



**United Nations
Environment
Programme**

Distr.
GENERAL

UNEP/OzL.Pro/ExCom/80/59*
23 November 2017

ORIGINAL: ENGLISH



EXECUTIVE COMMITTEE OF
THE MULTILATERAL FUND FOR THE
IMPLEMENTATION OF THE MONTREAL PROTOCOL
Eightieth Meeting
Montreal, 13-17 November 2017

REPORT OF THE EIGHTIETH MEETING OF THE EXECUTIVE COMMITTEE

Introduction

1. The 80th meeting of the Executive Committee of the Multilateral Fund for the Implementation of the Montreal Protocol was held at the premises of La Plaza Reception Hall, Montreal, Canada, from 13 to 17 November 2017.
2. The meeting was attended by representatives of the following countries, members of the Executive Committee in accordance with decision XXVIII/14 of the Twenty-Eighth Meeting of the Parties to the Montreal Protocol:
 - (a) Parties not operating under paragraph 1 of Article 5 of the Protocol: Australia, Austria (Chair), Belgium, Germany, Japan, Slovakia and the United States of America; and
 - (b) Parties operating under paragraph 1 of Article 5 of the Protocol: Argentina, Bosnia and Herzegovina, Cameroon, China, Lebanon (Vice-Chair), Mexico and Nigeria.
3. In accordance with the decisions taken by the Executive Committee at its Second and Eighth meetings, representatives of the United Nations Development Programme (UNDP), the United Nations Environment Programme (UNEP) both as implementing agency and as Treasurer of the Fund, the United Nations Industrial Development Organization (UNIDO) and the World Bank attended the meeting as observers.
4. The Executive Secretary and staff of the Ozone Secretariat, the Vice-President of the Implementation Committee and members of the Replenishment Task Force of the Technology and Economic Assessment Panel (TEAP) were also present.
5. Representatives of the Alliance for Responsible Atmospheric Policy, the Environmental Investigation Agency, the Institute for Governance and Sustainable Development, the Kigali Cooling Efficiency Program, the Laurence Berkeley National Laboratory, the Natural Resources Defense Council, and the Refrigerant Gas Manufacturers' Association of India also attended as observers.

*Re-issued for technical reasons on 5 December 2017.

AGENDA ITEM 1: OPENING OF THE MEETING

6. The meeting was opened by the Chair, Mr. Paul Krajnik, who welcomed participants to the last meeting of 2017 and the final meeting of the 2015–2017 triennium. He stressed that it was imperative for the Executive Committee to consider the remaining activities in the 2017 business plan to ensure that, as far as possible, the entire budget for the 2015–2017 triennium could be committed by the end of the year. The Chair also pointed out that the Committee’s decisions on policy and on project approvals would have an impact on the discussions of the Parties to the Montreal Protocol on replenishment of the Multilateral Fund for the 2018–2020 triennium to take place immediately following the meeting of the Executive Committee.

7. The Chair outlined the matters to be considered, which included business planning for the period 2018 to 2020, tranche submission delays, financial matters related to contributions, project balances, the budget of the Fund Secretariat, and the report on country programme (CP) data and prospects for compliance. The Committee would also examine the final report on the evaluation of chiller projects, the desk study on the evaluation of the refrigeration servicing sector, and the monitoring and evaluation work programme for 2018, and would consider a document containing status reports and reports on projects with specific reporting requirements. The Committee would furthermore be considering funding requests for projects and activities amounting to almost US \$138.5 million. The Sub-group on the Production Sector would address stage II of the HCFC production phase-out plan (HPPMP) for China. Matters related to the Kigali Amendment, such as the status of additional contributions, the development of costs guidelines for HFC phase-down, the final report on the surveys of ODS alternatives, and HFC-23 by-product control technologies, would also be addressed.

8. The Committee also had before it 90 HFC-related requests for: enabling activities; project preparation for HFC-related investment projects; fully developed HFC investment projects; and project preparation for HFC-23 demonstration projects, to be funded under the additional voluntary contributions of non-Article 5 countries.

9. The Chair concluded his opening remarks by urging members to keep the meeting’s full agenda in mind when working with their customary efficiency to grapple with the complex issues before them.

AGENDA ITEM 2: ORGANIZATIONAL MATTERS

(a) Adoption of the agenda

10. The Executive Committee adopted the following agenda for the meeting on the basis of the provisional agenda contained in document UNEP/OzL.Pro/ExCom/80/1:

1. Opening of the meeting.
2. Organizational matters:
 - (a) Adoption of the agenda;
 - (b) Organization of work.
3. Secretariat activities.
4. Financial matters:
 - (a) Status of contributions and disbursements;

- (b) Report on balances and availability of resources;
 - (c) Accounts of the Multilateral Fund:
 - (i) Final 2016 accounts;
 - (ii) Reconciliation of the 2016 accounts;
 - (d) Approved 2018, 2019 and proposed 2020 budgets of the Fund Secretariat.
5. Country programme data and prospects for compliance.
6. Evaluation:
- (a) Final report on the evaluation of chiller projects;
 - (b) Desk study on the evaluation of the refrigeration servicing sector;
 - (c) Draft monitoring and evaluation work programme for the year 2018.
7. Programme implementation:
- (a) Status reports and reports on projects with specific reporting requirements;
 - (b) 2017 consolidated project completion report.
8. Business planning:
- (a) Update on the status of implementation of the 2017–2019 consolidated business plan of the Multilateral Fund;
 - (b) Tranche submission delays;
 - (c) Consolidated 2018–2020 business plan of the Multilateral Fund;
 - (d) 2018–2020 business plans of the bilateral and implementing agencies:
 - (i) Bilateral agencies;
 - (ii) UNDP;
 - (iii) UNEP;
 - (iv) UNIDO;
 - (v) World Bank.
9. Project proposals:
- (a) Overview of issues identified during project review;
 - (b) Bilateral cooperation;

- (c) Amendments to work programmes for 2017:
 - (i) UNDP;
 - (ii) UNEP;
 - (iii) UNIDO;
 - (iv) World Bank;
 - (d) Review of the overall structure of the Compliance Assistance Programme (decision 77/38(c)) and UNEP's Compliance Assistance Programme budget for 2018;
 - (e) 2018 core unit costs for UNDP, UNIDO and the World Bank;
 - (f) Investment projects.
10. Matters related to the Kigali Amendment to the Montreal Protocol:
- (a) Status of additional contributions to the Multilateral Fund (decision 79/42(c));
 - (b) Overall analysis of the results of the surveys of ODS alternatives (decision 79/43(c));
 - (c) Development of the cost guidelines for the phase-down of HFCs in Article 5 countries: Draft criteria for funding (decisions 78/3(i) and 79/44(b));
 - (d) Key aspects related to HFC-23 by-product control technologies: preliminary data of HCFC-22 production swing plants that wish to close (decision 79/47(d)).
11. Draft report of the Executive Committee to the Twenty-Ninth Meeting of the Parties to the Montreal Protocol.
12. Report of the Sub-group on the Production Sector.
13. Other matters.
14. Adoption of the report.
15. Closure of the meeting.

(b) Organization of work

11. The Executive Committee agreed to consider, under agenda item 13, Other matters, the special situation of Dominica, where a Category 5 hurricane had destroyed vast swathes of infrastructure in the country, including the office of the national ozone unit (NOU).

12. The Executive Committee further agreed to consider, under agenda item 13, Other matters, the dates and venues of Executive Committee meetings in 2019, and under agenda item 7(a), Status reports and reports on projects with specific reporting requirements, a request for a change of implementing agency for two ongoing projects.

13. The Executive Committee also agreed to reconvene the Sub-group on the Production Sector, constituted at the 78th meeting, with the following composition: Argentina, Australia (facilitator), Austria, China, Germany, Lebanon, Mexico and the United States of America.

AGENDA ITEM 3: SECRETARIAT ACTIVITIES

14. The Chief Officer welcomed the members of the Executive Committee and other participants to the present meeting.

15. He then introduced document UNEP/OzL.Pro/ExCom/80/2, which provided an overview of the work done by the Secretariat since the 79th meeting, including summaries of the meetings attended and missions undertaken by the staff of the Secretariat. Together with the Treasurer, the Secretariat had continued to provide information on the Multilateral Fund as requested by several of the donor countries that had agreed to provide additional contributions to the Fund.

16. The Secretariat had continued to interact with related organizations, including the Ozone Secretariat, the Green Climate Fund and the Lawrence Berkeley National Laboratory. The Secretariat had also continued informal discussions with representatives of the Kigali Cooling Efficiency Programme on matters pertaining to the Multilateral Fund. In September 2017, the Secretariat had hosted the Secretary, Ministry of Environment, Forests and Climate Change, Government of India for informal discussions on Multilateral Fund activities over the previous 25 years and on the Kigali Amendment.

17. One member expressed appreciation for the information provided on the activities of the Secretariat, particularly on the consultations with the secretariats of other multilateral environmental agreements and relevant institutions, and encouraged the Fund Secretariat to continue to take advantage of such opportunities to exchange and build expertise, and to expand knowledge in areas outside the regime of the Fund. Another member highlighted the exchanges with the Global Environment Facility and the Green Climate Fund, which were of particular relevance to important developments related to energy efficiency, alternatives with low global-warming potential (GWP), and the phase-down of HFCs under the Kigali Amendment. Another member underscored the challenges being encountered by Article 5 Parties in meeting their HCFC phase-out obligations. Given that enterprises of all sizes faced technological and managerial challenges in achieving compliance and fulfilling the requirements of national HCFC phase-out management plans (HPMPs), he urged the Executive Committee, donors and other international institutions to be cognizant of those challenges in their deliberations. Finally, he noted that upcoming discussions on implementation of the Kigali Amendment presented an opportunity to send a strong signal to the global community in terms of the commitment to phase down HFCs.

18. The Executive Committee took note, with appreciation, of the report on Secretariat activities contained in document UNEP/OzL.Pro/ExCom/80/2.

AGENDA ITEM 4: FINANCIAL MATTERS

(a) Status of contributions and disbursements

19. The Treasurer introduced document UNEP/OzL.Pro/ExCom/80/3 and provided updated information on countries' contributions to the Fund as at 16 October 2017. Since issuance of the report, the Treasurer had received additional contributions from the Governments of Canada, Greece, Norway, the Russian Federation, and the United States of America, and balances returned by the Government of Italy from completed projects including interest of US \$10,356.

20. With those additional contributions, the Fund's balance, as at 14 November 2017, stood at US \$82,372,420, comprising US \$73,713,395 in cash and US \$8,659,025 in promissory notes, all of which were due for encashment in 2018.

21. The loss on the fixed-exchange rate mechanism (FERM) had increased by approximately US \$3.4 million since the 79th meeting and was estimated to increase by US \$13 million by the end of 2017. The cumulative loss on the FERM since its inception now stood at US \$33.5 million.

22. The additional contributions noted by the Treasurer were welcomed, as was Azerbaijan's effort to start to pay its contributions to the Multilateral Fund. Further information was requested on the losses that had arisen in the FERM, and the impact that that would have on the projects being considered at the present meeting. It was pointed out that, when the FERM was used, the full cost of projects in US dollars had to be met and it was suggested that some bilateral agencies might have understood differently.

23. The Treasurer explained that the Meeting of the Parties had extended the use of the FERM to facilitate the collection of contributions in local currency. With regard to activities under bilateral cooperation, parties, however, could transfer their contributions through the Treasurer or disburse the contributions themselves. If those contributions were transferred through the Treasurer, then the Fund would realize the loss or gain on the FERM, whereas, if the Parties transferred the funds themselves, they would bear any loss or gain incurred. It was pointed out that this issue required further informal consultations. One member explained that, when funds were transferred to an implementing agency by the Treasurer, the difference in the loss or gain was the same for multilateral and bilateral projects.

24. Following informal discussions to clarify the transfer of funds by the Treasurer on behalf of the bilateral agencies, the Executive Committee decided:

- (a) To note:
 - (i) The report of the Treasurer on the status of contributions and disbursements and the information on promissory notes, the countries that had opted to use the fixed-exchange rate mechanism (FERM) during the 2015–2017 triennium, and the implementation of the FERM, contained in Annex I to the present report;
 - (ii) With appreciation that the Government of Azerbaijan was taking steps towards paying its contributions to the Multilateral Fund from 2017 onwards;
- (b) To request the Secretariat to provide, for the consideration of the 81st meeting, additional information on the transfer of funds by the Treasurer on behalf of governments contributing to bilateral projects;
- (c) To urge all Parties to pay their contributions to the Multilateral Fund in full and as early as possible; and
- (d) To request the Chief Officer and the Treasurer to continue to follow up with contributing Parties that had contributions outstanding for one triennium or more and to report back to the 81st meeting.

(Decision 80/1)

(b) Report on balances and availability of resources

25. The representative of the Secretariat introduced document UNEP/OzL.Pro/ExCom/80/4 and said that Table 1 of the document should be adjusted to reflect the return by the World Bank of US \$1,290,139, which included US \$148,128 in agency support costs. Consequently, the total funds being returned to the 80th meeting amounted to US \$5,409,104. The total funding requested for projects at the present meeting stood at US \$138,446,594, which, with the provision for the Secretariat's budget for 2020, brought the total funding requested to US \$146,303,499. After taking into account the report of the Treasurer, the unspent

balance of US \$1,388,758 from the Secretariat's 2016 budget and the return of US \$848,162 from the Secretariat's budgets for 2018 and 2019, the total funding available amounted to US \$90,018,444, which was insufficient to fund all the requests submitted to the present meeting.

26. The Executive Committee decided:

- (a) To note:
- (i) The report on balances and availability of resources contained in document UNEP/OzL.Pro/ExCom/80/4;
 - (ii) That the level of funds being returned to the 80th meeting by the implementing agencies amounted to US \$5,432,309, consisting of US \$558,552, plus agency support costs of US \$44,491 from UNDP; US \$2,609,791, plus agency support costs of US \$229,320 from UNEP; US \$652,068, plus agency support costs of US \$47,948 from UNIDO; and US \$1,142,011, plus agency support costs of US \$148,128 from the World Bank;
 - (iii) That the net level of funds to be returned to the Government of France was US \$21,755, plus agency support costs of US \$1,450;
 - (iv) That UNDP held balances of US \$262,988, including agency support costs of US \$18,358, for projects completed two years previously;
 - (v) That UNEP held balances of US \$377,431, consisting of US \$219,231 and US \$158,200 in committed and not-committed balances, respectively, including agency support costs of US \$33,403, for five projects completed over two years previously;
 - (vi) That the Government of Japan held balances of US \$1,179,170, consisting of US \$365,464 and US \$813,706 in committed and not-committed balances, respectively, including agency support costs of US \$122,696, for one completed project and two projects completed "by decision of the Executive Committee";
- (b) To request:
- (i) Bilateral and implementing agencies to return, no later than the 81st meeting, the balances of all projects completed over two years previously;
 - (ii) Bilateral and implementing agencies to disburse or to cancel commitments not needed for completed projects and project completed "by decision of the Executive Committee" and to return balances to the 81st meeting;
 - (iii) The Government of Japan and UNEP to return to the 81st meeting not-committed balances no longer required; and
 - (iv) The Treasurer to increase France's bilateral approval by US \$23,205.

(Decision 80/2)

(c) Accounts of the Multilateral Fund

(i) Final 2016 accounts

27. The Treasurer introduced document UNEP/OzL.Pro/ExCom/80/5. He said that, following the submission of the final accounts by the implementing agencies, two agencies had reported net adjustments of US \$446,235 to the aggregate income level and US \$1,330,484 to the aggregate expense level, both of which were within the one per cent threshold. He said that those adjustments would be reported in the 2017 accounts.

28. More information was requested about the amounts that had been carried over from the Secretariat's budget for the previous year and how the savings had been achieved. The representative of the Secretariat explained that some savings stemmed from salary saving due to the departure of staff members pending the recruitment of new and temporary staff. The cost of some of the allocations for unrecorded 2015 expenditures that had been brought forward to 2016 had been overestimated, which had subsequently resulted in savings when the actual figures had been received. In response to a query, the Treasurer confirmed losses under the FERM in the amount of US \$16,193,000 in 2016, and a projected loss of approximately US \$13,000,000 for the remainder of 2017.

29. One member wished to reflect in the report his concern about the level of contributions from the different Parties given the magnitude of the losses incurred by users of the FERM. That had resulted in some Parties making contributions in excess of the cap established by the United Nations. He noted with concern that the substantial losses under the FERM had significantly changed how Parties paid for activities under the Multilateral Fund.

30. The Executive Committee decided:

- (a) To note the final financial statements of the Multilateral Fund as at 31 December 2016, prepared in accordance with the International Public Sector Accounting Standards, contained in document UNEP/OzL.Pro/ExCom/80/5; and
- (b) To request the Treasurer to record in the 2017 accounts of the Multilateral Fund the differences between the implementing agencies' provisional 2016 financial statements and their final 2016 financial statements, as reflected in Table 1 of document UNEP/OzL.Pro/ExCom/80/5.

(Decision 80/3)

(ii) Reconciliation of the 2016 accounts

31. The representative of the Secretariat introduced document UNEP/OzL.Pro/ExCom/80/6. She said that, subsequent to the issuance of the document, UNIDO had said that it would be adjusting its accounts to eliminate the discrepancy between the 2016 accounts and the progress report of US \$226,995 in income as indicated in Table 3 of the document, and explained that the discrepancy of US \$231,782 in expenditures as indicated in Table 5 of the document was related to agency support costs. This would be corrected during 2017.

32. The Executive Committee decided:

- (a) To note the reconciliation of the 2016 accounts contained in document UNEP/OzL.Pro/ExCom/80/6;

- (b) To request the Treasurer to deduct from the future transfers:
 - (i) To UNDP, US \$309,668, on account of an interest income reported in its 2016 final accounts that was higher than in its provisional accounts;
 - (ii) To UNIDO, US \$78,754, on account of an interest income reported in its 2016 final accounts that had yet to be offset against new approvals;
 - (iii) To the World Bank, US \$131,618, on account of an investment income reported in its 2016 accounts that had yet to be offset against new approvals;
- (c) To request UNDP to make the following adjustments in its 2017 progress report:
 - (i) US \$56,760 in income, representing additional funds approved for a project (IDS/PHA/64/INV/195) at the 66th meeting but not adjusted in the 2016 progress report;
 - (ii) US \$312,406, representing interest from the HCFC phase-out management plan for China, adjusted in UNDP's income but not reflected in its 2016 progress report;
 - (iii) US \$39, representing an incorrect adjustment for one project (DOM/PHA/77/INV/60) in its 2016 progress report;
 - (iv) US \$34, representing a rounding difference in agency support costs adjusted in UNDP's 2015 progress report but not in its 2016 progress report;
- (d) To request UNIDO:
 - (i) To make an adjustment of US \$1,122 in its 2017 progress report, representing balances returned for several projects incorrectly reflected in its 2016 progress report;
 - (ii) To reflect in its 2017 accounts US \$2,055,000 in 2016 income not recorded in 2016;
- (e) To request the World Bank to address the rounding difference of US \$7 for 2016, of which US \$4 had been carried forward from 2015;
- (f) To note that the following 2016 outstanding reconciling items would be updated prior to the 82nd meeting by relevant implementing agencies:
 - (i) Differences of US \$110,654 in income between UNEP's progress report and final accounts;
 - (ii) Differences of US \$135,304 in income between the World Bank's progress report and final accounts;
- (g) To note the standing reconciling items as follows:
 - (i) UNDP, for unspecified projects, in the amounts of US \$68,300 and US \$29,054;
 - (ii) The World Bank, for the following projects, being implemented with other bilateral agencies, where applicable:

- The bilateral cooperation of the Government of Japan (THA/PHA/68/TAS/158), in the amount of US \$342,350;
- The bilateral cooperation of the Government of Sweden (THA/HAL/29/TAS/120), in the amount of US \$225,985;
- The bilateral cooperation of the Government of the United States of America (CPR/PRO/44/INV/425), in the amount of US \$5,375,000;
- The bilateral cooperation of the Government of the United States of America (CPR/PRO/47/INV/439), in the amount of US \$5,375,000; and
- The Thailand chiller project (THA/REF/26/INV/104), in the amount of US \$1,198,946.

(Decision 80/4)

(d) Approved 2018, 2019 and proposed 2020 budgets of the Fund Secretariat

33. The representative of the Secretariat introduced document UNEP/OzL.Pro/ExCom/80/7.

34. In response to a query about whether the budgets in question would give the Secretariat the means to provide sufficient support for HFC phase-down activities, the representative of the Secretariat said that that issue would be addressed under the agenda item on Consolidated 2018-2020 business plan of the Multilateral Fund. Responding to another question about the Secretariat's proposal to hire a consultant to undertake work related to energy efficiency when phasing down HFCs, she said no provision had been made in the budget that had been submitted; it would therefore have to be added, if needed, if the proposal were to be approved.

35. Clarification was also sought about the activities that had been over-budgeted for in the past and whether provision had been made in the budget for the potential additional day of meeting discussed when the Committee took decision 79/50 to hold two meetings in 2018. The representative of the Secretariat explained that, while no provision had been made for an additional day, in accordance with past practice the Secretariat would come back to the Executive Committee for authorization to make adjustments between the budget lines if such a day were approved.

36. With regard to a concern about the application of a three per cent inflation rate to staffing costs, the representative of the Secretariat explained that procedure was based on past and best budgeting practice.

37. With respect to the overestimate of expenses for 2016, she said that some expenses for some items that had not been recorded in 2015 had been overestimated, which had resulted in savings under the corresponding budget lines. She also referred the Committee to the accounts of the Fund for 2016, which provided a detailed breakdown of savings by budget line. She said that, in general, the estimates in the budget were realistic, and that any unspent balance would be returned to the Trust Fund.

38. It was pointed out that, once the Executive Committee had concluded its deliberations under the agenda item on business planning, and its discussion on matters related to the Kigali Amendment, it might be necessary to revisit the budget.

39. The Executive Committee decided:

- (a) To note:
 - (i) The document on approved 2017, revised 2018 and 2019, and proposed 2020 budgets of the Fund Secretariat contained in UNEP/OzL.Pro/ExCom/80/7;
 - (ii) That US \$62,802 in expenditures not recorded in the 2016 accounts had been reallocated to the 2017 approved budget;
 - (iii) The return of US \$1,388,758 (comprising US \$1,345,650 from the approved 2016 budget for the Secretariat and US \$43,108 from the approved 2016 budget for the monitoring and evaluation work programme) to the Multilateral Fund at the 80th meeting;
- (b) To approve as contained in Annex II to the present report:
 - (i) The revised 2018 and 2019 budgets amounting to US \$7,402,419 and US \$7,540,205, respectively; and
 - (ii) The proposed 2020 budget of US \$7,682,125, based on the revised 2019 budget, including two meetings of the Executive Committee and a three per cent increase in staff costs.

(Decision 80/5)

AGENDA ITEM 5: COUNTRY PROGRAMME DATA AND PROSPECTS FOR COMPLIANCE

40. The representative of the Secretariat introduced document UNEP/OzL.Pro/ExCom/80/8. He also reported on a number of developments that had occurred since the issuance of the document. With respect to HCFC licensing and quota systems, UNEP had informed the Secretariat that Burundi's quota system had been updated to include HCFCs and HFCs, meaning that all Article 5 countries had now established their HCFC licensing and quota systems. Furthermore, the discrepancies that had been reported between Article 7 data and CP data for Argentina, Nigeria, the Philippines and Swaziland had been clarified and/or resolved, and CP data reports had been received from Djibouti, Dominica, Morocco, Saudi Arabia and South Sudan. Finally, South Africa's reported consumption of methyl bromide for 2016, which had originally been above the allowed level, had been corrected; it was now within the allowable limit.

41. The Executive Committee decided:

- (a) To note:
 - (i) The document on country programme (CP) data and prospects for compliance contained in document UNEP/OzL.Pro/ExCom/80/8;
 - (ii) That 139 countries had submitted 2016 CP data, 120 of them using the web-based system;
 - (iii) With concern that five countries (Algeria, Guinea-Bissau, Kuwait, Uganda and Yemen) had not submitted 2016 CP data as at 15 November 2017;

- (b) To request:
- (i) The Secretariat to send letters to the governments of countries with outstanding 2014, 2015 and 2016 CP data reports, urging them to submit the reports immediately; and
 - (ii) Relevant implementing agencies to continue assisting the relevant government in clarifying discrepancies between 2015 CP data and Article 7 data (Morocco), and between 2016 CP data and Article 7 data (South Africa, the Syrian Arab Republic and Turkey) and to report back to the 81st meeting.

(Decision 80/6)

AGENDA ITEM 6: EVALUATION

(a) Final report on the evaluation of chiller projects

42. The Senior Monitoring and Evaluation Officer introduced document UNEP/OzL.Pro/ExCom/80/9.

43. During the ensuing discussion, there was general agreement that the lessons learned in the evaluation provided valuable insight for the Committee's future work with respect to co-financing arrangements aimed at promoting energy efficiency in the phase-out of refrigerants. Members noted, *inter alia*: the importance of improved interaction with the Global Environment Facility and the Green Climate Fund and of considering the guidance provided by those two entities; the fact that decision-making with regard to equipment appeared to be driven by energy efficiency, energy savings, the cost of electricity and climate conditions; the influence of national circumstances and the need to take them into consideration; the importance of understanding cooperation in the energy sectors; the role played by markets and the need to take market priorities and opportunities into consideration when implementing projects; and the importance of keeping co-funding arrangements as simple as possible and not integrating too many sources of funding with different objectives.

44. There were a number of suggestions for improving the evaluation, including revision of the assessment of ODS alternatives used in light of the Kigali Amendment and the addition of information on the scale of co-financing for each project evaluated, along with the impact of that incremental funding.

45. One member provided additional information on the project in Cuba and asked whether bilateral agencies had been consulted during the evaluation process. In response, the Senior Monitoring and Evaluation Officer said that the evaluation team had included a member of the implementing agency as an observer, but that, in the future, bilateral agencies would also be consulted.

46. The Executive Committee decided:

- (a) To note the final report on the evaluation of chiller projects contained in document UNEP/OzL.Pro/ExCom/80/9; and
- (b) To invite the bilateral and implementing agencies to apply, when appropriate, the lessons learned from the key findings of the evaluation of chiller projects.

(Decision 80/7)

(b) Desk study on the evaluation of the refrigeration servicing sector

47. The Senior Monitoring and Evaluation Officer introduced documents UNEP/OzL.Pro/ExCom/80/10 and Corr.1.

48. Members subsequently acknowledged that the study contained many lessons learned that could be applied to future servicing sector projects, for both HCFCs and HFCs. Aspects highlighted included: the importance of efficient, effective training on the use of low-GWP alternatives, including hydrocarbons, and of the subsequent continuation of good refrigeration practices; leakage as an important concern in the servicing sector, particularly in relation to designing systems that would address leakage and how it related to stockpile management and energy efficiency; the role of demonstration projects in servicing sector activities; the various reasons for project delays; and the type of data collected in the demonstration projects. It was suggested that ways should be found to disseminate the lessons learned from demonstration projects carried out under servicing sector activities, which tended to be less widely disseminated than those learned from individually approved demonstration projects.

49. One member mentioned that equipment and tools provided under HPMPs were useful, but that they had worn out and were not readily available in some countries. She suggested that the Executive Committee consider allocating funding for basic equipment and tools used in the refrigeration and air-conditioning sector, both for HCFC applications and for technologies using low-GWP alternatives, including hydrocarbons.

50. Responding to a comment regarding empty refrigerant cylinders found in waste and how they were handled, the Senior Monitoring and Evaluation Officer said that it was an issue that would be looked at during the field visits. She also responded to a request for more information on the impact of the programmes in the countries in question, saying that desk studies were limited by the availability of data, but that the field visits would also address that issue.

51. The Executive Committee decided:

- (a) To note the desk study for the evaluation of the HCFC phase-out in the refrigeration servicing sector contained in documents UNEP/OzL.Pro/ExCom/80/10 and Corr.1; and
- (b) To invite the bilateral and implementing agencies to apply, when appropriate, the findings and recommendations of the desk study on the evaluation of HCFC phase-out in the refrigeration servicing sector, in the implementation of projects in stage II of HCFC phase-out management plans and in the phasing down of HFCs.

(Decision 80/8)

(c) Draft monitoring and evaluation work programme for the year 2018

52. The Senior Monitoring and Evaluation Officer presented document UNEP/OzL.Pro/ExCom/80/11. She noted in particular that the proposed work programme included three evaluations: the second phase of the evaluation of the refrigeration servicing sector; a desk study for the evaluation of capacity-building activities for customs departments and HCFC import/export licensing and quota systems; and a desk study for the evaluation of gender mainstreaming in Montreal Protocol projects and policies.

53. With respect to the second phase of the evaluation of the refrigeration servicing sector, members were generally supportive, but had specific requests with regard to what should be emphasized therein. These included: quantitative data with respect to the training cycle; information on market uptake of recycled or reclaimed refrigerants; the percentage of distribution of equipment compared with the total number of servicing technicians; how refrigerant leakages were assessed; co-funding modalities found in the countries to be visited; refrigerant containment activities and their impact, in terms both of quantity and of linkages with energy efficiency and stockpile management; key factors determining the sustainability of activities, particularly with respect to training; key factors contributing to the transition to low-GWP alternatives; the interplay between HPMPs, institutional strengthening and Compliance Assistance Programme (CAP) activities, with a view to determining how different modalities or types of projects were

helping countries fulfil their commitments; and the impact of implementation on the business activities of those concerned.

54. Responding to questions, the Senior Monitoring and Evaluation Officer said that the countries in the sample prepared for the evaluation had been selected to cover a broad range of project types, bilateral and implementing agencies and geographical regions. She added that the duration of any mission would be somewhat limited by the budget. Finally, she said that, while the final report for the second phase of the evaluation of the refrigeration servicing sector would be presented to the 82nd meeting, she could present an interim report at the 81st meeting.

55. Turning to the desk study for the evaluation of capacity-building activities for customs departments and HCFC import/export licensing and quota systems, the Senior Monitoring and Evaluation Officer responded to a number of queries regarding the rationale for the study, explaining that the implementation of the Kigali Amendment was expected to entail adjustments to legal systems and customs departments, which were inextricably linked, and an assessment of the current situation had thus been deemed to be of interest. Further to this explanation, it was agreed that the Senior Monitoring and Evaluation Officer would consult with members regarding the purpose of the evaluation and whether the information required might be collected as part of enabling or project preparation activities and amend the terms of reference to address the concerns raised.

56. Following the informal discussions, it was agreed that the purpose of the desk study would be to evaluate HPMP preparation activities for the development of HCFC import/export licensing and quota systems and other relevant policies in order to assess the number, type and value of these activities and to draw out lessons to facilitate the implementation of the Kigali Amendment for the phase-down of HFCs. The Senior Monitoring and Evaluation Officer would present the terms of reference for the study to the 81st meeting and the final report to the 82nd meeting. The final report would contain an analysis of the activities funded under HPMP preparation that had resulted in the establishment of licensing and quota systems to enable the monitoring of ODS (HCFC) imports and exports, and other policies that supported compliance with the Montreal Protocol, such as data surveys, establishment of information management systems, establishment of industry and intergovernmental consultation mechanisms and preparation of initial plans.

57. With respect to the proposed desk study for the evaluation of gender mainstreaming, there was general support for the study, particularly as no funding was being requested, although there was a desire for a sharper focus and the inclusion of metrics. One member, while supportive of the initiative, said that it fell outside the scope of the Senior Monitoring and Evaluation Officer's mandate. It was suggested that the scope of the proposal be reconsidered in light of that mandate, and the Committee agreed to hold bilateral consultations on the matter. Following these discussions, it was agreed to include the proposed desk study on gender mainstreaming in the 2018 monitoring and evaluation work programme, with some revisions to the proposed terms of reference.

58. The Executive Committee subsequently decided:

- (a) To approve the monitoring and evaluation work programme for 2018 and the associated budget of US \$174,780, contained in document UNEP/OzL.Pro/ExCom/80/11/Rev.1; and
- (b) To request the Senior Monitoring and Evaluation Officer to submit to the 81st meeting the terms of reference for the desk study for the evaluation of HCFC phase-out management plan preparation activities to assist with the implementation of the Kigali Amendment.

(Decision 80/9)

AGENDA ITEM 7: PROGRAMME IMPLEMENTATION

(a) Status reports and reports on projects with specific reporting requirements

59. The Chair introduced documents UNEP/OzL.Pro/ExCom/80/12, Add.1 and Corr.1, which consisted of eight parts.

Part I: Projects with implementation delays and for which special status reports were requested

60. The Chair drew attention to the information provided in part I of document UNEP/OzL.Pro/ExCom/80/12.

61. One member raised what seemed to be a reporting problem linked to UMOJA, the accounting system introduced by UNEP in 2016. He requested clarification from UNEP as to whether the UMOJA procedure required that expenditure reports be submitted before funds could be disbursed. The representative of UNEP clarified that funds were not recorded as having been disbursed until the government of the country in question had submitted the expenditure report. Depending on the agreement signed between UNEP and the country, and on the length of the project, the time between advance payment by UNEP and receipt of the expenditure report from the country could vary from six months to a year. The member suggested holding bilateral talks with UNEP in the margins of the meeting to find a way of reducing the delay between the disbursement of funds as advance payments and the receipt of expenditure reports, which would solve the problem of project reports showing zero disbursement even though disbursement had taken place.

62. The Executive Committee decided:

(a) To note:

(i) The status reports and reports on implementation delays of the bilateral and implementing agencies submitted to the 80th meeting, contained in document UNEP/OzL.Pro/ExCom/80/12;

(ii) That bilateral and implementing agencies would report to the 81st meeting on four projects with implementation delays and on 22 projects recommended for additional status reports, as indicated in Annexes III and IV, respectively, to the present report;

(b) To request UNEP to report on the transfer of funds to beneficiaries when submitting information on the progress of approved projects and activities, and to provide a description of actions undertaken during implementation; and

(c) To approve the recommendations on ongoing projects with specific issues listed in the last column of the table in Annex IV to the present report.

(Decision 80/10)

Part II: Reports related to HCFC phase-out management plans (HPMPs)

Proposed change to the Agreement for stage I of the HPMP for Bahrain (UNEP/UNIDO)

63. The representative of the Secretariat introduced the sub-item. One member requested confirmation that the proposed extension of stage I to allow for the testing of the alternative technology in regions with high ambient temperatures would not jeopardize Bahrain's compliance with the provisions of the Montreal Protocol. The member also asked whether action would be taken by the country in the meantime to control

HCFC consumption in other ways and to discourage transition to HFCs. The representative of UNEP confirmed that good progress was being made in the servicing sector, with the training of technicians and a mandatory certification programme. Furthermore, 50 per cent of the customs officers targeted in stage I of the HPMP had already received training in the licensing and quota system. One member added that the shift away from HFC-based alternatives was already taking place in Bahrain, citing the example of the country's only manufacturer of refrigeration equipment, which had chosen R-600a as an alternative.

64. Several members pointed out that the challenges faced by Bahrain with regard to the identification of low-GWP alternatives, and the market acceptance of those alternatives, were common to many Article 5 countries.

65. The Executive Committee decided:

- (a) To note the request, submitted by UNEP on behalf of the Government of Bahrain, to defer the third tranche of stage I of the HCFC phase-out management plan (HPMP) for Bahrain and extend the duration of stage I from 2020 to 2023;
- (b) To approve the request outlined in sub-paragraph (a) above; and
- (c) To note that the Fund Secretariat had updated the Agreement between the Government of Bahrain and the Executive Committee, as contained in Annex V to the present report, specifically Appendix 2-A to reflect the revised funding schedule and the extension of the duration of stage I, and paragraph 16, which had been added to indicate that the updated Agreement superseded that reached at the 75th meeting.

(Decision 80/11)

Stage I of the HPMP for Brazil (annual progress report) (UNDP)

66. The representative of the Secretariat introduced document UNEP/OzL.Pro/ExCom/80/34.

67. The Executive Committee decided:

- (a) To note the 2017 progress report on the implementation of stage I of the HCFC phase-out management plan (HPMP) for Brazil, submitted by UNDP;
- (b) To approve the extension of the duration of stage I of the HPMP to 31 December 2019, on the understanding that no further extension of project implementation would be requested;
- (c) To request the Government of Brazil, UNDP and the Government of Germany to continue submitting progress reports on the implementation of the work programme associated with stage I of the HPMP on an annual basis until the completion of the project, and to submit the project completion report to the first meeting in 2020;
- (d) To note that enterprises Shimteck and U-Tech in the polyurethane foam sector for which conversion had been approved on the basis of an alternative with a low global-warming potential (GWP) were using HFC temporarily owing to lack of availability of HFOs;
- (e) To request UNDP:
 - (i) To continue assisting Shimteck and U-Tech, during the implementation of the HPMP, to secure the supply of the alternative technologies selected, on the understanding that any incremental operating costs would not be paid until the original alternative technology selected or another technology with a low-GWP

had been fully introduced;

- (ii) To report on the status of use of the interim technology selected by Shimteck and U-tech at each meeting until the original technology selected or another technology with a low-GWP had been fully introduced;
- (iii) To include in the subsequent progress report, to be submitted to the last meeting in 2018:
 - a. The complete list of downstream foam enterprises assisted by the Multilateral Fund under stage I, including their HCFC-141b consumption phased out, sub-sector, baseline equipment and technology adopted; and
 - b. The status of implementation of the conversion of the enterprises Ecopur and Panisol, on the understanding that the remaining funds from the conversion of Ecopur would be returned to the Multilateral Fund in the event that the enterprise withdrew from the HPMP.

(Decision 80/12)

Stage I of the HPMP for Chile (verification of 2016 HCFC consumption) (UNDP)

68. The Executive Committee took note of the 2016 verification of HCFC consumption, as part of the HCFC phase-out management plan (stage I) for Chile, submitted by UNDP.

Stage I of the HPMP for China

69. The representative of the Secretariat introduced document UNEP/OzL.Pro/ExCom/80/37, containing reports on the six sector plans for stage I of the HPMP for China.

HCFC phase-out management plan (stage I) (annual progress report) (extruded polystyrene foam sector plan) (UNIDO)

70. The Executive Committee decided:

- (a) To note the 2017 progress report on the implementation of the fifth tranche of the extruded polystyrene (XPS) foam sector plan of stage I of the HCFC phase-out management plan for China, submitted by UNIDO; and
- (b) To request the Treasurer to offset future transfers to UNIDO by US \$12,621, representing additional interest accrued by the Government of China up to 31 December 2016 from funds previously transferred for the implementation of the XPS foam sector plan, as per decision 69/24.

(Decision 80/13)

HCFC phase-out management plan (stage I) (annual progress report) (polyurethane (PU) rigid foam sector plan) (World Bank)

71. The Executive Committee decided:

- (a) To note the 2017 progress report on the implementation of the fifth tranche of the polyurethane rigid (PU) foam sector plan of stage I of the HCFC phase-out management plan for China, submitted by the World Bank; and

- (b) To request the Treasurer to offset future transfers to the World Bank by US \$4,813, representing interest accrued by the Government of China up to 31 December 2016 from funds previously transferred for the implementation of the PU foam sector plan, as per decision 69/24.

(Decision 80/14)

HCFC phase-out management plan (stage I) (annual progress report) (industrial and commercial refrigeration and air-conditioning sector plan) (UNDP)

72. The Executive Committee decided:

- (a) To note the 2017 progress report on the implementation of the industrial and commercial refrigeration and air-conditioning (ICR) sector plan of stage I of the HCFC phase-out management plan for China, submitted by UNDP; and
- (b) To request the Treasurer to offset future transfers to UNDP by US \$97,468, representing additional interest accrued by the Government of China up to 31 December 2016 from funds previously transferred for the implementation of the ICR sector plan, as per decision 69/24.

(Decision 80/15)

HCFC phase-out management plan (stage I) (annual progress report) (room air-conditioner manufacturing sector plan) (UNIDO)

73. The Executive Committee decided:

- (a) To note the 2017 progress report on the implementation of the room air-conditioning (RAC) sector plan of stage I of the HCFC phase-out management plan for China, submitted by UNIDO; and
- (b) To request the Treasurer to offset future transfers to UNIDO by US \$49,273, representing interest accrued by the Government of China up to 31 December 2016 from funds previously transferred for the implementation of the RAC sector plan, as per decision 69/24.

(Decision 80/16)

HCFC phase-out management plan (stage I) (annual progress report) (solvent sector plan) (UNDP)

74. The Executive Committee decided:

- (a) To note the 2017 progress report on the implementation of the solvent sector plan of stage I of the HCFC phase-out management plan for China, submitted by UNDP; and
- (b) To request the Treasurer to offset future transfers to UNDP by US \$1,101, representing additional interest accrued by the Government of China up to 31 December 2016 from funds previously transferred for the implementation of the solvent sector plan, as per decision 69/24.

(Decision 80/17)

HCFC phase-out management plan (stage I) (2017 progress report) (refrigeration servicing sector including enabling programme) (UNEP/the Government of Japan)

75. The Executive Committee decided:

- (a) To note the 2017 progress report on the implementation of stage I of the refrigeration servicing sector plan and the national enabling programme of stage I of the HCFC phase-out management plan for in China, submitted by UNEP; and
- (b) To request the Treasurer to offset future transfers to UNEP by US \$886, representing additional interest accrued by the Government of China up to 31 December 2016 from funds previously transferred for the implementation of the servicing sector plan and enabling activities, as per decision 69/24.

(Decision 80/18)

Temporary use of a high-GWP technology by enterprises that had been converted to a low-GWP technology in Cuba (UNDP)

76. The Executive Committee decided:

- (a) To note with appreciation the report provided by UNDP, and the efforts made to facilitate the supply of technology with low global-warming potential (GWP) to the foam enterprises Friarc and IDA in Cuba; and
- (b) To request UNDP to continue assisting the Government of Cuba in securing the supply of low-GWP alternative technology and to provide a report on the status of the conversion of the two foam enterprises in line with decision 77/50(b).

(Decision 80/19)

Stage I of the HPMP for India (annual progress report) (UNDP/UNEP/the Government of Germany)

77. The Executive Committee decided:

- (a) To note the 2016 progress report on the implementation of stage I of the HCFC phase-out management plan (HPMP) for India, submitted by UNDP; and
- (b) To approve the extension of the duration of stage I of the HPMP to 31 December 2017, on the understanding that no further extension of project implementation would be requested and that the project completion report would be submitted to the 81st meeting.

(Decision 80/20)

Stage I of the HPMP for Indonesia (annual progress report) (UNDP/UNIDO/World Bank/the Government of Australia)

78. The Executive Committee took note of the 2016 progress report on the implementation of stage I of the HCFC phase-out management plan for Indonesia, submitted by UNDP.

Stage I of the HPMP for the Islamic Republic of Iran (annual progress report) (UNDP/the Government of Germany)

79. One member requested clarification regarding the reallocation of remaining balances from an enterprise that was due to receive assistance from the Multilateral Fund, but in the meantime had stopped manufacturing using HCFCs. The representative of the Secretariat clarified that, by the time the report had been issued, the resources had already been reallocated to technical assistance and to the conversion of two other companies in the same sector, and had been fully spent. The representative of the Secretariat further clarified that the implementing agency had considered the change to be a minor change, as the value had been lower than 30 per cent of the approved tranche. That was why the reallocation had been reported *post facto*. The same member pointed out that, although the level of the resources was below 30 per cent of the most recently approved tranche, the reallocation was not a minor change, because a change in consumption by enterprises assisted by the Multilateral Fund in the context of an HPMP could change the tonnage of the phase-out associated with that HPMP. A number of members thought that it was important to clarify the matter to prevent the situation from recurring in the future. It was also pointed out that decisions on the matter had already been taken; these could be referenced in any decision that might be taken on stage I of the HPMP for the Islamic Republic of Iran as a reminder of the accepted practice for the reallocation of funds not used by an enterprise assisted by the Multilateral Fund.

80. The representative of the bilateral agency explained that it would be difficult to return the funds associated with the enterprise that had stopped using HCFCs, as dictated by accepted practice, because that balance had in fact been used to assist the foam sector in the country. Some members suggested alternative solutions, such as deducting the relevant ODP tonnage from the country's remaining consumption eligible for funding.

81. The Executive Committee decided:

- (a) To take note of the 2017 progress report on the implementation of stage I of the HCFC phase-out management plan (HPMP) for the Islamic Republic of Iran, submitted by UNDP;
- (b) To reiterate that, in cases where an enterprise in an Article 5 country approved to receive funding for conversion under an HPMP ceased to be involved in that HPMP, for any reason, any unspent balances allocated to that enterprise should be returned to the Multilateral Fund in line with previous Executive Committee decisions, unless otherwise agreed by the Committee;
- (c) To deduct US \$126,545, plus agency support costs of US \$14,393 for the Government of Germany, from the second tranche of stage II of the HPMP of the Islamic Republic of Iran, when submitted, corresponding to 2.90 ODP tonnes of HCFC-141b associated with the enterprise Behdor Ranging, which had ceased to be involved in the HPMP.

(Decision 80/21)

Stage I of the HPMP for Jordan (annual progress report) (UNIDO)

82. The Executive Committee took note of the 2017 progress report on the implementation of stage I of the HCFC phase-out management plan for Jordan, submitted by UNIDO.

Stage I of the HPMP for Malaysia (annual progress report) (UNDP)

83. The Executive Committee decided:

- (a) To note the 2016–2017 progress report on the implementation of stage I of the HCFC phase-out management plan (HPMP) for Malaysia, submitted by UNDP; and
- (b) To approve the extension of the duration of stage I of the HPMP to 1 June 2018, on the understanding that no further extension of project implementation would be requested and that the project completion report would be submitted to the second meeting in 2018, in line with decision 77/36(a).

(Decision 80/22)

Stage I of the HPMP for Mexico (annual progress report) (UNIDO)

84. The Executive Committee decided:

- (a) To note the 2017 progress report on the implementation of stage I of the HCFC phase-out management plan (HPMP) for Mexico, submitted by UNIDO; and
- (b) To request the Government of Mexico, UNIDO and UNDP to include in the subsequent progress report on stage I of the HPMP, to be submitted to the last meeting in 2018, the final list of downstream foam enterprises assisted by the Multilateral Fund under stage I, including their HCFC-141b consumption phased out, sub-sector, baseline equipment and technology adopted.

(Decision 80/23)

Request for extension of stage I of the HPMP for Nigeria (UNDP/UNIDO)

85. The Executive Committee decided to approve the extension of the duration of stage I of the HCFC phase-out management plan for Nigeria to 31 December 2018, on the understanding that no further extension of project implementation would be requested and that the project completion report would be submitted to the first meeting in 2019.

(Decision 80/24)

Stage I of the HPMP for Viet Nam (annual progress report) (World Bank)

86. The Executive Committee decided to note the completion of stage I of the HCFC phase-out management plan for Viet Nam.

(Decision 80/25)

Part III: Demonstration projects for low-GWP alternatives to HCFCs and feasibility studies for district cooling (decision 72/40)

87. The representative of the Secretariat introduced document UNEP/OzL.Pro/ExCom/80/12, to be considered along with additional information that had been provided after the issuance of the document.

88. Several members requested additional information on those projects that had been recommended for cancellation, including their current status and future prospects for completion. One member expressed disappointment at the lack of progress in the implementation of certain demonstration projects: they had

been discussed at length by the Executive Committee in the light of the challenges faced by Article 5 Parties in implementing HPMPs and complying with reduction targets, and scarce resources had been allocated to those projects. She urged that every effort be made in future to ensure that the submission of projects for approval was based on a realistic assessment of their potential to achieve their stated objectives.

89. In response to several queries about the status of the PU foam conversion project in Morocco, which had been recommended for cancellation, the representative of UNIDO said that the initial step of acquainting the beneficiaries with the new technology had taken longer than planned, but had now been concluded. If the project were to continue, the next stage would be to open the international tender for the purchase and delivery of equipment in early 2018.

90. Regarding the demonstration project for the fisheries sector in the Maldives, several members supported an approach whereby UNDP was requested to continue exploring other low-GWP alternatives. One member suggested that liaison with the initiative of the Nordic Council of Ministers on alternatives in the fisheries sector might prove useful in identifying low-GWP alternatives to R-448A. One member stressed the need to keep in mind the purpose of the project, namely to demonstrate the added value of alternatives that were not already in place, leading to sustainable, low-GWP solutions, and urged all stakeholders to continue to search for low-GWP alternatives.

91. In light of the additional information provided after the issuance of the document, the Committee requested the Secretariat to discuss those projects further with the implementing agencies, and to provide updates to the Committee for its consideration at the present meeting.

92. Subsequently, the representative of the Secretariat presented a conference room paper containing updated information on the demonstration projects for low-GWP alternatives. In the ensuing discussion, one member said that the implementing agencies needed to provide full and timely information on the status of projects to the Secretariat in order to facilitate consideration of those projects by the Executive Committee. On that matter, another member requested comprehensive, updated information on all demonstration projects to be presented to the Executive Committee at its 81st meeting.

93. The Executive Committee decided:

- (a) To note the update provided by UNDP on the progress in implementation of the demonstration project for ammonia semi-hermetic frequency-convertible screw refrigeration compression units in the industrial and commercial refrigeration industry at Fujian Snowman Co., Ltd., in China, to agree to extend the project completion date to 30 June 2018, on the understanding that no further extension of project implementation would be requested, and to request UNDP to submit the final report no later than the 82nd meeting;
- (b) To note the update provided by UNDP on the progress in implementation of the demonstration of R-290 (propane) as an alternative refrigerant in commercial air-conditioning manufacturing at Industrias Thermotar Ltda, in Colombia, to agree to extend the project completion date to 30 June 2018, on the understanding that no further extension of project implementation would be requested, and to request UNDP to submit the final report no later than the 82nd meeting;
- (c) To note the update provided by UNDP on the progress in implementation of the demonstration project to validate the use of hydrofluoro-olefins for discontinuous panels in Article 5 Parties through the development of cost-effective formulations, in Colombia, to agree to extend project completion date to 30 April 2018, on the understanding that no further extension of project implementation would be requested, and to request UNDP to submit the final report no later than the 82nd meeting;

- (d) To note the update provided by UNDP on the progress in implementation of the project on demonstration of the application of an ammonia/carbon dioxide refrigeration system in place of HCFC-22 for the medium-sized producer and retail store at Premezclas Industriales S.A., in Costa Rica, to agree to extend the project completion date to 31 December 2017, on the understanding that no further extension of project implementation would be requested, and to request UNDP to submit the final report no later than the 81st meeting;
- (e) To note the update provided by UNDP on the progress in implementation of the demonstration of low-cost options for the conversion to non-ODS technologies in polyurethane foams at very small users, in Egypt, to agree to extend the project completion date to 31 December 2018, on the understanding that no further extension of project implementation would be requested, and to request UNDP to submit the final report no later than the 83rd meeting;
- (f) To note the update provided by UNIDO on the progress in implementation of the demonstration of the use of low-cost pentane foaming technology for the conversion to non-ODS technologies in polyurethane foams at small and medium-sized enterprises, in Morocco, to agree to extend the project completion date to 31 December 2018, on the understanding that no further extension of project implementation would be requested, and to request UNIDO to submit the final report no later than the 83rd meeting;
- (g) To note the update provided by UNIDO on the progress in implementation of the demonstration project on promoting HFO-based low-global-warming-potential (GWP) refrigerants for the air-conditioning sector in high ambient temperatures, in Saudi Arabia, to agree to extend the project completion date to 31 December 2018, on the understanding that no further extension of project implementation would be requested, and to request UNIDO to submit the final report no later than the 83rd meeting;
- (h) To note the update provided by the World Bank on the progress in implementation of the demonstration project at air-conditioning manufacturers to develop window and packaged air-conditioners using lower-GWP refrigerants, in Saudi Arabia, to agree to extend the project completion date to 30 September 2018, on the understanding that no further extension of project implementation would be requested, and to request the World Bank to submit the final report no later than the 82nd meeting;
- (i) To note the update provided by UNIDO on the progress in implementation of the demonstration project for the phase-out of HCFCs by using HFO as a foam blowing agent in the spray foam applications in high ambient temperatures, in Saudi Arabia, to agree to extend the project completion date to 31 December 2018, on the understanding that no further extension of project implementation would be requested, and to request UNIDO to submit the final report no later than the 83rd meeting;
- (j) To note the update provided by UNIDO on the progress in implementation of the demonstration project on the technical and economic advantages of the vacuum-assisted injection in a discontinuous-panel plant retrofitted from HCFC-141b to pentane, in South Africa, to agree to extend the project completion date to 31 December 2017, on the understanding that no further extension of project implementation would be requested, and to request UNIDO to submit the final report no later than the 81st meeting;
- (k) To note the update provided by the World Bank on the progress in implementation of the demonstration project at foam system houses in Thailand to formulate pre-blended polyols for spray polyurethane foam applications using a low-GWP blowing agent, to agree to

extend the project completion date to 30 September 2018, on the understanding that no further extension of project implementation would be requested, and to request the World Bank to submit the final report no later than the 83rd meeting;

- (l) To note the update provided by UNEP and UNIDO on the progress in implementation of the project in West Asia promoting refrigerant alternatives for high-ambient-temperature countries (PRAHA-II), to agree to extend the project completion date to 31 December 2018, on the understanding that no further extension of project implementation would be requested, and to request the implementing agencies to submit the final report no later than the 83rd meeting;
- (m) To note the update provided by UNDP on the progress in implementation of the feasibility study for district cooling in Punta Cana in the Dominican Republic, to agree to extend the project completion date to 31 December 2017, on the understanding that no further extension of project implementation would be requested, and to request UNDP to submit the final report no later than the 81st meeting;
- (n) To note the update provided by UNEP and UNIDO on the progress in implementation of the feasibility study for district cooling in New Cairo, in Egypt, to agree to extend the project completion date to 30 June 2018, on the understanding that no further extension of project implementation would be requested, and to request the implementing agencies to submit the final report no later than the 82nd meeting;
- (o) To note the update provided by UNEP and UNIDO on the progress in implementation of the feasibility study comparing three not-in-kind technologies for use in central air-conditioning, in Kuwait, to agree to extend the project completion date to 30 June 2018, on the understanding that no further extension of project implementation would be requested, and to request the implementing agencies to submit the final report no later than the 82nd meeting;
- (p) To request UNDP to continue exploring other low-GWP alternatives for the fisheries sector in the Maldives;
- (q) To request an update on the progress in implementation of all the projects identified in sub-paragraphs (a) to (p) above as those with specific reporting requirements at the 81st meeting of the Executive Committee; and
- (r) To reiterate that implementing agencies should comply with the decisions of the Executive Committee on reporting requirements and submit reports as requested by the Secretariat.

(Decision 80/26)

Part IV: Financial audit reports for the CFC production, halon, PU foam, process agent II, refrigeration servicing and solvent sectors in China

94. Introducing the sub-item, the representative of the Secretariat informed the Committee that the Government of China had confirmed, in the margins of the present meeting, that all activities associated with the sector plans would be completed by the end of 2018. He added that the inclusion of such language in the decision would be consistent with an earlier decision on the matter (decision 73/20(b)).

95. During the ensuing discussion, clarifications were requested, notably with respect to how carbon tetrachloride leakage was monitored and measured, and whether such aspects were included in the work being done, and whether the carbon tetrachloride incinerators would also be able to handle HFCs and

unwanted HCFC residues. It was also noted that research and development in the production sector looked primarily at HFC alternatives, and did not appear to consider not-in-kind technologies, hydrocarbons or salt-based solutions. It was further suggested that any decision on the matter make provision for the Secretariat to share the results of the research with other relevant bodies of the Montreal Protocol and for any outstanding balances to be returned to the Fund.

96. Addressing some of the comments, the Chief Officer clarified that all agreements for the work being undertaken and presented in the financial audit report for China had been concluded. The Government of China was undertaking this additional work on the basis of balances remaining from sector plans. Together with the implementing agencies, the Government had developed very specific plans of action that it felt would support the continued phase-out of CFCs, halons, carbon tetrachloride and HCFCs. The results of all research would be submitted to the Committee for its consideration and it could decide at that point how it wished to disseminate them.

97. The Committee agreed to hold informal discussions on the issue of the return of balances. Subsequently, reporting on the outcome of those discussions, one member, supported by another member, said that, while the request for the return of the outstanding balances to the Fund had been withdrawn, in his view and in the view of others, outstanding balances should in principle be returned to the Fund or offset against future approvals, and the issue of the return of balances should be revisited at a future meeting of the Committee.

98. The Executive Committee decided:

- (a) To note, with appreciation, the financial audit reports for the CFC production, halon, polyurethane (PU) foam, process agent II, refrigeration servicing and solvent sectors in China, contained in documents UNEP/OzL.Pro/ExCom/80/12 and Corr.1;
- (b) To note with appreciation that, with the funding balances available in the CFC production, halon, PU foam, process agent II, refrigeration servicing and solvent sectors, the Government of China had implemented a large number of research, technical assistance and awareness activities that had facilitated the introduction of low-global-warming-potential alternative technologies in the various sectors, as well as the phase-out of HCFCs and the phase-down of HFCs; and
- (c) Further to note with appreciation that the Government of China had confirmed that all activities associated with each of the sector plans would be completed by the end of 2018, that relevant research and technical assistance reports would be submitted to the last meeting of 2018, and that the project completion reports would be submitted to the first meeting of the Executive Committee in 2019.

(Decision 80/27)

Part V: ODS waste disposal projects

99. The Executive Committee decided:

- (a) To note, with appreciation, the final reports on the pilot ODS waste management and disposal projects for Mexico, submitted by UNIDO and the Government of France, and for the Europe and Central Asia region, submitted by UNEP and UNIDO;
- (b) To invite bilateral and implementing agencies to take into account, when appropriate, the lessons learned from the pilot ODS disposal demonstration projects mentioned in sub-paragraph (a) above, in the design and implementation of similar projects in future;

- (c) To note the detailed progress reports on the pilot ODS waste management and disposal projects for China, submitted by the Government of Japan and UNIDO, and for Nigeria, submitted by UNIDO; and
- (d) To reiterate decision 79/18(d), requesting bilateral and implementing agencies to submit to the 81st meeting final reports of outstanding ODS disposal pilot projects in China, Cuba, Lebanon, Nigeria and Turkey, and to return to the 82nd meeting unspent balances for projects where final reports had not been submitted.

(Decision 80/28)

Part VI: Ongoing chiller projects

100. The Executive Committee decided:

- (a) To note the progress report on the ongoing chiller projects submitted by the Governments of France and Japan and UNDP and the World Bank;
- (b) With respect to the strategic demonstration project for accelerated conversion of CFC chillers in five African countries (AFR/REF/48/DEM/35):
 - (i) To approve the extension, on an exceptional basis, of the project completion date to April 2018;
 - (ii) To request the Governments of France and Japan to submit the project completion report no later than October 2018 and the final report to the 82nd meeting, and to return fund balances no later than April 2019; and
- (c) To reiterate decision 79/19(b)(ii), requesting bilateral and implementing agencies to submit project completion reports no later than June 2018 and to return fund balances no later than December 2018, for all chiller projects except the global chiller project (GLO/REF/47/DEM/268) implemented by the World Bank, for which the project completion report should be submitted no later than December 2018 and fund balances returned no later than June 2019.

(Decision 80/29)

Part VII: Sector plan for the phase-out of methyl bromide production in China

101. The Executive Committee decided:

- (a) To note the report on the status of implementation of the sector plan for the phase-out of methyl bromide production in China, submitted by UNIDO;
- (b) To recall that all remaining project activities would be completed no later than 31 December 2018; and
- (c) To request the Government of China and UNIDO to continue submitting reports on the status of implementation of the sector plan for the phase-out of methyl bromide production, on an annual basis, and to submit the project completion report no later than the first meeting in 2019.

(Decision 80/30)

Part VIII: Change of implementing agency for the demonstration project on chillers and the HCFC phase-out management plan for Argentina

102. The representative of the Secretariat introduced document UNEP/OzL.Pro/ExCom/80/12/Add.1.
103. The Executive Committee decided:
- (a) To note the request by the Government of Argentina to transfer to UNIDO the Argentina component of the global chillers demonstration project and all the phase-out activities included in stage II of the HCFC phase-out management plan (HPMP) for the country initially planned for implementation by the World Bank;
 - (b) With regard to the Argentina component of the global chillers demonstration project (GLO/REF/47/DEM/268):
 - (i) To request the World Bank to return to the Multilateral Fund at the 80th meeting the remaining balance of US \$808,438, plus agency support costs of US \$60,633;
 - (ii) To approve the transfer to UNIDO of the remaining balance of US \$808,438, plus agency support costs of US \$60,633 approved for the World Bank;
 - (c) With regard to the components of the first tranche of stage II of the HPMP:
 - (i) To request the World Bank to return to the Multilateral Fund at the 80th meeting the remaining balance of US \$907,525, plus agency support costs of US \$63,527, composed of US \$834,025, plus agency support cost of US \$58,382 (ARG/PHA/79/INV/182); US \$66,000, plus agency support cost of US \$4,620 (ARG/PHA/79/TAS/179); and US \$7,500 plus agency support cost of US \$525 (ARG/PHA/79/TAS/183);
 - (ii) To approve:
 - a. The transfer to UNIDO of the remaining balance of US \$907,525, plus agency support cost of US \$63,527 approved for the World Bank, composed of US \$834,025, plus agency support cost of US \$58,382 (ARG/PHA/79/INV/182); US \$66,000, plus agency support cost of US \$4,620 (ARG/PHA/79/TAS/179); and US \$7,500 plus agency support cost of US \$525 (ARG/PHA/79/TAS/183);
 - b. The transfer from the World Bank to UNIDO of the funding of US \$5,142,643, plus agency support costs of US \$359,985, approved in principle, associated with the second, third and fourth funding tranches of stage II of the HPMP; and
 - (iii) To note that the Fund Secretariat had updated the Agreement between the Government of Argentina and the Executive Committee for stage II of the HPMP, as contained in Annex VI to the present report, specifically Appendix 2-A on the basis of the transfer of the World Bank's components to UNIDO, and paragraph 17, which had been added to indicate that the World Bank had stopped being the cooperating agency as of the 80th meeting and that the updated Agreement superseded that reached at the 79th meeting.

(Decision 80/31)

(b) 2017 consolidated project completion report

104. The Senior Monitoring and Evaluation Officer introduced document UNEP/OzL.Pro/ExCom/80/13.

105. The Executive Committee decided:

- (a) To note the 2017 consolidated project completion report (PCR) contained in document UNEP/OzL.Pro/ExCom/80/13;
- (b) To urge bilateral and implementing agencies to submit to the 81st meeting the PCRs for multi-year agreements (MYAs) and individual projects that were due, and if they were not going to submit them, to provide the reasons for not doing so and the schedule for submission;
- (c) To urge lead and cooperating agencies to closely coordinate their work in finalizing their portion of PCRs to allow the lead implementing agency to submit the completed PCRs according to schedule;
- (d) To urge bilateral and implementing agencies to enter clear, well written and thorough lessons when submitting their PCRs; and
- (e) To invite all those involved in the preparation and implementation of MYAs and individual projects to take into consideration the lessons learned from PCRs, if relevant, when preparing and implementing future projects.

(Decision 80/32)

AGENDA ITEM 8: BUSINESS PLANNING

(a) Update on the status of implementation of the 2017–2019 consolidated business plan of the Multilateral Fund

106. The representative of the Secretariat introduced document UNEP/OzL.Pro/ExCom/80/14.

107. The Executive Committee took note of the update on the implementation of the 2017–2019 consolidated business plan of the Multilateral Fund contained in document UNEP/OzL.Pro/ExCom/80/14.

(b) Tranche submission delays

108. The representative of the Secretariat introduced document UNEP/OzL.Pro/ExCom/80/15. She recalled that, under agenda item 7(a), Status reports and reports on projects with specific reporting requirements, the request by the Government of Bahrain to defer consideration of the third tranche of stage I of the HPMP for Bahrain had been approved, and that it should no longer be included in Annex I to the document.

109. The Executive Committee decided:

- (a) To note:
 - (i) The report on tranche submission delays contained in document UNEP/OzL.Pro/ExCom/80/15;

- (ii) The information on tranche submission delays under HCFC phase-out management plans (HPMPs) submitted by the Governments of France and Japan, and UNDP, UNEP, UNIDO and the World Bank;
 - (iii) That 28 out of 69 activities related to tranches of HPMPs due for submission to the 80th meeting had been submitted on time;
 - (iv) That relevant implementing agencies had indicated that the late submission of tranches of HPMPs due for submission at the third meeting of 2017 would have no impact, or was unlikely to have an impact, on compliance with the Montreal Protocol, and that there had been no indication that any of the countries concerned were in non-compliance with the Montreal Protocol control measures; and
- (b) To request the Secretariat to send letters to the relevant governments regarding the decisions on tranche submission delays contained in Annex VII to the present report.

(Decision 80/33)

(c) Consolidated 2018–2020 business plan of the Multilateral Fund

110. The representative of the Secretariat introduced document UNEP/OzL.Pro/ExCom/80/16.

111. One member highlighted adjustments to the funding required for the HPPMP for China in the 2018–2020 consolidated business plan, and enquired whether the proposed reductions took into account the phase-out needs of the production sector in the country. It was pointed out that the wording in the proposed decision, which stated that endorsement of the consolidated business plan denoted approval neither of the projects nor of their funding or tonnage levels, indicated that there was no prejudgment with regard to the individual projects.

112. On the matter of workload, some members pointed out that responsibilities under the Kigali Amendment and in other areas would entail additional work in the future for the Multilateral Fund's institutions.

113. Discussions also took place on whether activities related to stage III of HPMPs should be included in the business plan (see agenda items 8(d)(ii), 2018–2020 business plan of UNDP, and 8(d)(iii), 2018–2020 business plan of UNEP, below).

114. The Executive Committee decided:

- (a) To note the consolidated business plan of the Multilateral Fund for 2018–2020 contained in document UNEP/OzL.Pro/ExCom/80/16;
- (b) To adjust the business plan as proposed by the Secretariat in document UNEP/OzL.Pro/ExCom/80/16;
- (c) To further adjust the business plan as proposed at the 80th meeting during the discussions and/or during the presentation of the business plans by bilateral and implementing agencies:
 - (i) By adding to the 2018 business plan HCFC phase-out management plans (HPMPs) and institutional strengthening activities from the 2017 business plan that had been deferred at the 80th meeting;

- (ii) By taking into account the values approved in principle for new HPMPs at the 80th meeting;
- (iii) By removing:
 - a. Activities related to stage III of HPMPs;
 - b. Project activities related to the Democratic People's Republic of Korea;
- (iv) By adjusting the agency support cost for HFC enabling activities to seven per cent of the project costs;
- (v) By prorating, pursuant to any decision taken by the Twenty-Ninth Meeting of the Parties on the level of replenishment of the Multilateral Fund for the 2018–2020 triennium, new HCFC and HFC activities in order to reach the total budget for the 2018–2020 business plan;
- (d) To request bilateral and implementing agencies to include in their business plans the activities in stage II of the HPMPs for Mauritania and Syrian Arab Republic that had not been included;
- (e) To endorse the consolidated business plan of the Multilateral Fund for 2018–2020, as adjusted according to sub-paragraphs (b) and (c) above, while noting that endorsement denoted neither approval of the projects identified therein nor their funding or tonnage levels; and
- (f) To request the Secretariat to submit to the 81st meeting a document on the implications for Multilateral Fund institutions in terms of expected workload in the coming years, including in relation to the Kigali Amendment for the phase-down of HFCs.

(Decision 80/34)

(d) 2018–2020 business plans of the bilateral and implementing agencies

(i) Bilateral agencies

115. The representative of the Secretariat introduced document UNEP/OzL.Pro/ExCom/80/17.

116. Some members expressed concern regarding the amount by which the Government of Germany's bilateral contribution in the 2015–2017 business plan exceeded the permitted threshold of 20 per cent of its pledged contribution, even though the amount of the 2018–2020 replenishment was as yet unknown. The member from the Government of Germany clarified that the inflated numbers in the business plan were in part due to implementation delays. He further explained that there was some confusion regarding the accounting of bilateral contributions and additional voluntary contributions, which could be resolved through detailed discussions with the Secretariat. He also pointed out that it was necessary to await the upcoming decision by the Parties to the Montreal Protocol on the level of the 2018–2020 replenishment, so that Germany's business plan amounts could be adjusted.

117. One member expressed the view that, despite real concerns about the matter of exceeding the 20 per cent threshold, it was important to recognize and encourage the transparency shown by the Government of Germany in the matter of its bilateral contributions. In response to a question, and in order to clarify next steps, the representative of the Secretariat explained that the Executive Committee could note the business plan for Germany at the current meeting, and that the Government of Germany could submit another

business plan at the 81st meeting with funding requests within the 20 per cent threshold, as had been done in the past.

118. The Executive Committee decided:

- (a) To note the bilateral agencies' business plans for 2018–2020 submitted by the Governments of Germany, Italy and Japan contained in document UNEP/OzL.Pro/ExCom/80/17; and
- (b) That Germany's 2018–2020 business plan should be reconsidered at the 81st meeting in the light of the bilateral activity allocation for the 2018–2020 triennium.

(Decision 80/35)

(ii) UNDP

119. The representative of UNDP introduced document UNEP/OzL.Pro/ExCom/80/18.

120. Regarding the planned activities for 2018–2020, one member queried the inclusion of activities related to stage III of HPMPs within the activities required for compliance. Another member, while acknowledging that stage III activities were not strictly required for compliance, stressed the importance of those activities for Article 5 countries, due to the flexibility they gave to companies with regard to HCFC consumption at the commencement of stage III, and the boost given to the phase-down of HFCs in the service sector when implementing activities in accordance with the Kigali Amendment. The representative of the Secretariat said that activities related to stage III of HPMPs could be removed from the UNDP business plan and from the consolidated business plan.

121. The Executive Committee decided:

- (a) To note the UNDP business plan for 2018–2020 contained in document UNEP/OzL.Pro/ExCom/80/18, as amended; and
- (b) To approve the performance indicators for UNDP as set out in Annex VIII to the present report.

(Decision 80/36)

(iii) UNEP

122. The representative of UNEP introduced document UNEP/OzL.Pro/ExCom/80/19.

123. The Executive Committee recalled the removal of the HPMP stage III from all the business plans, and agreed to the inclusion in the UNEP business plan of assistance to Haiti for the preparation and implementation of enabling activities in support of the Kigali Amendment.

124. The Executive Committee decided:

- (a) To note the UNEP business plan for 2018–2020 contained in document UNEP/OzL.Pro/ExCom/80/19, as amended;
- (b) To add enabling activities for HFC phase-down for Haiti to the UNEP business plan for 2018–2020; and

- (c) To approve the performance indicators for UNEP as set out in Annex IX to the present report.

(Decision 80/37)

(iv) UNIDO

125. The representative of UNIDO introduced document UNEP/OzL.Pro/ExCom/80/20.

126. One member queried the inclusion in the UNIDO business plan of potential project preparation activities in the production sector for the Democratic People's Republic of Korea, when, by decision 79/31, the Executive Committee had decided to remove project proposals for that Party from UNIDO's work programme in the context of United Nations Security Council Resolution 2321. The representative of UNIDO said that the request for funding of those activities would be submitted only in the event that the conditions set by decision 79/31 had been satisfied. The Committee agreed, in the meantime, to remove any project activities related to the Democratic People's Republic of Korea from the UNIDO business plan.

127. The Executive Committee decided:

- (a) To note the UNIDO business plan for 2018–2020 contained in document UNEP/OzL.Pro/ExCom/80/20, as amended; and
- (b) To approve the performance indicators for UNIDO as set out in Annex X to the present report.

(Decision 80/38)

(v) World Bank

128. The representative of the World Bank introduced document UNEP/OzL.Pro/ExCom/80/21.

129. The Executive Committee decided:

- (a) To note the World Bank business plan for 2018–2020 contained in document UNEP/OzL.Pro/ExCom/80/21; and
- (b) To approve the performance indicators for the World Bank as set out in Annex XI to the present report.

(Decision 80/39)

AGENDA ITEM 9: PROJECT PROPOSALS

(a) Overview of issues identified during project review

130. The representative of the Secretariat introduced document UNEP/OzL.Pro/ExCom/80/22.

Deadline for submission of projects over US \$5 million

131. The Executive Committee decided to request bilateral and implementing agencies to submit projects with a cost exceeding US \$5 million, excluding agency support costs and irrespective of the level

of funding requested of the Multilateral Fund, no later than 12 weeks in advance of the Executive Committee meeting at which they were to be considered, in line with decision 20/7(a).

(Decision 80/40)

HFC-related projects submitted to the 80th meeting for funding under additional contributions to the Multilateral Fund

Funding requests for enabling activities

132. The representative of the Secretariat introduced the sub-item.

133. One member sought confirmation regarding when the 18-month implementation period would begin, expressing concern that, while that had been decided by the Executive Committee, the short timeframe might compromise the successful completion of the enabling activities. It was clarified that project commencement was usually counted as the date of approval, yet, in view of the time needed to transfer funds for the projects from the Treasurer to the implementing agencies, all enabling activities were scheduled to commence on 1 January 2018 and to conclude on 30 June 2019.

134. In response to a query about the sources of funding for enabling activities under the Kigali Amendment implemented by the Government of Germany as the bilateral agency, the representative of the Government of Germany confirmed that those activities would be financed from the country's additional voluntary contributions and not from its regular contributions to the Multilateral Fund.

135. One member noted that the projects under review included agency support costs of nine per cent, and proposed that, as the activities involved were more akin to institutional strengthening than to technical assistance, a seven per cent support cost rate should be applied for those projects, for all bilateral and implementing agencies. The Committee agreed to apply that rate when approving enabling activities for Article 5 countries.

136. The Executive Committee decided:

- (a) To approve the enabling activities submitted by 59 Article 5 countries contained in the respective documents on bilateral cooperation, and UNDP, UNEP, UNIDO and World Bank work programme amendments;
- (b) To adjust the related agency support costs to seven per cent of the total cost of the activities mentioned in sub-paragraph (a) above; and
- (c) To request the Treasurer, in consultation with the Secretariat, to offset funding to relevant bilateral agencies and transfer funding to relevant implementing agencies from the additional voluntary contributions provided by the group of non-Article 5 Parties for the enabling activities mentioned in sub-paragraph (a), above, as soon as the total amount of US \$8,270,000, plus agency support costs of US \$578,900, was available to cover all such activities.

(Decision 80/41)

Funding requests for the preparation of HFC-related investment projects and fully developed stand-alone projects

137. The representative of the Secretariat said that it might not be possible to fund all the requests for project preparation for HFC investment projects and the fully developed investment projects using the

additional contributions to the Multilateral Fund currently available. She sought the Executive Committee's guidance on the source of the funding and on the selection of projects to be approved.

138. During the discussion, some members were agreeable to approving all project preparation requests and fully developed projects in principle, with the funds to be transferred to the relevant bilateral and implementing agencies when available. Other members were of the view that only some project preparation requests should be approved and that the four investment projects should be deferred to the 81st meeting where the Executive Committee could choose the best projects, including from among the new ones that would be submitted at that meeting. Some members noted the importance of approving a few, if not all, of the fully developed investment projects at the present meeting to provide a positive signal to those countries that were ready to take action at this time.

139. The Executive Committee agreed to establish a contact group to further discuss the best approach to resolve the matter.

140. Following the report of the contact group, the Executive Committee decided:

- (a) To approve the stand-alone HFC investment project for the conversion of a domestic refrigerator manufacturing facility from HFC-134a to isobutane as a refrigerant and conversion of a compressor manufacturing facility from HFC-134a-based compressors to isobutane-based compressors at Walton Hitech Industries Limited, in Bangladesh, for UNDP; and
- (b) To approve the requests for funding for the preparation of the following stand-alone HFC investment projects as contained in the work programme amendments for UNDP, UNIDO and the World Bank for 2017:

In the domestic refrigeration sector:

- (i) Replacement of HFC-134a with R-600a in domestic refrigeration manufacturing at Lematic Industries, in Lebanon;
- (ii) Conversion from HFC-134a to R-600a in the manufacture of domestic refrigerators at Capri, in Zimbabwe;

In the commercial refrigeration sector:

- (iii) Conversion from HFC-134a to HC-290 in the manufacture of stand-alone, self-contained commercial refrigerators at Farco, in the Dominican Republic;
- (iv) Replacement of HFC-134a with R-600a in self-contained commercial refrigeration equipment at Ecasa, in Ecuador;
- (v) Replacement of HFC-134a with R-290 in self-contained commercial refrigeration equipment at Imbera enterprise, in Mexico;
- (vi) Conversion from HFC to HFO-based or low-global-warming-potential alternatives in the production of commercial refrigeration equipment at Pattana Intercool, in Thailand;

In the foam sector:

- (vii) Conversion from HFC-245fa to HFO as a foam agent in a refrigerator manufacturer, in China; and

- (viii) Conversion from HFC-134a to HFO-1234ze and other liquid HFOs in the manufacture of polyurethane/pour in place and spray foam, in Egypt.

(Decision 80/42)

Funding requests for preparation of HFC-23 demonstration projects

141. The representative of the Secretariat sought advice from the Executive Committee on the source of funding for two requests for HFC-23 demonstration projects, noting that, pursuant to decision 79/47(g), had been submitted to the 81st meeting. She pointed out that the additional voluntary contributions provided by non-Article 5 parties were being prioritized for enabling activities, to be followed by HFC-related investment projects in the consumption sector.

142. In discussing the two funding requests, some members noted that the project being proposed by UNDP should go forward because it described the technology that would be demonstrated, while project proposed by the World Bank appeared to be a study rather a demonstration project.

143. The contact group established above to discuss the funding requests for preparation of HFC-related investment projects and fully developed stand-alone HFC investment projects also considered the issue of funding requests for the preparation of HFC-23 demonstration projects.

144. Following the recommendation of the contact group, the Executive Committee decided to approve the funding request for the preparation of a technology demonstration project to convert HFC-23 by-product to valuable organic halides by reaction with hydrogen and carbon dioxide for Liaocheng Fuer New Material Technology Ltd, in China, as contained in the UNDP work programme amendments for 2017.

(Decision 80/43)

Blanket approval

Project and activities submitted for blanket approval

145. The Executive Committee agreed to remove from the list of projects submitted for blanket approval the request for the third tranche of stage I of the HPMP for the Bahamas and the request for the second tranche of the solvent sector plan of stage II of the HPMP for China, and to consider them individually under agenda item 9(f), Investment projects.

146. The Executive Committee decided:

- (a) To approve the projects and activities submitted for blanket approval, as amended, at the levels of funding indicated in Annex XII to the present report, together with the conditions or provisions included in the corresponding project evaluation documents and the conditions attached to the projects by the Executive Committee; and
- (b) That, for projects related to renewal of institutional strengthening, blanket approval included approval of the observations to be communicated to recipient governments, as contained in Annex XIII to the present report.

(Decision 80/44)

(b) Bilateral cooperation

147. The representative of the Secretariat introduced document UNEP/OzL.Pro/ExCom/80/23. She recalled that the document included two submissions from the Government of France and four submissions from the Government of Germany on HCFC-related activities that were part of the list submitted for blanket approval or considered under agenda item 9(f), Investment projects. Noting that the document also included six submissions on enabling activities for HFC phase-down, four from the Government of Italy and two from the Government of Germany, and one request for project preparation for an HFC-related project from the Government of Germany, she recalled that, during discussion of agenda item 9(a), Overview of issues identified during project review, it had been agreed that the approval of enabling activities for bilateral agencies would be discussed under the present agenda item, and that the project preparation request had been referred to the contact group on HFC-related investment and demonstration projects constituted following the discussion under agenda item 9(a).

148. With regard to HCFC-related activities submitted by the Government of Germany, it was suggested that any decision be taken only following the completion of discussions on how the Government of Germany intended to stay within the 20 per cent threshold of its pledged contribution for 2015–2017 triennium, which would depend on the funding approvals at the present meeting.

149. In response to a query on the funding source for the enabling activities, the representation from the Government of Germany informed the Committee that the Government of Italy intended to fund its proposed HFC enabling activities with the additional contribution that had already been transferred to the Fund, as reflected in the report of the 79th meeting. He further confirmed that the Government of Italy was open to considering an agency fee of seven per cent as per the decision of the Executive Committee. Funding for the enabling activities from the Government of Germany would be from its additional voluntary contribution to the Fund.

150. The Executive Committee decided:

- (a) With regard to HCFC-related projects, to request the Treasurer to offset the costs of the bilateral projects approved at the 80th meeting as follows:
 - (i) US \$610,203 (including agency fees) against the balance of the bilateral contribution of the Government of France for 2017;
 - (ii) US \$1,341,252 (including agency fees) against the balance of bilateral contribution of the Government of Germany for 2015–2017;
- (b) With regard to enabling activities for HFC phase-down, to approve the following activities and to request the Treasurer to offset the costs from the additional voluntary contributions from the Multilateral Fund:
 - (i) US \$304,950 (including agency fees) against the additional voluntary contribution to the Multilateral Fund of the Government of Germany, consisting of US \$95,000, plus agency support costs of US \$6,650, each for Liberia, Papua New Guinea and Seychelles; and
 - (ii) US \$208,650 (including agency fees) against the additional voluntary contribution to the Multilateral Fund of the Government of Italy additional voluntary contribution to the Multilateral Fund, consisting of US \$40,000, plus agency support costs of US \$2,800, each for Lesotho, Maldives and Rwanda, and US \$75,000, plus agency support costs of US \$5,250, for Tunisia; and

- (c) Not to approve the request for project preparation for conversion of a mobile air-conditioning production line from HFC-134a to CO₂ in China, submitted by the Government of Germany.

(Decision 80/45)

(c) Amendments to work programmes for 2017

(i) UNDP

151. Document UNEP/OzL.Pro/ExCom/80/24 contained the work programme amendments of UNDP for 2017, which consisted of 22 activities, including five requests for institutional strengthening renewal projects, which had been approved as part of the list submitted for blanket approval under agenda item 9(a), Overview of issues identified during project review; ten requests for enabling activities for HFC phase-down, which had also been approved under agenda item 9(a); and six requests for project preparation for HFC-related projects and one request for project preparation for a demonstration project for HFC-23 by-product mitigation or conversion, which had been for individual consideration and had been referred to the contact group on HFC-related investment and demonstration projects constituted following the discussions under agenda item 9(a).

Enabling activities for HFC phase-down

152. Noting decision 80/41 under agenda item 9(a), Overview of issues identified during project review, the Executive Committee decided to approve the following requests by UNDP for enabling activities for HFC phase-down, to be funded from the additional voluntary contributions of non-Article 5 countries:

- (a) In Chile, in the amount of US \$33,000, plus agency support costs of US \$2,310;
- (b) In Uruguay, in the amount of US \$100,000, plus agency support costs of US \$7,000;
- (c) In Costa Rica, Fiji, Jamaica, Lebanon, Peru and Trinidad and Tobago, each in the amount of US \$150,000, plus agency support costs of US \$10,500;
- (d) In China, in the amount of US \$165,000, plus agency support costs of US \$11,550; and
- (e) In Colombia, in the amount of US \$250,000, plus agency support costs of US \$17,500.

(Decision 80/46)

Project preparation for HFC-related projects

153. Noting decision 80/42 under agenda item 9(a), Overview of issues identified during project review, the Executive Committee decided:

- (a) To approve the following requests by UNDP for project preparation, each in the amount of US \$30,000, plus agency support costs of US \$2,100, to be funded from the additional voluntary contributions of non-Article 5 countries, on the understanding that the approval of project preparation did not denote approval of the project proposal or its level of funding when submitted for consideration by the Executive Committee:
 - (i) Conversion from HFC-245fa to HFO as a foam agent in a refrigerator manufacturer, in China;

- (ii) Conversion from HFC-134a to HC-290 in the manufacture of stand-alone, self-contained commercial refrigerators at Farco, in the Dominican Republic;
 - (iii) Conversion from HFC-134a to HFO-1234ze and other liquid HFOs in the manufacture of polyurethane/pour in place and spray foam, in Egypt;
 - (iv) Conversion from HFC-134a to R-600a in the manufacture of domestic refrigerators at Capri, in Zimbabwe;
- (b) Not to approve the following requests:
- (i) Air-conditioning and production line optimization from HFC-134a to HFO-1234yf as refrigerant in a mobile air-conditioning manufacturer, in China; and
 - (ii) Conversion from HFC-134a to HC-290 in a domestic freezer manufacturer (Qingdao Haier), in China.

(Decision 80/47)

Project preparation for demonstration projects for HFC-23 by-product mitigation or conversion

154. Noting decision 80/43 under agenda item 9(a), Overview of issues identified during project review, the Executive Committee decided to approve the request by UNDP for funding of the preparation of a technology demonstration project to convert HFC-23 by-product to valuable organic halides by reaction with hydrogen and carbon dioxide for Liaocheng Fuer New Material Technology Ltd., in China, in the amount of US \$30,000, plus agency support costs of US \$2,100, to be funded by additional voluntary contributions from non-Article 5 countries.

(Decision 80/48)

(ii) UNEP

155. Documents UNEP/OzL.Pro/ExCom/80/25 and Add.1 contained the work programme amendments of UNEP for 2017, which consisted of 59 activities, including 22 requests for institutional strengthening renewal projects and six requests for technical assistance for preparation for verification reports, which had been approved as part of the list submitted for blanket approval under agenda item 9(a), Overview of issues identified during project review, and 31 requests for enabling activities for HFC phase-down, which had also been approved under agenda item 9(a),

Enabling activities for HFC phase-down

156. Noting decision 80/41 under agenda item 9(a), Overview of issues identified during project review, the Executive Committee decided to approve the following requests by UNEP for enabling activities for HFC phase-down, to be funded from the additional voluntary contributions of non-Article 5 countries:

- (a) In Mexico, in the amount of US \$30,000, plus agency support costs of US \$2,100;
- (b) In Chile, in the amount of US \$31,000, plus agency support costs of US \$2,170;
- (c) In Bhutan, Dominica, Palau, Saint Vincent and the Grenadines and Tonga, each in the amount of US \$50,000, plus agency support costs of US \$3,500;
- (d) In Lesotho, Maldives and Rwanda, each in the amount of US \$55,000, plus agency support costs of US \$3,850;

- (e) In the Sudan, in the amount of US \$75,000, plus agency support costs of US \$5,250;
- (f) In China, in the amount of US \$85,000, plus agency support costs of US \$5,950;
- (g) In Eritrea, Kyrgyzstan, Mongolia, Saint Lucia, Suriname and Zambia, each in the amount of US \$95,000, plus agency support costs of US \$6,650;
- (h) In Angola, Cambodia, the Dominican Republic, Ecuador, Gabon, Ghana, Guatemala, Namibia, Senegal, Togo, Turkmenistan and Zimbabwe, each in the amount of US \$150,000, plus agency support costs of US \$10,500; and
- (i) In Nigeria, in the amount of US \$250,000, plus agency support costs of US \$17,500.

(Decision 80/49)

(iii) UNIDO

157. Documents UNEP/OzL.Pro/ExCom/80/26 and Corr.1 contained the work programme amendments of UNIDO for 2017, which consisted of 30 activities, including three requests for institutional strengthening renewal projects and two requests for technical assistance for preparation for verification reports, which had been approved as part of the list submitted for blanket approval under agenda item 9(a), Overview of issues identified during project review; 18 requests for enabling activities for HFC phase-down, which had also been approved under agenda item 9(a); and seven requests for project preparation for HFC-related projects, which had been for individual consideration and had been referred to the contact group on HFC-related investment and demonstration projects constituted following the discussion under agenda item 9(a).

Enabling activities for HFC phase-down

158. Noting decision 80/41 under agenda item 9(a), Overview of issues identified during project review, the Executive Committee decided to approve the following requests by UNIDO for enabling activities for HFC phase-down, to be funded from the additional voluntary contributions of non-Article 5 countries:

- (a) In Montenegro and Uruguay, each in the amount of US \$50,000, plus agency support costs of US \$3,500;
- (b) In the Sudan and Tunisia, each in the amount of US \$75,000, plus agency support costs of US \$5,250;
- (c) In Chile, in the amount of US \$86,000, plus agency support costs of US \$6,020;
- (d) In Albania, Bosnia and Herzegovina, the Gambia and the former Yugoslav Republic of Macedonia, each in the amount of US \$95,000, plus agency support costs of US \$6,650;
- (e) In Armenia, Burkina Faso, Cameroon, Congo (Republic of), Serbia and Somalia, each in the amount of US \$150,000, plus agency support costs of US \$10,500;
- (f) In Mexico, in the amount of US \$220,000, plus agency support costs of US \$15,400; and
- (g) In Turkey and Viet Nam, each in the amount of US \$250,000, plus agency support costs of US \$17,500.

(Decision 80/50)

Project preparation for HFC-related projects

159. Noting decision 80/42 under agenda item 9(a), Overview of issues identified during project review, the Executive Committee decided:

- (a) To approve the following requests by UNIDO for project preparation, each in the amount of US \$30,000, plus agency support costs of US \$2,100, to be funded from the additional voluntary contributions of non-Article 5 countries, on the understanding that the approval of project preparation did not denote approval of the project proposal or its level of funding when submitted for consideration by the Executive Committee:
 - (i) Replacement of HFC-134a with R-600a in self-contained commercial refrigeration equipment at Ecasa, in Ecuador;
 - (ii) Replacement of HFC-134a with R-600a in domestic refrigeration manufacturing at Lematic Industries, in Lebanon;
 - (iii) Replacement of HFC-134a with R-290 in self-contained commercial refrigeration equipment at Imbera enterprise, in Mexico;
- (b) Not to approve the following requests:
 - (i) Replacement of HFC-134a with R-600a in self-contained commercial refrigeration equipment at Induglob, in Ecuador;
 - (ii) Replacement of HFC-134a with R-290 and R-744 in self-contained commercial refrigeration equipment at Fersa enterprise, in Mexico;
 - (iii) Replacement of HFC-134a with R-600a in domestic refrigeration equipment at Manar enterprise, in Morocco; and
 - (iv) Replacement of HFC-134a with R-600a in domestic refrigerators at Nagakawa Vietnam Company, in Viet Nam.

(Decision 80/51)

(iv) World Bank

160. Document UNEP/OzL.Pro/ExCom/80/27 contained the work programme amendments of the World Bank for 2017, which consisted of five activities, including three requests for enabling activities for HFC phase-down, which had been approved under agenda item 9(a), Overview of issues identified during project review; and one request for project preparation for HFC-related projects and one request for project preparation for demonstration projects for HFC-23 by-product mitigation or conversion, which had been for individual consideration and had been referred to the contact group on HFC-related investment and demonstration projects constituted following the discussion under agenda item 9(a).

Enabling activities for HFC phase-down

161. Noting decision 80/41 under agenda item 9(a), Overview of issues identified during project review, the Executive Committee decided to approve the requests by the World Bank for enabling activities for HFC phase-down in Malaysia, the Philippines and Thailand, each in the amount of US \$250,000, plus

agency support costs of US \$17,500, to be funded from the additional voluntary contributions of non-Article 5 countries.

(Decision 80/52)

Project preparation for HFC-related projects

162. Noting decision 80/42 under agenda item 9(a), Overview of issues identified during project review, the Executive Committee decided to approve the request by the World Bank for project preparation for the conversion from HFC to HFO-based or other low-global-warming-potential alternatives in the production of commercial refrigeration equipment at Pattana Intercool, in Thailand, in the amount of US \$30,000, plus agency support costs of US \$2,100, to be funded from the additional voluntary contributions of non-Article 5 countries, on the understanding that the approval of project preparation did not denote approval of the project proposal or its level of funding when submitted for consideration by the Executive Committee.

(Decision 80/53)

Project preparation for demonstration projects for HFC-23 by-product mitigation or conversion

163. Noting decision 80/43 under agenda item 9(a), Overview of issues identified during project review, the Executive Committee decided not to approve the request by the World Bank for project preparation for a technology demonstration project for HFC-23 by-product conversion at Shandong Dongyue Chemical Co. Ltd., in China.

(Decision 80/54)

(d) Review of the overall structure of the Compliance Assistance Programme (decision 77/38(c)) and UNEP's Compliance Assistance Programme budget for 2018

164. The representative of the Secretariat introduced document UNEP/OzL.Pro/ExCom/80/28.

165. On the matter of the review of the overall structure of the CAP, its operations and regional structure, one member urged prudence with regard to making decisions about the programme before the review had been completed. In particular, vacant positions should not be filled until a new structure had been found based on the completed review. It was important to ensure that the CAP remained useful as it evolved, so that it could keep addressing emerging needs and new challenges in Article 5 countries. It was also considered to be worth reiterating that resources provided to the CAP should be used solely for the purposes of that programme, and not used for any other UNEP activities. Another member pointed out that the close monitoring of the CAP in recent years had led to requests for smaller budget increases on the one hand, and to the efficient management of the funds provided to the CAP by the Multilateral Fund on the other, resulting in the return of unused funds. In response to a question about the size of the amount returned to the Multilateral Fund at the present meeting, the representative of UNEP explained that unstaffed positions and the move to UNESCO headquarters, where the CAP was being hosted by UNEP Paris, had made it possible to cut operating costs substantially. Several members recognized the valuable services that UNEP, through the CAP, was providing to Article 5 countries. A number of members also expressed the hope that the CAP would continue to be of valuable assistance to countries in carrying out their HFC phase-down activities.

166. The Executive Committee decided:

- (a) To approve UNEP's Compliance Assistance Programme (CAP) activities and budget for 2018 in the amount of US \$9,863,000, plus agency support costs of eight per cent, amounting to US \$789,040, as contained in Annex XIV to the present report;
- (b) To request UNEP to provide:
 - (i) A final report to the 81st meeting on the review of the overall structure of the CAP and its operations and regional structure in addressing emerging needs and new challenges in Article 5 countries;
 - (ii) A final report to the 82nd meeting on the four global activities (national ozone officer training programme, refrigerant drivers licence programme, global training programme for the refrigeration servicing sector, and ODS management in the fisheries sector) which were identified in the 2016–2018 three-year rolling strategy, providing details on the overall cost, achievements and outputs and how these had contributed to the compliance for Article 5 countries within the CAP mandate, in line with decision 75/38(c)(i);
- (c) To further request UNEP, in future submissions of the CAP budget, to continue:
 - (i) Providing detailed information on the activities for which the global funds would be used;
 - (ii) Extending the prioritization of funding between CAP budget lines so as to accommodate changing priorities, and to provide details, pursuant to decisions 47/24 and 50/26, on the reallocations made;
 - (iii) Reporting on the current post levels of CAP staff and informing the Executive Committee of any changes thereto, particularly with respect to any increased budget allocations; and
 - (iv) Providing a budget for the year in question, and a report on the estimated costs incurred in the previous year, noting sub-paragraphs (c)(ii) and (c)(iii) above.

(Decision 80/55)

(e) 2018 core unit costs for UNDP, UNIDO and the World Bank

167. The representative of the Secretariat introduced documents UNEP/OzL.Pro/ExCom/80/29, Corr.1 and Corr.2.

168. The Secretariat was asked to explain why UNIDO's request for an additional US \$100,000 for HFC-related work in 2018 had not been reflected in the Secretariat's recommendation. The representative of the Secretariat explained that the budget reflected the decision of the Executive Committee to allow a 0.7 per cent annual increase for UNIDO. The representative of UNIDO explained that the additional costs of US \$170,000 in 2017, and the expected increase of US \$100,000 for 2018, were in response to the Executive Committee's encouragement for early action in relation to the Kigali Amendment (decision 79/46(e)). While UNIDO was not requesting reimbursement of the additional expenditure in 2017, it was asking for an additional US \$100,000 to cover the expected costs for 2018.

169. The implementing agencies were asked to bear in mind actual staffing needs when requesting support costs. The hiring of any additional expertise had to be related to the projects that had been approved

by the Committee, and the staffing needs had to be driven by the specific work requested by the Executive Committee.

170. The Executive Committee decided:

- (a) To note:
 - (i) The report on the 2018 core unit costs for UNDP, UNIDO and the World Bank contained in documents UNEP/OzL.Pro/ExCom/80/29, Corr.1 and Corr.2;
 - (ii) The use of the revised format for reporting administrative costs by UNDP, UNIDO and the World Bank, pursuant to decision 79/41(e);
 - (iii) With appreciation, that the World Bank's core unit operation was again below its budgeted level and that it would be returning unused balances of US \$62,476 to the Multilateral Fund at the 80th meeting;
- (b) To approve the requested core unit budgets for:
 - (i) UNDP in the amount of US \$2,069,385;
 - (ii) UNIDO in the amount of US \$2,069,385; and
 - (iii) The World Bank in the amount of US \$1,735,000.

(Decision 80/56)

(f) Investment projects

Stage I of HPMPs

Mauritania: HCFC phase-out management plan (stage I - first tranche) (UNEP/UNDP)

171. The representative of the Secretariat introduced document UNEP/OzL.Pro/ExCom/80/44.

172. It was observed that, while 90 per cent of tranche distribution was due to take place between the years 2017 and 2022, the total reduction in consumption for that period was only 10 per cent. There was a need for a better balance between tranche disbursement and consumption reduction targets.

173. Following a discussion to clarify the equitable distribution of tranches of funding, the Executive Committee decided:

- (a) To approve, in principle, stage I of the HCFC phase-out management plan (HPMP) for Mauritania for the period 2017 to 2025 to reduce HCFC consumption by 67.5 per cent of the baseline, in the amount of US \$668,175, consisting of US \$302,500, plus agency support costs of US \$39,325 for UNEP, and US \$305,000, plus agency support costs of US \$21,350 for UNDP;
- (b) To note with appreciation the efforts made by the Government of Mauritania to re-establish its legal and institutional framework for the effective implementation of Montreal Protocol activities in order to meet its obligations;
- (c) To note that the starting point for aggregate reduction in HCFC consumption had been estimated at 6.60 ODP tonnes;

- (d) To deduct 4.46 ODP tonnes of HCFCs from the starting point for sustained aggregate reduction in HCFC consumption;
- (e) To approve the Agreement between the Government of Mauritania and the Executive Committee for the reduction in consumption of HCFCs, contained in Annex XV to the present report, on the understanding that the clause on reductions in funding for failure to comply (Appendix 7-A) would not be applied in the event that the verified level of HCFC consumption was higher than the estimated starting point of 6.60 ODP tonnes;
- (f) To request the Fund Secretariat, in the event that the starting point was revised, to update Appendices 1-A and 2-A to the Agreement to include the revised figures for maximum allowable consumption, and to notify the Executive Committee of the resulting levels of maximum allowable consumption and any potential related impact on the eligible funding level, with any necessary adjustments being made when the next tranche was submitted; and
- (g) To approve the first tranche of stage I of the HPMP for Mauritania and the corresponding implementation plan, in the amount of US \$281,850, consisting of US \$150,000, plus agency support costs of US \$19,500 for UNEP, and US \$105,000, plus agency support costs of US \$7,350 for UNDP, on the understanding that the comprehensive survey to determine the actual level of HCFC consumption in Mauritania would be undertaken and independently verified prior to submission and approval of the second funding tranche.

(Decision 80/57)

Stage II of HPMPs

Kenya: HCFC phase-out management plan (stage II - first tranche) (the Government of France)

174. The representative of the Secretariat introduced document UNEP/OzL.Pro/ExCom/80/41 and noted that the Government of France had agreed that it would, *inter alia*, discourage technicians from retrofitting equipment designed for non-flammable refrigerants with flammable alternatives.

175. It was recalled that, while the Executive Committee had agreed that it would be possible to accelerate the full phase-out of HCFCs in low-volume-consuming (LVC) countries, Kenya was not an LVC country. There were other concerns relating to: the country's commitment to achieve all HCFC phase-out; the timing of regulations to avoid the risk of there being insufficient refrigerants for the servicing of HCFC-based equipment by 2026; and the impact of some of the project activities on overall HCFC consumption phase-out.

176. Following discussions in an informal contact group to clarify the issues, the Executive Committee decided:

- (a) To approve, in principle, stage II of the HCFC phase-out management plan (HPMP) for Kenya for the period 2017 to 2030 for the complete phase-out of HCFC consumption, in the amount of US \$1,763,850, plus agency support costs of US \$204,023 for the Government of France, on the understanding that no additional funding would be provided to the Government of Kenya for the phase-out of HCFCs;
- (b) To note the commitment of the Government of Kenya:
 - (i) To reduce remaining HCFC consumption by 1 January 2030;

- (ii) To issue a ban on the import of HCFC-based equipment and HCFCs other than HCFC-22 by 31 December 2020;
- (c) Further to note:
 - (i) That Kenya had consumption in the servicing sector only;
 - (ii) That the financial incentive scheme would enhance the sustainability of the training of servicing technicians and would be co-financed by participating end-users;
- (d) To deduct 21.78 ODP tonnes of HCFCs from the remaining HCFC consumption eligible for funding;
- (e) To approve the Agreement between the Government of Kenya and the Executive Committee for the reduction in consumption of HCFCs, in accordance with stage II of the HPMP, contained in Annex XVI to the present report;
- (f) To approve the first tranche of stage II of the HPMP for Kenya, and the corresponding tranche implementation plans, in the amount of US \$456,500, plus agency support costs of US \$52,803 for the Government of France, on the understanding that if Kenya were to decide to proceed with retrofits and associated servicing to flammable and toxic refrigerants in refrigeration and air-conditioning equipment originally designed for non-flammable substances, it would do so assuming all associated responsibilities and risks and only in accordance with the relevant standards and protocols;
- (g) To request the Government of Kenya to submit a letter through the Director, Multilateral Environmental Agreements, no later than 31 December 2017, confirming its commitment to accelerate, full phase-out of HCFCs by 1 January 2030;
- (h) To request the Government of France when submitting the second tranche:
 - (i) To review with the Government of Kenya the implementation plan and strategy of stage II of the HPMP, with a view to considering activities other than those currently included, in order to optimize the effectiveness of the HPMP;
 - (ii) To report on the status of implementation of the ban mentioned in sub-paragraph (b)(ii); and
- (i) To request the Government of France to report on the project management unit expenditures in the tranche progress report along with the measures taken to keep the expenditures below the approved levels.

(Decision 80/58)

Peru: HCFC phase-out management plan (stage II - first tranche) (UNDP/UNEP)

177. The representative of the Secretariat introduced document UNEP/OzL.Pro/ExCom/80/47.
178. Following discussions in a group, during which it was agreed that the proposed distribution of funding tranches should be modified, the Executive Committee decided:
- (a) To approve, in principle, stage II of the HCFC phase-out management plan (HPMP) for Peru for the period from 2017 to 2025 to reduce HCFC consumption by 67.5 per cent of

the baseline, in the amount of US \$1,483,730, consisting of US \$1,167,000, plus agency support costs of US \$81,690 for UNDP, and US \$208,000, plus agency support costs of US \$27,040 for UNEP;

- (b) To note:
 - (i) The commitment of the Government of Peru to reduce HCFC consumption by 67.5 per cent of the baseline by 2025;
 - (ii) That the revised starting point for sustained aggregate reduction in HCFC consumption was 54.79 ODP tonnes, calculated using actual consumption of 27.3 ODP tonnes and 26.45 ODP tonnes reported under Article 7 of the Montreal Protocol for 2009 and 2010, respectively, plus 27.91 ODP tonnes of HCFC-141b contained in imported pre-blended polyol systems;
 - (iii) That during implementation of stage II of the HPMP the Government of Peru could submit a project to phase out the use of HCFC-141b contained in imported pre-blended polyols in the polyurethane foam sector, when proven cost-effective and commercially available low-global-warming-potential technology made it possible;
- (c) To deduct 14.40 ODP tonnes of HCFCs from the remaining HCFC consumption eligible for funding;
- (d) To approve the Agreement between the Government of Peru and the Executive Committee for the reduction in consumption of HCFCs, in accordance with stage II of the HPMP, contained in Annex XVII to the present report; and
- (e) To approve the first tranche of stage II of the HPMP for Peru, and the corresponding tranche implementation plans, in the amount of US \$445,119, consisting of US \$350,100, plus agency support costs of US \$24,507 for UNDP, and US \$62,400, plus agency support costs of US \$8,112 for UNEP.

(Decision 80/59)

Philippines (the): HCFC phase-out management plan (stage II - first tranche) (World Bank)

179. The representative of the Secretariat introduced document UNEP/OzL.Pro/ExCom/80/48.

180. One member said that the activities proposed under stage II of the HPMP were appropriate, but a higher level of commitment from the Government of the Philippines was needed for 2021, given that stage II would result in an actual reduction in HCFC consumption of 54 per cent of the baseline. Another member sought further clarification regarding: how one component of the refrigeration servicing sector project that addressed leakage of R-404A supported HCFC phase-out under the HPMP; the sustainability of the HFC-32 technology option chosen; and allocation of the funding tranches.

181. Further discussion of the matter was referred to informal discussions between interested parties.

182. Following the discussions, the Executive Committee decided:

- (a) To approve, in principle, stage II of the HCFC phase-out management plan (HPMP) for the Philippines for the period 2017 to 2021 to reduce HCFC consumption by 35 per cent of the baseline in 2020 and by 50 per cent in 2021, in the amount of US \$2,750,057, plus agency support costs of US \$192,504 for the World Bank;

- (b) To note the commitment of the Government of the Philippines:
 - (i) To reduce HCFC consumption by 50 per cent by 2021;
 - (ii) To issue, by 31 December 2021, a ban on the manufacture and import of HCFC-22-based air-conditioners with cooling capacity of less than 36,000 BTU/hour;
 - (iii) To issue, upon completion of the conversions of all the eligible enterprises and no later than 1 January 2022, a ban on the use of HCFC-22 in manufacturing of air-conditioning equipment;
- (c) To deduct 24.6 ODP tonnes of HCFCs from the remaining HCFC consumption eligible for funding;
- (d) To request the World Bank to include in the tranche implementation reports the results of the conversion of the air-conditioning manufacturing sector to low-global-warming-potential alternatives, highlighting lessons learned and challenges faced including the Government's efforts to ensure the sustainable adoption of the selected technology in the country and measures to discourage increased penetration of R-410A fixed-speed air-conditioners;
- (e) To approve the Agreement between the Government of the Philippines and the Executive Committee for the reduction in consumption of HCFCs, in accordance with stage II of the HPMP, contained in Annex XVIII to the present report; and
- (f) To approve the first tranche of stage II of the HPMP, and the corresponding tranche implementation plan, in the amount of US \$1,010,023, plus agency support costs of US \$70,701 for the World Bank.

(Decision 80/60)

Timor-Leste: HCFC phase-out management plan (stage II - first tranche) (UNEP/UNDP)

183. The representative of the Secretariat introduced document UNEP/OzL.Pro/ExCom/80/51.
184. One member spoke in favour of moving payment of the second tranche from 2020 to 2021, in order to reduce the risk of delay. The representative of UNEP expressed agreement with that change in funding distribution.
185. The Executive Committee decided:
- (a) To approve, in principle, stage II of the HCFC phase-out management plan (HPMP) for Timor-Leste for the period 2017 to 2025 to reduce HCFC consumption by 78 per cent of the baseline, in the amount of US \$384,107, consisting of US \$206,880, plus agency support costs of US \$26,894 for UNEP, and US \$137,920, plus agency support costs of US \$12,413 for UNDP;
 - (b) To note that the Government of Timor-Leste was committed to the reduction of HCFC consumption by 40 per cent by 2020 and by 78 per cent by 2025, and that the Government was in the process of developing a ban on the import of HCFC-based equipment;
 - (c) To deduct 0.34 ODP tonnes of HCFCs from the remaining HCFC consumption eligible for funding;

- (d) To approve the Agreement between the Government of Timor-Leste and the Executive Committee for the reduction in consumption of HCFCs, in accordance with stage II of the HPMP, contained in Annex XIX to the present report; and
- (e) To approve the first tranche of stage II of the HPMP for Timor-Leste, and the corresponding tranche implementation plans, in the amount of US \$153,740, consisting of US \$83,000, plus agency support costs of US \$10,790 for UNEP, and US \$55,000, plus agency support costs of US \$4,950 for UNDP, on the understanding:
 - (i) That Timor-Leste had consumption in the servicing sector only; and
 - (ii) That the financial incentive scheme would enhance the sustainability of the training of servicing technicians, and that end-users would provide co-financing to participate in the scheme.

(Decision 80/61)

Tranche request of stage I, stage II of HPMPs

Bahamas (the): HCFC phase-out management plan (stage I, third tranche) (UNEP/UNIDO)

186. The Chair introduced document UNEP/OzL.Pro/ExCom/80/31.

187. The request for the third tranche of stage I of the HPMP for the Bahamas was being given individual consideration following its removal from the list for blanket approval under item 9(a), Overview of issues identified during project review.

188. One member expressed appreciation for the fact that the Secretariat had drawn attention to safety concerns associated with the use of R-22a for the retrofitting of appliances using HCFC-22, and that UNEP would consequently conduct a study to explore the best available options.

189. The Executive Committee decided:

- (a) To note the progress report on the implementation of the second tranche of stage I of the HCFC phase-out management plan (HPMP) in the Bahamas;
- (b) To request UNEP to provide an update at the 82nd meeting on the findings of the study to explore the best available options for the pilot project to assess, monitor, and retrofit two air-conditioning systems; and
- (c) To approve the third tranche of stage I of the HPMP for the Bahamas, and the corresponding 2018–2020 tranche implementation plan, in the amount of US \$104,790, consisting of US \$58,175, plus agency support costs of US \$7,563 for UNEP, and US \$35,828, plus agency support costs of US \$3,224 for UNIDO, on the understanding that if the Bahamas were to decide to proceed with retrofits and associated servicing to flammable and toxic refrigerants in refrigeration and air-conditioning equipment originally designed for non-flammable substances, it would do so assuming all associated responsibilities and risks and only in accordance with the relevant standards and protocols.

(Decision 80/62)

Bangladesh: HCFC phase-out management plan (stage I – third and fourth (final) tranches)
(UNDP/UNEP)

190. The representative of the Secretariat introduced document UNEP/OzL.Pro/ExCom/80/32.

191. One member was encouraged that Bangladesh was now making progress after a long delay in signing the project document. Multi-year agreements should be performance-based agreements and, as such, the final tranche should be a significant amount to ensure that project activities could be completed as planned. He therefore supported approval of the delayed tranche for 2015 only. Another member, while also supporting the approval of the 2015 tranche only, was doing so on the understanding that it would not result in further implementation delays, but sought clarification from the implementing agency as to how exactly it affect implementation. The representative of UNDP clarified that postponing the final tranche to 2018 would have consequences that might delay implementation. Further discussion of the matter was referred to informal discussions between interested parties.

192. Following those discussions, the Executive Committee decided:

- (a) To note:
 - (i) The progress report on the implementation of the second tranche of stage I of the HCFC phase-out management plan of (HPMP) for Bangladesh;
 - (ii) That the Fund Secretariat had updated the Agreement between the Government of Bangladesh and the Executive Committee, as contained in Annex XX to the present report, specifically Appendix 2-A with regard to the revised funding schedule which combined the third (US \$18,000 in 2015) and the fourth (US \$17,000 in 2018) tranches, and paragraph 16, which had been added to indicate that the updated Agreement superseded that reached at the 65th meeting;
- (b) To request the Government of Bangladesh, UNDP and UNEP to submit the 2017 verification report by the 82nd meeting, to submit progress reports on the implementation of the work programme associated with the final tranche on an annual basis until the completion of the project, and to submit the project completion report to the first meeting of the Executive Committee in 2019; and
- (c) To approve the third and fourth (final) tranches of stage I of the HPMP for Bangladesh, and the corresponding 2017–2018 tranche implementation plan, in the amount of US \$35,000, plus agency support costs of US \$4,550 for UNEP.

(Decision 80/63)

Brazil: HCFC phase-out management plan (stage II - second tranche)
(UNDP/UNIDO/Germany/Italy)

193. The representative of the Secretariat introduced document UNEP/OzL.Pro/ExCom/80/34.

194. One member said that, with over US \$10 million still undisbursed in stage I and stage II of the HPMP, it was not clear why there was still a need for the additional US \$3.3 million requested for approval at the present meeting, and the Committee should consider delaying approval of that tranche to the 81st meeting. The representative of UNDP responded that the Government of Brazil had committed to issuing a ban on the import and use of HCFC-141b for polyurethane foam as of 1 January 2020, so conversion activities in the foam sector needed to advance at the earliest convenience. Of the first tranche approved under stage II of the HPMP, US \$2 million had been destined for the foam sector; of that,

US \$1 million had been disbursed, and the remaining funds were already fully committed in signed contracts. Consequently, UNDP was not able to sign any new conversion contracts with additional foam enterprises in stage II unless additional funding was approved. The member who had raised the query accordingly suggested that that portion of the tranche required for the foam sector be approved at the present meeting, with the rest of the tranche being resubmitted at the 81st meeting. The representative of Germany clarified that similar considerations as those in the foam sector applied to the refrigeration servicing sector; most funds would be disbursed by the end of the year, and a delay in approval of further funding could make it difficult to conduct further training and to implement outstanding activities in the servicing sector.

195. Following informal consultations, the Executive Committee decided:

- (a) To note:
 - (i) The progress report on the implementation of the first tranche of stage II of the HCFC phase-out management plan (HPMP) in Brazil;
 - (ii) That the Fund Secretariat had updated the Agreement between the Government of Brazil and the Executive Committee, as contained in Annex XXI to the present report, specifically Appendix 2-A to reflect an extension of stage II and revised funding schedule, and paragraph 16, which had been added to indicate that the updated Agreement superseded that reached at the 75th meeting;
 - (iii) That the extension of stage II would not preclude the Government of Brazil from submitting the request for funding for the preparation of stage III in 2020, if applicable; and
- (b) To approve the second tranche of stage II of the HPMP for Brazil, and the corresponding 2018 tranche implementation plan, in the amount of US \$3,575,078, consisting of US \$2,627,704, plus agency support costs of US \$183,939 for UNDP, and US \$686,978, plus agency support costs of US \$76,457 for the Government of Germany.

(Decision 80/64)

Burkina Faso: HCFC phase-out management plan (stage I - third tranche) (UNEP/UNIDO)

196. The representative of the Secretariat introduced document UNEP/OzL.Pro/ExCom/80/35.

197. The Executive Committee decided:

- (a) To note:
 - (i) The progress report on the implementation of the second tranche of stage I of the HCFC phase-out management plan (HPMP) for Burkina Faso;
 - (ii) That the Fund Secretariat had updated the Agreement between the Government of Burkina Faso and the Executive Committee, as contained in Annex XXII to the present report, specifically paragraph 1 and Appendices 1-A and 2-A on the basis of the revised starting point and funding level, and paragraph 16, which had been updated to indicate that the revised updated Agreement superseded that reached at the 70th meeting;
 - (iii) That the revised starting point for sustained aggregate reduction in HCFC consumption was 18.00 ODP tonnes, based on the verification report submitted to

the 80th meeting, calculated using the average 2011–2016 HCFC consumption, and that the revised funding level for stage I of the HPMP for Burkina Faso was US \$630,000, plus agency support costs, in accordance with decision 60/44(f)(xii); and

- (b) To approve the third tranche of stage I of the HPMP for Burkina Faso, and the corresponding 2017–2019 tranche implementation plan, in the amount of US \$196,410, consisting of US \$87,000, plus agency support costs of US \$11,310 for UNEP, and US \$90,000, plus agency support costs of US \$8,100 for UNIDO, on the understanding that the Government would implement the recommendations contained in the verification report for HCFC consumption and strengthening the institutional mechanisms to ensure accurate customs, licensing, quota, and data reporting through an upgraded customs training programme.

(Decision 80/65)

China: HCFC phase-out management plan (stage II, second tranche)

Extruded polystyrene (XPS) foam sector plan (UNIDO/the Government of Germany)

Industrial and commercial refrigeration and air conditioning (ICR) sector plan (UNDP)

Room air-conditioning manufacturing and heat-pump water heater sector (RAC sector) plan (UNIDO/the Government of Italy)

Solvent sector plan (UNDP)

198. The representative of the Secretariat introduced document UNEP/OzL.Pro/ExCom/80/37.

199. Members indicated a general preference for discussing the second tranche of the HPMP as a whole rather than in individual sectors, which was also given as the reason for the earlier removal of the solvent sector plan from the list of projects for blanket approval.

200. During the discussion, members acknowledged that China had made considerable progress in implementing stage I of the HPMP and the first tranche of stage II. While noting that the country had continued to be in compliance with the Montreal Protocol, the Committee queried the low levels of disbursement for stage II and the failure to meet the 20 per cent threshold in the XPS foam and RAC sectors. Questions were posed regarding the timing of information updates provided to the Secretariat; whether the information had been reviewed thoroughly by the Secretariat; activities under the project management unit (PMU) for both the consumption and the production sector; the situation prevailing in the RAC sector; disbursement rates; certification, including the process, related expenditures and the impact on sales; and the technology change in the ICR sector, in terms of both environmental impact and the quantities addressed. One member also stressed the importance of the project for other Article 5 countries that had an interest in the technology from China.

201. A representative of the Secretariat responded to questions related to disbursement information for the ICR sector. She explained that, when the request for the second tranche was submitted in August 2017, the only disbursements that had been made for the first tranche had been for technical assistance activities, representing about two per cent of the approved amount. Contracts with enterprises eligible for conversion had been signed only in early October, at which point funds for the first payment, representing 30 per cent of the contracts signed, had been transferred to beneficiary enterprises, and the level of disbursement had risen to 29 per cent. The Secretariat had reviewed the information.

202. A representative of UNIDO provided information on disbursements in the XPS foam and RAC sectors. He said that UNIDO had transferred 30 per cent of the first tranche to the Foreign Economic Cooperation Office (FECO) following adoption of the Agreement between the Executive Committee and the Government of China in July 2017, and the subsequent signature of the required memorandum of understanding between the Government and UNIDO. Two contracts had been signed between FECO and beneficiaries in the XPS foam sector, and disbursements representing 24 per cent of the tranche were expected to be made soon; in the RAC sector, four contracts would be signed when the delegation from China returned home following the present meeting, and the disbursement target for that sector would then be met. At the time of the present meeting, however, the level of disbursement to the beneficiaries was zero.

203. Another representative of the Secretariat responded to questions related to the RAC sector. He began by noting that all of the funds for stage I, while not yet disbursed, had already been allocated to specific activities under stage I and could not be used for stage II activities. Regarding the certification of RAC equipment, he confirmed that product quality and safety certification, known as China compulsory certification (3C), was mandatory for the sale of equipment on the domestic market.

204. Addressing the question of the challenges in the RAC sector, he said that the conversions of the lines in stage I were going well, and that the key issue for the sector was market acceptance. Some of the market-related challenges were technical; in addition, the Government of China, rather than converting to R-410A, had chosen to convert to R-290, which was a more challenging technology and required considerable work to achieve market acceptance.

205. The representative of UNIDO also spoke about the challenge of market uptake for R-290. He reported that, in a recent workshop, all industries had mentioned the same five barriers to market uptake. One was the challenges associated with installing R-290-based equipment, which he said should be addressed by stage II of the HPMP, either through an incentive programme for service technicians or a review of installation procedures for R-290. Another barrier was the availability of qualified personnel, which was being addressed by UNIDO, and to a greater extent by UNEP. He said that the industry was nevertheless committed to the conversion process and that many applications for conversion had been received for stage I and even for stage II. Fourteen lines had already been converted under stage I, and four others were in the process of being converted. Domestic sales of split units stood at about 2,000 and exports at about 10,000 units, and some 100,000 dehumidifiers had been produced on the same lines. With respect to the compressor lines converted under stage I, 250,000 rotary compressors had been sold domestically and 400,000 exported.

206. The Committee agreed to continue discussions on the matter in a smaller group. Following the discussions in the small group, the convener reported that agreement had been reached to approve funding for the second tranche for the solvent sector and, with certain conditions, the XPS foam sector; the group had agreed to defer the RAC sector tranche to a subsequent meeting. Following further discussions, agreement was reached to approve the second tranche for the ICR sector, subject to certain conditions. The convener further explained that the conditions approving the conversion to R-513A in the ICR sector in the second tranche would not constitute a precedent nor reference for any such future conversions.

207. The Executive Committee decided:

Extruded polystyrene foam sector

- (a) To note the 2017 progress report on the implementation of the first tranche of the extruded polystyrene (XPS) foam sector plan of stage II of the HCFC phase-out management plan (HPMP) for China;

- (b) To further note that the funding request for the second tranche of the XPS foam sector of China submitted to the 80th meeting did not meet the requirements specified in paragraph 5 of the Agreement between the Government of China and the Executive Committee;
- (c) Strongly to urge the bilateral and implementing agencies to ensure that future submissions meet the relevant requirements for submission, including the deadlines;
- (d) To approve the second tranche of the XPS foam sector plan of stage II of the HPMP for China, and the corresponding 2017–2018 tranche implementation plan, in the amount of US \$9,599,497, consisting of US \$8,732,614, plus agency support costs of US \$567,620 for UNIDO, and US \$267,386, plus agency support costs of US \$31,877 for the Government of Germany, on an exceptional basis, and on the understanding that:
 - (i) The Treasurer would transfer the funding to UNIDO and offset the costs associated with the bilateral component by the Government of Germany only upon confirmation that the 20 per cent disbursement threshold of the first tranche of the XPS foam sector had been achieved and reviewed by the Secretariat;
 - (ii) If the confirmation and review in paragraph (a) had not been received and completed by 31 December 2017, then no funding would be transferred to UNIDO and the costs associated with bilateral contributions by the Government of Germany would not be offset and the second tranche could be resubmitted to a future meeting;
- (e) To note that, in line with decision 79/35, the agency support costs with respect to the second tranche of the XPS foam sector plan of stage II of the HPMP for China could be reconsidered at the 81st meeting;

Industrial and commercial refrigeration and air-conditioning sector

- (f) To note the 2017 progress report on the implementation of the first tranche of the industrial and commercial refrigeration and air-conditioning (ICR) sector plan of stage II of the HPMP for China;
- (g) To approve the second tranche of the ICR sector plan of stage II of the HPMP for China, and the corresponding 2017–2018 tranche implementation plan, in the amount of US \$20,000,000, plus agency support costs of US \$1,300,000 for UNDP on the understanding that:
 - (i) The Government of China and UNDP would assess the feasibility of conversion of chiller manufacturers to HFOs, consistent with the low-global-warming-potential (low-GWP) technology selection reflected in Appendix 8-A of the Agreement on stage II of the HPMP, for possible application in other enterprises to be assisted under stage II of the HPMP;
 - (ii) The technology choice for the conversion of manufacturing lines at Dunan Environment, Dunham Bush and Zhejiang Guoxiang was being agreed to on an exceptional basis, on the understanding that:
 - a. Consistent with decision XXVIII/2, those manufacturing lines and any other lines converted to the same technology under the second tranche would not be eligible for further funding under the Multilateral Fund;

- b. The level of funding provided to those manufacturing lines would not constitute a precedent for any such future conversions;
 - c. The Committee would consider, at the 81st meeting, whether and how the Agreement on stage II of the HPMP would need to be modified to account for those conversions, on the understanding that the overall tonnage to be converted to low-GWP alternatives would not change;
- (h) To note that, in line with decision 79/35, the agency support costs with respect to the second tranche of the ICR sector plan of stage II of the HPMP for China could be reconsidered at the 81st meeting;

Room air-conditioning manufacturing and heat-pump water heater sector plan

- (i) To note the 2017 progress report on the implementation of the first tranche of the room air-conditioning manufacturing and heat-pump water heater sector (RAC sector) plan of stage II of the HPMP for China;
- (j) To defer the consideration of the request for the second tranche of the RAC sector plan of stage II of the HPMP for China to a future meeting of the Executive Committee;

Solvent sector

- (k) To note the 2017 progress report on the implementation of the solvent sector plan of stage I of the HPMP for China submitted by UNDP;
- (l) To approve the second tranche of the solvent sector plan of stage II of the HPMP for China, and the corresponding 2017–2018 tranche implementation plan, in the amount of US \$4,022,707, consisting of US \$3,777,190, plus agency support costs of US \$245,517 for UNDP; and
- (m) To note that, in line with decision 79/35, the agency support costs with respect to the second tranche of the solvent sector plan of stage II of the HPMP for China could be reconsidered at the 81st meeting.

(Decision 80/66)

Democratic Republic of the Congo (the): HCFC phase-out management plan (stage I – third tranche) (UNEP/UNDP)

208. The representative of the Secretariat introduced document UNEP/OzL.Pro/ExCom/80/40.

209. The Executive Committee decided:

- (a) To note:
 - (i) The progress report on the implementation of the second tranche of stage I of the HCFC phase-out management plan (HPMP) for the Democratic Republic of the Congo;
 - (ii) That the revised starting point for sustained aggregate reduction in HCFC consumption was 17.00 ODP tonnes;

- (iii) That the total funding approved in principle for stage I of the HPMP at the 63rd meeting in order to meet the 10 per cent reduction of the HCFC baseline, as initially calculated, had been US \$475,000, rather than US \$176,000 in line with decision 60/44(f)(xii); that the maximum funding balance for which the country was eligible for the total phase-out of HCFCs was US \$1,125,000, in line with decision 74/50(c)(xii); and that the necessary funding adjustments would be made during the approval of stage II of the HPMP for the country;
 - (iv) That the Fund Secretariat had updated the Agreement between the Government of the Democratic Republic of the Congo and the Executive Committee, as contained in Annex XXIII to the present report, specifically paragraph 1 and Appendices 1-A and 2-A on the basis of the revised starting point for sustained aggregate reduction, and paragraph 16, which had been added to indicate that the updated Agreement superseded that reached at the 63rd meeting;
- (b) In accordance with the condition for approval of preparation for stage II of the HPMP in decision 79/27(a), to note the return to the 80th meeting of US \$7,143, plus agency support costs of US \$929 from UNEP, and US \$2,857, plus agency support costs of US \$200 from UNDP;
 - (c) To request the Government of the Democratic Republic of the Congo, UNEP and UNDP to submit the project completion report to the first meeting of the Executive Committee in 2019; and
 - (d) To approve the third and final tranche of stage I of the HPMP for the Democratic Republic of the Congo, and the corresponding 2018 tranche implementation plan, in the amount of US \$52,715, consisting of US \$23,500, plus agency support costs of US \$3,055 for UNEP, and US \$24,000, plus agency support costs of US \$2,160 for UNDP.

(Decision 80/67)

Kenya: HCFC phase-out management plan (stage I – fifth tranche) (the Government of France)

210. The representative of the Secretariat introduced document UNEP/OzL.Pro/ExCom/80/41.

211. Concern was expressed about the reallocation of funds for the PMU and the level of costs, which were above the funding levels for non-low-volume-consuming countries. The issues were considered in an informal group.

212. Following the deliberations of the informal group, the Executive Committee decided:

- (a) To note:
 - (i) The progress report on the implementation of the fourth tranche of stage I of the HCFC phase-out management plan (HPMP) for Kenya;
 - (ii) That the revised starting point for sustained aggregate reduction in HCFC consumption was 33.41 ODP tonnes;
- (b) That the Fund Secretariat had updated the Agreement between the Government of Kenya and the Executive Committee, as contained in Annex XXIV to the present report, specifically paragraph 1 and Appendices 1-A and 2-A on the basis of the revised starting

point for sustained aggregate reduction, and paragraph 16, which had been added to indicate that the updated Agreement superseded that reached at the 66th meeting;

- (c) To deduct an additional 0.63 ODP tonnes from the remaining consumption eligible for funding as a result of reallocation of funding of servicing-related activities under the project management unit (PMU);
- (d) To request the Government of France to submit a report to the 81st meeting providing detailed reporting on the activities that had been and continued to be undertaken by the PMU for stage I of the HPMP; and
- (e) To approve the fifth and final tranche of stage I of the HPMP for Kenya, and the corresponding 2017 tranche implementation plan, in the amount of US \$90,000, plus agency support costs of US \$10,900 for the Government of France, on the understanding that if Kenya were to decide to proceed with retrofits and associated servicing to flammable and toxic refrigerants in refrigeration and air-conditioning equipment originally designed for non-flammable substances, it would do so assuming all associated responsibilities and risks and only in accordance with the relevant standards and protocols.

(Decision 80/68)

Lesotho: HCFC phase-out management plan (stage I – third tranche) (the Government of Germany)

213. The representative of the Secretariat introduced document UNEP/OzL.Pro/ExCom/80/42.
214. The Executive Committee decided:
- (a) To note:
 - (i) The progress report on the implementation of the second tranche of stage I of the HCFC phase-out management plan (HPMP) for Lesotho;
 - (ii) That the revised starting point for sustained aggregate reduction in HCFC consumption was 1.54 ODP tonnes, calculated as the average consumption reported under Article 7 of the Montreal Protocol for the 2011–2016 period;
 - (iii) That the total funding approved in principle for stage I of the HPMP at the 64th meeting in order to meet the 35 per cent reduction of the HCFC baseline, as initially calculated, had been US \$280,000, rather than US \$210,000 in line with decision 60/44(f)(xii); that the maximum funding balance for which the country was eligible for the total phase-out of HCFCs was US \$470,000, in line with decision 74/50(c)(xii); and that the necessary funding adjustments would be made during the approval of stage II of the HPMP for the country;
 - (iv) That the Fund Secretariat had updated the Agreement between the Government of Lesotho and the Executive Committee, as contained in Annex XXV to the present report, specifically paragraph 1 and Appendices 1-A and 2-A on the basis of the revised starting point, and paragraph 16, which had been updated to indicate that the revised updated Agreement superseded that reached at the 73rd meeting; and
 - (b) To approve the third tranche of stage I of the HPMP for Lesotho and the corresponding 2018–2019 tranche implementation plan, in the amount of US \$84,000, plus agency support costs of US \$10,920 for the Government of Germany, on the understanding that if

Lesotho were to decide to proceed with retrofits and associated servicing to flammable and toxic refrigerants in refrigeration and air-conditioning equipment originally designed for non-flammable substances, it would do so assuming all associated responsibilities and risks and only in accordance with the relevant standards and protocols.

(Decision 80/69)

Maldives: HCFC phase-out management plan (fourth (last) tranche) (UNEP/UNDP)

215. The representative of the Secretariat introduced document UNEP/OzL.Pro/ExCom/80/43.
216. The Executive Committee decided:
- (a) To note the progress report on the implementation of the third tranche of the HCFC phase-out management plan (HPMP) for the total phase-out of HCFCs in Maldives;
 - (b) To request UNDP and UNEP to continue reporting annually on the progress of the transition from the interim technology selected by the Government to refrigerants with low global-warming potential (GWP), in line with decision 75/62(c), and on the implementation of the work programme associated with the final tranche until the completion of the HPMP in 2020;
 - (c) To request the Government of Maldives, UNDP and UNEP to submit the project completion report to the first meeting of the Executive Committee in 2022;
 - (d) To approve the fourth and last tranche of the HPMP for Maldives, and the corresponding 2018–2020 tranche implementation plan, in the amount of US \$50,000, plus agency support costs of US \$6,500 for UNEP, on the understanding:
 - (i) That Maldives had consumption in the servicing sector only; and
 - (ii) That end-users participating in the incentive programme for the introduction of new low-GWP air-conditioning equipment for household and small commercial refrigeration appliances would provide co-financing.

(Decision 80/70)

Myanmar: HCFC phase-out management plan (stage I – second and third tranches) (UNEP/UNIDO)

217. The representative of the Secretariat introduced document UNEP/OzL.Pro/ExCom/80/46.
218. One member expressed support for the recommendation by the Secretariat in the project proposal, pending assurance that the balance of the first tranche had been fully spent and that the Government of Myanmar had a good understanding of the imports and exports of HCFCs, especially imports of HCFC-141b. The representative of UNEP said that UNEP was working with the new Government to ensure that the balance of the first tranche had been fully spent, and the CAP was working with the relevant authorities and the national ozone officer to put in place mechanisms for recording all consumption of ODS in the country, and was engaging in capacity-building to support the ozone officer.

219. The Executive Committee decided:

- (a) To note:
 - (i) The progress report on the implementation of the first tranche of stage I of the HCFC phase-out management plan (HPMP) for Myanmar;
 - (ii) That the Fund Secretariat had updated the Agreement between the Government of Myanmar and the Executive Committee, as contained in Annex XXVI to the present report, specifically Appendix 2-A with regard to the revised funding schedule which combined the second (US \$79,000 in 2015) and third (US \$13,000 in 2017) tranches, and paragraph 16, which had been added to indicate that the updated Agreement superseded that reached at the 68th meeting; and
- (b) To approve the second and third tranches of stage I of the HPMP for Myanmar, and the corresponding 2017–2020 tranche implementation plan, in the amount of US \$101,560, consisting of US \$32,000, plus agency support costs of US \$4,160 for UNEP, and US \$60,000, plus agency support costs of US \$5,400 for UNIDO.

(Decision 80/71)

Thailand: HCFC phase-out management plan (stage I – fourth and final tranche) (World Bank)

220. The representative of the Secretariat introduced documents UNEP/OzL.Pro/ExCom/80/50 and Corr.1.

221. A number of concerns were raised during the discussion, regarding, *inter alia*, the actual level of funding for the revised PU foam sector plan, the level of funding for the PMU in stage I of the HPMP until the end of 2018 given the current balances, and the relatively high PMU costs given the significant reduction in the number of enterprises to be supported in the PU foam sector. Furthermore, noting that the reported consumption for 2016 was 63.5 per cent below the HCFC baseline, one member suggested that the practice of reducing the starting point that had been applied for other countries might also apply to either the present request or to stage II when it was eventually submitted. The Committee agreed to hold informal discussions on the issues raised.

222. Following the discussions, the Executive Committee decided:

- (a) To note:
 - (i) The progress report on the implementation of the third tranche of stage I of the HCFC phase-out management plan (HPMP) in Thailand;
 - (ii) The submission of a revised plan of action for the implementation and completion of the remaining activities by December 2018;
 - (iii) That funds for the fifth, sixth and seventh tranches amounting to US \$4,162,210 would not be requested;
 - (iv) That the Fund Secretariat had updated the Agreement between the Government of Thailand and the Executive Committee, as contained in Annex XXVII to the present report, specifically Appendix 2-A on the basis of the adjustments of funds for the fourth, fifth, sixth and seventh tranches, and paragraph 16, which had been

updated to indicate that the revised Agreement superseded that reached at the 77th meeting;

- (b) To request the Government of Thailand and the World Bank to submit progress reports on the implementation of the work programme associated with the final tranche on a yearly basis until the completion of the project, verification reports until approval of stage II, and the project completion report to the first meeting in 2019;
- (c) To approve the fourth and final tranche of stage I of the HPMP, and the corresponding 2018 tranche implementation plan, in the amount of US \$2,663,542, plus agency support costs of US \$186,448 for the World Bank;
- (d) To note that:
 - (i) Stage II of the HPMP would address the total HCFC-141b consumption eligible for funding in the spray foam sector and up to 20 ODP tonnes of HCFC-22 used in the refrigeration servicing sector, on the understanding that the remaining consumption eligible for funding for Thailand would be reviewed upon the submission of stage II of the HPMP; and
 - (ii) Stage III of the HPMP would be submitted no earlier than the last meeting in 2021.

(Decision 80/72)

Individual investment projects to reduce HFCs

Argentina: Demonstration of replacement of HFC-134a with isobutane (R-600a)/propane (R-290)-based refrigerant in the manufacture of domestic and commercial refrigeration equipment (UNIDO)

223. The Executive Committee had before it document UNEP/OzL.Pro/ExCom/80/30.

224. Noting decision 80/42 under agenda item 9(a), Overview of issues identified during project review, the Executive Committee deferred to the 81st meeting consideration of the project for the demonstration of replacement of HFC-134a with isobutane (R-600a)/propane (R-290)-based refrigerant in the manufacture of domestic and commercial refrigeration equipment in Argentina.

Bangladesh: Conversion from HFC-134a to isobutane as a refrigerant and conversion of compressor manufacturing facility from HFC-134a-based compressors to isobutane-based compressors at Walton Hitech Industries Limited (UNDP)

225. The representative of the Secretariat introduced document UNEP/OzL.Pro/ExCom/80/32.

226. Noting decision 80/42 under agenda item 9(a), Overview of issues identified during project review, the Executive Committee decided:

- (a) To note that the Government of Bangladesh had submitted a formal letter indicating its intention to ratify the Kigali Amendment;
- (b) To approve, from the additional voluntary contributions provided by non-Article 5 Parties, funding for the conversion from HFC-134a to isobutane as a refrigerant and conversion of compressor manufacturing facility from HFC-134a-based compressors to isobutane-based compressors at Walton Hitech Industries Limited, in Bangladesh, in the amount of

US \$3,131,610, plus agency support costs of US \$219,213 for UNDP, on the understanding that:

- (i) 230.63 metric tonnes of HFC-134a would be deducted from the country's starting point for sustained aggregate reductions for HFCs to be established at a future meeting;
- (ii) That funding for any downstream users that sought compensation for incremental operating costs associated with compressors in subsequent HFC conversion projects would be determined in accordance with decision 26/36.

(Decision 80/73)

Colombia: Conversion from HFC-134a to isobutane in the manufacture of domestic refrigerators at Mabe Colombia (UNDP)

227. The Executive Committee had before it document UNEP/OzL.Pro/ExCom/80/38.

228. Noting decision 80/42 under agenda item 9(a), Overview of issues identified during project review, the Executive Committee deferred to the 81st meeting consideration of the project for conversion from HFC-134a to isobutane in the manufacture of domestic refrigerators at Mabe Colombia in Colombia.

Mexico: Conversion of domestic refrigeration manufacturing facility from HFC-134a to isobutane (R-600a) as a refrigerant and conversion of compressor manufacturing facility from HFC-134a-based compressors to isobutane-based compressors at Mabe Mexico S.A. de C.V. (UNDP)

229. The Executive Committee had before it document UNEP/OzL.Pro/ExCom/80/45.

230. Noting decision 80/42 under agenda item 9(a), Overview of issues identified during project review, the Executive Committee deferred to the 81st meeting consideration of the project for conversion of domestic refrigeration manufacturing facility from HFC-134a to isobutane (R-600a) as a refrigerant and conversion of compressor manufacturing facility from HFC-134a-based compressors to isobutane-based compressors at Mabe Mexico S.A. de C.V. in Mexico.

AGENDA ITEM 10: MATTERS RELATED TO THE KIGALI AMENDMENT TO THE MONTREAL PROTOCOL

(a) Status of additional contributions to the Multilateral Fund (decision 79/42(c))

231. The Treasurer introduced document UNEP/OzL.Pro/ExCom/80/53 and provided updated information on the status of additional voluntary contributions from a group of 17 non-Article 5 Parties for HFC phase-down. Since the report had been published, the Treasurer had received additional contributions of US \$10,776,210 from the Governments of Australia, Canada, the United Kingdom of Great Britain and Northern Ireland, and the United States of America. That brought the total value of the additional contributions for HFC phase-down, as at 14 November 2017, to US \$14,010,089. The percentage of payments against the total pledges stood at 52 per cent. Given that that was the case, almost a year after the initial decision, it was asked how the situation would affect those who needed to access to those funds.

232. As not all the additional funds pledged were available, and over 90 requests for HFC-related projects including enabling activities had been submitted, additional details were requested on the status of those non-Article 5 Parties that had not yet made their contributions. It was also asked how much funding had been requested and how much funding was available to support those requests; by January 2018,

20 countries were expected to have ratified the Kigali Amendment and funds were required for fast-track action so that countries could comply with its provisions. The Treasurer explained that 11 of 17 donors had already paid their contributions. Furthermore, the representative of Japan said that Japan's contribution was being given final consideration by the Government of Japan and would be received by the end of 2017. The representative of Austria said that the Government of Sweden had taken a decision on its contribution, which should be received once the administrative details had been worked out; it had provided a pledge letter. The representative of Belgium explained that the Government of the Netherlands, which had signed a donor agreement, was finding that the procedure was taking longer than it had expected to complete. The Treasurer explained that the Government of Norway was reviewing its draft agreement. The Government of Germany had sent a letter of intent with regard to the payment of its additional contribution and the Treasurer had sent an invoice to the Government.

233. It was suggested that in view of the urgency of the matter it might be useful to establish a time limit for the contributions and that letters should be sent to those donors that had not yet shown any progress in contributing their pledges. Others were of the view that there seemed to be sufficient funding to provide assistance to almost all the countries for which projects or activities had been submitted. A deadline was not necessary at the present time and the issue could be revisited in 2018 if there were still any outstanding contributions.

234. It was pointed out that, even if there were sufficient funds for the present meeting, additional funds would be required to meet the demand for funding at the subsequent meeting. That said, the Executive Committee would know if there were any shortfalls in funding only after it had considered all the proposed activities. If there turned out to be a shortfall it might be possible to approve projects in principle pending the contribution of the outstanding pledges.

235. The Executive Committee decided:

- (a) To note the report of the Treasurer on the status of additional contributions to the Multilateral Fund contained in document UNEP/OzL.Pro/ExCom/80/53, as orally amended during the meeting;
- (b) Further to note with appreciation that 11 non-Article 5 countries had paid their pledged additional voluntary contributions to provide fast-start support for HFC phase-down; and
- (c) To request the Treasurer to report again to the Executive Committee on the status of the additional contributions received for fast-start support separately from other pledged contributions to the Multilateral Fund at the 81st meeting.

(Decision 80/74)

(b) Overall analysis of the results of the surveys of ODS alternatives (decision 79/43(c))

236. The representative of the Secretariat introduced document UNEP/OzL.Pro/ExCom/80/54.

237. Members welcomed the report overall and expressed appreciation to the countries and implementing agencies for submitting the data, and to the Secretariat for the analysis of the survey results. Members also noted the experience acquired by countries in completing the survey and the lessons learned, which would help countries develop data-gathering systems with a view to establishing their HFC baselines.

238. Concerns were raised regarding the differences between the survey results and figures generated previously by the report prepared by the TEAP in 2015, as shown in Table 6 of the document; the survey results generally indicated significantly higher consumption of the HFC alternatives than anticipated, particularly given that data from Brazil, China and India were not included. Offering a possible explanation

for the differences, the representative of the Secretariat noted that the figures reported by the TEAP were projections from 2014, while the surveys provided actual data for 2015, although she also cautioned that the accuracy of the data from the surveys had not been verified. One member flagged the high growth rates in HFC consumption, suggesting that they could be due to the uptake of HFCs as a result of the phase-out of HCFCs, but also noted high demand in some sectors, which could pose challenges to their phase-down.

239. Noting the limited information provided in the report with regard to non-HFC alternatives, one member suggested that a second report be produced thereon. Some members were concerned that the surveys contained insufficient data to provide any worthwhile insights into such alternatives. Following informal discussions on the matter, it was agreed that the Secretariat would prepare an addendum to document UNEP/OzL.Pro/ExCom/80/54 providing information and data on non-HFC alternatives reported in the surveys similar to that contained in Annex I to the document.

240. The Executive Committee decided:

- (a) To note the overall analysis of the results of the surveys of ODS alternatives (decision 79/43(c)) contained in documents UNEP/OzL.Pro/ExCom/80/54 and Add.1;
- (b) To request bilateral and implementing agencies to use the findings and the lessons from the results of the surveys of ODS alternatives while undertaking enabling activities, with particular attention to strengthening data collection and reporting of HFCs and HFC blends;
- (c) To request bilateral and implementing agencies:
 - (i) To return, no later than the 82nd meeting, balances related to the completed surveys of ODS alternatives; and
 - (ii) To return, to the 81st meeting, balances related to surveys of ODS alternatives that had not been submitted to the 80th meeting from Algeria, Antigua and Barbuda, Bahamas, Democratic People's Republic of Korea, Fiji, Morocco and Myanmar, in line with decision 79/43.

(Decision 80/75)

(c) **Development of the cost guidelines for the phase-down of HFCs in Article 5 countries: Draft criteria for funding (decisions 78/3(i) and 79/44(b))**

241. The representative of the Secretariat introduced document UNEP/OzL.Pro/ExCom/80/55.

242. The Committee agreed to establish a contact group to consider the matter further. The convener of the group subsequently reported to the Committee on the outcome of the discussions.

243. The Executive Committee decided:

- (a) To include in the draft template of the cost guidelines for the phase-down of HFCs contained in Annex XXVIII to the present report:
 - (i) Text related to sustained aggregate reductions in line with paragraph 19 of decision XXVIII/2 of the Twenty-Eighth Meeting of the Parties;
 - (ii) Text related to the eligibility of Annex F substances subject to high-ambient-temperature exemptions, in line with paragraph 35 of decision XXVIII/2;

- (iii) For the production sector, the categories of costs in sub-paragraph 15(b) of decision XXVIII/2; and
 - (iv) For the refrigeration servicing sector, the categories of costs in sub-paragraph 15(c) of decision XXVIII/2;
- (b) To continue to use the draft template of the cost guidelines for the phase-down of HFCs and the list of outstanding elements for further discussion, contained in Annexes XXVIII and XXIX, respectively, to the present report, as the working documents for discussions at the 81st meeting and future meetings on the development of the cost guidelines for the phase-down of HFCs in Article 5 countries, noting that additional elements could be added as required;
- (c) To request the Secretariat to prepare a preliminary document for the 82nd meeting, in cooperation with bilateral and implementing agencies, on all aspects related to the refrigeration servicing sector that support the HFC phase-down, taking into account:
- (i) Previous policy documents, case studies, monitoring and evaluation reviews, and the work undertaken by bilateral and implementing agencies in developing and implementing training and technical assistance programmes, in particular the partnership that the Compliance Assistance Programme had established with world-recognized training and certification institutes;
 - (ii) Analysis of the existing capacities in Article 5 countries with the funding approved thus far for the refrigeration servicing sector and how those could be utilized for HFC phase-down, in relation to:
 - a. The results of funded recovery, recycling and reclamation activities and the provision of servicing tools, and their potential to reduce refrigerant emissions;
 - b. The extent of the involvement of the private and/or public sector (e.g. equipment, components and refrigerant suppliers) in introducing and adopting alternatives in the servicing sector;
 - c. Health and safety standards, protocols and equipment (including protective equipment) available for alternatives;
 - d. Training and certification programmes;
 - e. If and how energy efficiency was addressed in the servicing/end-user sector; and
 - (iii) The minimum information needed for the development of training and competency-based certification programmes and modules for service technicians and customs officers for the transition to alternatives.

(Decision 80/76)

(d) Key aspects related to HFC-23 by-product control technologies: preliminary data of HCFC-22 production swing plants that wish to close (decision 79/47(d))

244. The representative of the Secretariat introduced documents UNEP/OzL.Pro/ExCom/80/56 and Add.1

245. One member stated that the report on key aspects of HFC-23 by-product control technologies raised more questions than it answered. A number of members expressed the view that the issue was complex, with many factors at play, such as the availability of destruction technology, the comparative benefits of adopting the approach of closing HCFC-22 swing plants versus focusing on incineration or transformation of HFC-23, and the range of incremental operating costs (IOC) and incremental capital costs (ICC) involved. It was pointed out that the matter was urgent, given the HFC-23 control obligations under the Kigali Amendment.

246. One member recalled that the Executive Committee had guiding principles for HFC-23 emission control, framed by the Kigali Amendment. It was also important to remember that the purpose of funding by the Multilateral Fund was to fill gaps where national policies did not already exist. In addition, procedures typically followed in the production sector might not be applicable in this case. One member indicated that HCFC-22 production swing-plant closure could be an appropriate option only if compensation was lower than the cost of complying with the HFC-23 control obligations. Several members mentioned the upcoming report by an independent consultant, requested by the Executive Committee at its 79th meeting, which would provide an evaluation of cost-effective and environmentally sustainable options for HFC-23 destruction from HCFC-22 production facilities. The consultant's report would be submitted to the 81st meeting, at which time the additional information could be used to help the Executive Committee make a decision on how to proceed.

247. Many members expressed interest in discussing the many complex elements related to HFC-23 by-product control technologies and the closure of HCFC-22 production swing plants as a means of reducing HFC-23 emissions. It was therefore agreed that a contact group could be established to discuss the matter further if sufficient time was available after finalizing discussions on other agenda items required for compliance.

248. The contact group was able to meet, and subsequently reported that it was premature to request a technical audit, as the consultant's evaluation would be provided at the 81st meeting. It was, therefore, considered appropriate to invite all HCFC-22-producing Article 5 countries to provide, on a voluntary basis, information relevant to sub-paragraph (e) of decision 79/47 by 1 December 2017.

249. The Executive Committee decided:

- (a) To note the submission by the Governments of Argentina and India of the preliminary data on HCFC-22 swing plants in their countries contained in documents UNEP/OzL.Pro/ExCom/80/56 and Add.1; and
- (b) To invite all relevant HCFC-22-producing Article 5 countries to provide to the Secretariat, on a voluntary basis, information on the elements described in paragraph (e) of decision 79/47 by 1 December 2017.

(Decision 80/77)

AGENDA ITEM 11: DRAFT REPORT OF THE EXECUTIVE COMMITTEE TO THE TWENTY-NINTH MEETING OF THE PARTIES TO THE MONTREAL PROTOCOL

250. The Chief Officer introduced document UNEP/OzL.Pro/ExCom/80/57.

251. The Executive Committee decided to authorize the Secretariat to finalize the report of the Executive Committee to the Twenty-Ninth Meeting of the Parties to the Montreal Protocol in light of the discussions held and decisions taken at the 80th meeting, and to submit it to the Ozone Secretariat following clearance by the Chair.

(Decision 80/78)

AGENDA ITEM 12: REPORT OF THE SUB-GROUP ON THE PRODUCTION SECTOR

252. The facilitator of the Sub-group on the Production Sector introduced document UNEP/OzL.Pro/ExCom/80/58, which contained recommendations for consideration by the Executive Committee. She said that the Sub-group had met four times in the margins of the present meeting and had addressed all the items on its agenda. It had agreed that the Sub-group would defer further consideration of stage II of the HPPMP for China to allow the World Bank, in consultation with the Government of China, to submit a revised proposal that took into account the deliberations of the Sub-group at the present meeting and the more in-depth discussion that had taken place on the matter at the 79th meeting.

253. The Sub-group had congratulated the Government of China for its compliance with the control targets for HCFC production and consumption for 2016, as reported in the 2016 verification report of HCFC production. The verification team had reported that two new production lines for HCFC-142b had been established, and the Sub-group recommended that the Executive Committee request the World Bank to verify, on a one-time basis, that those facilities were vertically integrated with the production of downstream facilities. The verification team had also been unable to confirm the destruction of key equipment at two plants where the equipment had been dismantled, and the Sub-group recommended that the Executive Committee request the World Bank to verify that destruction in the 2017 verification exercise.

254. One enterprise had exceeded its maximum allowable limit by 887.64 metric tonnes of compensated capacity and the excess had been redirected to feedstock. The Sub-group, while noting that the Government of China was improving its monitoring system to prevent that redirection of production capacity to feedstock, recommended that the Executive Committee apply to the facility the penalty clause in the Agreement.

255. The Sub-group had also considered the 2016 progress report on the implementation of stage I of the HPPMP. The Government of China had requested an extension of its stage I HPPMP until the end of 2018, and the Sub-group recommended that the Executive Committee approve the extension, once it had been formally received. It also recommended that the Executive Committee approve a contingency allowance of US \$40,000 to fund coordination activities, if they proved necessary, on the understanding that there would be no further increase in the planned expenditure on technical assistance activities unless it were approved by the Executive Committee. The Sub-group also recommended that the Executive Committee request the Secretariat to work with China to develop, by the 81st meeting, a financial format for annual project management expenditures related to the production and consumption sectors.

2016 verification report of the HCFC production sector in China

256. The Executive Committee decided:

- (a) To note the 2016 verification report of the HCFC production sector in China considered by the Sub-group on the Production Sector;

- (b) To request the World Bank:
 - (i) To verify, in the 2017 verification exercise to be conducted in 2018, that the HCFC production lines in Zhejiang Jinhua Yonghe Fluorochemical Co. Ltd. and Shangdong China Fluoro Technology Co. Ltd. for which idle capacity closure contracts had been signed had been dismantled and the key equipment had been destroyed;
 - (ii) To verify, on a one-time basis, that the newly established HCFC-142b production lines in Zhejiang Juhua Fluoro-chemical Co. Ltd. and Shandong Donyue Chemical Co. Ltd were vertically integrated with the production of downstream facilities and all HCFCs produced in the new lines would be for feedstock use;
- (c) Further to request the World Bank in future verification exercises to include a report on the status of HFC-23 that had been stored in the previous years, including the amounts incinerated, sold and vented;
- (d) To apply the penalty clause in the Agreement between the Executive Committee and the Government of China on the basis that 887.64 metric tonnes of compensated HCFC production capacity had been redirected towards feedstock by the Changshu 3F Zhonghao New Chemical Material Co. Ltd facility, noting that:
 - (i) The penalty was calculated at US \$0.15 per kg, resulting in an amount of US\$133,146 to be returned to the Multilateral Fund through China and the World Bank; and
 - (ii) The Government of China was improving its monitoring system for examining, *inter alia*, plant records for HCFC production, sales for controlled use and feedstock use and changes in stock levels, and was improving the mechanism to prevent future redirection of production capacity towards feedstock.

(Decision 80/79)

Progress report for the implementation of the HCFC production phase-out management plan (stage I) for China

257. The Executive Committee decided:
- (a) To note the 2017 progress report for the implementation of the HCFC production phase-out management plan (HPPMP) (stage I) for China considered by the Sub-group on the Production Sector;
 - (b) Further to note that US \$6,264 of interest accrued would be deducted from the first tranche of stage II of the HPPMP when approved;
 - (c) To approve, upon receipt of a formal request, extension of implementation of stage I of the HPPMP to 31 December 2018, and to request the World Bank:
 - (i) To return the balances from stage I of the HPPMP and to submit a project completion report to the first meeting in 2019;
 - (ii) To agree on a contingency amount of up to US \$40,000 for coordination activities, on the understanding that there would not be any further increase in the planned

expenditure for technical assistance activities unless otherwise approved by the Executive Committee; and

- (d) To request the Secretariat to work with the Government of China through UNDP, as the lead implementing agency of the HCFC phase-out management plan, and through the World Bank, as the lead implementing agency of the HPPMP, to develop, by the 81st meeting, a financial reporting format for annual project management unit expenditures in relation to the production and consumption sectors.

(Decision 80/80)

HCFC production phase-out management plan (HPPMP) for China (stage II, first tranche)

258. The Executive Committee decided:

- (a) To note the submission of stage II of the HCFC production phase-out management plan (HPPMP) for China considered by the Sub-group on the Production Sector; and
- (b) To defer consideration of stage II of the HPPMP and to welcome the submission to the 81st meeting of a revised project proposal that took into account the discussions that had taken place during the 79th and 80th meetings, in particular in relation to the front-loading of tranches.

(Decision 80/81)

AGENDA ITEM 13: OTHER MATTERS

Special situation of Dominica

259. The member from Mexico described the situation in Dominica following the Category 5 hurricane that had hit the country in September 2017 and proposed that the Executive Committee approve funding for emergency assistance for the country. The NOU office had been severely damaged. Nonetheless, the NOU was doing its utmost to fulfil its obligations and had submitted CP and Article 7 data for 2016. The representative of the Secretariat recalled that a precedent for such assistance had been created at the 61st meeting, when the Executive Committee had approved additional funds for Haiti after the 2010 earthquake in that country. The representative of UNEP informed the meeting that UNEP would undertake a mission to Dominica and would provide a report to the 81st meeting of the Executive Committee.

260. The Executive Committee decided:

- (a) To approve the provision, on an exceptional basis, of a sum of US \$20,000 as additional emergency assistance for institutional strengthening for Dominica, taking into consideration the circumstances facing the national ozone unit after the devastation of the country's infrastructure by the hurricane in September 2017; and
- (b) To request UNEP as lead agency to present, to the 81st meeting, a strategy and action plan to assist the country in returning to its pre-hurricane implementation levels.

(Decision 80/82)

Dates and venues of the 83rd and 84th meetings of the Executive Committee

261. The representative of the Secretariat introduced document UNEP/OzL.Pro/ExCom/80/Inf.2 containing options for the dates and venues of the 83rd and 84th meetings of the Executive Committee.

262. The Executive Committee decided:

- (a) To hold its 83rd meeting from 27 May to 31 May 2019 in Montreal, Canada, at a venue to be determined; and
- (b) To hold its 84th meeting from 18 November to 22 November 2019 in Montreal, Canada, at a venue to be determined.

(Decision 80/83)

AGENDA ITEM 14: ADOPTION OF THE REPORT

263. The Executive Committee adopted its report on the basis of the draft report contained in document UNEP/OzL.Pro/ExCom/80/L.1.

AGENDA ITEM 15: CLOSURE OF THE MEETING

264. At the closure of the meeting, following an announcement by the representative of Austria, the Executive Committee welcomed the news that the Government of Sweden had ratified the Kigali Amendment.

265. Furthermore, the Chair announced that Ms. Gudi Alkemade of the Netherlands had been reassigned by her Government and would be leaving to perform other duties after many years of fruitful and constructive participation as a member of the Executive Committee.

266. Following a recognition of Ms. Alkemade's contribution and the customary exchange of courtesies, the Chair declared the meeting closed at 5:43 p.m. on Friday, 17 November 2017.

TRUST FUND FOR THE MULTILATERAL FUND FOR THE IMPLEMENTATION OF THE MONTREAL
PROTOCOL

TABLE 1 : STATUS OF THE FUND FROM 1991-2017 (IN US DOLLARS)

As at 14 NOVEMBER 2017

INCOME		
Contributions received:		
- Cash payments including note encashments		3,306,971,478
- Promissory notes held		8,659,024
- Bilateral cooperation		163,396,333
- Interest earned *		218,505,983
- Additional income from loans and other sources		0
- Miscellaneous income		20,986,608
Total Income		3,718,519,425
ALLOCATIONS** AND PROVISIONS		
- UNDP	856,140,534	
- UNEP	308,058,127	
- UNIDO	885,511,632	
- World Bank	1,248,028,876	
Unspecified projects	-	
Less Adjustments	-	
Total allocations to implementing agencies		3,297,739,169
Secretariat and Executive Committee costs (1991-2019)		
- includes provision for staff contracts into 2019		127,655,192
Treasury fees (2003-2019)		8,556,982
Monitoring and Evaluation costs (1999-2017)		3,529,461
Technical Audit costs (1998-2010)		1,699,806
Information Strategy costs (2003-2004)		
- includes provision for Network maintenance costs for 2004		104,750
Bilateral cooperation		163,396,333
Provision for fixed-exchange-rate mechanism's fluctuations		
- losses/(gains) in value		33,465,312
Total allocations and provisions		3,636,147,005
Cash		73,713,395
Promissory Notes:		
	2018	8,659,025
Unscheduled		0
		8,659,025
BALANCE AVAILABLE FOR NEW ALLOCATIONS		82,372,420

* Includes interest amount US\$724,141 earned by FECO/MEP/(China).

** Amounts reflect net approvals for which resources are transferred including promissory notes that are not yet encashed by the implementing agencies. The Secretariat budget reflects actual costs as per the final 2015 accounts of the Fund and approved amounts for 2015 - 2019.

TRUST FUND FOR THE MULTILATERAL FUND FOR THE IMPLEMENTATION OF THE MONTREAL PROTOCOL

TABLE 2 : 1991 - 2017 SUMMARY STATUS OF CONTRIBUTIONS AND OTHER INCOME (US\$)

BALANCE AVAILABLE FOR NEW ALLOCATIONS

As at 14 NOVEMBER 2017

Description	1991-1993	1994-1996	1997-1999	2000-2002	2003-2005	2006-2008	2009-2011	2012-2014	2015-2017	1991-2017
Pledged contributions	235,029,241	424,841,347	472,567,009	440,263,109	474,167,042	368,153,731	399,781,507	397,073,537	436,198,530	3,648,075,053
Cash payments/received	206,611,034	381,555,255	418,444,981	407,980,375	418,167,314	340,065,914	375,506,207	373,000,439	385,639,958	3,306,971,478
Bilateral assistance	4,366,255	11,909,814	21,358,066	21,302,696	47,349,203	18,831,408	13,696,475	12,481,397	12,101,019	163,396,333
Promissory notes	0	-	-	-	0	(0)	(1)	(0)	8,659,025	8,659,024
Total payments	210,977,289	393,465,069	439,803,048	429,283,071	465,516,517	358,897,322	389,202,682	385,481,836	406,400,002	3,479,026,835
Disputed contributions	0	8,098,267	0	0	0	32,471,642	405,792	3,477,910	1,301,470	45,755,081
Outstanding pledges	24,051,952	31,376,278	32,763,961	10,980,038	8,650,526	9,256,410	10,578,826	11,591,701	29,798,528	169,048,218
Payments %age to pledges	89.77%	92.61%	93.07%	97.51%	98.18%	97.49%	97.35%	97.08%	93.17%	95.37%
Interest earned	5,323,644	28,525,733	44,685,516	53,946,601	19,374,449	43,537,814	10,544,631	6,615,053	5,952,542	218,505,983
Miscellaneous income	1,442,103	1,297,366	1,223,598	1,125,282	1,386,177	3,377,184	3,547,653	5,804,410	1,782,834	20,986,608
TOTAL INCOME	217,743,036	423,288,168	485,712,161	484,354,955	486,277,143	405,812,320	403,294,966	397,901,299	414,135,378	3,718,519,425
Accumulated figures	1991-1993	1994-1996	1997-1999	2000-2002	2003-2005	2006-2008	2009-2011	2012-2014	2015-2017	1991-2017
Total pledges	235,029,241	424,841,347	472,567,009	440,263,109	474,167,042	368,153,731	399,781,507	397,073,537	436,198,530	3,648,075,053
Total payments	210,977,289	393,465,069	439,803,048	429,283,071	465,516,517	358,897,322	389,202,682	385,481,836	406,400,002	3,479,026,835
Payments %age to pledges	89.77%	92.61%	93.07%	97.51%	98.18%	97.49%	97.35%	97.08%	93.17%	95.37%
Total income	217,743,036	423,288,168	485,712,161	484,354,955	486,277,143	405,812,320	403,294,966	397,901,299	414,135,378	3,718,519,425
Total outstanding contributions	24,051,952	31,376,278	32,763,961	10,980,038	8,650,526	9,256,410	10,578,826	11,591,701	29,798,528	169,048,218
As % to total pledges	10.23%	7.39%	6.93%	2.49%	1.82%	2.51%	2.65%	2.92%	6.83%	4.63%
Outstanding contributions for certain Countries with Economies in Transition (CEITs)	24,051,952	31,376,278	32,763,961	9,811,798	7,511,984	5,940,206	6,211,155	5,000,737	1,115,572	123,783,644
CEITs' outstandings %age to pledges	10.23%	7.39%	6.93%	2.23%	1.58%	1.61%	1.55%	1.26%	0.26%	3.39%

PS: CEITs are Azerbaijan, Belarus, Bulgaria, Czech Republic, Estonia, Hungary, Latvia, Lithuania, Poland, Russian Federation, Slovakia, Slovenia, Tajikistan, Ukraine and Uzbekistan, including Turkmenistan up to 2004 as per decision XVI/39.

TRUST FUND FOR THE MULTILATERAL FUND FOR THE IMPLEMENTATION OF THE MONTREAL PROTOCOL

TABLE 3 : 1991-2017 Summary Status of Contributions (US\$)

As at 14 NOVEMBER 2017

Party	Agreed Contributions	Cash Payments	Bilateral Assistance	Promissory Notes	Outstanding Contributions	Exchange (Gain)/Loss. NB: Negative amount = Gain
Andorra	118,987	118,987	0	0	0	0
Australia*	76,324,097	74,713,189	1,610,907	0	0	2,833,293
Austria	39,001,551	38,869,761	131,790	0	0	292,517
Azerbaijan	1,212,894	311,683	0	0	901,211	0
Belarus	3,411,487	326,348	0	0	3,085,139	0
Belgium	48,490,049	48,490,050	0	0	(0)	2,307,848
Bulgaria	1,728,811	1,728,811	0	0	0	0
Canada*	133,767,705	124,011,968	9,755,736	0	0	(311,418)
Croatia	928,655	928,655	0	0	(0)	158,056
Cyprus	1,077,529	1,077,529	0	0	0	55,419
Czech Republic	12,184,475	11,896,905	287,570	0	0	726,085
Denmark	32,214,562	32,053,509	161,053	0	0	213,394
Estonia	717,491	717,491	0	0	0	70,529
Finland	25,179,275	24,780,117	399,158	0	0	63,002
France	280,318,014	252,417,059	16,529,899	0	11,371,056	(5,631,033)
Germany	397,570,692	322,525,324	65,104,213	8,659,024	1,282,131	9,114,607
Greece	22,871,727	15,757,570	0	0	7,114,157	(1,340,447)
Holy See	11,166	11,166	0	0	0	0
Hungary	8,407,230	7,823,159	46,494	0	537,577	(76,259)
Iceland	1,485,567	1,430,017	0	0	55,550	51,218
Ireland	14,484,631	14,484,631	0	0	0	1,092,611
Israel	15,928,220	3,824,671	70,453	0	12,033,096	0
Italy	221,035,026	203,167,058	17,867,969	0	(0)	8,984,455
Japan	686,716,690	667,107,478	19,609,215	0	(3)	0
Kazakhstan	1,816,530	617,980	0	0	1,198,550	0
Kuwait	286,549	286,549	0	0	0	0
Latvia	958,831	958,830	0	0	0	(2,483)
Liechtenstein	374,332	374,332	0	0	0	0
Lithuania	1,512,963	1,019,995	0	0	492,968	0
Luxembourg	3,437,318	3,437,318	0	0	0	15,647
Malta	364,540	332,205	0	0	32,335	15,485
Monaco	275,738	275,738	0	0	0	(572)
Netherlands	76,526,453	76,526,452	0	0	0	(0)
New Zealand	11,040,582	11,040,581	0	0	0	374,615
Norway	31,152,341	31,152,340	0	0	0	1,904,553
Panama	16,915	16,915	0	0	0	0
Poland	19,767,045	19,654,045	113,000	0	0	1,129,253
Portugal	18,402,025	11,191,959	47,935	0	7,162,132	198,162
Romania	2,713,469	2,713,469	0	0	(0)	0
Russian Federation	128,029,736	19,564,442	666,676	0	107,798,618	6,576,265
San Marino	45,231	45,231	0	0	0	3,429
Singapore	531,221	459,245	71,976	0	0	0
Slovak Republic	4,177,902	4,161,380	16,523	0	(0)	207,776
Slovenia	2,537,276	2,537,276	0	0	0	0
South Africa	3,793,691	3,763,691	30,000	0	0	0
Spain	118,480,950	107,216,630	5,255,992	0	6,008,328	3,470,827
Sweden	48,903,798	47,329,445	1,574,353	0	(0)	1,012,210
Switzerland	53,253,733	51,340,503	1,913,230	0	0	(1,620,902)
Tajikistan	134,899	49,086	0	0	85,813	0
Turkmenistan**	293,245	5,764	0	0	287,481	0
Ukraine	10,261,859	1,303,750	0	0	8,958,109	0
United Arab Emirates	559,639	559,639	0	0	0	0
United Kingdom	255,194,381	254,629,381	565,000	0	(0)	1,577,170
United States of America	827,212,755	805,645,565	21,567,191	0	(1)	0
Uzbekistan	832,574	188,606	0	0	643,968	0
SUB-TOTAL	3,648,075,053	3,306,971,478	163,396,333	8,659,024	169,048,218	33,465,312
Disputed Contributions***	45,755,081	0	0	0	45,755,081	0
TOTAL	3,693,830,135	3,306,971,478	163,396,333	8,659,024	214,803,300	

NB: (*) The bilateral assistance recorded for Australia and Canada was adjusted following approvals at the 39th meeting and taking into consideration a reconciliation carried out by the Secretariat through the progress reports submitted to the 40th meeting to read US \$1,208,219 and US \$6,449,438 instead of US \$1,300,088 and US \$6,414,880 respectively.

(**) In accordance with decisions VI/5 and XVI/39 of the meeting of the Parties to the Montreal Protocol, Turkmenistan has been reclassified as operating under Article 5 in 2004 and therefore its contribution of US \$5,764 for 2005 should be disregarded.

(***) Amount netted off from outstanding contributions and are shown here for records only.

TRUST FUND FOR THE MULTILATERAL FUND FOR THE IMPLEMENTATION OF THE MONTREAL PROTOCOL

TABLE 4 : Status of Contributions for 2015-2017 (US\$)

As at 14 NOVEMBER 2017

Party	Agreed Contributions	Cash Payments	Bilateral Assistance	Promissory Notes	Outstanding Contributions
Andorra	48,504	48,504	0	0	0
Australia	12,574,443	12,574,443	0	0	0
Austria	4,838,190	4,838,190	0	0	0
Azerbaijan	242,517	0	0	0	242,517
Belarus	339,522	226,348	0	0	113,174
Belgium	6,050,769	6,050,769	0	0	0
Bulgaria	284,955	284,955	0	0	0
Canada	18,091,677	18,091,677	0	0	0
Croatia	763,926	763,926	0	0	(0)
Cyprus	284,955	284,955	0	0	0
Czech Republic	2,340,276	2,340,276	0	0	0
Denmark	4,092,453	4,092,453	0	0	0
Estonia	242,517	242,517	0	0	0
Finland	3,146,643	3,146,643	0	0	0
France	33,909,768	22,010,894	527,818	0	11,371,056
Germany	43,295,127	25,977,076	7,317,773	8,659,025	1,341,253
Greece	3,868,128	0	0	0	3,868,128
Holy See	6,063	6,063	0	0	0
Hungary	1,612,731	1,075,154	0	0	537,577
Iceland	163,698	108,148	0	0	55,550
Ireland	2,534,289	2,534,289	0	0	0
Israel	2,400,906	0	0	0	2,400,906
Italy	26,967,753	24,877,303	2,090,450	0	0
Japan	65,679,333	65,359,260	320,073	0	0
Kazakhstan	733,611	489,074	0	0	244,537
Latvia	284,955	284,955	0	0	0
Liechtenstein	54,567	54,567	0	0	0
Lithuania	442,590	442,590	0	0	0
Luxembourg	491,094	491,094	0	0	0
Malta	97,005	64,670	0	0	32,335
Monaco	72,756	72,756	0	0	0
Netherlands	10,028,028	10,028,028	0	0	0
New Zealand	1,533,912	1,533,912	0	0	0
Norway	5,159,523	5,159,523	0	0	0
Poland	5,583,927	5,583,927	0	0	(0)
Portugal	2,873,811	0	0	0	2,873,811
Romania	1,370,214	1,370,214	0	0	0
Russian Federation	14,781,336	14,114,660	666,676	0	(0)
San Marino	18,189	18,189	0	0	0
Slovak Republic	1,036,755	1,036,755	0	0	(0)
Slovenia	606,288	606,288	0	0	0
Spain	18,024,984	10,838,427	1,178,229	0	6,008,328
Sweden	5,820,378	5,820,378	0	0	0
Switzerland	6,347,850	6,347,850	0	0	0
Tajikistan	18,189	0	0	0	18,189
Ukraine	600,227	0	0	0	600,227
United Kingdom	31,399,728	31,399,728	0	0	0
United States of America	94,948,529	94,948,529	0	0	(0)
Uzbekistan	90,942	0	0	0	90,942
TOTAL	436,198,530	385,639,958	12,101,019	8,659,025	29,798,528
Disputed Contributions(*)	1,301,470	0	0	0	1,301,470
TOTAL	437,500,000	385,639,958	12,101,019	8,659,025	31,099,998

(*) Additional amount on disputed contributions relating to the United States of America.

TRUST FUND FOR THE MULTILATERAL FUND FOR THE IMPLEMENTATION OF THE MONTREAL PROTOCOL
TABLE 5 : Status of Contributions for 2017 (US\$)
As at 14 NOVEMBER 2017

Party	Agreed Contributions	Cash Payments	Bilateral Assistance	Promissory Notes	Outstanding Contributions
Andorra	16,168	16,168			0
Australia	4,191,481	4,191,481.00			0
Austria	1,612,730	1,612,730			0
Azerbaijan	80,839				80,839
Belarus	113,174	113,174			0
Belgium	2,016,923	2,016,923.00			0
Bulgaria	94,985	94,985.00			0
Canada	6,030,559	6,030,558.83			0
Croatia	254,642	254,642.00			0
Cyprus	94,985	94,985.00			0
Czech Republic	780,092	780,092			0
Denmark	1,364,151	1,364,151			0
Estonia	80,839	80,839			0
Finland	1,048,881	1,048,881			0
France	11,303,256				11,303,256
Germany	14,431,709	5,772,684	1,545,089	5,772,683	1,341,253
Greece	1,289,376				1,289,376
Holy See	2,021	2,021			0
Hungary	537,577				537,577
Iceland	54,566				54,566
Ireland	844,763	844,763.00			0
Israel	800,302				800,302
Italy	8,989,251	8,706,751.00	282,500		0
Japan	21,893,111	21,893,110.85			0
Kazakhstan	244,537				244,537
Latvia	94,985	94,985.00			0
Liechtenstein	18,189	18,189.00			0
Lithuania	147,530	147,530.00			0
Luxembourg	163,698	163,698.00			0
Malta	32,335				32,335
Monaco	24,252	24,252.00			0
Netherlands	3,342,676	3,342,676.00			0
New Zealand	511,304	511,304.00			0
Norway	1,719,841	1,719,841.00			0
Poland	1,861,309	1,861,309.00			0
Portugal	957,937				957,937
Romania	456,738	456,738.00			0
Russian Federation	4,927,112	4,927,112.00			0
San Marino	6,063	6,063.00			0
Slovak Republic	345,585	345,585.00			0
Slovenia	202,096	202,096.00			0
Spain	6,008,328				6,008,328
Sweden	1,940,126	1,940,126.00			0
Switzerland	2,115,950	2,115,950.00			0
Tajikistan	6,063				6,063
Ukraine	200,076				200,076
United Kingdom	10,466,576	10,466,576.00			0
United States of America	32,083,333	32,083,333.00			0
Uzbekistan	30,314				30,314
TOTAL	145,833,333	115,346,302	1,827,589	5,772,683	22,886,759

TRUST FUND FOR THE MULTILATERAL FUND FOR THE IMPLEMENTATION OF THE MONTREAL PROTOCOL

TABLE 6 : Status of Contributions for 2016 (US\$)

As at 14 NOVEMBER 2017

Party	Agreed Contributions	Cash Payments	Bilateral Assistance	Promissory Notes	Outstanding Contributions
Andorra	16,168	16,168			0
Australia	4,191,481	4,191,481.00			0
Austria	1,612,730	1,612,730			0
Azerbaijan	80,839				80,839
Belarus	113,174	113,174			0
Belgium	2,016,923	2,016,923.00			0
Bulgaria	94,985	94,985.00			0
Canada	6,030,559	6,030,558.90			0
Croatia	254,642	254,642.00			0
Cyprus	94,985	94,985.00			0
Czech Republic	780,092	780,092			0
Denmark	1,364,151	1,364,151			0
Estonia	80,839	80,839			0
Finland	1,048,881	1,048,881			0
France	11,303,256	11,018,799	216,657		67,800
Germany	14,431,709	8,659,025	2,886,342	2,886,342	(0)
Greece	1,289,376				1,289,376
Holy See	2,021	2,021			0
Hungary	537,577	537,577.00			0
Iceland	54,566	53,581.74			984
Ireland	844,763	844,763.00			0
Israel	800,302				800,302
Italy	8,989,251	7,463,801.00	1,525,450		0
Japan	21,893,111	21,753,838.00	139,273		0
Kazakhstan	244,537	244,537.00			0
Latvia	94,985	94,985.00			0
Liechtenstein	18,189	18,189.00			0
Lithuania	147,530	147,530.00			0
Luxembourg	163,698	163,698.00			0
Malta	32,335	32,335.00			0
Monaco	24,252	24,252.00			0
Netherlands	3,342,676	3,342,676.00			0
New Zealand	511,304	511,304.00			0
Norway	1,719,841	1,719,841.00			0
Poland	1,861,309	1,861,309.00			0
Portugal	957,937				957,937
Romania	456,738	456,738.00			0
Russian Federation	4,927,112	4,260,435.92	666,676		0
San Marino	6,063	6,063.00			0
Slovak Republic	345,585	345,585.00			0
Slovenia	202,096	202,096.00			0
Spain	6,008,328	4,830,099.00	1,178,229		0
Sweden	1,940,126	1,940,126.00			0
Switzerland	2,115,950	2,115,950.00			0
Tajikistan	6,063				6,063
Ukraine	200,076				200,076
United Kingdom	10,466,576	10,466,576.00			0
United States of America	31,233,927	31,233,927.00			0
Uzbekistan	30,314				30,314
TOTAL	144,983,927	132,051,268	6,612,627	2,886,342	3,433,691
Disputed Contributions(*)	849,406				
TOTAL	145,833,333	132,051,268	6,612,627	2,886,342	3,433,691

(*) Additional amount on disputed contributions relating to the United States of America.

TRUST FUND FOR THE MULTILATERAL FUND FOR THE IMPLEMENTATION OF THE MONTREAL PROTOCOL

TABLE 7 : Status of Contributions for 2015 (US\$)

As at 14 NOVEMBER 2017

Party	Agreed Contributions	Cash Payments	Bilateral Assistance	Promissory Notes	Outstanding Contributions
Andorra	16,168	16,168			0
Australia	4,191,481	4,191,481.00			0
Austria	1,612,730	1,612,730.00			0
Azerbaijan	80,839				80,839
Belarus	113,174				113,174
Belgium	2,016,923	2,016,923.00			0
Bulgaria	94,985	94,985.00			0
Canada	6,030,559	6,030,558.90			0
Croatia	254,642	254,642.44			(0)
Cyprus	94,985	94,985.00			0
Czech Republic	780,092	780,092.00			0
Denmark	1,364,151	1,364,151.00			0
Estonia	80,839	80,839.00			0
Finland	1,048,881	1,048,881.00			0
France	11,303,256	10,992,095.00	311,161		0
Germany	14,431,709	11,545,367.09	2,886,342		(0)
Greece	1,289,376				1,289,376
Holy See	2,021	2,021.00			0
Hungary	537,577	537,577.00			0
Iceland	54,566	54,566.00			0
Ireland	844,763	844,763.00			0
Israel	800,302				800,302
Italy	8,989,251	8,706,750.99	282,500		0
Japan	21,893,111	21,712,311.00	180,800		0
Kazakhstan	244,537	244,537.00			0
Latvia	94,985	94,985.00			0
Liechtenstein	18,189	18,189.00			0
Lithuania	147,530	147,530.00			0
Luxembourg	163,698	163,698.00			0
Malta	32,335	32,335.00			0
Monaco	24,252	24,252.00			0
Netherlands	3,342,676	3,342,676.00			0
New Zealand	511,304	511,304.00			0
Norway	1,719,841	1,719,841.00			0
Poland	1,861,309	1,861,309.40			(0)
Portugal	957,937				957,937
Romania	456,738	456,738.00			0
Russian Federation	4,927,112	4,927,112.49			(0)
San Marino	6,063	6,063.00			0
Slovak Republic	345,585	345,585.18			(0)
Slovenia	202,096	202,096.00			0
Spain	6,008,328	6,008,328.00			0
Sweden	1,940,126	1,940,126.00			0
Switzerland	2,115,950	2,115,950.00			0
Tajikistan	6,063				6,063
Ukraine	200,076				200,076
United Kingdom	10,466,576	10,466,576.00			0
United States of America	31,631,269	31,631,269.40			(0)
Uzbekistan	30,314				30,314
TOTAL	145,381,269	138,242,388	3,660,803		3,478,079
Disputed Contributions(*)	452,064				452,064
TOTAL	145,833,333	138,242,388	3,660,803		3,930,143

(*) Additional amount on disputed contributions relating to the United States of America.

TRUST FUND FOR THE MULTILATERAL FUND FOR THE IMPLEMENTATION OF THE MONTREAL PROTOCOL

TABLE 8 : Status of Contributions for 2012 - 2014 (US\$)

As at 14 NOVEMBER 2017

Party	Agreed Contributions	Cash Payments	Bilateral Assistance	Promissory Notes	Outstanding Contributions
Andorra	35,720	35,787	0	0	-67
Australia	9,863,697	9,863,697	0	0	0
Austria	4,342,476	4,342,476	0	0	0
Azerbaijan	76,542	0	0	0	76,542
Belarus	214,317	0	0	0	214,317
Belgium	5,485,501	5,485,501	0	0	0
Bulgaria	193,906	193,906	0	0	0
Canada	16,364,653	16,364,653	0	0	0
Croatia	164,729	164,729	0	0	0
Cyprus	234,728	234,728	0	0	0
Czech Republic	1,780,874	1,780,874	0	0	0
Denmark	3,755,655	3,755,655	0	0	0
Estonia	204,112	204,112	0	0	0
Finland	2,888,180	2,888,180	0	0	0
France	31,244,394	30,205,709	1,038,685	0	0
Germany	40,914,185	32,731,348	8,182,837	0	0
Greece	3,526,029	280,000	0	0	3,246,029
Holy See	5,103	5,103	0	0	0
Hungary	1,484,912	1,484,912	0	0	0
Iceland	214,317	214,317	0	0	0
Ireland	2,541,190	2,541,190	0	0	0
Israel	1,959,472	0	0	0	1,959,472
Italy	25,508,856	24,700,925	807,931	0	0
Japan	63,937,981	62,379,038	1,558,944	0	0
Kazakhstan	386,718	128,906	0	0	257,812
Latvia	193,906	193,906	0	0	0
Liechtenstein	45,925	45,925	0	0	0
Lithuania	331,681	331,680	0	0	1
Luxembourg	459,251	459,251	0	0	0
Malta	86,747	86,747	0	0	0
Monaco	15,308	15,308	0	0	0
Netherlands	9,465,679	9,465,679	0	0	0
New Zealand	1,393,062	1,393,062	0	0	0
Norway	4,444,532	4,444,532	0	0	0
Poland	4,225,112	4,225,112	0	0	0
Portugal	2,607,527	0	0	0	2,607,527
Romania	903,194	903,194	0	0	0
Russian Federation	8,174,672	5,449,782	0	0	2,724,891
San Marino	15,308	15,308	0	0	0
Slovak Republic	724,596	724,596	0	0	0
Slovenia	525,588	525,588	0	0	0
Spain	16,211,570	15,318,570	893,000	0	0
Sweden	5,429,370	5,429,370	0	0	0
Switzerland	5,766,155	5,766,155	0	0	0
Tajikistan	10,206	0	0	0	10,206
Ukraine	443,943	0	0	0	443,943
United Kingdom	33,698,837	33,698,837	0	0	0
United States of America	84,522,090	84,522,090	0	0	0
Uzbekistan	51,028	0	0	0	51,028
TOTAL	397,073,537	373,000,439	12,481,397	0	11,591,701
Disputed Contributions(*)	3,477,910				3,477,910
TOTAL	400,551,447	373,000,439	12,481,397	0	15,069,611

(*) Additional amount on disputed contributions relating to the United States of America.

TRUST FUND FOR THE MULTILATERAL FUND FOR THE IMPLEMENTATION OF THE MONTREAL PROTOCOL
TABLE 9 : Status of Contributions for 2014 (US\$)
As at 14 NOVEMBER 2017

Party	Agreed Contributions	Cash Payments	Bilateral Assistance	Promissory Notes	Outstanding Contributions
Andorra	11,907	11,907			0
Australia	3,287,899	3,287,899			0
Austria	1,447,492	1,447,492			0
Azerbaijan	25,514				25,514
Belarus	71,439				71,439
Belgium	1,828,500	1,828,500			0
Bulgaria	64,635	64,635			0
Canada	5,454,884	5,454,884			(0)
Croatia	164,729	164,729			0
Cyprus	78,243	78,243			0
Czech Republic	593,625	593,625			0
Denmark	1,251,885	1,251,885			0
Estonia	68,037	68,037			0
Finland	962,727	962,727			0
France	10,414,798	9,755,199	659,599		(0)
Germany	13,638,062	5,455,225	2,688,494	(0)	5,494,343
Greece	1,175,343				1,175,343
Holy See	1,701	1,701			0
Hungary	494,971	494,971			0
Iceland	71,439	71,439			0
Ireland	847,063	847,063			0
Israel	653,157				653,157
Italy	8,502,952	7,762,821	740,131		(0)
Japan	21,312,660	21,193,682	118,979		0
Kazakhstan	128,906	128,906			(0)
Latvia	64,635	64,635			0
Liechtenstein	15,308	15,308			0
Lithuania	110,560	110,560			0
Luxembourg	153,084	153,084			0
Malta	28,916	28,916			0
Monaco	5,103	5,103			0
Netherlands	3,155,226	3,155,226			0
New Zealand	464,354	464,354			0
Norway	1,481,511	1,481,511			0
Poland	1,408,371	1,408,371			0
Portugal	869,176				869,176
Romania	301,065	301,065			(0)
Russian Federation	2,724,891	2,724,891			0
San Marino	5,103	5,103			0
Slovak Republic	241,532	241,532			0
Slovenia	175,196	175,196			0
Spain	5,403,857	5,403,857			0
Sweden	1,809,790	1,809,790			0
Switzerland	1,922,052	1,922,052			0
Tajikistan	3,402				3,402
Ukraine	147,981				147,981
United Kingdom	11,232,946	11,232,946			0
United States of America	28,619,010	28,619,010			0
Uzbekistan	17,009				17,009
TOTAL	132,912,645	120,248,078	4,207,203	(0)	8,457,364
Disputed Contributions(*)	714,323				714,323
TOTAL	133,626,968	120,248,078	4,207,203	0	9,171,688

(*) Additional amount on disputed contributions relating to the United States of America.

TRUST FUND FOR THE MULTILATERAL FUND FOR THE IMPLEMENTATION OF THE MONTREAL PROTOCOL

TABLE 10 : Status of Contributions for 2013 (US\$)

As at 14 NOVEMBER 2017

Party	Agreed Contributions	Cash Payments	Bilateral Assistance	Promissory Notes	Outstanding Contributions
Andorra	11,907	11,907			0
Australia	3,287,899	3,287,899			0
Austria	1,447,492	1,447,492			0
Azerbaijan	25,514				25,514
Belarus	71,439				71,439
Belgium	1,828,500	1,828,500			0
Bulgaria	64,635	64,635			0
Canada	5,454,884	5,454,884			0
Croatia	0				
Cyprus	78,243	78,243			0
Czech Republic	593,625	593,625			0
Denmark	1,251,885	1,251,885			0
Estonia	68,037	68,037			0
Finland	962,727	962,727			0
France	10,414,798	10,324,398	90,400		0
Germany	13,638,062	13,638,062	2,766,731		(2,766,731)
Greece	1,175,343				1,175,343
Holy See	1,701	1,701			0
Hungary	494,971	494,971			0
Iceland	71,439	71,439			0
Ireland	847,063	847,063			0
Israel	653,157				653,157
Italy	8,502,952	8,502,952			0
Japan	21,312,660	21,312,660			0
Kazakhstan	128,906	0			128,906
Latvia	64,635	64,635			0
Liechtenstein	15,308	15,308			0
Lithuania	110,560	110,560			0
Luxembourg	153,084	153,084			0
Malta	28,916	28,916			0
Monaco	5,103	5,103			0
Netherlands	3,155,226	3,155,226			0
New Zealand	464,354	464,354			0
Norway	1,481,511	1,481,511			0
Poland	1,408,371	1,408,371			0
Portugal	869,176				869,176
Romania	301,065	301,065			0
Russian Federation	2,724,891	2,724,891			0
San Marino	5,103	5,103			0
Slovak Republic	241,532	241,532			0
Slovenia	175,196	175,196			0
Spain	5,403,857	5,403,857			0
Sweden	1,809,790	1,809,790			0
Switzerland	1,922,052	1,922,052			0
Tajikistan	3,402				3,402
Ukraine	147,981				147,981
United Kingdom	11,232,946	11,232,946			0
United States of America	28,364,323	28,364,323			0
Uzbekistan	17,009				17,009
TOTAL	132,493,229	129,310,901	2,857,131		325,197
Disputed Contributions(*)	969,010				969,010
TOTAL	133,462,239	129,310,901	2,857,131		1,294,207

(*) Additional amount on disputed contributions relating to the United States of America.

TRUST FUND FOR THE MULTILATERAL FUND FOR THE IMPLEMENTATION OF THE MONTREAL PROTOCOL
TABLE 11 : Status of Contributions for 2012 (US\$)
As at 14 NOVEMBER 2017

Party	Agreed Contributions	Cash Payments	Bilateral Assistance	Promissory Notes	Outstanding Contributions
Andorra	11,907	11,974			(67)
Australia	3,287,899	3,287,899			0
Austria	1,447,492	1,447,492			0
Azerbaijan	25,514				25,514
Belarus	71,439				71,439
Belgium	1,828,500	1,828,500			0
Bulgaria	64,635	64,635			0
Canada	5,454,884	5,454,884			0
Croatia	0				
Cyprus	78,243	78,243			0
Czech Republic	593,625	593,625			0
Denmark	1,251,885	1,251,885			0
Estonia	68,037	68,037			0
Finland	962,727	962,727			0
France	10,414,798	10,126,112	288,686		0
Germany	13,638,062	13,638,062	2,727,612		(2,727,612)
Greece	1,175,343	280,000			895,343
Holy See	1,701	1,701			0
Hungary	494,971	494,971			0
Iceland	71,439	71,439			0
Ireland	847,063	847,063			0
Israel	653,157				653,157
Italy	8,502,952	8,435,152	67,800		(0)
Japan	21,312,660	19,872,696	1,439,965		0
Kazakhstan	128,906	0			128,906
Latvia	64,635	64,635			0
Liechtenstein	15,308	15,308			0
Lithuania	110,560	110,560			0
Luxembourg	153,084	153,084			0
Malta	28,916	28,916			0
Monaco	5,103	5,103			0
Netherlands	3,155,226	3,155,226			0
New Zealand	464,354	464,354			0
Norway	1,481,511	1,481,511			0
Poland	1,408,371	1,408,371			0
Portugal	869,176				869,176
Romania	301,065	301,065			0
Russian Federation	2,724,891				2,724,891
San Marino	5,103	5,103			0
Slovak Republic	241,532	241,532			0
Slovenia	175,196	175,196			0
Spain	5,403,857	4,510,857	893,000		0
Sweden	1,809,790	1,809,790			0
Switzerland	1,922,052	1,922,052			0
Tajikistan	3,402				3,402
Ukraine	147,981				147,981
United Kingdom	11,232,946	11,232,946			0
United States of America	27,538,756	27,538,756			0
Uzbekistan	17,009				17,009
TOTAL	131,667,662	123,441,460	5,417,063		2,809,140
Disputed Contributions(*)	1,794,577				1,794,577
TOTAL	133,462,239	123,441,460	5,417,063		4,603,717

(*) Additional amount on disputed contributions relating to the United States of America.

TRUST FUND FOR THE MULTILATERAL FUND FOR THE IMPLEMENTATION OF THE MONTREAL PROTOCOL
TABLE 12 : Summary Status of Contributions for 2009-2011 (US\$)
As at 14 NOVEMBER 2017

Party	Agreed Contributions	Cash Payments	Bilateral Assistance	Promissory Notes	Outstanding Contributions
Andorra	34,764	34,697	0	0	67
Australia	8,678,133	8,339,133	339,000	0	0
Austria	4,307,501	4,307,501	0	0	0
Azerbaijan	24,281	0	0	0	24,281
Belarus	97,125	0	0	0	97,125
Belgium	5,351,596	5,351,596	0	0	0
Bulgaria	97,125	97,125	0	0	0
Canada	14,457,080	14,028,245	428,835	0	0
Cyprus	213,675	213,675	0	0	0
Czech Republic	1,364,608	1,143,128	221,480	0	0
Denmark	3,588,775	3,588,775	0	0	0
Estonia	77,700	77,700	0	0	0
Finland	2,738,929	2,738,929	0	0	0
France	30,599,281	29,546,764	1,052,517	0	(0)
Germany	41,652,124	33,321,699	8,330,424	(1)	2
Greece	2,894,330	2,894,330	0	0	(0)
Hungary	1,184,927	1,184,927	0	0	0
Iceland	179,682	179,682	0	0	0
Ireland	2,161,035	2,161,035	0	0	0
Israel	2,034,772	0	0	0	2,034,772
Italy	24,664,934	24,067,481	597,453	0	0
Japan	80,730,431	78,896,665	1,833,766	0	0
Kazakhstan	140,801	0	0	0	140,801
Latvia	87,413	87,413	0	0	0
Liechtenstein	48,563	48,563	0	0	0
Lithuania	150,544	150,544	0	0	0
Luxembourg	412,782	412,782	0	0	0
Malta	82,556	82,556	0	0	0
Monaco	14,569	14,569	0	0	0
Netherlands	9,095,771	9,095,771	0	0	0
New Zealand	1,243,202	1,243,202	0	0	0
Norway	3,797,594	3,797,594	0	0	0
Poland	2,432,985	2,432,985	0	0	0
Portugal	2,559,248	932,219	0	0	1,627,029
Romania	339,938	339,938	0	0	0
Russian Federation	5,827,509	0	0	0	5,827,509
San Marino	11,734	11,734	0	0	0
Slovak Republic	305,944	305,944	0	0	0
Slovenia	466,201	466,201	0	0	0
Spain	14,413,373	12,955,373	893,000	0	565,000
Sweden	5,201,052	5,201,052	0	0	0
Switzerland	5,905,210	5,905,210	0	0	0
Tajikistan	4,857	0	0	0	4,857
Ukraine	218,532	0	0	0	218,532
United Kingdom	32,255,265	32,255,265	0	0	0
United States of America	87,594,208	87,594,208	0	0	(0)
Uzbekistan	38,850	0	0	0	38,850
SUB-TOTAL	399,781,507	375,506,207	13,696,475	(1)	10,578,826
Disputed Contributions(*)	405,792	0	0	0	405,792
TOTAL	400,187,299	375,506,207	13,696,475	-1	10,984,618

(*) Additional amount on disputed contributions relating to the United States of America.

TRUST FUND FOR THE MULTILATERAL FUND FOR THE IMPLEMENTATION OF THE MONTREAL PROTOCOL

TABLE 13 : Status of Contributions for 2011 (US\$)

As at 14 NOVEMBER 2017

Party	Agreed Contributions	Cash Payments	Bilateral Assistance	Promissory Notes	Outstanding Contributions
Andorra	12,948	12,881			67
Australia	2,892,711	2,553,711	339,000		0
Austria	1,435,834	1,435,834			0
Azerbaijan	8,094				8,094
Belarus	32,375				32,375
Belgium	1,783,865	1,783,865			0
Bulgaria	32,375	32,375			0
Canada	4,819,027	4,819,027			0
Cyprus	71,225	71,225			0
Czech Republic	454,869	415,319	39,550		0
Denmark	1,196,258	1,196,258			0
Estonia	25,900	25,900			0
Finland	912,976	912,976			0
France	10,199,760	9,634,760	565,000		0
Germany	13,884,041	5,553,617	2,776,808	(1)	5,553,618
Greece	964,777	964,777			0
Hungary	394,976	394,976			0.00
Iceland	59,894	59,894			0
Ireland	720,345	720,345			0
Israel	678,257				678,257
Italy	8,221,645	8,221,645			(0)
Japan	26,910,144	26,440,498	469,646		0
Kazakhstan	46,934	0			46,934
Latvia	29,138	29,138			0
Liechtenstein	16,188	16,188			0
Lithuania	50,181	50,181			0
Luxembourg	137,594	137,594			0
Malta	27,519	27,519			0
Monaco	4,856	4,856			0
Netherlands	3,031,924	3,031,924			0
New Zealand	414,401	414,401			0
Norway	1,265,865	1,265,865			0
Poland	810,995	810,995			0
Portugal	853,083				853,083
Romania	113,313	113,313			0
Russian Federation	1,942,503				1,942,503
San Marino	4,855	4,855			0
Slovak Republic	101,981	101,981			0
Slovenia	155,400	155,400			0
Spain	4,804,458	4,804,458			(0)
Sweden	1,733,684	1,733,684			0
Switzerland	1,968,403	1,968,403			0
Tajikistan	1,619				1,619
Ukraine	72,844				72,844
United Kingdom	10,751,755	10,751,755			0
United States of America	29,333,333	29,333,333			0
Uzbekistan	12,950				12,950
TOTAL	133,398,070	120,005,724	4,190,004	(1)	9,202,343

Table 14: Status of Promissory Notes as at 14 November 2017 (US\$)

MULTILATERAL FUND'S PROMISSORY NOTES

Country	HELD BY			IMPLEMENTING AGENCY FOR WHICH HELD OR ASSIGNED TO					
	A WORLD BANK	B TREASURER	C= A+B TOTAL	D UNDP	E UNEP	F UNIDO	G WORLD BANK	H TREASURER	D+E+F+G+H=I I=C TOTAL
	Net Value	Net Value	Net Value	Net Value	Net Value	Net Value	Net Value	Net Value	Net Value
Canada	-	-	-	-	-	-	-	-	-
France	-	-	0	-	-	-	-	0	0
Germany	-	8,659,025	8,659,025	-	-	-	-	8,659,025	8,659,025
The Netherlands	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-
United States of America	-	0	0	-	-	-	-	0	0
TOTAL	-	8,659,025	8,659,025	-	-	-	-	8,659,025	8,659,025

Table 15: 2004-2017 Ledger of Promissory Notes as at 14/11/2017

RECEIPTS													ENCASHMENTS			
Date of Submission a/	Year of contribution	Country of Origin	P/Note code	Denomination/ Type of currency	Amount (in Original denomination)	Note Value in USD per UNEP	Date of transfer	Agency	Transfer amount in Original denomination	Date of Encashment	Actual Encashment value (USD)	Gain/(Loss) to intended value (USD)				
	2004 - 2012	Canada		Can\$	37,801,368.39	31,377,892.52			37,822,572.11	2005 - 2012	34,479,816.33	3,101,923.81				
	2004 - 2012	France		Euro	70,874,367.37	87,584,779.29			70,874,367.37	2006 - 2013	93,273,116.31	5,688,337.02				
Dec.2013	2013	France		Euro	7,436,663.95	10,324,398.10		TREASURER	7,436,663.95	9/17/2015	8,384,678.22	1,939,719.88				
	2014	France		Euro	7,026,669.91	9,755,199.00		TREASURER	7,026,669.91	9/17/2015	7,922,730.75	1,832,468.25				
						20,079,597.10										
						-										
8/9/2004	2004	Germany	BU 104 1006 01	US\$	18,914,439.57	18,914,439.57										
							8/3/2005	TREASURER	6,304,813.19	8/3/2005	6,304,813.19	-				
							8/11/2006	TREASURER	6,304,813.19	8/11/2006	6,304,813.19	-				
							2/16/2007	TREASURER	3,152,406.60	2/16/2007	3,152,406.60	-				
							8/10/2007	TREASURER	3,152,406.60	8/10/2007	3,152,406.60	-				
									18,914,439.57		18,914,439.58					
7/8/2005	2005	Germany	BU 105 1003 01	US\$	7,565,775.83	7,565,775.83										
							4/18/2006	TREASURER	1,260,962.64	4/18/2006	1,260,962.64	-				
							8/11/2006	TREASURER	1,260,962.64	8/11/2006	1,260,962.64	-				
							2/16/2007	TREASURER	1,260,962.64	2/16/2007	1,260,962.64	-				
							8/10/2007	TREASURER	1,260,962.64	8/10/2007	1,260,962.64	-				
							2/12/2008	TREASURER	1,260,962.64	2/12/2008	1,260,962.64	-				
							8/12/2008	TREASURER	1,260,962.63	8/12/2008	1,260,962.64	-				
									7,565,775.83		7,565,775.83					
5/10/2006	2006	Germany	BU 106 1004 01	Euro	11,662,922.38	14,473,718.52										
						2,412,286.41	2/28/2007	TREASURER	1,943,820.40	2/28/2007	2,558,067.65	145,781.24				
						2,412,286.41	8/10/2007	TREASURER	1,943,820.40	8/10/2007	2,681,305.85	269,019.44				
						2,412,286.42	2/12/2008	TREASURER	1,943,820.40	2/12/2008	2,821,066.54	408,780.12				
						2,412,286.42	8/12/2008	TREASURER	1,943,820.40	8/12/2008	2,930,114.87	517,828.45				
						2,412,286.42	2/17/2009	TREASURER	1,943,820.40	2/17/2009	2,492,560.89	80,274.47				
						2,412,286.44	8/12/2009	TREASURER	1,943,820.38	8/12/2009	2,760,613.72	348,327.28				
									11,662,922.38		11,662,922.38					
7/23/2007	2007	Germany	BU 107 1006 01	Euro	11,662,922.38	14,473,718.52										
						2,412,286.42	2/12/2008	TREASURER	1,943,820.40	2/12/2008	2,821,066.54	408,780.12				
						2,412,286.41	8/12/2008	TREASURER	1,943,820.39	8/12/2008	2,930,114.87	517,828.46				
						2,412,286.42	2/17/2009	TREASURER	1,943,820.40	2/17/2009	2,492,560.89	80,274.47				
						2,412,286.42	8/12/2009	TREASURER	1,943,820.38	8/12/2009	2,760,613.72	348,327.30				
						2,412,286.42	2/11/2010	TREASURER	1,943,820.40	2/11/2010	3,179,312.65	767,026.23				
						2,412,286.43	8/10/2010	TREASURER	1,943,820.41	8/10/2010	2,561,178.36	148,891.93				
									11,662,922.38		11,662,922.38					
8/15/2008	2008	Germany	BU 108 1004 01	Euro	4,665,168.96	5,789,487.42										
						964,914.57	2/17/2009	TREASURER	777,528.16	2/17/2009	997,024.36	32,109.79				
						964,914.57	8/12/2009	TREASURER	777,528.16	8/12/2009	1,104,245.49	139,330.92				
						964,914.57	2/11/2010	TREASURER	777,528.16	2/11/2010	529,107.91	(435,806.66)				
						964,914.57	8/10/2010	TREASURER	777,528.16	8/10/2010	1,024,470.50	59,555.93				
						964,914.60	2/10/2011	TREASURER	777,528.16	2/10/2011	1,060,159.65	95,245.05				
						964,914.54	6/20/2011	TREASURER	777,528.16	6/20/2011	1,095,381.67	130,467.13				
									4,665,168.96		4,665,168.96					
12/18/2009	2009	Germany	BU 109 1007 01	Euro	9,121,815.12	13,884,041.00										
						2,314,006.88	2/11/2010	TREASURER	1,520,302.52	2/11/2010						
						2,314,006.88	8/10/2010	TREASURER	1,520,302.52	8/10/2010	2,003,150.60	(310,856.28)				
						2,314,006.88	2/10/2011	TREASURER	1,520,302.52	2/10/2011	2,072,932.49	(241,074.39)				
						2,314,006.88	6/20/2011	TREASURER	1,520,302.52	6/20/2011	2,141,802.19	(172,204.69)				
						2,314,006.88	2/3/2012	TREASURER	1,520,302.52	2/3/2012	2,002,998.57	(311,008.31)				
						2,314,006.60	8/8/2012	TREASURER	1,520,302.52	8/8/2012	1,881,982.56	(432,024.04)				
									9,121,815.12		9,121,815.12					

RECEIPTS							ENCASHMENTS					
Date of Submission a/	Year of contribution	Country of Origin	P/Note code	Denomination/ Type of currency	Amount (in Original denomination)	Note Value in USD per UNEP	Date of transfer	Agency	Transfer amount in Original denomination	Date of Encashment	Actual Encashment value (USD)	Gain/(Loss) to intended value (USD)
4/14/2010	2010	Germany	BU 110 1002 01	Euro	9,121,815.12	13,884,041.00						
						2,314,006.88	2/10/2011	TREASURER	1,520,302.52	2/10/2011	2,072,932.48	(241,074.40)
						2,314,006.88	6/20/2011	TREASURER	1,520,302.52	6/20/2011	2,141,802.19	(172,204.69)
						2,314,006.88	2/3/2012	TREASURER	1,520,302.52	2/3/2012	2,002,998.57	(311,008.31)
						2,314,006.88	8/8/2012	TREASURER	1,520,302.52	8/8/2012	1,881,982.56	(432,024.32)
						2,314,006.88	2/12/2013	TREASURER	1,520,302.52	2/12/2013	2,037,357.39	(276,649.49)
						2,314,006.60	8/12/2013	TREASURER	1,520,302.52	8/12/2013	2,028,843.72	(285,162.88)
									9,121,815.12		9,121,815.12	
4/27/2011	2011	Germany	BU 111 1001 01	Euro	3,648,726.05	5,553,616.51						
						925,602.75	2/3/2012	TREASURER	608,121.01	2/3/2012	801,199.43	(124,403.32)
						925,602.75	8/8/2012	TREASURER	608,121.00	8/8/2012	752,792.86	(172,809.89)
						925,602.75	2/12/2013	TREASURER	608,121.01	2/12/2013	814,942.98	(110,659.77)
						925,602.75	8/12/2013	TREASURER	608,121.01	8/12/2013	811,537.48	(114,065.27)
						925,602.75	2/11/2014	TREASURER	608,121.01	2/11/2014	824,186.40	(101,416.35)
						925,602.76	8/12/2014	TREASURER	608,121.00	8/12/2014	814,152.39	(111,450.37)
									3,648,726.04		4,818,811.54	
1/24/2013	2012	Germany	BU 113 1001 01	Euro	9,823,495.77	13,638,061.59						
						2,273,010.27	2/12/2013	TREASURER	1,637,249.30	2/12/2013	2,194,077.79	(78,932.48)
						2,273,010.26	8/12/2013	TREASURER	1,637,249.30	8/12/2013	2,184,909.18	(88,101.08)
						2,273,010.27	2/11/2014	TREASURER	1,637,249.30	2/11/2014	2,220,601.22	(52,409.05)
						2,273,010.27	8/12/2014	TREASURER	1,637,249.30	8/12/2014	2,191,949.36	(81,060.92)
						909,204.10	2/10/2015	TREASURER	654,899.72	2/10/2015	749,663.71	(159,540.39)
						3,636,816.42	8/5/2015	TREASURER	2,619,598.87	8/5/2015	2,868,722.72	(768,093.70)
						-	BALANCE	TREASURER				
									0.7203			
3/25/2013	2013	Germany	BU 113 1004 01	Euro	9,823,495.77	13,638,061.59						
						2,273,010.27	2/11/2014	TREASURER	1,637,249.30	2/11/2014	2,220,601.22	(52,409.05)
						2,273,010.27	8/12/2014	TREASURER	1,637,249.30	8/12/2014	2,191,949.36	(81,060.92)
						2,273,010.27	8/12/2014	TREASURER	1,637,249.30	8/12/2014	2,191,949.36	(81,060.92)
						2,273,010.27	2/10/2015	TREASURER	1,637,249.30	2/10/2015	1,874,159.27	(398,851.00)
						2,273,010.24	8/12/2015	TREASURER	1,637,249.30	8/12/2015	1,874,159.27	(398,850.97)
						2,273,010.27	2/10/2016	TREASURER	1,637,249.30	2/10/2016	1,874,159.27	(398,851.00)
						-	BALANCE	TREASURER				
						-						
10/2/2014	2014	Germany	BU 114 1003 01	Euro	3,929,398.32	5,455,224.66						
						1,818,408.22	8/5/2015	TREASURER	1,309,799.44	8/5/2015	1,434,361.37	(384,046.85)
						909,204.11	2/10/2016	TREASURER	654,899.72	2/10/2016	727,004.18	(182,199.93)
						909,204.11	8/10/2016	TREASURER	654,899.73	8/10/2016	726,087.33	(183,116.78)
						909,204.11	2/10/2017	TREASURER	654,893.73	2/10/2017	698,450.55	(210,753.56)
						909,204.11	11/14/2017	TREASURER	654,893.73	11/14/2017	759,028.26	(150,175.85)
						(0.00)	BALANCE	TREASURER				
1/19/2015	2015	Germany	BU 115 1001 01	Euro	8,424,308.00	11,545,367.08						
						4,329,512.66	2/10/2015	TREASURER	3,159,115.50	2/10/2015	3,616,239.51	(713,273.15)
						4,329,512.66	8/5/2015	TREASURER	3,159,115.50	8/5/2015	3,459,547.38	(869,965.28)
						2,886,341.77	2/10/2016	TREASURER	2,106,077.00	2/10/2016	2,337,956.08	(548,385.69)
						0.00	BALANCE	TREASURER				
1/12/2016	2016	Germany	BU 116 1000 01	Euro	8,424,308.00	11,545,367.08						
						1,443,170.89	2/10/2016	TREASURER				
						4,329,512.66	8/10/2016	TREASURER	3,159,115.50	8/10/2016	3,502,511.35	(827,001.31)
						1,443,170.89	2/10/2017	TREASURER	1,053,038.50	2/10/2017	1,123,065.56	(320,105.33)
						1,443,170.89	11/14/2017	TREASURER	1,053,038.50	11/14/2017	1,227,211.07	(215,959.82)
						2,886,341.75	BALANCE	TREASURER	1,053,038.50	2/10/2016	1,168,978.04	(1,717,363.71)
1/13/2017	2017	Germany	BU 117 1000 01	Euro	8,424,308.00	11,545,367.08						
						2,886,341.77	2/10/2017	TREASURER	2,106,077.00	2/10/2017	2,246,131.12	(640,210.65)

RECEIPTS							ENCASHMENTS					
Date of Submission a/	Year of contribution	Country of Origin	P/Note code	Denomination/ Type of currency	Amount (in Original denomination)	Note Value in USD per UNEP	Date of transfer	Agency	Transfer amount in Original denomination	Date of Encashment	Actual Encashment value (USD)	Gain/(Loss) to intended value (USD)
						2,886,341.77	11/14/2017	TREASURER	2,106,077.00	11/14/2017	2,454,422.14	(431,919.63)
						5,772,683.54						
12/8/2003	2004	Netherlands	D 11	US\$	3,364,061.32	3,364,061.32	11/17/2004	TREASURER	3,364,061.32	11/17/2004	3,364,061.32	-
12/8/2003	2005	Netherlands	D 11	US\$	3,364,061.32	3,364,061.32	12/5/2005	TREASURER	3,364,061.32	12/5/2005	3,364,061.32	-
5/18/2004	2004	UK		GBP	7,243,564.08	10,718,502.63						
						1,786,417.11	8/23/2005	TREASURER	1,207,260.68	8/23/2005	2,166,550.02	380,132.91
						5,359,251.32	Feb. 2006	TREASURER	3,621,782.04	Feb. 2006	6,303,711.64	944,460.32
						3,572,834.20	7/24/2006	TREASURER	3,621,782.04	7/24/2006	4,473,383.73	900,549.53
									7,243,564.08		12,943,645.39	2,225,142.76
6/1/2005	2005	UK		GBP	7,243,564.08	10,718,502.63						
						1,786,417.11	7/24/2006	TREASURER	1,207,260.68	7/24/2006	2,236,691.86	450,274.75
						4,681,386.55	8/9/2006	TREASURER	3,163,681.03	8/9/2006	6,036,303.40	1,354,916.85
						4,250,698.97	8/16/2006	TREASURER	2,872,622.37	8/16/2006	5,429,236.28	1,178,537.31
									7,243,564.08		13,702,231.54	2,983,728.91
5/13/2005	2004	USA		US\$	4,920,000.00	4,920,000.00	10/27/2005	TREASURER	2,000,000.00	10/27/2005	2,000,000.00	-
							11/2/2006	TREASURER	2,000,000.00	11/2/2006	2,000,000.00	-
							10/25/2007	TREASURER	920,000.00	10/25/2007	920,000.00	-
									4,920,000.00		4,920,000.00	
3/1/2006	2005	USA		US\$	3,159,700.00	3,159,700.00	11/2/2006	TREASURER	2,000,000.00	11/2/2006	2,000,000.00	-
							10/25/2007	TREASURER	1,159,700.00	10/25/2007	1,159,700.00	-
									3,159,700.00		3,159,700.00	
4/25/2007	2006	USA		US\$	7,315,000.00	7,315,000.00	10/25/2007	TREASURER	2,500,000.00	10/25/2007	2,500,000.00	-
							11/19/2008	TREASURER	2,500,000.00	11/19/2008	2,500,000.00	-
							5/11/2009	TREASURER	2,315,000.00	5/11/2009	2,315,000.00	-
									7,315,000.00		7,315,000.00	
2/21/2008	2008	USA		US\$	4,683,000.00	4,683,000.00	11/19/2008	TREASURER	2,341,500.00	11/19/2008	2,341,500.00	-
							5/11/2009	TREASURER	2,341,500.00	5/11/2009	2,341,500.00	-
									4,683,000.00		4,683,000.00	
4/21/2009	2009	USA		US\$	5,697,000.00	5,697,000.00						
							5/11/2009	TREASURER	1,900,000.00	5/11/2009	1,900,000.00	-
							11/4/2010	TREASURER	1,900,000.00	11/4/2010	1,900,000.00	-
							11/3/2011	TREASURER	1,897,000.00	11/3/2011	1,897,000.00	-

TRUST FUND FOR THE MULTILATERAL FUND FOR THE IMPLEMENTATION OF THE MONTREAL PROTOCOL**TABLE 16: OUTSTANDING PROMISSORY NOTES SCHEDULE OF ENCASHMENT AS AT 14 NOVEMBER 2017**

	Due in 2018	Unscheduled	TOTAL
<u>FRANCE:</u>			0
<u>GERMANY:</u>			
2016	2,886,342		2,886,342
2017	5,772,684		5,772,684
<u>USA</u>			0
	8,659,025	0	8,659,025

NOTE:

Germany's promissory notes due are payable in February and August of the relevant years.

**LIST OF COUNTRIES WHICH HAVE EITHER CONFIRMED TO THE TREASURER
IN WRITING THAT THEY WOULD BE USING
THE FIXED-EXCHANGE-RATE MECHANISM DURING
THE 2015 – 2017 REPLENISHMENT PERIOD OR PAID IN NATIONAL CURRENCIES
WITHOUT FORMALLY WRITING TO THE TREASURER
(As at 31 December 2016)**

1. Australia
2. Austria
3. Belgium
4. Canada
5. Croatia
6. Cyprus
7. Czech Republic
8. Denmark
9. Estonia
10. Finland
11. France
12. Germany
13. Ireland
14. Italy
15. Luxemburg
16. Malta
17. New Zealand
18. Norway
19. Poland
20. Russian Federation
21. San Marino
22. Slovak Republic
23. Spain
24. Sweden
25. Switzerland
26. United Kingdom of Great Britain and Northern Ireland

FIXED-EXCHANGE-RATE-MECHANISM GAIN/LOSS SINCE INCEPTION TO 30 JUNE 2017 BY YEAR AND BY COUNTRY (US\$)

Countries	Years																							Total	
	2000	2001	2002	Triennial Total	2003	2004	2005	Triennial Total	2006	2007	2008	Triennial Total	2009	2010	2011	Triennial Total	2012	2013	2014	Triennial Total	2015	2016	2017		Triennial Total
Australia	122,206	387,899	288,692	798,797	0	0	0	0	(35,417)	(338,494)	(629,928)	(1,003,839)	830,366	160,757	(263,612)	727,511	(136,924)	(31,711)	453,465	284,830	671,945	675,643	678,404	2,025,992	2,833,291
Austria	300,733	231,653	139,014	671,400	(394,474)	(557,480)	(730,189)	(1,682,143)	37,708	(116,929)	(308,115)	(387,336)	134,021	237,977	146,967	518,965	95,837	35,460	37,963	169,260	336,069	307,944	358,357	1,002,370	292,516
Belgium	282,630	319,544	136,550	738,724	0	0	0	0	(124,068)	(162,931)	(257,784)	(544,783)	49,306	354,026	113,532	516,864	240,379	105,774	11,341	357,494	428,979	369,670	440,900	1,239,549	2,307,848
Canada	175,291	236,991	105,756	518,037	(537,361)	(1,237,624)	(1,436,927)	(3,211,913)	(376,639)	(782,838)	(732,607)	(1,892,084)	346,991	66,444	(26,489)	386,946	189,113	278,671	617,525	1,085,308	786,426	914,286	918,264	2,618,977	(494,729)
Croatia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	58,225	46,864	52,967	158,056	158,056
Cyprus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19,028	16,750	19,641	55,419	55,419
Czech Republic	13,897	25,618	0	39,515	0	0	0	0	0	0	0	0	50,943	18,629	64,391	133,963	65,041	41,742	66,460	173,243	87,879	150,906	140,579	379,365	726,085
Denmark	138,148	230,833	63,159	432,141	(501,349)	(501,349)	(472,503)	(1,475,201)	0	0	(228,663)	(228,663)	103,043	120,109	131,509	354,662	122,686	67,245	15,246	205,177	292,204	331,183	301,892	925,279	213,394
Estonia	0	0	0	0	0	0	0	0	0	0	0	0	3,432	4,515	2,885	10,832	3,743	4,434	2,004	10,181	16,036	15,459	18,020	49,516	70,529
Finland	115,890	141,496	69,112	326,498	(274,428)	(432,559)	(299,025)	(1,006,012)	(22,461)	(68,319)	(227,926)	(318,705)	112,329	102,612	74,540	289,482	51,531	58,812	19,771	130,114	206,091	236,786	198,749	641,626	63,002
France	(1,533,277)	(2,133,234)	(2,012,884)	(5,679,396)	(2,957,343)	(2,420,064)	(2,351,126)	(7,728,533)	(906,457)	(1,342,570)	(1,734,496)	(3,983,523)	1,036,279	741,826	884,116	2,662,221	404,155	1,832,468	1,939,720	4,176,343	2,271,139	2,650,716	0	4,921,855	(5,631,033)
Germany	2,225,672	(1,166,039)	(1,068,824)	(9,191)	0	0	0	(1,770,011)	(1,770,011)	(2,271,129)	(20,902)	(4,062,042)	1,709,003	1,718,124	734,805	4,161,932	699,355	1,445,613	1,887,751	4,032,718	2,131,624	1,421,299	640,211	4,193,134	8,316,552
Greece	0	17,445	(95,334)	(77,889)	(338,919)	(514,503)	(540,760)	(1,394,182)	(18,766)	(87,384)	(113,463)	(219,613)	85,320	130,608	135,311	351,238	0	0	0	0	0	0	0	0	(1,340,447)
Hungary	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(76,259)
Iceland	4,503	20,004	11,474	35,981	(14,101)	(20,467)	(31,502)	(66,070)	(5,469)	(5,208)	8,012	(2,665)	27,745	27,379	24,687	79,811	3,699	463	0	4,162	0	0	0	0	51,218
Ireland	73,379	67,982	67,477	208,838	0	0	0	0	0	0	0	0	127,105	92,083	57,109	276,298	49,733	55,346	18,860	123,938	163,581	166,666	153,290	483,536	1,092,611
Italy	1,403,683	1,421,314	466,979	3,291,976	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,842,402	1,773,522	2,076,555	5,692,480	8,994,455	
Latvia	0	0	0	0	0	0	0	0	2,306	(132)	(4,657)	(2,483)	0	0	0	0	0	0	0	0	0	0	0	0	(2,483)
Luxembourg	18,606	21,052	13,365	53,022	(39,767)	(43,236)	(76,291)	(159,295)	5,682	(5,318)	(24,613)	(24,249)	21,205	15,555	14,552	51,312	0	0	0	0	31,496	35,222	28,139	94,857	15,647
Malta	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7,742	7,742	0	15,485	15,485
Monaco	0	0	0	0	0	0	0	0	183	(301)	(1,270)	(1,388)	0	0	0	0	244	447	125	816	0	0	0	0	(572)
New Zealand	45,163	23,265	0	68,428	0	0	0	0	0	0	0	0	107,681	39,025	10,150	156,856	(24,078)	(21,158)	(34,718)	(79,955)	53,479	85,702	90,104	229,285	374,615
Norway	137,439	143,427	(108,545)	172,322	0	0	0	(649)	(162,592)	(333,493)	(496,734)	341,655	134,269	119,389	595,312	45,997	(21,702)	148,293	172,588	521,680	503,219	0	1,024,899	1,468,387	
Poland	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	349,495	440,584	339,174	1,129,253	1,129,253
Portugal	83,230	120,030	(5,098)	198,162	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	198,162
Russian Federation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,499,412	2,137,353	0	4,636,765	4,636,765
San Marino	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,380	1,123	926	3,429	3,429	
Slovak Republic	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12,128	16,999	7,013	36,140	58,037	65,919	47,679	171,636	207,776
Spain	0	0	0	0	0	0	0	0	(87,244)	(309,097)	(1,066,425)	(1,462,766)	385,321	507,791	665,130	1,558,243	445,331	91,123	563,660	1,100,113	1,251,604	1,023,632	0	2,275,237	3,470,827
Sweden	51,613	271,090	287,559	610,262	(285,316)	(485,076)	(533,162)	(1,303,554)	(18,518)	(124,535)	(345,164)	(488,218)	222,108	382,436	38,723	643,268	66,817	(14,051)	45,993	98,759	466,205	464,619	520,869	1,451,693	1,012,210
Switzerland	163,059	147,018	19,068	329,145	(410,173)	(699,015)	(569,795)	(1,678,983)	10,447	(58,037)	(377,820)	(425,410)	59,808	35,100	(448,812)	(353,904)	(3,162)	29,015	(68,652)	(42,799)	150,856	177,127	223,067	551,050	(1,620,902)
United Kingdom	496,699	45,563	(164,852)	377,410	(2,458,748)	(2,225,143)	(2,983,729)	(7,667,619)	(788,186)	(1,105,442)	(676,642)	(2,570,270)	2,293,689	2,089,059	1,940,187	6,322,935	(89,182)	374,972	(472,947)	(187,158)	811,071	1,973,100	2,517,699	5,301,871	1,577,170
Totals				3,104,182				(27,373,505)				(18,191,030)				19,444,745				11,851,273				41,272,614	30,108,278

Annex II

APPROVED 2018, 2019 AND 2020 BUDGETS OF THE FUND SECRETARIAT

		Approved 2018	Approved 2019	Approved 2020	Comments
10	PERSONNEL COMPONENT				
1100	Project Personnel (Title & Grade)				All staff costs are based on standard salary cost and adjusted based on actual cost with a 3% annual increase
	01 Chief Officer (D2)	283,218	291,714	300,466	
	02 Deputy Chief Officer (D1)	279,501	287,886	296,523	
	03 Programme Management Officer (P4)	197,602	203,530	209,636	
	04 Deputy Chief Officer on Financial and Economic Affairs (P5)	252,575	260,152	267,956	
	05 Senior Project Management Officer (P5)	252,575	260,152	267,956	
	06 Senior Project Management Officer (P5)	252,575	260,152	267,956	
	07 Senior Project Management Officer (P5)	252,575	260,152	267,956	
	08 Information Management Officer (P4)	227,657	234,486	241,521	
	09 Senior Administrative & Fund Management Officer (P5)*	226,613	233,411	240,413	
	10 Senior Monitoring and Evaluation Officer (P5)	252,575	260,152	267,956	
	11 Programme Management Officer (P3) / (P2)	155,227	159,884	164,681	Adjustment to reflect correct level of funding
	12 Information Network Officer (P4)	167,587	172,614	177,793	
	14 Programme Management Officer (P4)	196,817	202,721	208,803	
	15 Associate Administrative Officer (P2)	135,061	139,113	143,286	
	16 Associate Database Officer (P2)	135,061	139,113	143,286	
	98 Prior Year				
1199	Sub-Total	3,267,216	3,365,232	3,466,189	
1200	Consultants				
	01 Projects and technical reviews etc.	75,000	75,000	75,000	
	02 Administrative cost study				
1299	Sub-Total	75,000	75,000	75,000	
1300	Administrative Support Personnel				
	01 Administrative Assistant (G7)				Post cancelled and replaced by Post 1115 due to upgrade to P2
	02 Meeting Services Assistant (G7)	106,463	109,657	112,947	
	03 Programme Assistant (G6)	100,737	103,759	106,872	
	04 Programme Assistant (G6)	84,460	86,994	89,604	
	05 Programme Assistant (G5)	78,861	81,227	83,664	
	06 Computer Operations Assistant (G6)	100,738	103,760	106,873	
	07 Programme Assistant (G5)	83,349	85,849	88,425	
	08 Secretary/Clerk, Administration (G6)	89,412	92,094	94,857	
	09 Registry Clerk (G4)	68,123	70,167	72,272	
	10 Database Assistant (G7)	-	-	-	Post cancelled and replaced by Post 1116 due to upgrade to P2
	11 Programme Assistant, Monitoring & Evaluation (G5)	78,861	81,227	83,664	
	12 IMIS Assistant (G6)	-	-	-	Funded from programme support costs
	13 Programme Assistant (G5)	78,861	81,227	83,664	
	14 Programme Assistant (G5)	76,565	78,861	81,227	
	15 Associate Human Resources Officer (G7)	-	-	-	Funded from programme support costs
	Sub-Total	946,431	974,824	1,004,068	
1330	Conference Servicing Cost				
1333	Meeting Services: ExCom	355,800	355,800	355,800	
1334	Meeting Services: ExCom	355,800	355,800	355,800	
1336	Meeting Services: ExCom				
1335	Temporary Assistance	18,800	18,800	18,800	Based on two meetings in 2018-2020
1335	ExCom costs				
	Sub-Total	730,400	730,400	730,400	
1399	TOTAL ADMINISTRATIVE SUPPORT	1,676,831	1,705,224	1,734,468	

(1) Do not include allocation for 2016 unrecorded expenditures amounting to US \$62,808 consisting of: BL 1201: Administrative cost study (US \$37,600), BL 4102: Expendable softwares (US \$9,240), BL 5105: Network maintenance (US \$3,285) and BL 5301: Communications (US \$12,683)

Note: Personnel costs under BLs 1100 and 1300 will be reduced by US \$274,447 based on 2016 actual cost differentials between staff cost in Montreal and staff cost in Nairobi covered by the Government of Canada.

* Difference in cost between P4 and P5 (US \$28,000) is to be reversed and charged to Treasurer's fee.

		Approved 2018	Approved 2019	Approved 2020	Comments
1600	Travel on official business				
	01 Mission costs	208,000	208,000	208,000	Based on tentative a travel plan schedule
	02 Network meetings (4)	50,000	50,000	50,000	Allocation for four network meetings a year
1699	Sub-Total	258,000	258,000	258,000	
1999	COMPONENT TOTAL	5,277,047	5,403,456	5,533,658	
20	CONTRACTUAL COMPONENT				
2100	Sub-contracts				
	01 Treasury services (decision 59/51(b))	500,000	500,000	500,000	Fixed fees per the agreement with the Treasurer (decision 59/51(b))
	02 Corporate consultancies				
2200	Subcontracts				
	01 Various studies				
	02 Corporate contracts	-	-	-	
2999	COMPONENT TOTAL	500,000	500,000	500,000	
30	MEETING PARTICIPATION COMPONENT				
3300	Travel and DSA for Article 5 delegates to Executive Committee meetings				
	01 Travel of Chairperson and Vice-Chairperson	15,000	15,000	15,000	Covers travel other than attendance to Executive Committee meetings
	02 Executive Committee (3 in 2017, 2018 and 2019)	150,000	150,000	150,000	Based on two meetings in 2018-2020
3999	COMPONENT TOTAL	165,000	165,000	165,000	
40	EQUIPMENT COMPONENT				
4100	Expendables				
	01 Office stationery	12,285	12,285	12,285	Based on anticipated needs
	02 Computer expendable (software, accessories, hubs, switches,	10,530	10,530	10,530	Based on anticipated needs
4199	Sub-Total	22,815	22,815	22,815	
4200	Non-Expendable Equipment				
	01 Computers, printers	13,000	13,000	13,000	Based on anticipated needs
	02 Other expendable equipment (shelves, furnitures)	5,850	5,850	5,850	
4299	Sub-Total	18,850	18,850	18,850	
4300	Premises				
	01 Rental of office premises***	870,282	870,282	870,282	US \$52,890 to be charged to the budget. Balance to be covered by Government of Canada cost differential and allocation to be reduced
	Sub-Total	870,282	870,282	870,282	
4999	COMPONENT TOTAL	911,947	911,947	911,947	
50	MISCELLANEOUS COMPONENT				
5100	Operation and Maintenance of Equipment				
	01 Computers and printers, etc. (toners, colour printer)	8,100	8,100	8,100	Based on anticipated needs
	02 Maintenance of office premises	8,000	8,000	8,000	Based on anticipated needs
	03 Rental of photocopiers (office)	15,000	15,000	15,000	Based on anticipated needs
	04 Telecommunication equipment rental	8,000	8,000	8,000	Based on anticipated needs
	05 Network maintenance	10,000	10,000	10,000	Based on anticipated needs
5199	Sub-Total	49,100	49,100	49,100	
5200	Reproduction Costs				
	01 ExCom and reports to MOP	10,710	10,710	10,710	
5299	Sub-Total	10,710	10,710	10,710	
5300	Sundries				
	01 Communications	58,500	58,500	58,500	Based on anticipated needs
	02 Freight charges	9,450	9,450	9,450	Based on anticipated needs
	03 Bank charges	4,500	4,500	4,500	Based on anticipated needs
	05 Staff training	20,137	20,137	20,137	Based on anticipated needs
	06 GST				
	04 PST				
5399	Sub-Total	92,587	92,587	92,587	
5400	Hospitality and Entertainment				
	01 Hospitality costs	16,800	16,800	16,800	Based on two meetings in 2018-2020
5499	Sub-Total	16,800	16,800	16,800	
5999	COMPONENT TOTAL	169,197	169,197	169,197	
GRAND TOTAL		7,023,191	7,149,600	7,279,802	
	Programme support costs (9%)	379,228	390,605	402,323	Applied to staff cost only
COST TO MULTILATERAL FUND		7,402,419	7,540,205	7,682,125	
	Previous budget schedule	7,829,038	7,961,748		
	Increase/decrease	(426,619)	(421,543)	7,682,125	

***Rental of premises will be offset by US \$579,964 (based on 2016) being covered by cost differential with Government of Canada leaving US \$54,526 to be charged to the MLF.

2018 MONITORING AND EVALUATION BUDGET

			Approved 2018	Approved 2019	Approved 2020	Comments
1200	Consultants					
	01	Evaluation of the refrigeration servicing sector	118,050			
	02	Desk Study for the evaluation of HPMP Preparation to assist with the Kigali Amendment	15,000			
1600	Staff Travel					
	01	Mission costs	33,800			
	02	Network meeting	3,930			
5300	Sundries					
	01	Miscellaneous	4,000			
GRAND TOTAL			174,780			

Annex III**PROJECTS WITH IMPLEMENTATION DELAYS**

Country/project code	Agency	Project title
China (CPR/ARS/56/INV/473)	UNIDO	Sector plan for phase-out of CFCs consumption in MDI sector
Egypt (EGY/ARS/50/INV/92)	UNIDO	Phase-out of CFC consumption in the manufacture of aerosol metered dose inhalers (MDIs)
Sudan (the) (SUD/FUM/73/TAS/36)	UNIDO	Technical assistance for the final phase-out of methyl bromide in the post-harvest sector
Syrian Arab Republic (SYR/REF/62/INV/103)	UNIDO	Phase-out of HCFC-22 and HCFC-141b from the manufacture of unitary air-conditioning equipment and rigid polyurethane insulation panels at Al Hafez Group

Annex IV

PROJECTS FOR WHICH ADDITIONAL STATUS REPORTS WERE REQUESTED

Country	Agency	Project title/project code	Recommendations
Cuba	UNDP	Institutional strengthening – Phase X: 1/2016-12/2017 (CUB/SEV/75/INS/54)	To monitor the signing of the Agreement between the Government and UNDP noting that the delay is due to Government internal changes and procedures.
Lebanon	UNDP	HCFC phase-out management plan (stage II, first tranche) (refrigeration servicing sector) (LEB/PHA/75/INV/87)	To monitor low disbursement rate of approved funds, noting that the activities were planned to start by June/July 2017.
Lebanon	UNDP	HCFC phase-out management plan (stage II, first tranche) (project management and coordination) (LEB/PHA/75/TAS/88)	To monitor low disbursement rate of approved funds, noting that the recruitment of consultants is taking longer than planned.
Saint Kitts and Nevis	UNDP	HCFC phase-out management plan (stage I, first tranche) (STK/PHA/64/TAS/16)	To monitor low disbursement rate of approved funds.
Central African Republic (the)	UNEP	HCFC phase-out management plan (stage I, first tranche) (CAF/PHA/64/TAS/22)	To monitor the resumption of activities in the country.
Guatemala	UNEP	HCFC phase-out management plan (stage I, third tranche) (GUA/PHA/75/TAS/50)	To monitor low disbursement rate of approved funds, noting that the first disbursement has not been released yet.
Guyana	UNEP	HCFC phase-out management plan (stage I, second tranche) (GUY/PHA/74/TAS/24)	To monitor low disbursement rate of approved funds, noting that the first disbursement has not been released yet.
Kuwait	UNEP	HCFC phase-out management plan (stage I, first and second tranches) (refrigeration servicing sector and monitoring and verification) (KUW/PHA/66/TAS/19); (KUW/PHA/74/TAS/23)	To monitor implementation progress and low disbursement rate noting that the country faced some issues in finalizing the financial report due to internal administrative restructuring.
Mozambique	UNEP	HCFC phase-out management plan (stage I, second tranche) (MOZ/PHA/73/TAS/25)	To monitor low disbursement rate of approved funds noting that the signing of the agreement was delayed due to structural and administrative changes in the Ministry.
Nauru	UNEP	Institutional strengthening – Phase V: 8/2014-7/2016 (NAU/SEV/72/INS/09)	To monitor the signing of the Agreement between the Government and UNEP, noting that the new Ozone Officer has been recently appointed by the Government.

Country	Agency	Project title/project code	Recommendations
Qatar	UNEP	HCFC phase-out management plan (stage I, first tranche) (refrigeration servicing sector) (QAT/PHA/65/TAS/17)	To monitor low disbursement rate of approved funds, noting that the Agreement has not been signed.
Albania	UNIDO	HCFC phase-out management plan (stage I, third tranche) (ALB/PHA/75/INV/30)	To monitor low disbursement rate of approved funds, noting that the work plan was agreed in June 2017.
Algeria	UNIDO	HCFC phase-out management plan (stage I, first tranche) (activities in the refrigeration servicing sector including phase-out of HCFC-141b used for flushing, and project monitoring) (ALG/PHA/66/INV/77)	To monitor low disbursement rate of approved funds, noting that the activities related to the verification of the baseline equipment and training of customs officers could not be implemented due to communication issues with the national ozone unit.
Central African Republic (the)	UNIDO	HCFC phase-out management plan (stage I, first tranche) (CAF/PHA/64/INV/21)	To monitor the resumption of activities in the country.
Iraq	UNIDO	Preparation of a HCFC phase-out management plan/ investment activities in air-conditioning sector (stage II) (IRQ/PHA/73/PRP/19) (IRQ/REF/73/PRP/20)	To monitor the HCFC phase-out management plan preparation project due to the security situation in the country, noting that a coordination meeting with stakeholders has been held and data is being collected.
Iraq	UNIDO	HCFC phase-out management plan (stage I, second tranche) (refrigeration servicing sector) (IRQ/PHA/74/INV/23)	To monitor implementation progress and disbursement rate of approved funds due to security situation.
Libya	UNIDO	HCFC phase-out management plan (stage I, first tranche) (foam sector) (LIB/PHA/75/INV/36)	To monitor implementation progress and disbursement rate of approved funds due to security situation, noting that the equipment for the two beneficiaries is held by the manufacturer.
Morocco	UNIDO	HCFC phase-out management plan (stage I, first tranche) (refrigeration servicing sector) (MOR/PHA/65/INV/68)	To monitor the completion of the audit.
Morocco	UNIDO	HCFC phase-out management plan (stage I, second tranche) (refrigeration servicing sector) (MOR/PHA/68/INV/69)	To monitor low disbursement rate of approved funds.
Tunisia	UNIDO	Institutional strengthening – Phase VIII: 4/2015-4/2017 (TUN/SEV/74/INS/64)	To monitor low disbursement rate of approved funds due to focus on activities from the previous phase.

Annex V

UPDATED AGREEMENT BETWEEN THE GOVERNMENT OF KINGDOM OF BAHRAIN AND THE EXECUTIVE COMMITTEE OF THE MULTILATERAL FUND FOR THE REDUCTION IN CONSUMPTION OF HYDROCHLOROFLUOROCARBONS

1. This Agreement represents the understanding of the Government of the Kingdom of Bahrain (the “Country”) and the Executive Committee with respect to the reduction of controlled use of the ozone-depleting substances (ODS) set out in Appendix 1-A (“The Substances”) to a sustained level of 31.66 ODP tonnes by 1 January 2020 in compliance with Montreal Protocol schedules.
2. The Country agrees to meet the annual consumption limits of the Substances as set out in row 1.2 of Appendix 2-A (“The Targets, and Funding”) in this Agreement as well as in the Montreal Protocol reduction schedule for all Substances mentioned in Appendix 1-A. The Country accepts that, by its acceptance of this Agreement and performance by the Executive Committee of its funding obligations described in paragraph 3, it is precluded from applying for or receiving further funding from the Multilateral Fund in respect to any consumption of the Substances that exceeds the level defined in row 1.2 of Appendix 2-A as the final reduction step under this Agreement for all of the Substances specified in Appendix 1-A, and in respect to any consumption of each of the Substances that exceeds the level defined in rows 4.1.3, 4.2.3 and 4.3.3 (remaining eligible consumption).
3. Subject to compliance by the Country with its obligations set out in this Agreement, the Executive Committee agrees, in principle, to provide the funding set out in row 3.1 of Appendix 2-A to the Country. The Executive Committee will, in principle, provide this funding at the Executive Committee meetings specified in Appendix 3-A (“Funding Approval Schedule”).
4. The Country agrees to implement this Agreement in accordance with the HCFC phase-out sector plans submitted. In accordance with sub-paragraph 5(b) of this Agreement, the Country will accept independent verification of the achievement of the annual consumption limits of the Substances as set out in row 1.2 of Appendix 2-A of this Agreement. The aforementioned verification will be commissioned by the relevant bilateral or implementing agency.
5. The Executive Committee will not provide the Funding in accordance with the Funding Approval Schedule unless the Country satisfies the following conditions at least eight weeks in advance of the applicable Executive Committee meeting set out in the Funding Approval Schedule:
 - (a) That the Country had met the Targets set out in row 1.2 of Appendix 2-A for all relevant years. Relevant years are all years since the year in which this Agreement was approved. Years for which no obligation for reporting of country programme data exists at the date of the Executive Committee meeting at which the funding request is being presented are exempted;
 - (b) That the meeting of these Targets has been independently verified, unless the Executive Committee decided that such verification would not be required;
 - (c) That the Country had submitted annual implementation reports in the form of Appendix 4-A (“Format of Implementation Reports and Plans”) covering each previous calendar year; that it had achieved a significant level of implementation of activities initiated with previously approved tranches; and that the rate of disbursement of funding available from the previously approved tranche was more than 20 per cent; and

- (d) That the Country has submitted an annual implementation plan in the form of Appendix 4-A covering each calendar year until and including the year for which the funding schedule foresees the submission of the next tranche or, in case of the final tranche, until completion of all activities foreseen.

6. The Country will ensure that it conducts accurate monitoring of its activities under this Agreement. The institutions set out in Appendix 5-A (“Monitoring Institutions and Roles”) will monitor and report on implementation of the activities in the previous annual implementation plans in accordance with their roles and responsibilities set out in Appendix 5-A. This monitoring will also be subject to independent verification as described in paragraph 4 above.

7. The Executive Committee agrees that the Country may have the flexibility to reallocate the approved funds, or part of the funds, according to the evolving circumstances to achieve the smoothest reduction of consumption and phase-out of the Substances specified in Appendix 1-A:

- (a) Reallocations categorized as major changes must be documented in advance either in an annual implementation plan submitted as foreseen in sub-paragraph 5(d) above, or as a revision to an existing annual implementation plan to be submitted eight weeks prior to any meeting of the Executive Committee, for its approval. Major changes would relate to:
 - (i) Issues potentially concerning the rules and policies of the Multilateral Fund;
 - (ii) Changes which would modify any clause of this Agreement;
 - (iii) Changes in the annual levels of funding allocated to individual bilateral or implementing agencies for the different tranches; and
 - (iv) Provision of funding for programmes or activities not included in the current endorsed annual implementation plan, or removal of an activity in the annual implementation plan, with a cost greater than 30 per cent of the total cost of the last approved tranche;
- (b) Reallocations not categorized as major changes may be incorporated in the approved annual implementation plan, under implementation at the time, and reported to the Executive Committee in the subsequent annual implementation report; and
- (c) Should the Country decide during implementation of the agreement to introduce an alternative technology other than that proposed in the approved HPMP, this would require approval by the Executive Committee as part of an Annual Implementation Plan or the revision of the approved plan. Any submission of such a request for change in technology would identify the associated incremental costs, the potential impact to the climate, and any differences in ODP tonnes to be phased out if applicable. The Country agrees that potential savings in incremental costs related to the change of technology would decrease the overall funding level under this Agreement accordingly;
- (d) Any enterprise to be converted to non-HCFC technology included in the approved HPMP and that would be found to be ineligible under the guidelines of the Multilateral Fund (i.e., due to foreign ownership or establishment post the 21 September 2007 cut-off date), will not receive assistance. This information would be reported to the Executive Committee as part of the Annual Implementation Plan; and

- (e) Any remaining funds will be returned to the Multilateral Fund upon completion of the last tranche foreseen under this Agreement.

8. Specific attention will be paid to the execution of the activities in the refrigeration servicing sub-sector, in particular:

- (a) The Country would use the flexibility available under this Agreement to address specific needs that might arise during project implementation; and
- (b) The Country and the bilateral and implementing agencies involved will take full account of the requirements of decisions 41/100 and 49/6 during the implementation of the plan.

9. The Country agrees to assume overall responsibility for the management and implementation of this Agreement and of all activities undertaken by it or on its behalf to fulfil the obligations under this Agreement. UNEP has agreed to be the lead implementing agency (the “Lead IA”) and UNIDO has agreed to be the cooperating implementing agency/agencies (the “Cooperating IA”) under the lead of the Lead IA in respect of the Country’s activities under this Agreement. The Country agrees to evaluations, which might be carried out under the monitoring and evaluation work programmes of the Multilateral Fund or under the evaluation programme of any of the agencies taking part in this Agreement.

10. The Lead IA will be responsible for ensuring co-ordinated planning, implementation and reporting of all activities under this Agreement, including but not limited to independent verification as per subparagraph 5(b). This responsibility includes the necessity to co-ordinate with the Cooperating IA to ensure appropriate timing and sequence of activities in the implementation. The Cooperating IA will support the Lead IA by implementing the activities listed in Appendix 6-B under the overall co-ordination of the Lead IA. The Lead IA and Cooperating IA have reached consensus on the arrangements regarding inter-agency planning, reporting and responsibilities under this Agreement to facilitate a co-ordinated implementation of the Plan, including regular co-ordination meetings. The Executive Committee agrees, in principle, to provide the Lead IA and the Cooperating IA with the fees set out in rows 2.2 and 2.4 of Appendix 2-A.

11. Should the Country, for any reason, not meet the Targets for the elimination of the Substances set out in row 1.2 of Appendix 2-A or otherwise does not comply with this Agreement, then the Country agrees that it will not be entitled to the Funding in accordance with the Funding Approval Schedule. At the discretion of the Executive Committee, funding will be reinstated according to a revised Funding Approval Schedule determined by the Executive Committee after the Country has demonstrated that it has satisfied all of its obligations that were due to be met prior to receipt of the next tranche of funding under the Funding Approval Schedule. The Country acknowledges that the Executive Committee may reduce the amount of the Funding by the amount set out in Appendix 7-A (“Reductions in Funding for Failure to Comply”) in respect of each ODP kg of reductions in consumption not achieved in any one year. The Executive Committee will discuss each specific case in which the Country did not comply with this Agreement, and take related decisions. Once these decisions are taken, this specific case will not be an impediment for future tranches as per paragraph 5 above.

12. The Funding of this Agreement will not be modified on the basis of any future Executive Committee decision that may affect the funding of any other consumption sector projects or any other related activities in the Country.

13. The Country will comply with any reasonable request of the Executive Committee, the Lead IA and the Cooperating IA to facilitate implementation of this Agreement. In particular, it will provide the Lead IA and the Cooperating IA with access to the information necessary to verify compliance with this Agreement.

14. The completion of stage I of the HPMP and the associated Agreement will take place at the end of the year following the last year for which a maximum allowable total consumption level has been specified in Appendix 2-A. Should there at that time still be activities that are outstanding, and which were foreseen in the Plan and its subsequent revisions as per sub-paragraph 5(d) and paragraph 7, the completion will be delayed until the end of the year following the implementation of the remaining activities. The reporting requirements as per sub-paragraphs 1(a), 1(b), 1(d), and 1(e) of Appendix 4-A will continue until the time of the completion unless otherwise specified by the Executive Committee.

15. All of the conditions set out in this Agreement are undertaken solely within the context of the Montreal Protocol and as specified in this Agreement. All terms used in this Agreement have the meaning ascribed to them in the Montreal Protocol unless otherwise defined herein.

16. This updated Agreement supersedes the Agreement reached between the Government of Bahrain and the Executive Committee at the 68th meeting of the Executive Committee.

APPENDICES

APPENDIX 1-A: THE SUBSTANCES

Substance	Annex	Group	Starting point for aggregate reductions in consumption (ODP tonnes)
HCFC-22	C	I	50.84
HCFC-141b	C	I	0.44
Sub-total			51.29
HCFC-141b contained in imported pre-blended polyols	C	I	10.11
Total			61.39

APPENDIX 2-A: THE TARGETS, AND FUNDING

Row	Particulars	2012	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
1.1	Montreal Protocol reduction schedule of Annex C, Group I substances (ODP tonnes)	n/a	51.90	51.90	46.71	46.71	46.71	46.71	33.74	33.74	33.74	33.74	n/a
1.2	Maximum allowable total consumption of Annex C, Group I substances (ODP tonnes)	n/a	51.77	51.77	46.45	45.39	43.54	37.27	31.66	31.66	31.66	31.66	n/a
2.1	Lead IA (UNEP) agreed funding (US \$)	120,000	145,000	0	0	0	0	125,000	0	55,000	0	25,000	470,000
2.2	Support costs for Lead IA (US \$)	15,600	18,850	0	0	0	0	16,250	0	7,150	0	3,250	61,100
2.3	Cooperating IA (UNIDO) agreed funding (US \$)	549,455	0	0	0	0	0	936,646	0	720,384	0	132,500	2,338,985
2.4	Support costs for Cooperating IA (US \$)	38,462	0	0	0	0	0	65,565	0	50,427	0	9,275	163,729
3.1	Total agreed funding (US \$)	669,455	145,000	0	0	0	0	1,061,646	0	775,384	0	157,500	2,808,985
3.2	Total support costs (US \$)	54,062	18,850	0	0	0	0	81,815	0	57,577	0	12,525	224,829
3.3	Total agreed costs (US \$)	723,517	163,850	0	0	0	0	1,143,461	0	832,961	0	170,025	3,033,814
4.1.1	Total phase-out of HCFC-22 agreed to be achieved under this Agreement (ODP tonnes)												22.77
4.1.2	Phase-out of HCFC-22 to be achieved in previously approved projects (ODP tonnes)												0.00
4.1.3	Remaining eligible consumption for HCFC-22 (ODP tonnes)												28.69
4.2.1	Total phase-out of HCFC-141b agreed to be achieved under this Agreement (ODP tonnes)												0.44
4.2.2	Phase-out of HCFC-141b to be achieved in previously approved projects (ODP tonnes)												0.00
4.2.3	Remaining eligible consumption for HCFC-141b (ODP tonnes)												0.00
4.3.1	Total phase-out of HCFC-141b contained in imported pre-blended polyols agreed to be achieved under this Agreement (ODP tonnes)												0.00
4.3.2	Phase-out of HCFC-141b contained in imported pre-blended polyols to be achieved in previously approved projects (ODP tonnes)												0.00
4.3.3	Remaining eligible consumption for HCFC-141b contained in imported pre-blended polyols (ODP tonnes)												10.11

APPENDIX 3-A: FUNDING APPROVAL SCHEDULE

1. Funding for the future tranches will be considered for approval at the last meeting of the year specified in Appendix 2-A.

APPENDIX 4-A: FORMAT OF IMPLEMENTATION REPORTS AND PLANS

1. The submission of the Implementation Report and Plan for each tranche request will consist of five parts:

- (a) A narrative report, with data provided by calendar year, regarding the progress since the year prior to the previous report, reflecting the situation of the Country in regard to phase out of the Substances, how the different activities contribute to it, and how they relate to each other. The report should include ODS phase-out as a direct result from the implementation of activities, by substance, and the alternative technology used and the related phase-in of alternatives, to allow the Secretariat to provide to the Executive Committee information about the resulting change in climate relevant emissions. The report should further highlight successes, experiences, and challenges related to the different activities included in the Plan, reflecting any changes in the circumstances in the Country, and providing other relevant information. The report should also include information on and justification for any changes vis-à-vis the previously submitted Annual Implementation Plan(s), such as delays, uses of the flexibility for reallocation of funds during implementation of a tranche, as provided for in paragraph 7 of this Agreement, or other changes. The narrative report will cover all relevant years specified in sub-paragraph 5(a) of the Agreement and can in addition also include information on activities in the current year;
- (b) A verification report of the HPMP results and the consumption of the Substances mentioned in Appendix 1-A, as per sub-paragraph 5(b) of the Agreement. If not decided otherwise by the Executive Committee, such a verification has to be provided together with each tranche request and will have to provide verification of the consumption for all relevant years as specified in sub-paragraph 5(a) of the Agreement for which a verification report has not yet been acknowledged by the Committee;
- (c) A written description of the activities to be undertaken until and including the year of the planned submission of the next tranche request, highlighting the interdependence of the activities, and taking into account experiences made and progress achieved in the implementation of earlier tranches; the data in the plan will be provided by calendar year. The description should also include a reference to the overall plan and progress achieved, as well as any possible changes to the overall plan that are foreseen. The description should cover the years specified in sub-paragraph 5(d) of the Agreement. The description should also specify and explain in detail such changes to the overall plan. This description of future activities can be submitted as a part of the same document as the narrative report under sub-paragraph (b) above;
- (d) A set of quantitative information for all annual implementation reports and annual implementation plans, submitted through an online database. This quantitative information, to be submitted by calendar year with each tranche request, will be amending the narratives and description for the report (see sub-paragraph 1(a) above) and the plan (see sub-paragraph 1(c) above), the annual implementation plan and any changes to the overall plan, and will cover the same time periods and activities; and
- (e) An Executive Summary of about five paragraphs, summarizing the information of the above sub-paragraphs 1(a) to 1(d).

APPENDIX 5-A: MONITORING INSTITUTIONS AND ROLES

1. All of the monitoring activities will be co-ordinated and managed by the National Ozone Unit (NOU) and the two implementing agencies through the project funding, which is included within this HPMP.
2. The Lead IA will have a particularly prominent role in the monitoring arrangements because of its mandate to monitor ODS imports, whose records will be used as a cross-checking reference in all the monitoring programmes for the different projects within the HPMP. The Lead IA, along with the Cooperating IA will also undertake the challenging task of monitoring illegal ODS imports and exports and advise the appropriate national agencies through the National Ozone Office.
3. In order to ensure that all activities are taking place as planned in the HPMP and to ensure close collaboration between the Lead and the Cooperating IAs, a project implementation and monitoring component is included in the project. This will cover the implementation activities, the day-to-day follow-up, and the selected consultants will advise the NOU, the Lead and the Cooperating IAs if necessary corrective measures are required.
4. The goal of the component is to monitor effectiveness of implementation of the HPMP, including reductions of HCFC consumption levels, and to measure the impact of the project activities on the overall phase out strategy and programme. The Government of Bahrain in consultation with the Lead and the Cooperating IAs will select and contract an independent local organization/firm to undertake this task and report annually on the outcomes and deliverables of the HPMP.
5. The NOU will be responsible for providing the selected organization with all relevant information in possession, full information on NOU activities and partners, and the necessary support/documentation to ensure its access to relevant official institutions and other organizations; and providing the reasonable support in independent data collection.
6. The selected organization will be responsible for:
 - (a) Developing and presenting to the Lead IA, the Cooperating IA and the NOU the approach to independent monitoring of the terminal phase-out management plan implementation;
 - (b) Undertaking independent monitoring of all the activities implemented in the HPMP;
 - (c) Presenting reports on HPMP implementation status and HCFC consumption in the country on half-yearly basis;
 - (d) Preparing periodic (annual) assessment of the consumption of ODS and evaluating the impact of the projects being undertaken; and
 - (e) Taking into consideration comments and recommendations of the Lead IA, the Cooperating IA and the NOU on activities and react accordingly.

APPENDIX 6-A: ROLE OF THE LEAD IMPLEMENTING AGENCY

1. The Lead IA will be responsible for a range of activities, including at least the following:
 - (a) Ensuring performance and financial verification in accordance with this Agreement and with its specific internal procedures and requirements as set out in the Country's HPMP;

- (b) Assisting the Country in preparation of the Implementation Plans and subsequent reports as per Appendix 4-A;
- (c) Providing independent verification to the Executive Committee that the Targets have been met and associated annual activities have been completed as indicated in the Implementation Plan consistent with Appendix 4-A;
- (d) Ensuring that the experiences and progress is reflected in updates of the overall plan and in future annual implementation plans consistent with sub-paragraphs 1(c) and 1(d) of Appendix 4-A;
- (e) Fulfilling the reporting requirements for the annual implementation reports, annual implementation plans and the overall plan as specified in Appendix 4-A for submission to the Executive Committee. The reporting requirements include the reporting about activities undertaken by the Cooperating IA;
- (f) Ensuring that appropriate independent technical experts carry out the technical reviews;
- (g) Carrying out required supervision missions;
- (h) Ensuring the presence of an operating mechanism to allow effective, transparent implementation of the Implementation Plan and accurate data reporting;
- (i) Co-ordinating the activities of the Cooperating IA, and ensuring appropriate sequence of activities;
- (j) In case of reductions in funding for failure to comply in accordance with paragraph 11 of the Agreement, to determine, in consultation with the Country and the Cooperating IA, the allocation of the reductions to the different budget items and to the funding of each implementing or bilateral agency involved;
- (k) Ensuring that disbursements made to the Country are based on the use of the indicators; and
- (l) Providing assistance with policy, management and technical support when required.

2. After consultation with the Country and taking into account any views expressed, the Lead IA will select and mandate an independent entity to carry out the verification of the HPMP results and the consumption of the Substances mentioned in Appendix 1-A, as per sub-paragraph 5(b) of the Agreement and sub-paragraph 1(b) of Appendix 4-A.

APPENDIX 6-B: ROLE OF THE COOPERATING IMPLEMENTING AGENCY

1. The Cooperating IA will be responsible for a range of activities. These activities are specified in the overall plan, including at least the following:

- (a) Providing assistance for policy development when required;
- (b) Assisting the Country in the implementation and assessment of the activities funded by the Cooperating IA, and refer to the Lead IA to ensure a co-ordinated sequence in the activities; and

- (c) Providing reports to the Lead IA on these activities, for inclusion in the consolidated reports as per Appendix 4-A.

APPENDIX 7-A: REDUCTIONS IN FUNDING FOR FAILURE TO COMPLY

1. In accordance with paragraph 11 of the Agreement, the amount of funding provided may be reduced by US \$214 per ODP kg of consumption beyond the level defined in row 1.2 of Appendix 2-A for each year in which the target specified in row 1.2 of Appendix 2-A has not been met.

Annex VI

UPDATED AGREEMENT BETWEEN THE GOVERNMENT OF ARGENTINA AND THE EXECUTIVE COMMITTEE OF THE MULTILATERAL FUND FOR THE REDUCTION IN CONSUMPTION OF HYDROCHLOROFLUOROCARBONS IN ACCORDANCE WITH STAGE II OF THE HCFC PHASE-OUT MANAGEMENT PLAN

Purpose

1. This Agreement represents the understanding of the Government of Argentina (the “Country”) and the Executive Committee with respect to the reduction of controlled use of the ozone-depleting substances (ODS) set out in Appendix 1-A (“The Substances”) to a sustained level of 200.35 ODP tonnes by 1 January 2022 in compliance with Montreal Protocol schedule.
2. The Country agrees to meet the annual consumption limits of the Substances as set out in row 1.2 of Appendix 2-A (“The Targets, and Funding”) in this Agreement as well as in the Montreal Protocol reduction schedule for all Substances mentioned in Appendix 1-A. The Country accepts that, by its acceptance of this Agreement and performance by the Executive Committee of its funding obligations described in paragraph 3, it is precluded from applying for or receiving further funding from the Multilateral Fund in respect to any consumption of the Substances that exceeds the level defined in row 1.2 of Appendix 2-A as the final reduction step under this Agreement for all of the Substances specified in Appendix 1-A, and in respect to any consumption of each of the Substances that exceeds the level defined in rows 4.1.3, 4.2.3, 4.3.3, 4.4.3 and 4.5.3 (remaining consumption eligible for funding).
3. Subject to compliance by the Country with its obligations set out in this Agreement, the Executive Committee agrees, in principle, to provide the funding set out in row 3.1 of Appendix 2-A to the Country. The Executive Committee will, in principle, provide this funding at the Executive Committee meetings specified in Appendix 3-A (“Funding Approval Schedule”).
4. The Country agrees to implement this Agreement in accordance with the stage II of the HCFC phase-out management plan (HPMP) approved (“the Plan”). In accordance with sub-paragraph 5(b) of this Agreement, the Country will accept independent verification of the achievement of the annual consumption limits of the Substances as set out in row 1.2 of Appendix 2-A of this Agreement. The aforementioned verification will be commissioned by the relevant bilateral or implementing agency.

Conditions for funding release

5. The Executive Committee will only provide the Funding in accordance with the Funding Approval Schedule when the Country satisfies the following conditions at least eight weeks in advance of the applicable Executive Committee meeting set out in the Funding Approval Schedule:
 - (a) That the Country has met the Targets set out in row 1.2 of Appendix 2-A for all relevant years. Relevant years are all years since the year in which this Agreement was approved. Years for which there are no due country programme implementation reports at the date of the Executive Committee meeting at which the funding request is being presented are exempted;
 - (b) That the meeting of these Targets has been independently verified for all relevant years, unless the Executive Committee decided that such verification would not be required;
 - (c) That the Country had submitted a Tranche Implementation Report in the form of Appendix 4-A (“Format of Tranche Implementation Reports and Plans”) covering each

previous calendar year; that it had achieved a significant level of implementation of activities initiated with previously approved tranches; and that the rate of disbursement of funding available from the previously approved tranche was more than 20 per cent; and

- (d) That the Country has submitted a Tranche Implementation Plan in the form of Appendix 4-A covering each calendar year until and including the year for which the funding schedule foresees the submission of the next tranche or, in case of the final tranche, until completion of all activities foreseen.

Monitoring

6. The Country will ensure that it conducts accurate monitoring of its activities under this Agreement. The institutions set out in Appendix 5-A (“Monitoring Institutions and Roles”) will monitor and report on implementation of the activities in the previous Tranche Implementation Plans in accordance with their roles and responsibilities set out in the same appendix.

Flexibility in the reallocation of funds

7. The Executive Committee agrees that the Country may have the flexibility to reallocate part or all of the approved funds, according to the evolving circumstances to achieve the smoothest reduction of consumption and phase-out of the Substances specified in Appendix 1-A:

- (a) Reallocations categorized as major changes must be documented in advance either in a Tranche Implementation Plan as foreseen in sub-paragraph 5(d) above, or as a revision to an existing Tranche Implementation Plan to be submitted eight weeks prior to any meeting of the Executive Committee, for its approval. Major changes would relate to:
 - (i) Issues potentially concerning the rules and policies of the Multilateral Fund;
 - (ii) Changes which would modify any clause of this Agreement;
 - (iii) Changes in the annual levels of funding allocated to individual bilateral or implementing agencies for the different tranches;
 - (iv) Provision of funding for activities not included in the current endorsed Tranche Implementation Plan, or removal of an activity in the Tranche Implementation Plan, with a cost greater than 30 per cent of the total cost of the last approved tranche; and
 - (v) Changes in alternative technologies, on the understanding that any submission for such a request would identify the associated incremental costs, the potential impact to the climate, and any differences in ODP tonnes to be phased out if applicable, as well as confirm that the Country agrees that potential savings related to the change of technology would decrease the overall funding level under this Agreement accordingly;
- (b) Reallocations not categorized as major changes may be incorporated in the approved Tranche Implementation Plan, under implementation at the time, and reported to the Executive Committee in the subsequent Tranche Implementation Report;

- (c) Any enterprise to be converted to non-HCFC technology included in the Plan and that would be found to be ineligible under the policies of the Multilateral Fund (i.e., due to foreign ownership or establishment post the 21 September 2007 cut-off date), would not receive financial assistance. This information would be reported as part of the Tranche Implementation Plan; and
- (d) Any remaining funds held by the bilateral or implementing agencies or the Country under the Plan will be returned to the Multilateral Fund upon completion of the last tranche foreseen under this Agreement.

Considerations for the refrigeration servicing sector

8. Specific attention will be paid to the execution of the activities in the refrigeration servicing sector included in the Plan, in particular:

- (a) The Country would use the flexibility available under this Agreement to address specific needs that might arise during project implementation; and
- (b) The Country and relevant bilateral and/or implementing agencies would take into consideration relevant decisions on the refrigeration servicing sector during the implementation of the Plan.

Bilateral and implementing agencies

9. The Country agrees to assume overall responsibility for the management and implementation of this Agreement and of all activities undertaken by it or on its behalf to fulfil the obligations under this Agreement. UNIDO has agreed to be the lead implementing agency (the “Lead IA”) and the World Bank and the Government of Italy have agreed to be the cooperating implementing agencies (the “Cooperating IAs”) under the lead of the Lead IA in respect of the Country’s activities under this Agreement. The Country agrees to evaluations, which might be carried out under the monitoring and evaluation work programmes of the Multilateral Fund or under the evaluation programme of the Lead IA and/or Cooperating IAs taking part in this Agreement.

10. The Lead IA will be responsible for ensuring co-ordinated planning, implementation and reporting of all activities under this Agreement, including but not limited to independent verification as per subparagraph 5(b). The Cooperating IAs will support the Lead IA by implementing the Plan under the overall co-ordination of the Lead IA. The roles of the Lead IA and Cooperating IAs are contained in Appendix 6-A and Appendix 6-B, respectively. The Executive Committee agrees, in principle, to provide the Lead IA and the Cooperating IAs with the fees set out in rows 2.2, 2.4 and 2.6 of Appendix 2-A.

Non-compliance with the Agreement

11. Should the Country, for any reason, not meet the Targets for the elimination of the Substances set out in row 1.2 of Appendix 2-A or otherwise does not comply with this Agreement, then the Country agrees that it will not be entitled to the Funding in accordance with the Funding Approval Schedule. At the discretion of the Executive Committee, funding will be reinstated according to a revised Funding Approval Schedule determined by the Executive Committee after the Country has demonstrated that it has satisfied all of its obligations that were due to be met prior to receipt of the next tranche of funding under the Funding Approval Schedule. The Country acknowledges that the Executive Committee may reduce the amount of the Funding by the amount set out in Appendix 7-A (“Reductions in Funding for Failure to Comply”) in respect of each ODP kg of reductions in consumption not achieved in any one year. The Executive Committee will discuss each specific case in which the Country did not comply with this

Agreement, and take related decisions. Once decisions are taken, the specific case of non-compliance with this Agreement will not be an impediment for the provision of funding for future tranches as per paragraph 5 above.

12. The Funding of this Agreement will not be modified on the basis of any future Executive Committee decisions that may affect the funding of any other consumption sector projects or any other related activities in the Country.

13. The Country will comply with any reasonable request of the Executive Committee, and the Lead IA and the Cooperating IAs to facilitate implementation of this Agreement. In particular, it will provide the Lead IA and the Cooperating IAs with access to the information necessary to verify compliance with this Agreement.

Date of completion

14. The completion of the Plan and the associated Agreement will take place at the end of the year following the last year for which a maximum allowable total consumption level has been specified in Appendix 2-A. Should at that time there still be activities that are outstanding, and which were foreseen in the last Tranche Implementation Plan and its subsequent revisions as per sub-paragraph 5(d) and paragraph 7, the completion of the Plan will be delayed until the end of the year following the implementation of the remaining activities. The reporting requirements as per sub-paragraphs 1(a), 1(b), 1(d), and 1(e) of Appendix 4-A will continue until the time of the completion of the Plan unless otherwise specified by the Executive Committee.

Validity

15. All of the conditions set out in this Agreement are undertaken solely within the context of the Montreal Protocol and as specified in this Agreement. All terms used in this Agreement have the meaning ascribed to them in the Montreal Protocol unless otherwise defined herein.

16. This Agreement may be modified or terminated only by mutual written agreement of the Country and the Executive Committee of the Multilateral Fund.

17. At the 80th meeting the World Bank stopped being the Cooperating Agency in respect of the Country's activities under this Agreement. Therefore, the responsibilities of the World Bank under this Agreement only extend up to the 80th meeting. This updated Agreement supersedes the Agreement reached between the Government of Argentina and the Executive Committee at the 79th meeting of the Executive Committee.

APPENDICES

APPENDIX 1-A: THE SUBSTANCES

Substance	Annex	Group	Starting point for aggregate reductions in consumption (ODP tonnes)
HCFC-22	C	I	266.20
HCFC-123	C	I	1.57
HCFC-124	C	I	0.83
HCFC-141b	C	I	94.57
HCFC-142b	C	I	14.34
Total	C	I	377.51

APPENDIX 2-A: THE TARGETS, AND FUNDING

Row	Particulars	2017	2018	2019	2020	2021	2022	Total	
1.1	Montreal Protocol reduction schedule of Annex C, Group I substances (ODP tonnes)	360.63	360.63	360.63	260.45	260.45	260.45	n/a	
1.2	Maximum allowable total consumption of Annex C, Group I substances (ODP tonnes)	330.58	330.58	330.58	260.45	260.45	200.35	n/a	
2.1	Lead IA (UNIDO) agreed funding (US \$)	1,553,271	0	3,280,793	0	3,888,050	969,124	9,691,238	
2.2	Support costs for Lead IA (US \$)	108,729	0	229,656	0	272,164	67,839	678,387	
2.3	Cooperating IA (World Bank) agreed funding (US \$)	0	0	0	0	0	0	0	
2.4	Support costs for Cooperating IA (US \$)	0	0	0	0	0	0	0	
2.5	Cooperating IA (Italy) agreed funding (US \$)	250,000	0	0	0	0	0	250,000	
2.6	Support costs for Cooperating IA (US \$)	32,500	0	0	0	0	0	32,500	
3.1	Total agreed funding (US \$)	1,803,271	0	3,280,793	0	3,888,050	969,124	9,941,238	
3.2	Total support costs (US \$)	141,229	0	229,656	0	272,164	67,839	710,887	
3.3	Total agreed costs (US \$)	1,944,500	0	3,510,449	0	4,160,214	1,036,963	10,652,125	
4.1.1	Total phase-out of HCFC-22 agreed to be achieved under this Agreement (ODP tonnes)								42.84
4.1.2	Phase-out of HCFC-22 to be achieved in the previous stage (ODP tonnes)								59.57
4.1.3	Remaining eligible consumption for HCFC-22 (ODP tonnes)								163.79
4.2.1	Total phase-out of HCFC-141b agreed to be achieved under this Agreement (ODP tonnes)								70.61
4.2.2	Phase-out of HCFC-141b to be achieved in the previous stage (ODP tonnes)								23.96
4.2.3	Remaining eligible consumption for HCFC-141b (ODP tonnes)								0
4.3.1	Total phase-out of HCFC-142b agreed to be achieved under this Agreement (ODP tonnes)								1.74
4.3.2	Phase-out of HCFC-142b to be achieved in the previous stage (ODP tonnes)								0
4.3.3	Remaining eligible consumption for HCFC-142b (ODP tonnes)								12.6
4.4.1	Total phase-out of HCFC-123 agreed to be achieved under this Agreement (ODP tonnes)								0
4.4.2	Phase-out of HCFC-123 to be achieved in the previous stage (ODP tonnes)								0
4.4.3	Remaining eligible consumption for HCFC-123 (ODP tonnes)								1.57
4.5.1	Total phase-out of HCFC-124 agreed to be achieved under this Agreement (ODP tonnes)								0
4.5.2	Phase-out of HCFC-124 to be achieved in the previous stage (ODP tonnes)								0
4.5.3	Remaining eligible consumption for HCFC-124 (ODP tonnes)								0.83

*Date of completion of stage I as per stage I Agreement: 31 December 2018.

APPENDIX 3-A: FUNDING APPROVAL SCHEDULE

1. Funding for the future tranches will be considered for approval at the second meeting of the year specified in Appendix 2-A.

APPENDIX 4-A: FORMAT OF TRANCHE IMPLEMENTATION REPORTS AND PLANS

1. The submission of the Tranche Implementation Report and Plans for each tranche request will consist of five parts:

- (a) A narrative report, with data provided by tranche, describing the progress achieved since the previous report, reflecting the situation of the Country in regard to phase out of the Substances, how the different activities contribute to it, and how they relate to each other. The report should include the amount of ODS phased out as a direct result from the implementation of activities, by substance, and the alternative technology used and the related phase-in of alternatives, to allow the Secretariat to provide to the Executive Committee information about the resulting change in climate relevant emissions. The report should further highlight successes, experiences, and challenges related to the different activities included in the Plan, reflecting any changes in the circumstances in the Country, and providing other relevant information. The report should also include information on and justification for any changes vis-à-vis the previously submitted Tranche Implementation Plan(s), such as delays, uses of the flexibility for reallocation of funds during implementation of a tranche, as provided for in paragraph 7 of this Agreement, or other changes;
- (b) An independent verification report of the Plan results and the consumption of the Substances, as per sub-paragraph 5(b) of the Agreement. If not decided otherwise by the Executive Committee, such a verification has to be provided together with each tranche request and will have to provide verification of the consumption for all relevant years as specified in sub-paragraph 5(a) of the Agreement for which a verification report has not yet been acknowledged by the Committee;
- (c) A written description of the activities to be undertaken during the period covered by the requested tranche, highlighting implementation milestones, the time of completion and the interdependence of the activities, and taking into account experiences made and progress achieved in the implementation of earlier tranches; the data in the plan will be provided by calendar year. The description should also include a reference to the overall Plan and progress achieved, as well as any possible changes to the overall Plan that are foreseen. The description should also specify and explain in detail such changes to the overall plan. This description of future activities can be submitted as a part of the same document as the narrative report under sub-paragraph (b) above;
- (d) A set of quantitative information for all Tranche Implementation Reports and Plans, submitted through an online database; and
- (e) An Executive Summary of about five paragraphs, summarizing the information of the above sub-paragraphs 1(a) to 1(d).

2. In the event that in a particular year two stages of the HPMP are being implemented in parallel, the following considerations should be taken in preparing the Tranche Implementation Reports and Plans:

- (a) The Tranche Implementation Reports and Plans referred to as part of this Agreement, will exclusively refer to activities and funds covered by this Agreement; and
- (b) If the stages under implementation have different HCFC consumption targets under Appendix 2-A of each Agreement in a particular year, the lower HCFC consumption

target will be used as reference for compliance with these Agreements and will be the basis for the independent verification.

APPENDIX 5-A: MONITORING INSTITUTIONS AND ROLES

1. In Argentina, the National Ozone Unit (OPROZ) is a tripartite coordination office for the Country Programme for the Implementation of the Montreal Protocol (CP). It is composed of a representative of the Ministry of Environment and Sustainable Development (MAyDS), Ministry of Production (MoP), and Ministry of Foreign Affairs and Worship.
2. OPROZ is coordinated by MAyDS that serves as the Montreal Protocol national focal point. MAyDS is responsible for the tasks related to the implementation of the CP, the control of the import licensing system and the evaluation of consumption data, issuing of reports on a quarterly basis on compliance with the CP, and the reduction of ODS consumption.
3. UNIDO is appointed as the Lead IA of stage II of the HPMP for Argentina. The World Bank and the Government of Italy are the Cooperating IAs.
4. UNIDO will be responsible for the overall management, monitoring of progress, performance verification and reporting to the Fund Secretariat and the Executive Committee. The subprojects of stage II will be implemented by UNIDO, the World Bank and the Government of Italy. The IAs will implement their subprojects according to the respective rules and procedures of UNIDO, the World Bank and the Government of Italy.
5. The World Bank will report to UNIDO on the progress of all the activities under its implementation, which will be incorporated into UNIDO's periodical progress reports. The World Bank will coordinate its activities through the Ministry of Production.
6. UNIDO will work in close cooperation with OPROZ and with the beneficiaries. The work will be carried out under the supervision and guidance of the Project Manager of UNIDO. Necessary local coordination and control will be done by OPROZ.

APPENDIX 6-A: ROLE OF THE LEAD IMPLEMENTING AGENCY

1. The Lead IA will be responsible for a range of activities, including at least the following:
 - (a) Ensuring performance and financial verification in accordance with this Agreement and with its specific internal procedures and requirements as set out in the Country's HPMP;
 - (b) Assisting the Country in preparation of the Tranche Implementation Reports and Plans as per Appendix 4-A;
 - (c) Providing independent verification to the Executive Committee that the Targets have been met and associated tranche activities have been completed as indicated in the Tranche Implementation Plan consistent with Appendix 4-A;

- (d) Ensuring that the experiences and progress is reflected in updates of the overall plan and in future Tranche Implementation Plans consistent with sub-paragraphs 1(c) and 1(d) of Appendix 4-A;
- (e) Fulfilling the reporting requirements for the Tranche Implementation Reports and Plans and the overall plan as specified in Appendix 4-A for submission to the Executive Committee, and should include the activities implemented by the Cooperating IAs;
- (f) In the event that the last funding tranche is requested one or more years prior to the last year for which a consumption target had been established, annual tranche implementation reports and, where applicable, verification reports on the current stage of the Plan should be submitted until all activities foreseen had been completed and HCFC consumption targets had been met;
- (g) Ensuring that appropriate independent technical experts carry out the technical reviews;
- (h) Carrying out required supervision missions;
- (i) Ensuring the presence of an operating mechanism to allow effective, transparent implementation of the Tranche Implementation Plan and accurate data reporting;
- (j) Co-ordinating the activities of the Cooperating IAs, and ensuring appropriate sequence of activities;
- (k) In case of reductions in funding for failure to comply in accordance with paragraph 11 of the Agreement, to determine, in consultation with the Country and the Cooperating IAs, the allocation of the reductions to the different budget items and to the funding of the Lead IA and each Cooperating IA;
- (l) Ensuring that disbursements made to the Country are based on the use of the indicators;
- (m) Providing assistance with policy, management and technical support when required;
- (n) Reaching consensus with the Cooperating IAs on any planning, co-ordination and reporting arrangements required to facilitate the implementation of the Plan; and
- (o) Timely releasing funds to the Country/participating enterprises for completing the activities related to the project.

2. After consultation with the Country and taking into account any views expressed, the Lead IA will select and mandate an independent entity to carry out the verification of the HPMP results and the consumption of the Substances mentioned in Appendix 1-A, as per sub-paragraph 5(b) of the Agreement and sub-paragraph 1(b) of Appendix 4-A.

APPENDIX 6-B: ROLE OF THE COOPERATING IMPLEMENTING AGENCIES

1. The Cooperating IAs will be responsible for a range of activities. These activities are specified in the Plan, including at least the following:

- (a) Providing assistance for policy development when required;
- (b) Assisting the Country in the implementation and assessment of the activities funded by the Cooperating IAs, and refer to the Lead IA to ensure a co-ordinated sequence in the activities;
- (c) Providing reports to the Lead IA on these activities, for inclusion in the consolidated reports as per Appendix 4-A; and
- (d) Reaching consensus with the Lead IA on any planning, co-ordination and reporting arrangements required to facilitate the implementation of the Plan.

APPENDIX 7-A: REDUCTIONS IN FUNDING FOR FAILURE TO COMPLY

1. In accordance with paragraph 11 of the Agreement, the amount of funding provided may be reduced by US \$172.61 per ODP kg of consumption beyond the level defined in row 1.2 of Appendix 2-A for each year in which the target specified in row 1.2 of Appendix 2-A has not been met, on the understanding that the maximum funding reduction would not exceed the funding level of the tranche being requested. Additional measures might be considered in cases where non-compliance extends for two consecutive years.

2. In the event that the penalty needs to be applied for a year in which there are two Agreements in force (two stages of the HPMP being implemented in parallel) with different penalty levels, the application of the penalty will be determined on a case-by-case basis taking into consideration the specific sectors that lead to the non-compliance. If it is not possible to determine a sector, or both stages are addressing the same sector, the penalty level to be applied would be the largest.

Annex VII

**LETTERS TO BE SENT TO THE RELEVANT GOVERNMENTS
ON TRANCHE SUBMISSION DELAYS**

Country	Views expressed by the Executive Committee
Algeria (Stage I)	Noting that the third (2014) tranche of stage I of the HCFC phase-out management plan (HPMP) for Algeria had not been submitted due to the delays in a number of project components including verification, customs training, flushing, and urging the Government of Algeria to work with UNIDO so that the third (2014) tranche of stage I of the HPMP could be submitted to the 81 st meeting, with a revised plan of action to take into account the reallocation of the third (2014) and subsequent tranches, on the understanding that the 20 per cent disbursement threshold for funding of the previous tranche had been achieved.
Antigua and Barbuda (Stage I)	Noting that the second (2015) tranche of stage I of the HPMP for Antigua and Barbuda had not been submitted due to hurricanes that heavily impact the country in 2017 and urging the Government of Antigua and Barbuda to submit the required progress and financial reports and to work with UNEP so that the second (2015) tranche of stage I of the HPMP could be submitted to the 81 st meeting.
Brunei Darussalam (Stage I)	Noting that the verification of HCFC consumption targets has not been completed and the delay due to slow process of setting up and signing the contract for the reclamation centre, and urging the Government of Brunei Darussalam to work with UNEP to complete the mandatory verification report on HCFC consumption targets, and with UNEP and UNDP to submit the third (2017) tranche of stage I of the HPMP to the 81 st meeting with a revised plan of action to take into account the reallocation of the 2017 tranche.
Burundi (Stage I)	Noting that the verification of HCFC consumption targets has not been completed and urging the Government of Burundi to work with UNEP to complete the mandatory verification report on HCFC consumption targets, and with UNEP and UNIDO so that the third (2016) tranche of stage I of the HPMP could be submitted to the 81 st meeting with a revised plan of action to take into account the reallocation of the third (2016) and subsequent tranches.
China (Stage II – PU rigid foam sector)	Noting that the agreement had not been signed and the overall disbursement rate of the first tranche of stage II of the HPMP for the polyurethane (PU) rigid foam sector was below the 20 per cent disbursement threshold, and urging the Government of China to work with the World Bank to expedite the signing of the agreement so that the second (2017) tranche of stage II of the HPMP for the PU rigid foam sector can be submitted to the 81 st meeting with a revised plan of action to take into account the reallocation of the 2017 and subsequent tranches, on the understanding that the 20 per cent disbursement threshold for funding of the previous tranche had been achieved.
China (Stage II - refrigeration and air-conditioning servicing sector, including enabling)	Noting the delays in signing the agreements and/or project documents and the overall disbursement rate of the first tranche of stage II of the HPMP for the refrigeration and air-conditioning (RAC) servicing sector and enabling programme was below the 20 per cent disbursement threshold and urging the Government of China to work with the Government of Japan and UNEP so that the second (2017) tranche of stage II of the HPMP for the RAC servicing sector and enabling programme can be submitted to the 81 st meeting with a revised plan of action to take into account the reallocation of the 2017 and subsequent tranches, on the understanding that the 20 per cent disbursement threshold for funding of the previous tranche had been achieved.
Cote d'Ivoire (Stage I)	Noting that the delays from the second tranche had been resolved and urging the Government of Cote d'Ivoire to work with UNEP and UNIDO so that the third (2016) tranche of stage I of the HPMP could be submitted to the 81 st meeting with a revised plan of action to take into account the reallocation of the 2016 and subsequent tranches.
Dominica (Stage I)	Noting the delays in signing the agreements or project documents and that the verification on HCFC consumption targets has not been completed, and urging the Government of Dominica to work with UNEP to complete the mandatory verification report so that the second (2016) tranche of stage I of the HPMP could be submitted to the 81 st meeting with a revised plan of action to take into account the reallocation of the 2016 tranche.

Country	Views expressed by the Executive Committee
Equatorial Guinea (Stage I)	Noting that the verification of HCFC consumption targets has not been completed and urging the Government of Equatorial Guinea to work with UNEP to complete the mandatory verification report on HCFC consumption targets and to work with UNEP and UNIDO to submit the third (2016) tranche of stage I of the HPMP to the 81 st meeting with a revised plan of action to take into account the reallocation of the 2016 and subsequent tranches.
Georgia (Stage I)	Noting the delays due to changes in the project management team and urging the Government of Georgia to work with UNDP so that the third (2017) tranche of stage I of the HPMP could be submitted to the 81 st meeting with a revised plan of action to take into account the reallocation of the third (2017) tranche.
Guinea (Stage I)	Noting that the verification of HCFC consumption targets has not been completed and urging the Government of Guinea to work with UNEP to complete the mandatory verification report on HCFC consumption targets, and with UNEP and UNIDO so that the third (2016) tranche of stage I of the HPMP could be submitted to the 81 st meeting with a revised plan of action to take into account the reallocation of the third (2016) and subsequent tranches.
Iraq (Stage I)	Noting the delays in signing the agreement or project document and customs procedure, and urging the Government of Iraq to work with UNEP and UNIDO so that the third (2017) tranche of stage I of the HPMP could be submitted to the 81 st or 82 nd meeting.
Kuwait (Stage I)	Noting the delays in signing the agreement or project document and that the overall disbursement rate of the second tranche of the HPMP was below the 20 per cent disbursement threshold and urging the Government of Kuwait to work with UNEP and UNIDO so that the third (2016) tranche of stage I of the HPMP can be submitted to the 81 st or 82 nd meeting with a revised plan of action to take into account the reallocation of the third (2016) and subsequent tranches, on the understanding that the 20 per cent disbursement threshold for funding of the previous tranche had been achieved.
Morocco (Stage I)	Noting that the overall disbursement rate of the third tranche of the HPMP was below the 20 per cent disbursement threshold and urging the Government of Morocco to work with UNIDO so that the fourth (2017) tranche of stage I of the HPMP can be submitted to the 81 st or 82 nd meeting on the understanding that the 20 per cent disbursement threshold for funding of the previous tranche had been achieved.
Mozambique (Stage I)	Noting the delays in signing the agreement or project document, customs procedure and that the verification report on HCFC consumption targets has not been completed, and urging the Government of Mozambique to work with UNEP to complete the activities and the mandatory verification report, and with UNEP and UNIDO so that the third (2016) tranche of stage I of the HPMP could be submitted to the 81 st meeting with a revised plan of action to take into account the reallocation of the third (2016) and subsequent tranches.
Niger (the) (Stage I)	Noting that the verification report on HCFC consumption targets had not been completed, and urging the Government of the Niger to work with UNIDO to submit the mandatory verification report, and with UNEP and UNIDO to submit the second (2016) tranche of stage I of the HPMP to the 81 st meeting, with a revised plan of action to take into account the reallocation of the second (2016) tranche.
Qatar (Stage I)	Noting the delays in signing the agreement or project document and urging the Government of Qatar to work with UNEP and UNIDO to address all the relevant issues that are related to the signing of the agreement so that the second (2013) tranche of stage I of the HPMP could be submitted to the 81 st meeting with a revised plan of action to take into account the reallocation of the 2013 and subsequent tranches.
Saudi Arabia (Stage I)	Noting that the conditions in the Agreement with the Executive Committee updated at the 72 nd meeting for the refrigeration servicing sub-sector have not been met and the overall disbursement rate of the fourth (2015) tranche of stage I of the HPMP was below the 20 per cent disbursement threshold and urging the Government of Saudi Arabia to work with UNIDO so that the fifth (2016) tranche of stage I of the HPMP can be submitted to the 81 st meeting with a revised plan of action to take into account the reallocation of the 2016 and subsequent tranches, on the understanding that the 20 per cent disbursement threshold for funding of the previous tranche had been achieved.
South Africa (Stage I)	Noting that the overall disbursement rate of the third (2015) tranche of the HPMP was below the 20 per cent disbursement threshold and urging the Government of South Africa to work with UNIDO so that the fourth (2016) tranche of stage I of the HPMP can be submitted to the 81 st or 82 nd meeting with a revised plan of action to take into account the reallocation of the 2016 and subsequent tranches, on the understanding that the 20 per cent disbursement threshold for funding of the previous tranche had been achieved.

Country	Views expressed by the Executive Committee
Suriname (Stage I)	Noting that there were some staffing issues in the national ozone unit and that the verification report on HCFC consumption targets has not been completed, and urging the Government of Suriname to work with UNEP to submit the mandatory verification report on HCFC consumption targets, and with UNEP and UNIDO to submit the third (2016) tranche of stage I of the HPMP to the 81 st meeting with a revised plan of action to take into account the reallocation of the 2016 tranche.
Trinidad and Tobago (Stage I)	Noting the delays due to the request from the NOU to submit the tranche to the 81 st meeting and urging the Government of Trinidad and Tobago to work with UNDP so that the fourth (2017) tranche of stage I of the HPMP could be submitted to the 81 st meeting with a revised plan of action to take into account the reallocation of the 2017 tranche.
Tunisia (Stage I)	Noting that there had been delays in the implementation of the RAC sector and the overall disbursement rate of the second (2015) tranche of stage I of the HPMP was below the 20 per cent disbursement threshold and urging the Government of Tunisia to work with the Government of France, UNEP and UNIDO so that the third (2017) tranche of stage I of the HPMP can be submitted to the 81 st meeting, on the understanding that the 20 per cent disbursement threshold for funding of the previous tranche had been achieved.
Turkey (Stage I)	Noting that the overall disbursement rate of the second (2015) tranche of the HPMP was below the 20 per cent disbursement threshold and urging the Government of Turkey to work with UNIDO to expedite implementation so that the third (2016) tranche of stage I of the HPMP can be submitted to the 81 st meeting with a revised plan of action to take into account the reallocation of the 2016 and subsequent tranches, on the understanding that the 20 per cent disbursement threshold for funding of the previous tranche had been achieved.
Venezuela (Bolivarian Republic of) (Stage II)	Noting that there are ongoing security issues and urging the Government of Venezuela (Bolivarian Republic of) to work with UNDP and UNIDO to expedite the implementation of the first (2016) tranche so that the second (2017) tranche of stage II of the HPMP can be submitted to the 81 st meeting with a revised plan of action to take into account the reallocation of the 2017 tranche and subsequent tranches.

Annex VIII

PERFORMANCE INDICATORS FOR UNDP

Type of indicator	Short title	Calculation	2018 target
Planning--Approval	Tranches approved	Number of tranches approved vs. those planned*	24
Planning--Approval	Projects/activities approved	Number of projects/activities approved vs. those planned (including project preparation activities)**	39
Implementation	Funds disbursed	Based on estimated disbursement in progress report	US \$31,295,677
Implementation	ODS phase-out	ODS phase-out for the tranche when the next tranche is approved vs. those planned per business plans	747.2 ODP tonnes
Implementation	Project completion for activities	Project completion vs. planned in progress reports for all activities (excluding project preparation)	4
Administrative	Speed of financial completion	The extent to which projects are financially completed 12 months after project completion	70% of those due
Administrative	Timely submission of project completion reports	Timely submission of project completion reports vs. those agreed	On time
Administrative	Timely submission of progress reports	Timely submission of progress reports and business plans and responses unless otherwise agreed	On time

* The target of an agency would be reduced if it could not submit a tranche owing to another cooperating or lead agency, if agreed by that agency.

** Project preparation should not be assessed if the Executive Committee has not taken a decision on its funding.

Annex IX

PERFORMANCE INDICATORS FOR UNEP

Type of indicator	Short title	Calculation	2018 target
Planning-- Approval	Tranches approved	Number of tranches approved vs. those planned*	65
Planning-- Approval	Projects/activities approved	Number of projects/activities approved vs. those planned (including project preparation activities)**	179
Implementation	Funds disbursed	Based on estimated disbursement in progress report	US \$14,909,366
Implementation	ODS phase-out	ODS phase-out for the tranche when the next tranche is approved vs. those planned per business plans	172.9 ODP tonnes
Implementation	Project completion for activities	Project completion vs. planned in progress reports for all activities (excluding project preparation)	130
Administrative	Speed of financial completion	The extent to which projects are financially completed 12 months after project completion	14
Administrative	Timely submission of project completion reports	Timely submission of project completion reports vs. those agreed	On time
Administrative	Timely submission of progress reports	Timely submission of progress reports and business plans and responses unless otherwise agreed	On time

* The target of an agency would be reduced if it could not submit a tranche owing to another cooperating or lead agency, if agreed by that agency.

** Project preparation should not be assessed if the Executive Committee has not taken a decision on its funding.

**PERFORMANCE INDICATORS FOR UNEP'S COMPLIANCE ASSISTANCE PROGRAMME
(CAP)**

Performance indicator	Data	Assessment	UNEP's target for 2018
Efficient follow-up to regional network/thematic meetings	List of recommendations emanating from 2014-2015 regional network/thematic meetings	Implementation rate of those meeting recommendations that are to be implemented in 2016	90 % implementation rate
Effective support to NOUs in their work, particularly guidance to new NOUs	List of innovative ways/means/products/services for supporting NOUs in their work, with specification of those destined for new NOUs	Number of innovative ways, means, products, services for supporting NOUs in their work, with specification of those destined for new NOUs	-7 such ways, means, products, services; -All new NOUs receive capacity building support.
Assistance to countries in actual or potential non-compliance (as per MOP decisions and/or as per reported Article 7 data and trend analysis)	List of countries in actual or potential non-compliance that received CAP assistance outside the network meetings	Number of countries in actual or potential non-compliance that received CAP assistance outside the network meetings	All such countries
Innovations in production and delivery of global and regional information products and services	List of global and regional information products and services destined for new target audiences or that reach existing target audiences in new ways	Number of global and regional information products and services destined for new target audiences or that reach existing target audiences in new ways	7 such products and services
Close cooperation between CAP regional teams and implementing and bilateral agencies working in the regions	List of joint missions/undertakings of CAP regional staff with implementing and bilateral agencies	Number of joint missions/undertakings	3 in each region

Annex X

PERFORMANCE INDICATORS FOR UNIDO

Type of indicator	Short title	Calculation	2018 target
Planning--Approval	Tranches approved	Number of tranches approved vs. those planned*	42
Planning--Approval	Projects/activities approved	Number of projects/activities approved vs. those planned (including project preparation activities)**	52
Implementation	Funds disbursed	Based on estimated disbursement in progress report	US \$25,351,715
Implementation	ODS phase-out	ODS phase-out for the tranche when the next tranche is approved vs. those planned per business plans	842.5 ODP tonnes
Implementation	Project completion for activities	Project completion vs. planned in progress reports for all activities (excluding project preparation)	57
Administrative	Speed of financial completion	The extent to which projects are financially completed 12 months after project completion	12 months after operational completion
Administrative	Timely submission of project completion reports	Timely submission of project completion reports vs. those agreed	On time
Administrative	Timely submission of progress reports	Timely submission of progress reports and business plans and responses unless otherwise agreed	On time

* The target of an agency would be reduced if it could not submit a tranche owing to another cooperating or lead agency, if agreed by that agency.

** Project preparation should not be assessed if the Executive Committee has not taken a decision on its funding.

Annex XI

PERFORMANCE INDICATORS FOR THE WORLD BANK

Type of indicator	Short title	Calculation	2018 target
Planning— Approval	Tranches approved	Number of tranches approved vs. those planned*	7
Planning— Approval	Projects/activities approved	Number of projects/activities approved vs. those planned (including project preparation activities)**	6
Implementation	Funds disbursed	Based on estimated disbursement in progress report	US \$30,966,115
Implementation	ODS phase-out	ODS phase-out for the tranche when the next tranche is approved vs. those planned per business plans	1,647.4 ODP tonnes
Implementation	Project completion for activities	Project completion vs. planned in progress reports for all activities (excluding project preparation)	17
Administrative	Speed of financial completion	The extent to which projects are financially completed 12 months after project completion	90%
Administrative	Timely submission of project completion reports	Timely submission of project completion reports vs. those agreed	On time
Administrative	Timely submission of progress reports	Timely submission of progress reports and business plans and responses unless otherwise agreed	On time

* The target of an agency would be reduced if it could not submit a tranche owing to another cooperating or lead agency, if agreed by that agency.

** Project preparation should not be assessed if the Executive Committee has not taken a decision on its funding.

List of projects and activities approved for funding

UNEP/OzL.Pro/ExCom/80/59
Annex XII

Project Title	Agency	ODP (tonnes)	Funds approved (US\$)			C.E. (US\$/kg)
			Project	Support	Total	
AFGHANISTAN						
SEVERAL						
Ozone unit support						
Extension of institutional strengthening project (phase VIII: 1/2018-12/2019)	UNEP		\$192,000	\$0	\$192,000	
Total for Afghanistan			\$192,000		\$192,000	
ALBANIA						
SEVERAL						
Ozone unit support						
Renewal of institutional strengthening project (phase VIII: 7/2018-6/2020)	UNEP		\$139,776	\$0	\$139,776	
Total for Albania			\$139,776		\$139,776	
ANGOLA						
SEVERAL						
Ozone unit support						
Extension of the institutional strengthening project (phase VI: 11/2017-10/2019)	UNEP		\$172,032	\$0	\$172,032	
Total for Angola			\$172,032		\$172,032	
BAHAMAS						
PHASE-OUT PLAN						
HCFC phase out plan						
HCFC phase-out management plan (stage I, third tranche)	UNIDO	0.6	\$35,828	\$3,224	\$39,052	
<i>Approved on the understanding that if the Bahamas were to decide to proceed with retrofits and associated servicing to flammable and toxic refrigerants in refrigeration and air-conditioning equipment originally designed for non flammable substances, it would do so assuming all associated responsibilities and risks and only in accordance with the relevant standards and protocols. UNEP was requested to provide an update at the 82nd meeting on the findings of the study to explore the best available options for the pilot project to assess, monitor, and retrofit two air-conditioning systems.</i>						
HCFC phase-out management plan (stage I, third tranche)	UNEP	0.7	\$58,175	\$7,563	\$65,738	
<i>Approved on the understanding that if the Bahamas were to decide to proceed with retrofits and associated servicing to flammable and toxic refrigerants in refrigeration and air-conditioning equipment originally designed for non flammable substances, it would do so assuming all associated responsibilities and risks and only in accordance with the relevant standards and protocols. UNEP was requested to provide an update at the 82nd meeting on the findings of the study to explore the best available options for the pilot project to assess, monitor, and retrofit two air-conditioning systems.</i>						
Total for Bahamas			1.3	\$94,003	\$10,787	\$104,790

List of projects and activities approved for funding

UNEP/OzL.Pro/ExCom/80/59
Annex XII

Project Title	Agency	ODP (tonnes)	Funds approved (US\$)			C.E. (US\$/kg)
			Project	Support	Total	
BANGLADESH						
PHASE-OUT PLAN						
HCFC phase out plan						
HCFC phase-out management plan (stage I, third and fourth tranches) (refrigeration servicing sector)	UNEP		\$35,000	\$4,550	\$39,550	
<i>Noted that the Agreement had been updated based on the revised funding schedule (combining the third (US \$18,000 in 2015) and the fourth (US \$17,000 in 2018) tranches. The Government, UNDP and UNEP were requested to submit the 2017 verification report by the 82nd meeting; submit progress reports on a yearly basis on the implementation of the work programme associated with the final tranche until the completion of the project and project completion report to the first meeting of the Executive Committee in 2019.</i>						
Total for Bangladesh			\$35,000	\$4,550	\$39,550	
BARBADOS						
PHASE-OUT PLAN						
HCFC phase out plan						
HCFC phase-out management plan (stage I, second tranche)	UNDP	0.4	\$38,000	\$3,420	\$41,420	
HCFC phase-out management plan (stage I, second tranche)	UNEP		\$48,000	\$6,240	\$54,240	
Total for Barbados			0.4	\$86,000	\$9,660	\$95,660
BENIN						
SEVERAL						
Ozone unit support						
Renewal of institutional strengthening project (phase X: 1/2018-12/2019)	UNEP		\$85,000	\$0	\$85,000	
Total for Benin			\$85,000		\$85,000	
BOLIVIA						
SEVERAL						
Ozone unit support						
Extension of institutional strengthening project (phase X: 1/2018-12/2019)	UNEP		\$100,950	\$0	\$100,950	
Total for Bolivia			\$100,950		\$100,950	
BOSNIA AND HERZEGOVINA						
SEVERAL						
Ozone unit support						
Extension of the institutional strengthening project (phase VI: 3/2018-2/2020)	UNIDO		\$122,026	\$8,542	\$130,568	
Total for Bosnia and Herzegovina			\$122,026	\$8,542	\$130,568	

List of projects and activities approved for funding

UNEP/OzL.Pro/ExCom/80/59
Annex XII

Project Title	Agency	ODP (tonnes)	Funds approved (US\$)			C.E. (US\$/kg)
			Project	Support	Total	
BOTSWANA						
PHASE-OUT PLAN						
HCFC phase out plan						
Verification report on the implementation of the HCFC phase-out management plan <i>Approved on the understanding that the verification report should be submitted at least 60 days prior to the applicable Executive Committee meeting where the next funding tranche for its HPMP is being sought.</i>	UNEP		\$30,000	\$3,900	\$33,900	
Total for Botswana			\$30,000	\$3,900	\$33,900	
BRAZIL						
PHASE-OUT PLAN						
HCFC phase out plan						
HCFC phase-out management plan (stage II, second tranche) (refrigeration servicing, regulatory actions and project monitoring) <i>Noted that the Agreement had been updated to reflect an extension of stage II and revised funding schedule; and that the extension of stage II would not preclude the Government from submitting the request for funding for the preparation of stage III in 2020, if applicable.</i>	UNDP		\$350,000	\$24,500	\$374,500	
HCFC phase-out management plan (stage II, second tranche) (foam sector) <i>Noted that the Agreement had been updated to reflect an extension of stage II and revised funding schedule; and that the extension of stage II would not preclude the Government from submitting the request for funding for the preparation of stage III in 2020, if applicable.</i>	UNDP		\$2,277,704	\$159,439	\$2,437,143	
HCFC phase-out management plan (stage II, second tranche) (refrigeration servicing sector) <i>Noted that the Agreement had been updated to reflect an extension of stage II and revised funding schedule; and that the extension of stage II would not preclude the Government from submitting the request for funding for the preparation of stage III in 2020, if applicable.</i>	Germany		\$686,978	\$76,457	\$763,435	
Total for Brazil			\$3,314,682	\$260,396	\$3,575,078	

List of projects and activities approved for funding

UNEP/OzL.Pro/ExCom/80/59
Annex XII

Project Title	Agency	ODP (tonnes)	Funds approved (US\$)			C.E. (US\$/kg)
			Project	Support	Total	
BURKINA FASO						
PHASE-OUT PLAN						
HCFC phase out plan						
HCFC phase-out management plan (stage I, third tranche)	UNEP		\$87,000	\$11,310	\$98,310	
<i>Noted that the Agreement had been updated based on the revised starting point and funding level; that the revised starting point for sustained aggregate reduction in HCFC consumption was 18.00 ODP tonnes, based on the verification report submitted to the 80th meeting calculated using the average 2011-2016 HCFC consumption, and that the revised funding level for stage I of the HPMP for Burkina Faso was US \$630,000, plus agency support costs, in accordance with decision 60/44(f)(xii). Approved on the understanding that the Government would implement the recommendations contained in the verification report for HCFC consumption and strengthening the institutional mechanisms to ensure accurate customs, licensing, quota, and data reporting through an upgraded customs training programme.</i>						
HCFC phase-out management plan (stage I, third tranche)	UNIDO		\$90,000	\$8,100	\$98,100	
<i>Noted that the Agreement had been updated based on the revised starting point and funding level; that the revised starting point for sustained aggregate reduction in HCFC consumption was 18.00 ODP tonnes, based on the verification report submitted to the 80th meeting calculated using the average 2011-2016 HCFC consumption, and that the revised funding level for stage I of the HPMP for Burkina Faso was US \$630,000, plus agency support costs, in accordance with decision 60/44(f)(xii). Approved on the understanding that the Government would implement the recommendations contained in the verification report for HCFC consumption and strengthening the institutional mechanisms to ensure accurate customs, licensing, quota, and data reporting through an upgraded customs training programme.</i>						
Total for Burkina Faso			\$177,000	\$19,410	\$196,410	
CAMEROON						
PHASE-OUT PLAN						
HCFC phase out plan						
HCFC phase-out management plan (refrigeration servicing sector plan) (stage I, fourth tranche)	UNIDO		\$59,136	\$4,435	\$63,571	
SEVERAL						
Ozone unit support						
Extension of institutional strengthening project (phase XI: 1/2018-12/2019)	UNEP		\$178,601	\$0	\$178,601	
Total for Cameroon			\$237,737	\$4,435	\$242,172	
CHAD						
SEVERAL						
Ozone unit support						
Extension of the institutional strengthening project (phase VIII: 1/2018-12/2019)	UNEP		\$85,000	\$0	\$85,000	

List of projects and activities approved for funding

UNEP/OzL.Pro/ExCom/80/59
Annex XII

Project Title	Agency	ODP (tonnes)	Funds approved (US\$)			C.E. (US\$/kg)
			Project	Support	Total	
Total for Chad			\$85,000		\$85,000	

CHINA

PHASE-OUT PLAN

HCFC phase out plan

HCFC phase-out management plan (stage II, second tranche) (solvent sector plan)	UNDP	59.8	\$3,777,190	\$245,517	\$4,022,707
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HCFC phase-out management plan (stage II, second tranche) (extruded polystyrene foam sector plan)	Germany	5.5	\$263,398	\$31,402	\$294,800
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Noted that the funding request for the second tranche of the XPS foam sector submitted to the 80th meeting did not meet the requirements specified in paragraph 5 of the Agreement. The bilateral and implementing agencies were strongly urged to ensure that future submissions meet the relevant requirements for submission, including the deadlines. Approved on an exceptional basis, noting that US\$263,398, plus agency support costs of US\$31,402, would be allocated at the 80th meeting and that the Government of Germany would submit a request for the remaining balance of US\$3,988, plus agency support costs of US\$475, to the 81st meeting, and on the understanding that the Treasurer would transfer the funding to UNIDO and offset the costs associated with the bilateral component by the Government of Germany only upon confirmation that the 20 per cent disbursement threshold of the first tranche of the XPS foam sector had been achieved and reviewed by the Secretariat; and if the confirmation and review had not been received and completed by 31 December 2017, then no funding would be transferred to UNIDO and the costs associated with bilateral contributions by the Government of Germany would not be offset and the second tranche could be resubmitted to a future meeting.

HCFC phase-out management plan (stage II, second tranche) (extruded polystyrene foam sector plan)	UNIDO		\$8,732,614	\$567,620	\$9,300,234
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Noted that the funding request for the second tranche of the XPS foam sector submitted to the 80th meeting did not meet the requirements specified in paragraph 5 of the Agreement. The bilateral and implementing agencies were strongly urged to ensure that future submissions meet the relevant requirements for submission, including the deadlines. Approved on an exceptional basis, and on the understanding that the Treasurer would transfer the funding to UNIDO and offset the costs associated with the bilateral component by the Government of Germany only upon confirmation that the 20 per cent disbursement threshold of the first tranche of the XPS foam sector had been achieved and reviewed by the Secretariat; and if the confirmation and review had not been received and completed by 31 December 2017, then no funding would be transferred to UNIDO and the costs associated with bilateral contributions by the Government of Germany would not be offset and the second tranche could be resubmitted to a future meeting.

List of projects and activities approved for funding

UNEP/OzL.Pro/ExCom/80/59
Annex XII

Project Title	Agency	ODP (tonnes)	Funds approved (US\$)			C.E. (US\$/kg)
			Project	Support	Total	
<p>HCFC phase-out management plan (stage II, second tranche) (industrial and commercial refrigeration and air-conditioning sector plan)</p> <p><i>Approved on the understanding that the Government and UNDP would assess the feasibility of conversion of chiller manufacturers to HFOs, consistent with the low-GWP technology selection reflected in Appendix 8-A of the Agreement on stage II of the HPMP, for possible application in other enterprises to be assisted under stage II of the HPMP; the technology choice for the conversion of manufacturing lines at Dunan Environment, Dunham Bush and Zhejiang Guoxiang was being agreed to on an exceptional basis, on the understanding that: consistent with decision XXVIII/2, those manufacturing lines and any other lines converted to the same technology under the second tranche would not be eligible for further funding under the Multilateral Fund; the level of funding provided to those manufacturing lines would not constitute a precedent for any such future conversions; the Committee would consider, at the 81st meeting, whether and how the Agreement on Stage II of the HPMP would need to be modified to account for those conversions, on the understanding that the overall tonnage to be converted to low-GWP alternatives would not change.</i></p>	UNDP		\$20,000,000	\$1,300,000	\$21,300,000	
	Total for China	65.3	\$32,773,202	\$2,144,539	\$34,917,741	
COMOROS						
PHASE-OUT PLAN						
HCFC phase out plan						
<p>Verification report on the implementation of the HCFC phase-out management plan</p> <p><i>Approved on the understanding that the verification report should be submitted at least 60 days prior to the applicable Executive Committee meeting where the next funding tranche for its HPMP is being sought.</i></p>	UNEP		\$30,000	\$3,900	\$33,900	
SEVERAL						
Ozone unit support						
<p>Extension of the institutional strengthening project (phase X: 1/2018-12/2019)</p>	UNEP		\$85,000	\$0	\$85,000	
	Total for Comoros		\$115,000	\$3,900	\$118,900	

List of projects and activities approved for funding

UNEP/OzL.Pro/ExCom/80/59
Annex XII

Project Title	Agency	ODP (tonnes)	Funds approved (US\$)			C.E. (US\$/kg)
			Project	Support	Total	
CONGO, DR						
PHASE-OUT PLAN						
HCFC phase out plan						
HCFC phase-out management plan (stage I, third tranche)	UNEP		\$23,500	\$3,055	\$26,555	
<i>Noted that the Agreement had been updated based on the revised starting point for sustained aggregate reduction; that the revised starting point for sustained aggregate reduction in HCFC consumption was 17.00 ODP tonnes; and that the total funding approved in principle for stage I was US \$475,000 rather than US \$176,000 in line with decision 60/44(f)(xii); that the maximum funding balance for the total phase-out of HCFCs was US \$1,125,000 in line with decision 74/50(c)(xii); and that the necessary funding adjustments would be made during the approval of the stage II HPMP for the country; and the return of US \$7,143, plus agency support costs of US \$929 from UNEP, and US \$2,857, plus agency support costs of US \$200 from UNDP to the 80th meeting pursuant to decision 79/27(a). The Government, UNEP and UNDP were requested to submit the project completion report to the first meeting of the Executive Committee in 2019.</i>						
HCFC phase-out management plan (stage I, third tranche)	UNDP		\$24,000	\$2,160	\$26,160	
<i>Noted that the Agreement had been updated based on the revised starting point for sustained aggregate reduction; that the revised starting point for sustained aggregate reduction in HCFC consumption was 17.00 ODP tonnes; and that the total funding approved in principle for stage I was US \$475,000 rather than US \$176,000 in line with decision 60/44(f)(xii); that the maximum funding balance for the total phase-out of HCFCs was US \$1,125,000 in line with decision 74/50(c)(xii); and that the necessary funding adjustments would be made during the approval of the stage II HPMP for the country; and the return of US \$7,143, plus agency support costs of US \$929 from UNEP, and US \$2,857, plus agency support costs of US \$200 from UNDP to the 80th meeting pursuant to decision 79/27(a). The Government, UNEP and UNDP were requested to submit the project completion report to the first meeting of the Executive Committee in 2019.</i>						
Total for Congo, DR			\$47,500	\$5,215	\$52,715	
COSTA RICA						
PHASE-OUT PLAN						
HCFC phase out plan						
HCFC phase-out management plan (stage I, fourth tranche)	UNDP		\$106,000	\$7,950	\$113,950	
SEVERAL						
Ozone unit support						
Extension of institutional strengthening project (phase XII: 1/2018-12/2019)	UNDP		\$179,857	\$12,590	\$192,447	
Total for Costa Rica			\$285,857	\$20,540	\$306,397	

List of projects and activities approved for funding

UNEP/OzL.Pro/ExCom/80/59
Annex XII

Project Title	Agency	ODP (tonnes)	Funds approved (US\$)			C.E. (US\$/kg)
			Project	Support	Total	
DJIBOUTI						
PHASE-OUT PLAN						
HCFC phase out plan						
Verification report on the implementation of the HCFC phase-out management plan	UNEP		\$30,000	\$3,900	\$33,900	
<i>Approved on the understanding that the verification report should be submitted at least 60 days prior to the applicable Executive Committee meeting where the next funding tranche for its HPMP is being sought.</i>						
Total for Djibouti			\$30,000	\$3,900	\$33,900	
DOMINICA						
SEVERAL						
Ozone unit support						
Additional emergency assistance for institutional strengthening	UNEP		\$20,000	\$0	\$20,000	
<i>Approved, on an exceptional basis, taking into consideration the circumstances facing the national ozone unit after the devastation of the country's infrastructure by the hurricane in September 2017. UNEP was requested to present, to the 81st meeting, a strategy and action plan to assist the country in returning to its pre-hurricane implementation levels.</i>						
Total for Dominica			\$20,000		\$20,000	
GABON						
PHASE-OUT PLAN						
HCFC phase out plan						
Verification report on the implementation of the HCFC phase-out management plan	UNEP		\$30,000	\$3,900	\$33,900	
<i>Approved on the understanding that the verification report should be submitted at least 60 days prior to the applicable Executive Committee meeting where the next funding tranche for its HPMP is being sought.</i>						
Total for Gabon			\$30,000	\$3,900	\$33,900	
GUINEA						
SEVERAL						
Ozone unit support						
Extension of the institutional strengthening project (phase X: 1/2018-12/2019)	UNEP		\$85,000	\$0	\$85,000	
Total for Guinea			\$85,000		\$85,000	

List of projects and activities approved for funding

UNEP/OzL.Pro/ExCom/80/59
Annex XII

Project Title	Agency	ODP (tonnes)	Funds approved (US\$)			C.E. (US\$/kg)
			Project	Support	Total	
INDONESIA						
SEVERAL						
Ozone unit support						
Extension of institutional strengthening project (phase XI: 1/2018-12/2019)	UNDP		\$347,194	\$24,304	\$371,498	
Total for Indonesia			\$347,194	\$24,304	\$371,498	

KENYA

PHASE-OUT PLAN

HCFC phase out plan

HCFC phase-out management plan (stage II, first tranche)	France		\$456,500	\$52,803	\$509,303	
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Approved in accordance with the Agreement between the Government and the Executive Committee for the period 2017 to 2030 to completely phase out HCFC consumption and on the understanding that not additional funding would be provided to the Government for the phase-out of HCFCs; and that if Kenya were to decide to proceed with retrofits and associated servicing to flammable and toxic refrigerants in refrigeration and air-conditioning equipment originally designed for non-flammable substances, it would do so assuming all associated responsibilities and risks and only in accordance with the relevant standards and protocols. Noted the commitment of the Government of Kenya to reduce remaining HCFC consumption by 2030; to issue a ban on the import of HCFC-based equipment and HCFCs other than HCFC-22 by December 2020; that Kenya had consumption in the servicing sector only; and that the financial incentive scheme would enhance the sustainability of the training of servicing technicians and would be co-financed by participating end-users. The Governments of Kenya and France were requested to deduct 21.78 ODP tonnes of HCFCs from the remaining HCFC consumption eligible for funding. The Government of Kenya were requested to submit a letter through the Director, Multilateral Environmental Agreements, no later than 31 December 2017, confirming its commitment to accelerate, full phase-out of HCFCs by 1 January 2030. The Government of France when submitting the second tranche to review with the Government of Kenya the implementation plan and strategy of stage II of the HPMP, with a view to considering activities other than those currently included, in order to optimize the effectiveness of the HPMP; and to report on the status of implementation of the ban mentioned in sub paragraph (b)(ii). The Government of France was also requested to report on the project management unit expenditures in the tranche progress report along with the measures taken to keep the expenditures below the approved levels.

List of projects and activities approved for funding

UNEP/OzL.Pro/ExCom/80/59
Annex XII

Project Title	Agency	ODP (tonnes)	Funds approved (US\$)			C.E. (US\$/kg)
			Project	Support	Total	
<p>HCFC phase-out management plan (stage I, fifth tranche)</p> <p><i>Noted that the Agreement had been updated based on the revised starting point for sustained aggregate reduction, and that the revised starting point for sustained aggregate reduction in HCFC consumption was 33.41 ODP tonnes. The Governments of France and Kenya were requested to deduct an additional 0.63 ODP tonnes from the remaining consumption eligible for funding as a result of reallocation of funding of servicing-related activities under the project management unit (PMU). The Government of France was requested to submit a report to the 81st meeting providing detailed reporting on activities that had been and continued to be undertaken by the PMU for stage I of the HPMP. Approved on the understanding that if Kenya were to decide to proceed with retrofits and associated servicing to flammable and toxic refrigerants in refrigeration and air-conditioning equipment originally designed for non-flammable substances, it would do so assuming all associated responsibilities and risks and only in accordance with the relevant standards and protocols.</i></p>	France		\$90,000	\$10,900	\$100,900	
SEVERAL						
Ozone unit support						
Extension of institutional strengthening project (phase XI: 11/2017-10/2019)	UNEP		\$194,134	\$0	\$194,134	
Total for Kenya			\$740,634	\$63,703	\$804,337	
LESOTHO						
PHASE-OUT PLAN						
HCFC phase out plan						
<p>HCFC phase-out management plan (stage I, third tranche)</p> <p><i>That the Agreement had been updated based on the revised starting point, that the revised starting point for sustained aggregate reduction in HCFC consumption was 1.54 ODP tonnes, calculated as the average consumption reported under Article 7 of the Montreal Protocol for the 2011-2016 period; that the total funding approved in principle for stage I was US \$280,000 rather than US\$210,000 in line with decision 60/44(f)(xii); that the maximum funding balance for the total phase-out of HCFCs was US \$470,000 in line with decision 74/50(c)(xii); and that the necessary funding adjustments would be made during the approval of the stage II HPMP for the country. Approved on the understanding that if Lesotho were to decide to proceed with retrofits and associated servicing to flammable and toxic refrigerants in refrigeration and air-conditioning equipment originally designed for non-flammable substances, it would do so assuming all associated responsibilities and risks and only in accordance with the relevant standards and protocols.</i></p>	Germany		\$84,000	\$10,920	\$94,920	
Total for Lesotho			\$84,000	\$10,920	\$94,920	
LIBERIA						
SEVERAL						
Ozone unit support						
Extension of the institutional strengthening project (phase VII: 11/2017-10/2019)	UNEP		\$109,073	\$0	\$109,073	

List of projects and activities approved for funding

UNEP/OzL.Pro/ExCom/80/59
Annex XII

Project Title	Agency	ODP (tonnes)	Funds approved (US\$)		C.E. (US\$/kg)
			Project	Support	
Total for Liberia			\$109,073		\$109,073
MALAYSIA					
SEVERAL					
Ozone unit support					
Extension of institutional strengthening project (phase XII: 1/2018-12/2019)	UNDP		\$357,760	\$25,043	\$382,803
Total for Malaysia			\$357,760	\$25,043	\$382,803
MALDIVES					
PHASE-OUT PLAN					
HCFC phase out plan					
HCFC phase-out management plan (stage I, fourth tranche)	UNEP		\$50,000	\$6,500	\$56,500
<i>UNDP and UNEP were requested to continue reporting annually on the progress of the transition from the interim technology selected by the Government to low-GWP refrigerants in line with decision 75/62(c), and on the implementation of the work programme associated with the final tranche until the completion of the HPMP in 2020. The Government of Maldives, UNDP and UNEP were requested to submit project completion report to the first meeting of the Executive Committee in 2022. Approved on the understanding that Maldives had consumption in the servicing sector only; and that end-users participating in the incentive programme for the introduction of new low-GWP air-conditioning equipment for household and small commercial refrigeration appliances would provide co-financing.</i>					
Total for Maldives			\$50,000	\$6,500	\$56,500
MARSHALL ISLANDS					
SEVERAL					
Ozone unit support					
Extension of the institutional strengthening project (phase VI: 12/2017-11/2019)	UNEP		\$85,000	\$0	\$85,000
Total for Marshall Islands			\$85,000		\$85,000

List of projects and activities approved for funding

Project Title	Agency	ODP (tonnes)	Funds approved (US\$)			C.E. (US\$/kg)
			Project	Support	Total	
MAURITANIA						
PHASE-OUT PLAN						
HCFC phase out plan						
HCFC phase-out management plan (stage I, first tranche)	UNEP		\$150,000	\$19,500	\$169,500	
<p><i>Approved in accordance with the Agreement between the Government and the Executive Committee for the period 2017 to 2025 to reduce HCFC consumption by 67.5 per cent of the baseline and on the understanding that the clause on reductions in funding for failure to comply (Appendix 7-A) would not be applied in the case that the verified level of HCFC consumption was higher than the estimated starting point of 6.60 ODP tonnes. Noted with appreciation the efforts that the Government has made to re-establish its legal and institutional framework for the effective implementation of Montreal Protocol activities in order to meet its obligations; that the starting point for aggregate reduction in HCFC consumption has been estimated at 6.60 ODP tonnes. The Government, UNEP and UNDP were requested to deduct 4.46 ODP tonnes of HCFCs from the starting point for sustained aggregate reduction in HCFC consumption. The Secretariat was requested, in the event that the starting point was revised, to update Appendices 1-A and 2-A to the draft Agreement to include the revised figures for maximum allowable consumption, and to notify the Executive Committee of the resulting levels of maximum allowable consumption, and of any potential related impact on the eligible funding level, with any necessary adjustments being made when the next tranche was submitted. Approved on the understanding that the comprehensive survey to determine the actual level of consumption in Mauritania would be undertaken and independently verified prior to the submission and approval of the second funding tranche.</i></p>						
HCFC phase-out management plan (stage I, first tranche)	UNDP		\$105,000	\$7,350	\$112,350	
<p><i>Approved in accordance with the Agreement between the Government and the Executive Committee for the period 2017 to 2025 to reduce HCFC consumption by 67.5 per cent of the baseline and on the understanding that the clause on reductions in funding for failure to comply (Appendix 7-A) would not be applied in the case that the verified level of HCFC consumption was higher than the estimated starting point of 6.60 ODP tonnes. Noted with appreciation the efforts that the Government has made to re-establish its legal and institutional framework for the effective implementation of Montreal Protocol activities in order to meet its obligations; that the starting point for aggregate reduction in HCFC consumption has been estimated at 6.60 ODP tonnes. The Government, UNEP and UNDP were requested to deduct 4.46 ODP tonnes of HCFCs from the starting point for sustained aggregate reduction in HCFC consumption. The Secretariat was requested, in the event that the starting point was revised, to update Appendices 1-A and 2-A to the draft Agreement to include the revised figures for maximum allowable consumption, and to notify the Executive Committee of the resulting levels of maximum allowable consumption, and of any potential related impact on the eligible funding level, with any necessary adjustments being made when the next tranche was submitted. Approved on the understanding that the comprehensive survey to determine the actual level of consumption in Mauritania is taken and independently verified prior to the submission and approval of the second funding tranche.</i></p>						
Total for Mauritania			\$255,000	\$26,850	\$281,850	

List of projects and activities approved for funding

UNEP/OzL.Pro/ExCom/80/59
Annex XII

Project Title	Agency	ODP (tonnes)	Funds approved (US\$)			C.E. (US\$/kg)
			Project	Support	Total	
MYANMAR						
PHASE-OUT PLAN						
HCFC phase out plan						
HCFC phase-out management plan (stage I, second tranche)	UNIDO		\$60,000	\$5,400	\$65,400	
<i>Noted that the Agreement had been updated on the basis of the revised funding schedule (combining the second (US \$79,000 in 2015) and third (US \$13,000 in 2017) tranches).</i>						
HCFC phase-out management plan (stage I, second tranche)	UNEP		\$32,000	\$4,160	\$36,160	
<i>Noted that the Agreement had been updated on the basis of the revised funding schedule (combining the second (US \$79,000 in 2015) and third (US \$13,000 in 2017) tranches).</i>						
Total for Myanmar			\$92,000	\$9,560	\$101,560	
NIGER						
SEVERAL						
Ozone unit support						
Extension of institutional strengthening project (phase XI: 1/2018-12/2019)	UNEP		\$85,000	\$0	\$85,000	
Total for Niger			\$85,000		\$85,000	
OMAN						
PHASE-OUT PLAN						
HCFC phase out plan						
Verification report on the implementation of the HCFC phase-out management plan	UNIDO		\$30,000	\$2,700	\$32,700	
<i>Approved on the understanding that the verification report should be submitted at least 60 days prior to the applicable Executive Committee meeting where the next funding tranche for its HPMP is being sought.</i>						
Total for Oman			\$30,000	\$2,700	\$32,700	
PALAU						
SEVERAL						
Ozone unit support						
Renewal of institutional strengthening project (phase VII: 12/2017-11/2019)	UNEP		\$85,000	\$0	\$85,000	
Total for Palau			\$85,000		\$85,000	
PANAMA						
SEVERAL						
Ozone unit support						
Extension of institutional strengthening project (phase VIII: 12/2017-11/2019)	UNDP		\$191,360	\$13,395	\$204,755	
Total for Panama			\$191,360	\$13,395	\$204,755	

List of projects and activities approved for funding

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Annex XII

Project Title	Agency	ODP (tonnes)	Funds approved (US\$)			C.E. (US\$/kg)
			Project	Support	Total	
PERU						
PHASE-OUT PLAN						
HCFC phase out plan						
HCFC phase-out management plan (stage II, first tranche)	UNDP		\$350,100	\$24,507	\$374,607	
<p><i>Approved in accordance with the Agreement between the Government and the Executive Committee for the period 2017 to 2025 to reduce HCFC consumption by 67.5 per cent of the baseline. Noted the commitment of the Government to reduce HCFC consumption by 67.5 per cent of the baseline by 2025; that the revised starting point for sustained aggregate reduction in HCFC consumption was 54.79 ODP tonnes, calculated using actual consumption of 27.3 ODP tonnes and 26.45 ODP tonnes reported for 2009 and 2010, respectively, under Article 7 of the Montreal Protocol, plus 27.91 ODP tonnes of HCFC-141b contained in imported pre-blended polyol systems; that during implementation of stage II of the HPMP the Government of Peru could submit a project to phase out the use of HCFC-141b contained in imported pre-blended polyols in the polyurethane foam sector, when proven cost-effective and commercially available low-GWP technology made it possible. The Government UNDP and UNEP were requested to deduct 14.40 ODP tonnes of HCFCs from the remaining HCFC consumption eligible for funding.</i></p>						
HCFC phase-out management plan (stage II, first tranche)	UNEP		\$62,400	\$8,112	\$70,512	
<p><i>Approved in accordance with the Agreement between the Government and the Executive Committee for the period 2017 to 2025 to reduce HCFC consumption by 67.5 per cent of the baseline. Noted the commitment of the Government to reduce HCFC consumption by 67.5 per cent of the baseline by 2025; that the revised starting point for sustained aggregate reduction in HCFC consumption was 54.79 ODP tonnes, calculated using actual consumption of 27.3 ODP tonnes and 26.45 ODP tonnes reported for 2009 and 2010, respectively, under Article 7 of the Montreal Protocol, plus 27.91 ODP tonnes of HCFC-141b contained in imported pre-blended polyol systems; that during implementation of stage II of the HPMP the Government of Peru could submit a project to phase out the use of HCFC-141b contained in imported pre-blended polyols in the polyurethane foam sector, when proven cost-effective and commercially available low-GWP technology made it possible. The Government UNDP and UNEP were requested to deduct 14.40 ODP tonnes of HCFCs from the remaining HCFC consumption eligible for funding.</i></p>						
SEVERAL						
Ozone unit support						
Renewal of institutional strengthening project (phase V: 1/2018-12/2019)	UNEP		\$170,893	\$0	\$170,893	
Total for Peru			\$583,393	\$32,619	\$616,012	

List of projects and activities approved for funding

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Annex XII

Project Title	Agency	ODP (tonnes)	Funds approved (US\$)			C.E. (US\$/kg)
			Project	Support	Total	
PHILIPPINES						
PHASE-OUT PLAN						
HCFC phase out plan						
HCFC phase-out management plan (stage II, first tranche) (air-conditioning sector)	IBRD		\$736,129	\$51,528	\$787,657	
<p><i>Approved in accordance with the Agreement between the Government and the Executive Committee for the period 2016 to 2021 to reduce HCFC consumption by 35 per cent of the baseline in 2020 and 50 per cent in 2021. Noted the commitment of the Government to reduce HCFC consumption by 50 per cent by 2021; and to issue a ban on manufacture and import of HCFC-22-based air-conditioners with cooling capacity of less than 36,000 BTU/hour by 31 December 2021 and a ban on the use of HCFC-22 in manufacturing of air-conditioning equipment upon completion of the conversions of all the eligible enterprises and no later than 1 January 2022. The Government and the World Bank were requested to deduct 24.6 ODP tonnes of HCFCs from the remaining HCFC consumption eligible for funding. The World Bank was requested to include in the tranche implementation reports the results of the conversion of the air-conditioning manufacturing sector to low-GWP alternatives highlighting lessons learned and challenges faced including the Government's efforts to ensure the sustainable adoption of the selected technology in the country and measures to discourage increased penetration of R-410A fixed-speed air-conditioners.</i></p>						
HCFC phase-out management plan (stage II, first tranche) (refrigeration servicing sector)	IBRD		\$273,894	\$19,173	\$293,067	
<p><i>Approved in accordance with the Agreement between the Government and the Executive Committee for the period 2016 to 2021 to reduce HCFC consumption by 35 per cent of the baseline in 2020 and 50 per cent in 2021. Noted the commitment of the Government to reduce HCFC consumption by 50 per cent by 2021; and to issue a ban on manufacture and import of HCFC-22-based air-conditioners with cooling capacity of less than 36,000 BTU/hour by 31 December 2021 and a ban on the use of HCFC-22 in manufacturing of air-conditioning equipment upon completion of the conversions of all the eligible enterprises and no later than 1 January 2022. The Government and the World Bank were requested to deduct 24.6 ODP tonnes of HCFCs from the remaining HCFC consumption eligible for funding. The World Bank was requested to include in the tranche implementation reports the results of the conversion of the air-conditioning manufacturing sector to low-GWP alternatives highlighting lessons learned and challenges faced including the Government's efforts to ensure the sustainable adoption of the selected technology in the country and measures to discourage increased penetration of R-410A fixed-speed air-conditioners.</i></p>						
Total for Philippines			\$1,010,023	\$70,701	\$1,080,724	
RWANDA						
SEVERAL						
Ozone unit support						
Extension of the institutional strengthening project (phase VII: 12/2017-11/2019)	UNEP		\$85,000	\$0	\$85,000	

List of projects and activities approved for funding

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Project Title	Agency	ODP (tonnes)	Funds approved (US\$)		C.E. (US\$/kg)
			Project	Support	
Total for Rwanda			\$85,000		\$85,000
SAINT LUCIA					
SEVERAL					
Ozone unit support					
Renewal of institutional strengthening project (phase X: 1/2018-12/2019)	UNEP		\$85,000	\$0	\$85,000
Total for Saint Lucia			\$85,000		\$85,000
SAINT VINCENT AND THE GRENADINES					
SEVERAL					
Ozone unit support					
Extension of the institutional strengthening project (phase VII: 1/2018-12/2019)	UNEP		\$85,000	\$0	\$85,000
Total for Saint Vincent and the Grenadines			\$85,000		\$85,000
SAMOA					
SEVERAL					
Ozone unit support					
Extension of institutional strengthening project (phase IX: 11/2015-10/2017)	UNEP		\$85,000	\$0	\$85,000
Total for Samoa			\$85,000		\$85,000
SENEGAL					
SEVERAL					
Ozone unit support					
Extension of institutional strengthening project (phase XII: 1/2018-12/2019)	UNEP		\$194,689	\$0	\$194,689
Total for Senegal			\$194,689		\$194,689
SERBIA					
SEVERAL					
Ozone unit support					
Extension of institutional strengthening project (phase VI: 12/2017-11/2019)	UNIDO		\$168,064	\$11,764	\$179,828
Total for Serbia			\$168,064	\$11,764	\$179,828
SOLOMON ISLANDS					
SEVERAL					
Ozone unit support					
Renewal of institutional strengthening project (phase VII: 12/2017-11/2019)	UNEP		\$85,000	\$0	\$85,000
Total for Solomon Islands			\$85,000		\$85,000

List of projects and activities approved for funding

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Annex XII

Project Title	Agency	ODP (tonnes)	Funds approved (US\$)			C.E. (US\$/kg)
			Project	Support	Total	
SUDAN						
PHASE-OUT PLAN						
HCFC phase out plan						
Verification report on the implementation of the HCFC phase-out management plan <i>Approved on the understanding that the verification report should be submitted at least 60 days prior to the applicable Executive Committee meeting where the next funding tranche for its HPMP is being sought.</i>	UNIDO		\$30,000	\$2,700	\$32,700	
HCFC phase-out management plan (stage I, third tranche) (refrigeration servicing sector)	UNIDO	4.3	\$40,000	\$2,800	\$42,800	
Total for Sudan		4.3	\$70,000	\$5,500	\$75,500	
SWAZILAND						
PHASE-OUT PLAN						
HCFC phase out plan						
Verification report on the implementation of the HCFC phase-out management plan <i>Approved on the understanding that the verification report should be submitted at least 60 days prior to the applicable Executive Committee meeting where the next funding tranche for its HPMP is being sought.</i>	UNEP		\$30,000	\$3,900	\$33,900	
Total for Swaziland			\$30,000	\$3,900	\$33,900	
THAILAND						
PHASE-OUT PLAN						
HCFC phase out plan						
HCFC phase-out management plan (stage I, fourth tranche) (residential air-conditioning group project and technical assistance) <i>Noted the submission of a revised plan of action for the implementation and completion of the remaining activities by December 2018; and that the Agreement had been updated based on the adjustments of funds for the fourth, and fifth, sixth and seventh tranches (US\$400,000 deducted and US\$4,162,210 would not be requested, respectively). The Government and the World Bank were requested to submit progress reports on a yearly basis on the implementation of the work programme associated with the final tranche until the completion of the project, verification reports until approval of stage II, and the project completion report to the first meeting of the Executive Committee in 2019. Noted that stage II of the HPMP would address total HCFC-141b consumption eligible for funding in the foam spray sector and up to 20 ODP tonnes of HCFC-22 used in the refrigeration servicing sector, on the understanding that the remaining consumption eligible for funding for Thailand would be reviewed upon the submission of stage II of the HPMP; and stage III of the HPMP would be submitted no earlier than the last meeting in 2021.</i>	IBRD	19.1	\$1,532,345	\$107,264	\$1,639,609	

List of projects and activities approved for funding

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Annex XII

Project Title	Agency	ODP (tonnes)	Funds approved (US\$)			C.E. (US\$/kg)
			Project	Support	Total	
HCFC phase-out management plan (stage I, fourth tranche) (foam sector plan and project management unit)	IBRD	51.6	\$1,131,197	\$79,184	\$1,210,381	
<p><i>Noted the submission of a revised plan of action for the implementation and completion of the remaining activities by December 2018; and that the Agreement had been updated based on the adjustments of funds for the fourth, and fifth, sixth and seventh tranches (US\$400,000 deducted and US\$4,162,210 would not be requested, respectively). The Government and the World Bank were requested to submit progress reports on a yearly basis on the implementation of the work programme associated with the final tranche until the completion of the project, verification reports until approval of stage II, and the project completion report to the first meeting of the Executive Committee in 2019. Noted that stage II of the HPMP would address total HCFC-141b consumption eligible for funding in the foam spray sector and up to 20 ODP tonnes of HCFC-22 used in the refrigeration servicing sector, on the understanding that the remaining consumption eligible for funding for Thailand would be reviewed upon the submission of stage II of the HPMP; and stage III of the HPMP would be submitted no earlier than the last meeting in 2021.</i></p>						
Total for Thailand		70.8	\$2,663,542	\$186,448	\$2,849,990	

TIMOR LESTE

PHASE-OUT PLAN

HCFC phase out plan

HCFC phase-out management plan (stage II, first tranche)	UNDP		\$55,000	\$4,950	\$59,950	
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Approved in accordance with the Agreement between the Government and the Executive Committee for the period 2017 to 2025 to reduce HCFC consumption by 78 per cent of the baseline, and on the understanding that Timor-Leste had consumption in the servicing sector only; and that the financial incentive scheme would enhance the sustainability of the training of servicing technicians, and that end-users would provide co financing to participate in the scheme. Noted the commitment of the Government to reduce HCFC consumption by 40 per cent by 2020 and 78 per cent by 2025. The Government, UNDP and UNEP were requested to deduct 0.34 ODP tonnes of HCFCs from the remaining HCFC consumption eligible for funding.

HCFC phase-out management plan (stage II, first tranche)	UNEP		\$83,000	\$10,790	\$93,790	
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Approved in accordance with the Agreement between the Government and the Executive Committee for the period 2017 to 2025 to reduce HCFC consumption by 78 per cent of the baseline, and on the understanding that Timor-Leste had consumption in the servicing sector only; and that the financial incentive scheme would enhance the sustainability of the training of servicing technicians, and that end-users would provide co financing to participate in the scheme. Noted the commitment of the Government to reduce HCFC consumption by 40 per cent by 2020 and 78 per cent by 2025. The Government, UNDP and UNEP were requested to deduct 0.34 ODP tonnes of HCFCs from the remaining HCFC consumption eligible for funding.

List of projects and activities approved for funding

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Project Title	Agency	ODP (tonnes)	Funds approved (US\$)			C.E. (US\$/kg)
			Project	Support	Total	
HCFC phase-out management plan (stage I, third tranche) <i>The Government, UNEP and UNDP were requested to complete stage I of the HPMP by 31 December 2018, and to submit the project completion report to the second meeting of the Executive Committee in 2019.</i>	UNDP		\$10,680	\$961	\$11,641	
HCFC phase-out management plan (stage I, third tranche) <i>The Government, UNEP and UNDP were requested to complete stage I of the HPMP by 31 December 2018, and to submit the project completion report to the second meeting of the Executive Committee in 2019.</i>	UNEP		\$16,400	\$2,132	\$18,532	
Total for Timor Leste			\$165,080	\$18,833	\$183,913	
TOGO						
PHASE-OUT PLAN						
HCFC phase out plan						
Verification report on the implementation of the HCFC phase-out management plan <i>Approved on the understanding that the verification report should be submitted at least 60 days prior to the applicable Executive Committee meeting where the next funding tranche for its HPMP is being sought.</i>	UNEP		\$30,000	\$3,900	\$33,900	
Total for Togo			\$30,000	\$3,900	\$33,900	
TONGA						
SEVERAL						
Ozone unit support						
Renewal of institutional strengthening project (phase VII: 12/2017-11/2019)	UNEP		\$85,000	\$0	\$85,000	
Total for Tonga			\$85,000		\$85,000	
TURKEY						
SEVERAL						
Ozone unit support						
Extension of institutional strengthening project (phase VIII: 12/2017-11/2019)	UNIDO		\$332,800	\$23,296	\$356,096	
Total for Turkey			\$332,800	\$23,296	\$356,096	
URUGUAY						
SEVERAL						
Ozone unit support						
Extension of institutional strengthening project (phase XII: 1/2018-12/2019)	UNDP		\$193,024	\$13,512	\$206,536	
Total for Uruguay			\$193,024	\$13,512	\$206,536	

List of projects and activities approved for funding

UNEP/OzL.Pro/ExCom/80/59
Annex XII

Project Title	Agency	ODP (tonnes)	Funds approved (US\$)			C.E. (US\$/kg)
			Project	Support	Total	
ZIMBABWE						
PHASE-OUT PLAN						
HCFC phase out plan						
HCFC phase-out management plan (stage I, fourth tranche) (refrigeration servicing sector)	Germany	2.3	\$168,000	\$20,097	\$188,097	
<i>Approved on the understanding that if Zimbabwe were to decide to proceed with retrofits and associated servicing to flammable and toxic refrigerants in refrigeration and air-conditioning equipment originally designed for non flammable substances, it would do so assuming all associated responsibilities and risks and only in accordance with the relevant standards and protocols; and that the approved funds will not be transferred to the Government of Germany until the Secretariat has reviewed the revised verification report covering the period 2009 to 2016 and addressing the issues that were identified in the verification report submitted to the 80th meeting, on the understanding that any revision to the reported consumption of the baseline years that could result in an adjustment to the starting point for aggregate reduction in HCFC consumption, would be considered at the time of the approval of the last tranche of stage I of the HPMP, and the funding level would be adjusted accordingly.</i>						
Total for Zimbabwe		2.3	\$168,000	\$20,097	\$188,097	
GLOBAL						
SEVERAL						
Agency programme						
Compliance Assistance Programme: 2018 budget	UNEP		\$9,863,000	\$789,040	\$10,652,040	
<i>UNEP was requested to provide a final report to the 81st meeting on the review of the overall structure of the CAP and its operations and regional structure in addressing emerging needs and new challenges in Article 5 countries and a final report to the 82nd meeting on the four global activities identified in the 2016-2018 three year rolling strategy providing details on the overall cost, achievements and outputs and how these had contributed to the compliance for Article 5 countries within the CAP mandate in line with decision 75/38(c)(i); and in future submissions of the CAP budget, to continue providing detailed information on the activities for which the global funds would be used; extending the prioritization of funding between CAP budget lines so as to accommodate changing priorities and to provide details, pursuant to decisions 47/24 and 50/26, on the reallocations made; reporting on the current post levels of staff and informing the Executive Committee of any changes thereto, particularly with respect to any increased budget allocations; and providing a budget for the year in question, and a report of the estimated costs incurred in the previous year noting subparagraphs above.</i>						
Core unit budget (2018)	UNDP		\$0	\$2,069,385	\$2,069,385	
Core unit budget (2018)	UNIDO		\$0	\$2,069,385	\$2,069,385	
Core unit budget (2018)	IBRD		\$0	\$1,735,000	\$1,735,000	

List of projects and activities approved for fundingUNEP/OzL.Pro/ExCom/80/59
Annex XII

Project Title	Agency	ODP (tonnes)	Funds approved (US\$)			C.E. (US\$/kg)
			Project	Support	Total	
			\$9,863,000	\$6,662,810	\$16,525,810	
		144.4	\$56,751,401	\$9,740,029	\$66,491,430	

Summary

UNEP/OzL.Pro/ExCom/80/59
Annex XII

Sector	Tonnes (ODP)	Funds approved (US\$)		
		Project	Support	Total
BILATERAL COOPERATION				
Phase-out plan	7.8	\$1,748,876	\$202,579	\$1,951,455
TOTAL:	7.8	\$1,748,876	\$202,579	\$1,951,455
INVESTMENT PROJECT				
Phase-out plan	136.5	\$40,430,292	\$2,713,394	\$43,143,686
TOTAL:	136.5	\$40,430,292	\$2,713,394	\$43,143,686
WORK PROGRAMME AMENDMENT				
Phase-out plan		\$240,000	\$28,800	\$268,800
Several		\$14,332,233	\$6,795,256	\$21,127,489
TOTAL:		\$14,572,233	\$6,824,056	\$21,396,289
Summary by Parties and Implementing Agencies				
France		\$546,500	\$63,703	\$610,203
Germany	7.8	\$1,202,376	\$138,876	\$1,341,252
IBRD	70.8	\$3,673,565	\$1,992,149	\$5,665,714
UNDP	60.2	\$28,362,869	\$3,938,983	\$32,301,852
UNEP	0.7	\$13,265,623	\$896,352	\$14,161,975
UNIDO	4.9	\$9,700,468	\$2,709,966	\$12,410,434
GRAND TOTAL	144.4	\$56,751,401	\$9,740,029	\$66,491,430

Balances on projects returned at the 80th meeting

Agency	Project costs (US\$)	Support costs (US\$)	Total (US\$)
France (per decision 80/2(a)(iii))	-21,755	-1,450	-23,205
UNDP (per decision 80/2(a)(ii) and 80/67(b))	561,409	44,691	606,100
UNEP (per decision 80/2(a)(ii) and 80/67(b))	2,616,934	230,249	2,847,183
UNIDO (per decision 80/2(a)(ii))	652,068	47,948	700,016
World Bank (per decision 80/2(a)(ii))	1,142,011	148,128	1,290,139
Total	4,950,667	469,566	5,420,233

Adjustment arising from the 80th meeting for transferred projects

Agency	Project Costs (US\$)	Support Costs (US\$)	Total (US\$)
World Bank (per decision 80/31(b)(i))	-808,438	-60,633	-869,071
UNIDO (per decision 80/31(b)(ii))	808,438	60,633	869,071
World Bank (per decision 80/31(c)(i))	-907,525	-63,527	-971,052
UNIDO (per decision 80/31(c)(ii)(a.))	907,525	63,527	971,052

Interest accrued

Agency	Interest accrued (US \$)	Remarks
UNDP (per decision 80/4(b)(i))	309,668	Account Reconciliation
UNIDO (per decision 80/4(b)(ii))	78,754	Account Reconciliation
World Bank (per decision 80/4(b)(iii))	131,618	Account Reconciliation
UNIDO (per decision 80/20(b))	12,621	China - HPMP Stage I - Foam XPS
World Bank (per decision 80/21(b))	4,813	China - HPMP Stage I - Foam PU
UNDP (per decision 80/22(b))	97,468	China - HPMP Stage I - Refrigeration ICR
UNIDO (per decision 80/23(b))	49,273	China - HPMP Stage I - Refrigeration RAC
UNDP (per decision 80/24(b))	1,101	China - HPMP Stage I - Solvent
UNEP (per decision 80/25(b))	886	China - HPMP Stage I - Refrigeration Servicing

Net allocations based on decisions of the 80th meeting

Agency	Project costs (US\$)	Support costs (US\$)	Total (US\$)
France	568,255	65,153	633,408
Germany*	1,202,376	138,876	1,341,252
UNDP	27,393,223	3,894,292	31,287,515
UNEP	10,647,803	666,103	11,313,906
UNIDO	10,623,715	2,786,178	13,409,893
World Bank	679,160	1,719,861	2,399,021
Total	51,114,532	9,270,463	60,384,995

*US \$3,988, plus agency support costs of US \$475 will be allocated to the 81st meeting

List of projects approved for fast-start implementation of HFC phase-down

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Annex XII

Project Title	Agency	Metric (tonnes)	Funds approved (US\$)			C.E. (US\$/kg)
			Project	Support	Total	
ALBANIA						
SEVERAL						
Technical assistance/support						
Enabling activities for HFC phase-down <i>Funded from the additional voluntary contributions of non-Article 5 countries.</i>	UNIDO		\$95,000	\$6,650	\$101,650	
Total for Albania			\$95,000	\$6,650	\$101,650	
ANGOLA						
SEVERAL						
Technical assistance/support						
Enabling activities for HFC phase-down <i>Funded from the additional voluntary contributions of non-Article 5 countries.</i>	UNEP		\$150,000	\$10,500	\$160,500	
Total for Angola			\$150,000	\$10,500	\$160,500	
ARMENIA						
SEVERAL						
Technical assistance/support						
Enabling activities for HFC phase-down <i>Funded from the additional voluntary contributions of non-Article 5 countries.</i>	UNIDO		\$150,000	\$10,500	\$160,500	
Total for Armenia			\$150,000	\$10,500	\$160,500	
BANGLADESH						
REFRIGERATION						
Domestic						
Conversion from HFC-134a to isobutane as refrigerant in manufacturing household refrigerator and of reciprocating compressor of HFC-134a to energy efficient compressor (isobutane) in Walton Hi-Tech Industries Limited <i>Funded from the additional voluntary contributions of non-Article 5 countries. Noted that the Government had submitted a formal letter indicating its intention to ratify the Kigali Amendment. Approved on the understanding that 230.63 metric tonnes of HFC-134a would be deducted from the country's starting point for sustained aggregate reductions for HFCs to be established at a future meeting; and that funding for any downstream users that sought compensation for incremental operating costs associated with compressors in subsequent HFC compressor conversion projects would be determined in accordance with decision 26/36.</i>	UNDP	230.6	\$3,131,610	\$219,213	\$3,350,823	
Total for Bangladesh			230.6	\$3,131,610	\$219,213	\$3,350,823

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Project Title	Agency	Metric (tonnes)	Funds approved (US\$)			C.E. (US\$/kg)
			Project	Support	Total	
BHUTAN						
SEVERAL						
Technical assistance/support						
Enabling activities for HFC phase-down	UNEP		\$50,000	\$3,500	\$53,500	
<i>Funded from the additional voluntary contributions of non-Article 5 countries.</i>						
Total for Bhutan			\$50,000	\$3,500	\$53,500	
BOSNIA AND HERZEGOVINA						
SEVERAL						
Technical assistance/support						
Enabling activities for HFC phase-down	UNIDO		\$95,000	\$6,650	\$101,650	
<i>Funded from the additional voluntary contributions of non-Article 5 countries.</i>						
Total for Bosnia and Herzegovina			\$95,000	\$6,650	\$101,650	
BURKINA FASO						
SEVERAL						
Technical assistance/support						
Enabling activities for HFC phase-down	UNIDO		\$150,000	\$10,500	\$160,500	
<i>Funded from the additional voluntary contributions of non-Article 5 countries.</i>						
Total for Burkina Faso			\$150,000	\$10,500	\$160,500	
CAMBODIA						
SEVERAL						
Technical assistance/support						
Enabling activities for HFC phase-down	UNEP		\$150,000	\$10,500	\$160,500	
<i>Funded from the additional voluntary contributions of non-Article 5 countries.</i>						
Total for Cambodia			\$150,000	\$10,500	\$160,500	
CAMEROON						
SEVERAL						
Technical assistance/support						
Enabling activities for HFC phase-down	UNIDO		\$150,000	\$10,500	\$160,500	
<i>Funded from the additional voluntary contributions of non-Article 5 countries.</i>						
Total for Cameroon			\$150,000	\$10,500	\$160,500	

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Project Title	Agency	Metric (tonnes)	Funds approved (US\$)			C.E. (US\$/kg)
			Project	Support	Total	
CHILE						
SEVERAL						
Technical assistance/support						
Enabling activities for HFC phase-down <i>Funded from the additional voluntary contributions of non-Article 5 countries.</i>	UNEP		\$31,000	\$2,170	\$33,170	
Enabling activities for HFC phase-down <i>Funded from the additional voluntary contributions of non-Article 5 countries.</i>	UNDP		\$33,000	\$2,310	\$35,310	
Enabling activities for HFC phase-down <i>Funded from the additional voluntary contributions of non-Article 5 countries.</i>	UNIDO		\$86,000	\$6,020	\$92,020	
Total for Chile			\$150,000	\$10,500	\$160,500	
CHINA						
FOAM						
Preparation of project proposal						
Project preparation for conversion from HFC-245fa to cyclopentane plus HFOs (C5+HFO) as a foam agent in a refrigerator manufacturer <i>Funded from the additional voluntary contributions of non-Article 5 countries. Approved on the understanding that the approval of project preparation did not denote approval of the project proposal or its level of funding when submitted for consideration by the Executive Committee.</i>	UNDP		\$30,000	\$2,100	\$32,100	
PRODUCTION						
Preparation of project proposal						
Project preparation for a demonstration project to convert HFC-23 by-product to valuable organic halides by reaction with hydrogen and carbon dioxide for Liaocheng Fuer New Material Technology Ltd. <i>Funded from the additional voluntary contributions of non-Article 5 countries.</i>	UNDP		\$30,000	\$2,100	\$32,100	
SEVERAL						
Technical assistance/support						
Enabling activities for HFC phase-down <i>Funded from the additional voluntary contributions of non-Article 5 countries.</i>	UNEP		\$85,000	\$5,950	\$90,950	
Enabling activities for HFC phase-down <i>Funded from the additional voluntary contributions of non-Article 5 countries.</i>	UNDP		\$165,000	\$11,550	\$176,550	
Total for China			\$310,000	\$21,700	\$331,700	

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Project Title	Agency	Metric (tonnes)	Funds approved (US\$)			C.E. (US\$/kg)
			Project	Support	Total	
COLOMBIA						
SEVERAL						
Technical assistance/support						
Enabling activities for HFC phase-down	UNDP		\$250,000	\$17,500	\$267,500	
<i>Funded from the additional voluntary contributions of non-Article 5 countries.</i>						
Total for Colombia			\$250,000	\$17,500	\$267,500	
CONGO						
SEVERAL						
Technical assistance/support						
Enabling activities for HFC phase-down	UNIDO		\$150,000	\$10,500	\$160,500	
<i>Funded from the additional voluntary contributions of non-Article 5 countries.</i>						
Total for Congo			\$150,000	\$10,500	\$160,500	
COSTA RICA						
SEVERAL						
Technical assistance/support						
Enabling activities for HFC phase-down	UNDP		\$150,000	\$10,500	\$160,500	
<i>Funded from the additional voluntary contributions of non-Article 5 countries.</i>						
Total for Costa Rica			\$150,000	\$10,500	\$160,500	
DOMINICA						
SEVERAL						
Technical assistance/support						
Enabling activities for HFC phase-down	UNEP		\$50,000	\$3,500	\$53,500	
<i>Funded from the additional voluntary contributions of non-Article 5 countries.</i>						
Total for Dominica			\$50,000	\$3,500	\$53,500	
DOMINICAN REPUBLIC						
REFRIGERATION						
Preparation of project proposal						
Project preparation for conversion from HFC-134a to HC-290 in the manufacture of commercial refrigerators at Farco	UNDP		\$30,000	\$2,100	\$32,100	
<i>Funded from the additional voluntary contributions of non-Article 5 countries. Approved on the understanding that the approval of project preparation did not denote approval of the project proposal or its level of funding when submitted for consideration by the Executive Committee.</i>						

List of projects approved for fast-start implementation of HFC phase-down

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Project Title	Agency	Metric (tonnes)	Funds approved (US\$)			C.E. (US\$/kg)
			Project	Support	Total	
SEVERAL						
Technical assistance/support						
Enabling activities for HFC phase-down	UNEP		\$150,000	\$10,500	\$160,500	
<i>Funded from the additional voluntary contributions of non-Article 5 countries.</i>						
Total for Dominican Republic			\$180,000	\$12,600	\$192,600	
ECUADOR						
REFRIGERATION						
Preparation of project proposal						
Project preparation for the phase-out of HFC-134a and R404a in the manufacturing sector at Ecasa	UNIDO		\$30,000	\$2,100	\$32,100	
<i>Funded from the additional voluntary contributions of non-Article 5 countries. Approved on the understanding that the approval of project preparation did not denote approval of the project proposal or its level of funding when submitted for consideration by the Executive Committee.</i>						
SEVERAL						
Technical assistance/support						
Enabling activities for HFC phase-down	UNEP		\$150,000	\$10,500	\$160,500	
<i>Funded from the additional voluntary contributions of non-Article 5 countries.</i>						
Total for Ecuador			\$180,000	\$12,600	\$192,600	
EGYPT						
FOAM						
Preparation of project proposal						
Project preparation for conversion from HFC-134a to HFO-1234ze and other liquid HFOs in the manufacture of polyurethane foam and spray foam	UNDP		\$30,000	\$2,100	\$32,100	
<i>Funded from the additional voluntary contributions of non-Article 5 countries. Approved on the understanding that the approval of project preparation did not denote approval of the project proposal or its level of funding when submitted for consideration by the Executive Committee.</i>						
Total for Egypt			\$30,000	\$2,100	\$32,100	
ERITREA						
SEVERAL						
Technical assistance/support						
Enabling activities for HFC phase-down	UNEP		\$95,000	\$6,650	\$101,650	
<i>Funded from the additional voluntary contributions of non-Article 5 countries.</i>						
Total for Eritrea			\$95,000	\$6,650	\$101,650	

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Project Title	Agency	Metric (tonnes)	Funds approved (US\$)			C.E. (US\$/kg)
			Project	Support	Total	
FIJI						
SEVERAL						
Technical assistance/support						
Enabling activities for HFC phase-down	UNDP		\$150,000	\$10,500	\$160,500	
<i>Funded from the additional voluntary contributions of non-Article 5 countries.</i>						
Total for Fiji			\$150,000	\$10,500	\$160,500	
GABON						
SEVERAL						
Technical assistance/support						
Enabling activities for HFC phase-down	UNEP		\$150,000	\$10,500	\$160,500	
<i>Funded from the additional voluntary contributions of non-Article 5 countries.</i>						
Total for Gabon			\$150,000	\$10,500	\$160,500	
GAMBIA						
SEVERAL						
Technical assistance/support						
Enabling activities for HFC phase-down	UNIDO		\$95,000	\$6,650	\$101,650	
<i>Funded from the additional voluntary contributions of non-Article 5 countries.</i>						
Total for Gambia			\$95,000	\$6,650	\$101,650	
GHANA						
SEVERAL						
Technical assistance/support						
Enabling activities for HFC phase-down	UNEP		\$150,000	\$10,500	\$160,500	
<i>Funded from the additional voluntary contributions of non-Article 5 countries.</i>						
Total for Ghana			\$150,000	\$10,500	\$160,500	
GUATEMALA						
SEVERAL						
Technical assistance/support						
Enabling activities for HFC phase-down	UNEP		\$150,000	\$10,500	\$160,500	
<i>Funded from the additional voluntary contributions of non-Article 5 countries.</i>						
Total for Guatemala			\$150,000	\$10,500	\$160,500	

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Project Title	Agency	Metric (tonnes)	Funds approved (US\$)			C.E. (US\$/kg)
			Project	Support	Total	
JAMAICA						
SEVERAL						
Technical assistance/support						
Enabling activities for HFC phase-down <i>Funded from the additional voluntary contributions of non-Article 5 countries.</i>	UNDP		\$150,000	\$10,500	\$160,500	
Total for Jamaica			\$150,000	\$10,500	\$160,500	
KYRGYZSTAN						
SEVERAL						
Technical assistance/support						
Enabling activities for HFC phase-down <i>Funded from the additional voluntary contributions of non-Article 5 countries.</i>	UNEP		\$95,000	\$6,650	\$101,650	
Total for Kyrgyzstan			\$95,000	\$6,650	\$101,650	
LEBANON						
REFRIGERATION						
Preparation of project proposal						
Project preparation for HFC-related projects in the manufacturing sector at Lematic Industries to gain experience in ICCs and IOCs associated with the phase-down of HFCs in domestic refrigeration <i>Funded from the additional voluntary contributions of non-Article 5 countries. Approved on the understanding that the approval of project preparation did not denote approval of the project proposal or its level of funding when submitted for consideration by the Executive Committee.</i>	UNIDO		\$30,000	\$2,100	\$32,100	
SEVERAL						
Technical assistance/support						
Enabling activities for HFC phase-down <i>Funded from the additional voluntary contributions of non-Article 5 countries.</i>	UNDP		\$150,000	\$10,500	\$160,500	
Total for Lebanon			\$180,000	\$12,600	\$192,600	
LESOTHO						
SEVERAL						
Technical assistance/support						
Enabling activities for HFC phase-down <i>Funded from the additional voluntary contributions of non-Article 5 countries.</i>	UNEP		\$55,000	\$3,850	\$58,850	
Enabling activities for HFC phase-down <i>Funded from the additional voluntary contributions of non-Article 5 countries.</i>	Italy		\$40,000	\$2,800	\$42,800	

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Project Title	Agency	Metric (tonnes)	Funds approved (US\$)			C.E. (US\$/kg)
			Project	Support	Total	
Total for Lesotho			\$95,000	\$6,650	\$101,650	
LIBERIA						
SEVERAL						
Technical assistance/support						
Enabling activities for HFC phase-down	Germany		\$95,000	\$6,650	\$101,650	
<i>Funded from the additional voluntary contributions of non-Article 5 countries.</i>						
Total for Liberia			\$95,000	\$6,650	\$101,650	
MACEDONIA, FYR						
SEVERAL						
Technical assistance/support						
Enabling activities for HFC phase-down	UNIDO		\$95,000	\$6,650	\$101,650	
<i>Funded from the additional voluntary contributions of non-Article 5 countries.</i>						
Total for Macedonia, FYR			\$95,000	\$6,650	\$101,650	
MALAYSIA						
SEVERAL						
Technical assistance/support						
Enabling activities for HFC phase-down	IBRD		\$250,000	\$17,500	\$267,500	
<i>Funded from the additional voluntary contributions of non-Article 5 countries.</i>						
Total for Malaysia			\$250,000	\$17,500	\$267,500	
MALDIVES						
SEVERAL						
Technical assistance/support						
Enabling activities for HFC phase-down	UNEP		\$55,000	\$3,850	\$58,850	
<i>Funded from the additional voluntary contributions of non-Article 5 countries.</i>						
Enabling activities for HFC phase-down	Italy		\$40,000	\$2,800	\$42,800	
<i>Funded from the additional voluntary contributions of non-Article 5 countries.</i>						
Total for Maldives			\$95,000	\$6,650	\$101,650	

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Project Title	Agency	Metric (tonnes)	Funds approved (US\$)			C.E. (US\$/kg)
			Project	Support	Total	
MEXICO						
REFRIGERATION						
Preparation of project proposal						
Project preparation for HFC-related projects in the manufacturing sector at Imbera enterprise to gain experience in ICCs and IOCs associated with the phase-down of HFCs	UNIDO		\$30,000	\$2,100	\$32,100	
<i>Funded from the additional voluntary contributions of non-Article 5 countries. Approved on the understanding that the approval of project preparation did not denote approval of the project proposal or its level of funding when submitted for consideration by the Executive Committee.</i>						
SEVERAL						
Technical assistance/support						
Enabling activities for HFC phase-down	UNEP		\$30,000	\$2,100	\$32,100	
<i>Funded from the additional voluntary contributions of non-Article 5 countries.</i>						
Enabling activities for HFC phase-down	UNIDO		\$220,000	\$15,400	\$235,400	
<i>Funded from the additional voluntary contributions of non-Article 5 countries.</i>						
Total for Mexico			\$280,000	\$19,600	\$299,600	
MONGOLIA						
SEVERAL						
Technical assistance/support						
Enabling activities for HFC phase-down	UNEP		\$95,000	\$6,650	\$101,650	
<i>Funded from the additional voluntary contributions of non-Article 5 countries.</i>						
Total for Mongolia			\$95,000	\$6,650	\$101,650	
MONTENEGRO						
SEVERAL						
Technical assistance/support						
Enabling activities for HFC phase-down	UNIDO		\$50,000	\$3,500	\$53,500	
<i>Funded from the additional voluntary contributions of non-Article 5 countries.</i>						
Total for Montenegro			\$50,000	\$3,500	\$53,500	
NAMIBIA						
SEVERAL						
Technical assistance/support						
Enabling activities for HFC phase-down	UNEP		\$150,000	\$10,500	\$160,500	
<i>Funded from the additional voluntary contributions of non-Article 5 countries.</i>						

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Project Title	Agency	Metric (tonnes)	Funds approved (US\$)			C.E. (US\$/kg)
			Project	Support	Total	
Total for Namibia			\$150,000	\$10,500	\$160,500	
NIGERIA						
SEVERAL						
Technical assistance/support						
Enabling activities for HFC phase-down	UNEP		\$250,000	\$17,500	\$267,500	
<i>Funded from the additional voluntary contributions of non-Article 5 countries.</i>						
Total for Nigeria			\$250,000	\$17,500	\$267,500	
PALAU						
SEVERAL						
Technical assistance/support						
Enabling activities for HFC phase-down	UNEP		\$50,000	\$3,500	\$53,500	
<i>Funded from the additional voluntary contributions of non-Article 5 countries.</i>						
Total for Palau			\$50,000	\$3,500	\$53,500	
PAPUA NEW GUINEA						
SEVERAL						
Technical assistance/support						
Enabling activities for HFC phase-down	Germany		\$95,000	\$6,650	\$101,650	
<i>Funded from the additional voluntary contributions of non-Article 5 countries.</i>						
Total for Papua New Guinea			\$95,000	\$6,650	\$101,650	
PERU						
SEVERAL						
Technical assistance/support						
Enabling activities for HFC phase-down	UNDP		\$150,000	\$10,500	\$160,500	
<i>Funded from the additional voluntary contributions of non-Article 5 countries.</i>						
Total for Peru			\$150,000	\$10,500	\$160,500	
PHILIPPINES						
SEVERAL						
Technical assistance/support						
Enabling activities for HFC phase-down	IBRD		\$250,000	\$17,500	\$267,500	
<i>Funded from the additional voluntary contributions of non-Article 5 countries.</i>						
Total for Philippines			\$250,000	\$17,500	\$267,500	

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Project Title	Agency	Metric (tonnes)	Funds approved (US\$)			C.E. (US\$/kg)
			Project	Support	Total	
RWANDA						
SEVERAL						
Technical assistance/support						
Enabling activities for HFC phase-down <i>Funded from the additional voluntary contributions of non-Article 5 countries.</i>	UNEP		\$55,000	\$3,850	\$58,850	
Enabling activities for HFC phase-down <i>Funded from the additional voluntary contributions of non-Article 5 countries.</i>	Italy		\$40,000	\$2,800	\$42,800	
	Total for Rwanda		\$95,000	\$6,650	\$101,650	
SAINT LUCIA						
SEVERAL						
Technical assistance/support						
Enabling activities for HFC phase-down <i>Funded from the additional voluntary contributions of non-Article 5 countries.</i>	UNEP		\$95,000	\$6,650	\$101,650	
	Total for Saint Lucia		\$95,000	\$6,650	\$101,650	
SAINT VINCENT AND THE GRENADINES						
SEVERAL						
Technical assistance/support						
Enabling activities for HFC phase-down <i>Funded from the additional voluntary contributions of non-Article 5 countries.</i>	UNEP		\$50,000	\$3,500	\$53,500	
	Total for Saint Vincent and the Grenadines		\$50,000	\$3,500	\$53,500	
SENEGAL						
SEVERAL						
Technical assistance/support						
Enabling activities for HFC phase-down <i>Funded from the additional voluntary contributions of non-Article 5 countries.</i>	UNEP		\$150,000	\$10,500	\$160,500	
	Total for Senegal		\$150,000	\$10,500	\$160,500	
SERBIA						
SEVERAL						
Technical assistance/support						
Enabling activities for HFC phase-down <i>Funded from the additional voluntary contributions of non-Article 5 countries.</i>	UNIDO		\$150,000	\$10,500	\$160,500	
	Total for Serbia		\$150,000	\$10,500	\$160,500	

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Project Title	Agency	Metric (tonnes)	Funds approved (US\$)			C.E. (US\$/kg)
			Project	Support	Total	
SEYCHELLES						
SEVERAL						
Technical assistance/support						
Enabling activities for HFC phase-down <i>Funded from the additional voluntary contributions of non-Article 5 countries.</i>	Germany		\$95,000	\$6,650	\$101,650	
Total for Seychelles			\$95,000	\$6,650	\$101,650	
SOMALIA						
SEVERAL						
Technical assistance/support						
Enabling activities for HFC phase-down <i>Funded from the additional voluntary contributions of non-Article 5 countries.</i>	UNIDO		\$150,000	\$10,500	\$160,500	
Total for Somalia			\$150,000	\$10,500	\$160,500	
SUDAN						
SEVERAL						
Technical assistance/support						
Enabling activities for HFC phase-down <i>Funded from the additional voluntary contributions of non-Article 5 countries.</i>	UNIDO		\$75,000	\$5,250	\$80,250	
Enabling activities for HFC phase-down <i>Funded from the additional voluntary contributions of non-Article 5 countries.</i>	UNEP		\$75,000	\$5,250	\$80,250	
Total for Sudan			\$150,000	\$10,500	\$160,500	
SURINAME						
SEVERAL						
Technical assistance/support						
Enabling activities for HFC phase-down <i>Funded from the additional voluntary contributions of non-Article 5 countries.</i>	UNEP		\$95,000	\$6,650	\$101,650	
Total for Suriname			\$95,000	\$6,650	\$101,650	

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Project Title	Agency	Metric (tonnes)	Funds approved (US\$)			C.E. (US\$/kg)
			Project	Support	Total	
THAILAND						
REFRIGERATION						
Preparation of project proposal						
Project preparation for conversion from HFC to HFO-based or other low-GWP alternatives in the production of commercial refrigeration equipment at Pattana Intercool	IBRD		\$30,000	\$2,100	\$32,100	
<i>Funded from the additional voluntary contributions of non-Article 5 countries. Approved on the understanding that the approval of project preparation did not denote approval of the project proposal or its level of funding when submitted for consideration by the Executive Committee.</i>						
SEVERAL						
Technical assistance/support						
Enabling activities for HFC phase-down	IBRD		\$250,000	\$17,500	\$267,500	
<i>Funded from the additional voluntary contributions of non-Article 5 countries.</i>						
Total for Thailand			\$280,000	\$19,600	\$299,600	
TOGO						
SEVERAL						
Technical assistance/support						
Enabling activities for HFC phase-down	UNEP		\$150,000	\$10,500	\$160,500	
<i>Funded from the additional voluntary contributions of non-Article 5 countries.</i>						
Total for Togo			\$150,000	\$10,500	\$160,500	
TONGA						
SEVERAL						
Technical assistance/support						
Enabling activities for HFC phase-down	UNEP		\$50,000	\$3,500	\$53,500	
<i>Funded from the additional voluntary contributions of non-Article 5 countries.</i>						
Total for Tonga			\$50,000	\$3,500	\$53,500	
TRINIDAD AND TOBAGO						
SEVERAL						
Technical assistance/support						
Enabling activities for HFC phase-down	UNDP		\$150,000	\$10,500	\$160,500	
<i>Funded from the additional voluntary contributions of non-Article 5 countries.</i>						
Total for Trinidad and Tobago			\$150,000	\$10,500	\$160,500	

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Project Title	Agency	Metric (tonnes)	Funds approved (US\$)			C.E. (US\$/kg)
			Project	Support	Total	
TUNISIA						
SEVERAL						
Technical assistance/support						
Enabling activities for HFC phase-down <i>Funded from the additional voluntary contributions of non-Article 5 countries.</i>	Italy		\$75,000	\$5,250	\$80,250	
Enabling activities for HFC phase-down <i>Funded from the additional voluntary contributions of non-Article 5 countries.</i>	UNIDO		\$75,000	\$5,250	\$80,250	
Total for Tunisia			\$150,000	\$10,500	\$160,500	
TURKEY						
SEVERAL						
Technical assistance/support						
Enabling activities for HFC phase-down <i>Funded from the additional voluntary contributions of non-Article 5 countries.</i>	UNIDO		\$250,000	\$17,500	\$267,500	
Total for Turkey			\$250,000	\$17,500	\$267,500	
TURKMENISTAN						
SEVERAL						
Technical assistance/support						
Enabling activities for HFC phase-down <i>Funded from the additional voluntary contributions of non-Article 5 countries.</i>	UNEP		\$150,000	\$10,500	\$160,500	
Total for Turkmenistan			\$150,000	\$10,500	\$160,500	
URUGUAY						
SEVERAL						
Technical assistance/support						
Enabling activities for HFC phase-down <i>Funded from the additional voluntary contributions of non-Article 5 countries.</i>	UNIDO		\$50,000	\$3,500	\$53,500	
Enabling activities for HFC phase-down <i>Funded from the additional voluntary contributions of non-Article 5 countries.</i>	UNDP		\$100,000	\$7,000	\$107,000	
Total for Uruguay			\$150,000	\$10,500	\$160,500	

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Project Title	Agency	Metric (tonnes)	Funds approved (US\$)			C.E. (US\$/kg)
			Project	Support	Total	
VIETNAM						
SEVERAL						
Technical assistance/support						
Enabling activities for HFC phase-down	UNIDO		\$250,000	\$17,500	\$267,500	
<i>Funded from the additional voluntary contributions of non-Article 5 countries.</i>						
Total for Vietnam			\$250,000	\$17,500	\$267,500	
ZAMBIA						
SEVERAL						
Technical assistance/support						
Enabling activities for HFC phase-down	UNEP		\$95,000	\$6,650	\$101,650	
<i>Funded from the additional voluntary contributions of non-Article 5 countries.</i>						
Total for Zambia			\$95,000	\$6,650	\$101,650	
ZIMBABWE						
REFRIGERATION						
Preparation of project proposal						
Project preparation for elimination of HFC-134a in the manufacture of domestic refrigerators at Capri	UNDP		\$30,000	\$2,100	\$32,100	
<i>Funded from the additional voluntary contributions of non-Article 5 countries. Approved on the understanding that the approval of project preparation did not denote approval of the project proposal or its level of funding when submitted for consideration by the Executive Committee.</i>						
SEVERAL						
Technical assistance/support						
Enabling activities for HFC phase-down	UNEP		\$150,000	\$10,500	\$160,500	
<i>Funded from the additional voluntary contributions of non-Article 5 countries.</i>						
Total for Zimbabwe			\$180,000	\$12,600	\$192,600	
GRAND TOTAL		230.6	\$11,671,610	\$817,013	\$12,488,623	

Summary

UNEP/OzL.Pro/ExCom/80/59
Annex XII

Sector	Tonnes (Metric)	Funds approved (US\$)		
		Project	Support	Total
BILATERAL COOPERATION				
Several		\$480,000	\$33,600	\$513,600
TOTAL:		\$480,000	\$33,600	\$513,600
INVESTMENT PROJECT				
Refrigeration	230.6	\$3,131,610	\$219,213	\$3,350,823
TOTAL:	230.6	\$3,131,610	\$219,213	\$3,350,823
WORK PROGRAMME AMENDMENT				
Foam		\$60,000	\$4,200	\$64,200
Production		\$30,000	\$2,100	\$32,100
Refrigeration		\$180,000	\$12,600	\$192,600
Several		\$7,790,000	\$545,300	\$8,335,300
TOTAL:		\$8,060,000	\$564,200	\$8,624,200
Summary by Parties and Implementing Agencies				
Germany		\$285,000	\$19,950	\$304,950
Italy		\$195,000	\$13,650	\$208,650
IBRD		\$780,000	\$54,600	\$834,600
UNDP	230.6	\$4,729,610	\$331,073	\$5,060,683
UNEP		\$3,256,000	\$227,920	\$3,483,920
UNIDO		\$2,426,000	\$169,820	\$2,595,820
GRAND TOTAL	230.6	\$11,671,610	\$817,013	\$12,488,623

Annex XIII

VIEWS EXPRESSED BY THE EXECUTIVE COMMITTEE ON RENEWAL OF INSTITUTIONAL STRENGTHENING PROJECTS SUBMITTED TO THE 80th MEETING

Afghanistan

1. The Executive Committee reviewed the report submitted with the request for the renewal of the institutional strengthening (IS) project for Afghanistan (phase VIII) and noted with appreciation that Afghanistan reported 2016 Article 7 data to the Ozone Secretariat indicating that the country is in compliance with Montreal Protocol. The Executive Committee acknowledged that Afghanistan has a structured licensing and quota system, and its stage I of the HCFC phase-out management plan (HPMP) has been implemented in an efficient and timely manner. The Executive Committee further noted that the country had improved co-ordination between relevant ministries, and carried out training of customs officers and extensive awareness-raising activities. The Executive Committee acknowledged the efforts of the Government of Afghanistan, and is therefore confident that Afghanistan will continue activities both at the policy and project levels to prepare the country to achieve the 35 per cent reduction in HCFC consumption required under the Montreal Protocol by 1 January 2020.

Albania

2. The Executive Committee reviewed the report presented with the request for the renewal of the IS project for for Albania (phase VIII) and noted with appreciation that Albania has been in compliance with its Article 7 data reporting and HCFC phase-out obligations under the Montreal Protocol, and that an operational ODS import/export licensing and HCFC quota system is in place. The Executive Committee noted that Albania submitted country programme implementation data for 2016 to the Fund Secretariat in a timely manner and that the country has successfully trained refrigeration technicians, provided additional training equipment to vocational schools, gained stakeholders support through steering committee and consultation meetings and raised public awareness on ozone protection. The Executive Committee is therefore confident that Albania will continue the implementation of stage I of the HPMP and IS project in a timely and effective manner in order to prepare the country to achieve the 35 per cent reduction in HCFC consumption required under the Montreal Protocol by 1 January 2020.

Angola

3. The Executive Committee reviewed the report presented with the request for the renewal of the IS project for Angola (phase VI) and noted with appreciation that Angola reported Article 7 data to the Ozone Secretariat, indicating that the country is in compliance with the Montreal Protocol. The Executive Committee noted that Angola had finalized implementation of stage I of the HPMP and started implementation of stage II and that several activities were completed including training for customs officers and refrigeration technicians, and 16 regional working groups to facilitate data collection and project implementation. The Executive Committee is hopeful that in the next two years, Angola will continue the implementation of HCFC phase-out activities to prepare the country to achieve the 35 per cent reduction in HCFC consumption required under the Montreal Protocol by 1 January 2020.

Benin

4. The Executive Committee reviewed the report presented with the request for the renewal of the IS project for Benin (phase X) and noted with appreciation that Benin reported 2016 data to the Ozone Secretariat indicating that the country is in compliance with Montreal Protocol and that the Government of Benin has taken steps towards the ratification of the Kigali Amendment. The Executive Committee further noted that Benin implemented ODS imports controls through a licensing and quota system, and trained

customs officers and refrigeration technicians. The Executive Committee appreciates the efforts of Benin to reduce HCFC consumption, and is therefore hopeful that in the next two years, Benin will continue the implementation of the HPMP and IS project in order to prepare the country to achieve the 35 per cent reduction in HCFC consumption required under the Montreal Protocol by 1 January 2020.

Bolivia (Plurinational State of)

5. The Executive Committee reviewed the report presented with the request for the renewal of the IS project for the Plurinational State of Bolivia (phase X) and noted with appreciation that the country reported Article 7 data to the Ozone Secretariat and country programme implementation data to the Fund Secretariat, indicating that the country is in compliance with the Montreal Protocol and the HCFC phase-out schedule. The Executive Committee is confident that the country will continue activities both at the policy and project levels, to enable the country to achieve the 35 per cent reduction in HCFC consumption required under the Montreal Protocol by 1 January 2020.

Bosnia and Herzegovina

6. The Executive Committee reviewed the report submitted with the request for the institutional strengthening (IS) project for Bosnia and Herzegovina (phase VI) and noted with appreciation that the country reported 2016 country programme implementation data to the Fund Secretariat and 2016 Article 7 data to the Ozone Secretariat indicating that the country is compliance with the Montreal Protocol. The Executive Committee acknowledged with appreciation that Bosnia and Herzegovina eliminated the consumption of HCFC-141b by 1 January 2016 and that within the framework of the IS project, the country has strengthened the capacity of the national ozone unit (NOU) to control HCFCs. The Executive Committee is pleased that the Government of Bosnia and Herzegovina is committed, through its NOU, to ratify the Kigali Amendment to the Montreal Protocol and that the ratification process is included in the work plan of Council of Ministers for the year 2017.

Cameroon

7. The Executive Committee reviewed the report presented with the request for the renewal of the IS project for Cameroon (phase XI) and noted with appreciation that Cameroon reported 2016 data to the Ozone Secretariat indicating that the country is in compliance with Montreal Protocol. The Executive Committee further noted that Cameroon implemented ODS imports controls through a licensing and quota system, and trained customs officers and refrigeration technicians. The Executive Committee appreciates the efforts of Cameroon to reduce the consumption of HCFCs, and is therefore hopeful that, in the next two years, Cameroon will continue the implementation of its HPMP and IS project in order to prepare the country to achieve the 35 per cent reduction in HCFC consumption required under the Montreal Protocol by 1 January 2020.

Chad

8. The Executive Committee reviewed the report presented with the request for the renewal of the IS project for Chad (phase VIII) and noted with appreciation that Chad reported 2016 data to the Ozone Secretariat indicating that the country is in compliance with Montreal Protocol. The Executive Committee further noted that Chad implemented ODS imports controls through a licensing and quota system, and trained customs officers and refrigeration technicians. The Executive Committee appreciates the efforts of Chad to reduce HCFC consumption and is therefore hopeful that, in the next two years, Chad will continue with the implementation of its HPMP and IS project in order to prepare the country to achieve the 35 per cent reduction in HCFC consumption required under the Montreal Protocol by 1 January 2020.

Comoros

9. The Executive Committee reviewed the report presented with the request for the renewal of the IS project for Comoros (phase X) and noted with appreciation that Comoros reported 2016 data to the Ozone Secretariat indicating that the country is in compliance with Montreal Protocol. The Executive Committee further noted that Comoros implemented ODS imports controls through a licensing and quota system, trained customs officers and refrigeration technicians, and implemented information outreach activities. The Executive Committee appreciates the efforts of Comoros to reduce HCFC consumption and is therefore hopeful that, in the next two years, Comoros will continue with the implementation of its HPMP and IS project to prepare the country to achieve the 35 per cent reduction in HCFC consumption required under the Montreal Protocol by 1 January 2020.

Costa Rica

10. The Executive Committee reviewed the report submitted with the request for the IS project for Costa Rica (phase XII) and noted with appreciation that the country had reported 2015 and 2016 data to the Ozone Secretariat indicating that Costa Rica is in compliance with the Montreal Protocol, and had also reported country programme implementation data to the Fund Secretariat in advance of the 1 May deadline. The Committee further noted with appreciation that Costa Rica undertook preparatory activities to facilitate the implementation of the Kigali Amendment including the early establishment of a licensing system for HFCs. The Executive Committee acknowledged the efforts of the Government of Costa Rica to implement its Montreal Protocol activities and is therefore hopeful that, within the next two years, the Government will continue implementation of stage II of the HPMP and IS project with success in order to achieve the 35 per cent reduction in HCFC consumption required under the Montreal Protocol by 1 January 2020.

Guinea

11. The Executive Committee reviewed the report presented with the request for the renewal of the IS project for Guinea (phase X) and noted with appreciation that Guinea reported 2016 data to the Ozone Secretariat indicating that the country is in compliance with Montreal Protocol. The Executive Committee further noted that Guinea implemented ODS imports controls through a licensing and quota system, and trained customs officers and refrigeration technicians. The Executive Committee appreciates the efforts of Guinea to reduce the consumption of HCFCs is hopeful that in the next two years, the Government of Guinea will facilitate the submission of the third tranche of stage I of the HPMP, and continue the implementation of the HPMP and IS in order to prepare the country to achieve the 35 per cent reduction in HCFC consumption required under the Montreal Protocol by 1 January 2020.

Indonesia

12. The Executive Committee reviewed the report presented with the request for the IS project for Indonesia (phase XI) and noted with appreciation the efforts of the Government to monitor and control ODS phase-out through various policy and regulatory activities along with awareness raising activities. The Executive Committee also noted the Government's coordination with national agencies and stakeholders in managing and monitoring of the implementation of the HPMP. The Executive Committee is hopeful that in phase XI of the IS project the Government of Indonesia will continue the implementation of stage II of the HPMP and IS project with success to prepare the country to achieve compliance with the 35 per cent reduction in HCFC consumption required under the Montreal Protocol by 1 January 2020, and will initiate activities to assist the country to ratify the Kigali Amendment.

Kenya

13. The Executive Committee reviewed the report presented with the request for the renewal of the IS project for Kenya (phase XI) and noted with appreciation that the Government of Kenya reported 2016 Article 7 data to the Ozone Secretariat indicating the country is in compliance with the Montreal Protocol. The Executive Committee further noted that Kenya implemented ODS import controls through a licensing and quota system, and trained customs officers and refrigeration and air-conditioning technicians. The Executive Committee acknowledges that the Government plans to review ODS regulations in 2018; ban the import of HCFC-based equipment in January 2021, and to ratify the Kigali Amendment. The Executive Committee noted with appreciation Kenya's efforts to reduce HCFC consumption, and is therefore hopeful that in the next two years, the country will complete the implementation of stage I of the HPMP, initiate stage II of the HPMP, and will continue the IS project to prepare the country to achieve the 35 per cent reduction in HCFC consumption required under the Montreal Protocol by 1 January 2020.

Liberia

14. The Executive Committee reviewed the report presented with the request for the renewal of the IS project for Liberia (phase VI) and noted with appreciation that Liberia reported 2016 Article 7 data indicating that the country was in compliance with the Montreal Protocol. The Executive Committee further noted that Liberia implemented HCFC import controls through the licensing and quota system, and trained customs officers and refrigeration technicians. The Executive Committee acknowledged the efforts of the Government of Liberia and is therefore hopeful that, in the next two years, Liberia will continue implementation of stage I of the HPMP and IS project to prepare the country to achieve the 35 per cent reduction in HCFC consumption required under the Montreal Protocol by 1 January 2020.

Malaysia

15. The Executive Committee reviewed the report presented with the request for the IS project for Malaysia (phase XII) and noted with appreciation that Malaysia had submitted 2016 Article 7 data indicating that the country was in compliance with the Montreal Protocol. The Executive Committee further noted that the Government of Malaysia has taken effective steps to phase out ODS consumption including implementation of HCFC import control through the licensing and quota system, HCFC phase-out in the foam sector, and awareness and training of stakeholders as part of stage I of the HPMP, initiation of activities of stage II. The Executive Committee acknowledged the efforts of the Government of Malaysia and is therefore hopeful that, within the next two years, that the Government will continue implementation of stage II of the HPMP and IS project activities with success.

Marshall Islands (the)

16. The Executive Committee reviewed the report presented with the request for the renewal of the IS project for the Marshall Islands (phase VI) and noted with appreciation that the country reported Article 7 data indicating that the country is in compliance with the Montreal Protocol. The Executive Committee further noted that the Marshall Islands strengthened the institutional arrangements for the National Ozone Unit; improved and enforced the licensing system, and involved the refrigeration servicing sectors and other key stakeholders in the HCFC phase-out strategy. The Executive Committee commended the Government of the Marshall Islands for the deposit of its instrument of ratification of the Kigali Amendment to the Montreal Protocol on 15 May 2017. The Executive Committee acknowledged the efforts of the Government and is therefore hopeful that, in the next two years, the country will continue the implementation of the HPMP and IS project to prepare the country to achieve the 35 per cent reduction in HCFC consumption required under the Montreal Protocol by 1 January 2020.

Niger

17. The Executive Committee reviewed the report presented with the request for the renewal of the IS project for Niger (phase XI) and noted with appreciation that Niger reported 2016 data to the Ozone Secretariat indicating that the country is in compliance with Montreal Protocol. The Executive Committee further noted that Niger implemented ODS imports controls through a licensing and quota system, and trained customs officers and refrigeration technicians. The Executive Committee appreciates the efforts of Niger to reduce the consumption of HCFCs and is therefore hopeful that in the next two years, Niger will facilitate the submission of the second tranche of stage I of the HPMP and continue the implementation of the HPMP and IS project to prepare the country to achieve the 35 per cent reduction in HCFC consumption required under the Montreal Protocol by 1 January 2020.

Palau

18. The Executive Committee reviewed the report presented with the request for the renewal of the IS project for Palau (phase VII) and noted with appreciation that Palau reported 2016 Article 7 data indicating that the country is in compliance with the Montreal Protocol. The Executive Committee commended the Government of Palau for the deposit of its instrument of ratification of the Kigali Amendment to the Montreal Protocol on 29 August 2017 and further noted that Palau improved and enforced the licensing system and legislative controls on the import of HCFC-based equipment. The Executive Committee acknowledged the efforts of Palau and is therefore hopeful that in the next two years, the country will continue the implementation of the HPMP and IS project to prepare the country to achieve the 35 per cent reduction in HCFC consumption required under the Montreal Protocol by 1 January 2020.

Panama

19. The Executive Committee reviewed the report submitted with the request for the IS project for Panama (phase VIII) and noted with appreciation that the Government of Panama reported Article 7 data indicating that the country is in compliance with the Montreal Protocol and that the country reported country programme implementation data to the Fund Secretariat in advance of the prescribed deadline. The Executive Committee further noted that Panama has taken steps to phase out ODS consumption, in particular, implementation of HCFC imports controls through the licensing and quota system, and training of customs officers and refrigeration technicians. The Executive Committee also noted with appreciation the preparatory activities to facilitate the implementation of the Kigali Amendment. The Executive Committee acknowledged the efforts of the Government of Panama and is therefore hopeful that, within the next two years, the Government will continue implementation of stage II of the HPMP and IS project activities with success in order to achieve the 35 per cent reduction in HCFC consumption required under the Montreal Protocol by 1 January 2020.

Peru

20. The Executive Committee reviewed the report presented with the request for the renewal of the IS project for Peru (phase V) and noted with appreciation that the country reported Article 7 data to the Ozone Secretariat and country programme implementation data to the Fund Secretariat indicating that the country is in compliance with the Montreal Protocol. The Executive Committee also noted the strengthening of the institutional structure for the implementation of the Montreal Protocol in Peru. The Executive Committee is confident that the country will continue activities both at the policy and project levels, to prepare the country to achieve the 35 per cent reduction in HCFC consumption required under the Montreal Protocol by 1 January 2020.

Rwanda

21. The Executive Committee reviewed the report presented with the request for the renewal of the IS project for Rwanda (phase VII) and noted with appreciation that Rwanda reported 2016 Article 7 data indicating that the country is in compliance with the Montreal Protocol. The Executive Committee further noted that Rwanda had enforced the licensing system, targeted actions on prevention of illegal trade and trained enforcement officers and service technicians. The Executive Committee commended the Government of Rwanda for the deposit of its instrument of ratification of the Kigali Amendment to the Montreal Protocol on 23 May 2017. The Executive Committee is hopeful that in the next two years, the country will continue the implementation of its HPMP and IS project to prepare the country to achieve the 35 per cent reduction in HCFC consumption required under the Montreal Protocol by 1 January 2020.

Saint Lucia

22. The Executive Committee reviewed the report presented with the request for the renewal of the IS project for Saint Lucia (phase X) and noted with appreciation that the country has reported 2016 country programme implementation data to the Fund Secretariat and 2016 Article 7 data to the Ozone Secretariat showing the country is on track with the HCFC phase-out schedule. The Executive Committee noted that the country has a well-structured and operational licensing and quota system and its HPMP is being implemented in an efficient and timely manner. The Executive Committee further noted with appreciation that the country has taken steps to initiate the ratification of the Kigali Amendment to the Montreal Protocol. The Executive Committee is therefore confident that the Government of Saint Lucia will continue activities both at the policy and project levels, to prepare the country to achieve the 35 per cent reduction in HCFC consumption required under the Montreal Protocol by 1 January 2020.

Saint Vincent and the Grenadines

23. The Executive Committee reviewed the report presented with the request for the renewal of the IS project for Saint Vincent and the Grenadines (phase VII) and noted with appreciation that the country has reported 2016 country programme implementation data to the Fund Secretariat and 2016 Article 7 data to the Ozone Secretariat. The Executive Committee acknowledged that the country is committed to the accelerated HCFC phase-out schedule, that it has a well-structured and operational licensing and quota system, and that its HPMP has been implemented in an efficient and timely manner. The Executive Committee further noted with appreciation that the country has taken steps to initiate the ratification of the Kigali Amendment to the Montreal Protocol. The Executive Committee is therefore confident that the Government will continue activities both at the policy and project levels, to prepare the country to achieve the 35 per cent reduction in HCFC consumption required under the Montreal Protocol by 1 January 2020.

Samoa

24. The Executive Committee reviewed the report presented with the request for the renewal of the IS project for Samoa (phase IX) and noted with appreciation that the country is taking the necessary steps to meet the Montreal Protocol control measures related to HCFCs. The Executive Committee commended the Government of Samoa for its effective licensing and quota system and coordination with the relevant stakeholders. The Executive Committee noted with appreciation the level of public awareness related to HCFC phase-out challenges and the national phase-out goals, the initial steps for the ratification of the Kigali Amendment, and the country's active participation in regional network and Montreal Protocol meetings. The Executive Committee noted the efforts to achieve the HCFC consumption reduction goals, and is therefore hopeful that the Government of Samoa will continue the implementation of IS and HCFC phase-out activities in order to prepare the country to achieve the 35 per cent reduction in HCFC consumption required under the Montreal Protocol by 1 January 2020.

Senegal

25. The Executive Committee reviewed the report presented with the request for the renewal of the IS project for Senegal (phase XII) and noted with appreciation that Senegal reported 2016 data to the Ozone Secretariat indicating that the country is in compliance with Montreal Protocol. The Executive Committee further noted that Senegal implemented ODS imports controls through a licensing and quota system and trained customs officers and refrigeration technicians. The Executive Committee acknowledged the efforts of Senegal to reduce the consumption of HCFCs and is therefore hopeful that in the next two years, Senegal will continue with the implementation of the HPMP and IS project to prepare the country to achieve the 35 per cent reduction in HCFC consumption required under the Montreal Protocol by 1 January 2020.

Serbia

26. The Executive Committee reviewed the report submitted with the request for the IS project for Serbia (phase VI) and noted with appreciation that Serbia is in compliance with the Montreal Protocol's phase-out targets and reporting obligations and has achieved the annual HCFCs consumption targets set in its HCFC phase-out management plan (HPMP) Agreement with the Executive Committee. The Executive Committee also noted that the NOU of Serbia continued its work during the restructuring process of the Ministry of Environment, and achieved greater visibility both nationally and internationally. The Executive Committee acknowledged that Serbia was an active a member of the Europe and Central Asia (ECA) regional network and played an important role in the technical information exchange in the region by hosting international refrigeration conferences and exhibitions on the annual basis. The Executive Committee is pleased that the Government of Serbia is committed, through its NOU, to take early actions towards the ratification of the Kigali Amendment.

Solomon Islands

27. The Executive Committee reviewed the report presented with the request for the renewal of the IS project for the Solomon Islands (phase VII) and noted with appreciation that the country is taking the necessary steps to meet the Montreal Protocol control measures related to HCFCs. The Executive Committee commended the Government of Solomon Islands for the implementation of stage I of the HPMP, and the regulations for the import of ODS and non-ODS refrigerants and equipment. The Executive Committee noted that customs officers training had resulted in the identification of two illegal imports of the reporting period. The Executive Committee is therefore hopeful that, the Government of Solomon Islands will continue the implementation of the HPMP and IS project to prepare the country to achieve the 35 per cent reduction in HCFC consumption required under the Montreal Protocol by 1 January 2020.

Tonga

28. The Executive Committee reviewed the report presented with the request for the renewal of the IS project for Tonga (phase VII) and noted with appreciation that the country reported 2016 Article 7 data to the Ozone Secretariat indicating that it was in compliance with the Montreal Protocol. The Executive Committee noted that Tonga had reduced its HCFC consumption well below the Montreal Protocol targets, and had done so through enforcement of its licensing and quota system, prevention of illegal trade, and capacity building of customs and enforcement officers and RAC technicians. The Executive Committee is confident that Tonga will continue the implementation of the IS project and the HPMP to prepare the country to achieve the 35 per cent reduction in HCFC consumption required under the Montreal Protocol by 1 January 2020.

Turkey

29. The Executive Committee reviewed the report submitted with the request for the IS project for Turkey (phase VIII) and noted with appreciation that Turkey is in compliance with its ODS data reporting obligations and achieved the HCFC consumption phase-out targets set in the HPMP Agreement with the Executive Committee. The Executive Committee noted the strengthening of the NOU with additional staff from the Ministry of Environment and Urbanization, and that the NOU has increased its visibility. The Executive Committee acknowledged that Turkey is an active member of the ECA regional ozone network and has played an important role in promoting HCFC alternatives for the refrigeration and air-conditioning sector in the region, and encouraged the NOU to continue its awareness campaigns on ODS alternatives. The Executive Committee acknowledged the efforts of the Government of Turkey, and is therefore hopeful that, within the next two years, Turkey will continue the implementation of its HPMP and IS project with success.

Uruguay

30. The Executive Committee reviewed the report presented with the request for the IS project for Uruguay (phase XII) and noted with appreciation that the country reported 2015 and 2016 data to the Ozone Secretariat indicating that the country is in compliance with the Montreal Protocol, and 2015 and 2016 country programme implementation data to the Fund Secretariat. The Executive Committee further noted that the Government of Uruguay is implementing HCFC imports controls through the licensing and quota system and establishing communication channels between the national ozone unit, customs authorities and other local authorities. The Committee noted with appreciation the initiation of stage II of the HPMP and the preparatory activities to facilitate the implementation of the Kigali Amendment. The Executive Committee acknowledged the efforts of the Government of Uruguay and is therefore hopeful that, within the next two years, the Government will continue implementation of stage II of the HPMP and IS project activities with success in order to achieve the 35 per cent reduction in HCFC consumption required under the Montreal Protocol by 1 January 2020.

Annex XIV

UNEP'S 2018 COMPLIANCE ASSISTANCE PROGRAMME (CAP) BUDGET

	Bud Ln	Component	Location			Approved CAP 2018 ExCom 80
10	PROJECT PERSONNEL COMPONENT					
		Title/Description		Grade	w/m	
	1101	Head of Branch	Paris	D1	12	261,000
	1102	Senior Environment Officer - Network & Policy	Paris	P5	12	256,000
	1103	Montreal Protocol Programme Officer - Capacity Building	Paris	P4	12	224,000
	1104	Montreal Protocol Information Manager	Paris	P4	12	224,000
	1105	Montreal Protocol - Project Operations	Paris	P4	12	224,000
	1106	Montreal Protocol Programme Officer - Policy & Tech Support	Paris	P4	12	224,000
	1107	Montreal Protocol Programme Officer - non ODS Help Desk	Paris	P3	12	187,000
	1108	Montreal Protocol Programme Officer - ECA / Paris	Paris / ECA	P3	12	187,000
	1111	ECA Montreal Protocol Regional Coordinator	Paris / ECA	P4	12	224,000
	1121	ROAP Montreal Protocol Regional Coordinator - SA	Bangkok	P5	12	216,000
	1122	ROAP Montreal Protocol Regional Coordinator - SEAP	Bangkok	P4	12	189,000
	1123	ROAP Montreal Protocol Coordinator - Transregional Capacity Building PICs	Bangkok	P4	12	189,000
	1124	ROAP Montreal Protocol Programme Officer (SEAP + PICs)	Bangkok	P3	12	153,000
	1125	ROAP Montreal Protocol Programme Officer - (SA)	Bangkok	P3	12	153,000
	1126	ROAP Montreal Protocol Programme Officer (SEAP + PICs)	Bangkok	P3	12	153,000
	1131	ROWA Montreal Protocol Regional Coordinator	Manama	P4	12	218,000
	1132	ROWA Montreal Protocol Coordinator International Partnerships	Manama	P5	12	230,000
	1133	ROWA Montreal Protocol Programme Officer	Manama	P3	12	210,000
	1142	ROA Montreal Protocol Regional Coordinator (Francophone)	Nairobi	P4	12	206,000
	1143	ROA Montreal Protocol Regional Coordinator (Anglophone)	Nairobi	P4	12	206,000
	1144	ROA Montreal Protocol Programme Officer (Anglophone)	Nairobi	P3	12	168,000
	1145	ROA Montreal Protocol Programme Officer (Francophone)	Nairobi	P3	12	168,000
	1146	ROA Montreal Protocol Programme Officer (Francophone)	Nairobi	P2	12	99,000
	1147	ROA Montreal Protocol Programme Officer (Anglophone)	Nairobi	P2	12	99,000
	1151	ROLAC Montreal Protocol Regional Coordinator (Latin America)	Panama	P4	12	190,000
	1152	ROLAC Montreal Protocol Regional Coordinator (Caribbean)	Panama	P4	12	190,000
	1153	ROLAC Montreal Protocol Programme Officer (Caribbean)	Panama	P3	12	162,000
	1154	ROLAC Montreal Protocol Programme Officer (Latin America)	Panama	P3	12	162,000
	1301	Principal Assistant HOB	Paris	G6	12	115,000
	1302	Programme Assistant - Regional Networks	Paris	G6	12	115,000
	1303	Programme Assistant (ECA)	Paris	G6	12	115,000
	1305	Programme Assistant - Information/ExCom	Paris	G5	12	103,000
	1306	Programme Assistant - Capacity Building/Information	Paris	G5	12	103,000
	1307	Programme Assistant - Operations	Paris	G5	12	103,000
	1311	Programme Assistant	Paris / ECA	G6	12	115,000
	1312	Budget & Finance Assistant	Paris	G7	12	122,000
	1317	Temporary assistance CAP				30,000

UNEP'S 2018 COMPLIANCE ASSISTANCE PROGRAMME (CAP) BUDGET

	Bud Ln	Component	Location			Approved CAP 2018 ExCom 80
	1321	ROAP Programme Assistant (SA)	Bangkok	G6	12	67,000
	1322	ROAP Programme Assistant (SEAP)	Bangkok	G5	12	54,000
	1323	ROAP Programme Assistant (PIC)	Bangkok	G5	12	54,000
	1324	ROAP Programme Assistant	Bangkok	G6	12	60,000
	1331	ROWA Programme Assistant	Manama	G6	12	75,000
	1332	ROWA Programme Assistant	Manama	G6	12	75,000
	1341	ROA Programme Assistant (Anglophone)	Nairobi	G6	12	45,000
	1342	ROA Administrative Assistant (Global)	Nairobi	G5	12	36,000
	1343	ROA Programme Assistant	Nairobi	G6	12	45,000
	1344	ROA Programme Assistant (Francophone)	Nairobi	G6	12	45,000
	1351	ROLAC Programme Assistant	Panama	G4	12	33,000
	1352	ROLAC Programme Assistant	Panama	G6	12	46,000
		Subtotal Staff Personnel				6,928,000
1600		TRAVEL				
	1601	Paris staff travel*	Paris			171,000
	1610	ECA staff travel	Paris / ECA			25,000
	1620	ROAP staff travel (SA)	Bangkok			33,000
	1621	ROAP staff travel (SEAP)	Bangkok			33,000
	1622	ROAP staff travel (PIC)	Bangkok			50,000
	1630	ROWA staff travel	Manama			45,000
	1640	ROA staff travel (Francophone)	Nairobi			60,500
	1641	ROA staff travel (Anglophone)	Nairobi			60,500
	1650	ROLAC staff travel (Caribbean)	Panama			35,000
	1651	ROLAC staff travel (Latin America)	Panama			35,000
		Subtotal Travel				548,000
20/30		REGIONAL ACTIVITIES				
		CONTRACT SERVICE COMPONENT				
	2210	ECA Network Thematic Meetings/South South cooperation/Regional awareness raising	Paris / ECA			130,000
		Subtotal ECA				130,000
	2220	ROAP Network Thematic Meetings/South South cooperation/Regional awareness raising (SA)	Bangkok			92,000
	2221	ROAP Network Thematic Meetings/South South cooperation/Regional awareness raising (SEAP)	Bangkok			70,000
	2222	ROAP Network Thematic Meetings/South South Cooperation/Regional awareness raising (PIC)	Bangkok			105,000
		Subtotal ROAP				267,000
	2230	ROWA Network Thematic Meetings/South South cooperation/Regional awareness raising	Manama			100,000
		Subtotal ROWA				100,000
	2240	ROA Network Thematic Meetings/South South cooperation/Regional awareness raising (Francophone)	Nairobi			175,000
	2241	ROA Thematic Meetings/South South cooperation/Regional awareness raising (Anglophone)	Nairobi			175,000

UNEP'S 2018 COMPLIANCE ASSISTANCE PROGRAMME (CAP) BUDGET

	Bud Ln	Component	Location		Approved CAP 2018 ExCom 80
		Subtotal ROA			350,000
	2250	ROLAC Network Thematic Meetings/South South cooperation/Regional awareness raising (Caribbean)	Panama		130,000
	2251	ROLAC Network Thematic Meetings/South South cooperation/Regional awareness raising (Latin America)	Panama		120,000
		Subtotal ROLAC			250,000
		Subtotal Regional activities			1,097,000
GLOBAL SERVICES/CLEARINGHOUSE MANDATE (CAPACITY DEVELOPMENT PORTFOLIO)					
	3210	NOO Training			100,000
	3211	Policy & Technical Assistance			150,000
	3213	Outreach & Translation			100,000
	3214	Emerging Needs			75,000
	3215	Refrigerant Drivers Licence			80,000
		Subtotal Global Services			505,000
MEETINGS					
50	4210	Advisory and Consultative Meetings (RSS, Emerging Needs)	Paris/REGIONS		165,000
		Subtotal Meetings			165,000
		Subtotal Global Services/Meetings			670,000
OFFICE OPERATIONS					
60	5210	Office Operations/Communication (equipment, rental, supplies & maintenance)	Paris		290,000
	5220	Office Operations/Communication (equipment, rental, supplies & maintenance)	Regions		330,000
		Subtotal Office Operations			620,000
99	TOTAL DIRECT PROJECT COST				9,863,000
		<i>Programme support costs (8%)</i>			789,040
90	GRAND TOTAL				10,652,040

*1601 Participation in meetings: ExCom, OEWG, Inter Agency, Network Meetings, MOP & Outreach activities based on needs for 7 Paris Staff Members

**3210 - 3215 activities & budget to be carried to 2018

Note on all other Budget Lines: unspent balances will be returned

Annex XV

AGREEMENT BETWEEN THE GOVERNMENT OF MAURITANIA AND THE EXECUTIVE COMMITTEE OF THE MULTILATERAL FUND FOR THE REDUCTION IN CONSUMPTION OF HYDROCHLOROFLUOROCARBONS

1. This Agreement represents the understanding of the Government of Mauritania (the “Country”) and the Executive Committee with respect to the reduction of controlled use of the ozone-depleting substances (ODS) set out in Appendix 1-A (“The Substances”) to a sustained level of 2.14 ODP tonnes by 1 January 2025 in compliance with Montreal Protocol schedules, with the understanding that this figure can be revised one single time following two years of the implementation of this Agreement and a comprehensive survey of HCFC consumption.
2. The Country agrees to meet the annual consumption limits of the Substances as set out in row 1.2 of Appendix 2-A (“The Targets, and Funding”) in this Agreement as well as in the Montreal Protocol reduction schedule for all Substances mentioned in Appendix 1-A. The Country accepts that, by its acceptance of this Agreement and performance by the Executive Committee of its funding obligations described in paragraph 3, it is precluded from applying for or receiving further funding from the Multilateral Fund in respect to any consumption of the Substances that exceeds the level defined in row 1.2 of Appendix 2-A as the final reduction step under this Agreement for all of the Substances specified in Appendix 1-A, and in respect to any consumption of each of the Substances that exceeds the level defined in row 4.1.3 (remaining eligible consumption).
3. Subject to compliance by the Country with its obligations set out in this Agreement, the Executive Committee agrees, in principle, to provide the funding set out in row 3.1 of Appendix 2-A to the Country. The Executive Committee will, in principle, provide this funding at the Executive Committee meetings specified in Appendix 3-A (“Funding Approval Schedule”).
4. The Country agrees to implement this Agreement in accordance with the HCFC phase-out sector plans submitted. In accordance with sub-paragraph 5(b) of this Agreement, the Country will accept independent verification of the achievement of the annual consumption limits of the Substances as set out in row 1.2 of Appendix 2-A of this Agreement. The aforementioned verification will be commissioned by the relevant bilateral or implementing agency.
5. The Executive Committee will not provide the Funding in accordance with the Funding Approval Schedule unless the Country satisfies the following conditions at least eight weeks in advance of the applicable Executive Committee meeting set out in the Funding Approval Schedule:
 - (a) That the Country had met the Targets set out in row 1.2 of Appendix 2-A for all relevant years. Relevant years are all years since the year in which this Agreement was approved. Years for which no obligation for reporting of country programme data exists at the date of the Executive Committee meeting at which the funding request is being presented are exempted;
 - (b) That the meeting of these Targets has been independently verified, unless the Executive Committee decided that such verification would not be required;
 - (c) That the Country had submitted annual implementation reports in the form of Appendix 4-A (“Format of Implementation Reports and Plans”) covering each previous calendar year; that it had achieved a significant level of implementation of activities initiated with previously approved tranches; and that the rate of disbursement of funding available from the previously approved tranche was more than 20 per cent; and

- (d) That the Country has submitted an annual implementation plan in the form of Appendix 4-A covering each calendar year until and including the year for which the funding schedule foresees the submission of the next tranche or, in case of the final tranche, until completion of all activities foreseen.

6. The Country will ensure that it conducts accurate monitoring of its activities under this Agreement. The institutions set out in Appendix 5-A (“Monitoring Institutions and Roles”) will monitor and report on implementation of the activities in the previous annual implementation plans in accordance with their roles and responsibilities set out in Appendix 5-A. This monitoring will also be subject to independent verification as described in paragraph 4 above.

7. The Executive Committee agrees that the Country may have the flexibility to reallocate the approved funds, or part of the funds, according to the evolving circumstances to achieve the smoothest reduction of consumption and phase-out of the Substances specified in Appendix 1-A:

- (a) Reallocations categorized as major changes must be documented in advance either in an annual implementation plan submitted as foreseen in sub-paragraph 5(d) above, or as a revision to an existing annual implementation plan to be submitted eight weeks prior to any meeting of the Executive Committee, for its approval. Major changes would relate to:
 - (i) Issues potentially concerning the rules and policies of the Multilateral Fund;
 - (ii) Changes which would modify any clause of this Agreement;
 - (iii) Changes in the annual levels of funding allocated to individual bilateral or implementing agencies for the different tranches; and
 - (iv) Provision of funding for programmes or activities not included in the current endorsed annual implementation plan, or removal of an activity in the annual implementation plan, with a cost greater than 30 per cent of the total cost of the last approved tranche;
- (b) Reallocations not categorized as major changes may be incorporated in the approved annual implementation plan, under implementation at the time, and reported to the Executive Committee in the subsequent annual implementation report; and
- (c) Any remaining funds will be returned to the Multilateral Fund upon completion of the last tranche foreseen under this Agreement.

8. Specific attention will be paid to the execution of the activities in the refrigeration servicing sub-sector, in particular:

- (a) The Country would use the flexibility available under this Agreement to address specific needs that might arise during project implementation; and
- (b) The Country and the bilateral and implementing agencies involved will take full account of the requirements of decisions 41/100 and 49/6 during the implementation of the plan.

9. The Country agrees to assume overall responsibility for the management and implementation of this Agreement and of all activities undertaken by it or on its behalf to fulfil the obligations under this Agreement. UNEP has agreed to be the lead implementing agency (the “Lead IA”) and UNDP has agreed to be the cooperating implementing agency (the “Cooperating IA”) under the lead of the Lead IA in respect

of the Country's activities under this Agreement. The Country agrees to evaluations, which might be carried out under the monitoring and evaluation work programmes of the Multilateral Fund or under the evaluation programme of any of the agencies taking part in this Agreement.

10. The Lead IA will be responsible for ensuring co-ordinated planning, implementation and reporting of all activities under this Agreement, including but not limited to independent verification as per sub-paragraph 5(b). This responsibility includes the necessity to co-ordinate with the Cooperating IA to ensure appropriate timing and sequence of activities in the implementation. The Cooperating IA will support the Lead IA by implementing the activities listed in Appendix 6-B under the overall co-ordination of the Lead IA. The Lead IA and Cooperating IA have reached consensus on the arrangements regarding inter-agency planning, reporting and responsibilities under this Agreement to facilitate a co-ordinated implementation of the Plan, including regular co-ordination meetings. The Executive Committee agrees, in principle, to provide the Lead IA and the Cooperating IA with the fees set out in rows 2.2 and 2.4 of Appendix 2-A.

11. Should the Country, for any reason, not meet the Targets for the elimination of the Substances set out in row 1.2 of Appendix 2-A or otherwise does not comply with this Agreement, then the Country agrees that it will not be entitled to the Funding in accordance with the Funding Approval Schedule. At the discretion of the Executive Committee, funding will be reinstated according to a revised Funding Approval Schedule determined by the Executive Committee after the Country has demonstrated that it has satisfied all of its obligations that were due to be met prior to receipt of the next tranche of funding under the Funding Approval Schedule. The Country acknowledges that the Executive Committee may reduce the amount of the Funding by the amount set out in Appendix 7-A ("Reductions in Funding for Failure to Comply") in respect of each ODP kg of reductions in consumption not achieved in any one year. The Executive Committee will discuss each specific case in which the Country did not comply with this Agreement, and take related decisions. Once these decisions are taken, this specific case will not be an impediment for future tranches as per paragraph 5 above.

12. The Funding of this Agreement will not be modified on the basis of any future Executive Committee decision that may affect the funding of any other consumption sector projects or any other related activities in the Country.

13. The Country will comply with any reasonable request of the Executive Committee, and the Lead IA and the Cooperating IA to facilitate implementation of this Agreement. In particular, it will provide the Lead IA and the Cooperating IA with access to the information necessary to verify compliance with this Agreement.

14. The completion of stage I of the HPMP and the associated Agreement will take place at the end of the year following the last year for which a maximum allowable total consumption level has been specified in Appendix 2-A. Should there at that time still be activities that are outstanding, and which were foreseen in the Plan and its subsequent revisions as per sub-paragraph 5(d) and paragraph 7, the completion will be delayed until the end of the year following the implementation of the remaining activities. The reporting requirements as per sub-paragraphs 1(a), 1(b), 1(d), and 1(e) of Appendix 4-A will continue until the time of the completion unless otherwise specified by the Executive Committee.

15. All of the conditions set out in this Agreement are undertaken solely within the context of the Montreal Protocol and as specified in this Agreement. All terms used in this Agreement have the meaning ascribed to them in the Montreal Protocol unless otherwise defined herein.

APPENDICES

APPENDIX 1-A: THE SUBSTANCES

Substance	Annex	Group	Starting point for aggregate reductions in consumption (ODP tonnes)
HCFC-22	C	I	6.60

APPENDIX 2-A: THE TARGETS, AND FUNDING

Row	Particulars	2017	2018	2019	2020	2021	2022	2023	2024	2025	Total
1.1	Montreal Protocol reduction schedule of Annex C, Group I substances (ODP tonnes)	18.45	18.45	18.45	13.33	13.33	13.33	13.33	13.33	6.66	n/a
1.2	Maximum allowable total consumption of Annex C, Group I substances (ODP tonnes)	6.60	6.60	6.60	5.94	5.94	5.94	5.94	5.94	2.14	n/a
2.1	Lead IA (UNEP) agreed funding (US \$)	150,000	0	0	25,000	0	41,750	0	0	85,750	302,500
2.2	Support costs for Lead IA (US \$)	19,500	0	0	3,250	0	5,428	0	0	11,148	39,325
2.3	Cooperating IA (UNDP) agreed funding (US \$)	105,000	0	0	50,000	0	150,000	0	0	0	305,000
2.4	Support costs for Cooperating IA (US \$)	7,350	0	0	3,500	0	10,500	0	0	0	21,350
3.1	Total agreed funding (US \$)	255,000	0	0	75,000	0	191,750	0	0	85,750	607,500
3.2	Total support costs (US \$)	26,850	0	0	6,750	0	15,928	0	0	11,148	60,675
3.3	Total agreed costs (US \$)	281,850	0	0	81,750	0	207,678	0		96,898	668,175
4.1.1	Total phase-out of HCFC-22 agreed to be achieved under this Agreement (ODP tonnes)										4.46
4.1.2	Phase-out of HCFC-22 to be achieved in previously approved projects (ODP tonnes)										0
4.1.3	Remaining eligible consumption for HCFC-22 (ODP tonnes)										2.14

APPENDIX 3-A: FUNDING APPROVAL SCHEDULE

1. Funding for the future tranches will be considered for approval at the last meeting of the year specified in Appendix 2-A.

APPENDIX 4-A: FORMAT OF IMPLEMENTATION REPORTS AND PLANS

2. The submission of the Implementation Report and Plan for each tranche request will consist of five parts:

- (a) A narrative report, with data provided by calendar year, regarding the progress since the year prior to the previous report, reflecting the situation of the Country in regard to phase-

out of the Substances, how the different activities contribute to it, and how they relate to each other. The report should include ODS phase-out as a direct result from the implementation of activities, by substance, and the alternative technology used and the related phase-in of alternatives, to allow the Secretariat to provide to the Executive Committee information about the resulting change in climate relevant emissions. The report should further highlight successes, experiences, and challenges related to the different activities included in the Plan, reflecting any changes in the circumstances in the Country, and providing other relevant information. The report should also include information on and justification for any changes vis-à-vis the previously submitted Annual Implementation Plan(s), such as delays, uses of the flexibility for reallocation of funds during implementation of a tranche, as provided for in paragraph 7 of this Agreement, or other changes. The narrative report will cover all relevant years specified in sub-paragraph 5(a) of the Agreement and can in addition also include information on activities in the current year;

- (b) A verification report of the HPMP results and the consumption of the Substances mentioned in Appendix 1-A, as per sub-paragraph 5(b) of the Agreement. If not decided otherwise by the Executive Committee, such a verification has to be provided together with each tranche request and will have to provide verification of the consumption for all relevant years as specified in sub-paragraph 5(a) of the Agreement for which a verification report has not yet been acknowledged by the Committee;
- (c) A written description of the activities to be undertaken until and including the year of the planned submission of the next tranche request, highlighting the interdependence of the activities, and taking into account experiences made and progress achieved in the implementation of earlier tranches; the data in the plan will be provided by calendar year. The description should also include a reference to the overall plan and progress achieved, as well as any possible changes to the overall plan that are foreseen. The description should cover the years specified in sub-paragraph 5(d) of the Agreement. The description should also specify and explain in detail such changes to the overall plan. This description of future activities can be submitted as a part of the same document as the narrative report under sub-paragraph (b) above;
- (d) A set of quantitative information for all annual implementation reports and annual implementation plans, submitted through an online database. This quantitative information, to be submitted by calendar year with each tranche request, will be amending the narratives and description for the report (see sub-paragraph 1(a) above) and the plan (see sub-paragraph 1(c) above), the annual implementation plan and any changes to the overall plan, and will cover the same time periods and activities; and
- (e) An Executive Summary of about five paragraphs, summarizing the information of the above sub-paragraphs 1(a) to 1(d).

APPENDIX 5-A: MONITORING INSTITUTIONS AND ROLES

1. The National Ozone Unit (NOU) will be monitoring the implementation of the project activities and will prepare a quarterly progress report for the project. The monitoring programme will therefore ensure effectiveness of all the proposed projects within the HPMP through constant monitoring and periodic

review of the performance of individual projects. Independent verification will be conducted by a consultant arranged by the Lead IA.

2. The Lead IA will have a particularly prominent role in the monitoring arrangements because of its mandate to monitor ODS imports, whose records will be used as a crosschecking reference in all the monitoring programmes for the different projects within the HPMP. The Lead IA, along with the cooperating IA will also undertake the challenging task of monitoring illegal ODS imports and exports and advise the appropriate national agencies through the NOU.

APPENDIX 6-A: ROLE OF THE LEAD IMPLEMENTING AGENCY

1. The Lead IA will be responsible for a range of activities, including at least the following:
 - (a) Ensuring performance and financial verification in accordance with this Agreement and with its specific internal procedures and requirements as set out in the Country's HPMP;
 - (b) Assisting the Country in preparation of the Implementation Plans and subsequent reports as per Appendix 4-A;
 - (c) Providing independent verification to the Executive Committee that the Targets have been met and associated annual activities have been completed as indicated in the Implementation Plan consistent with Appendix 4-A;
 - (d) Ensuring that the experiences and progress is reflected in updates of the overall plan and in future annual implementation plans consistent with sub-paragraphs 1(c) and 1(d) of Appendix 4-A;
 - (e) Fulfilling the reporting requirements for the annual implementation reports, annual implementation plans and the overall plan as specified in Appendix 4-A for submission to the Executive Committee. The reporting requirements include the reporting about activities undertaken by the Cooperating IA;
 - (f) Ensuring that appropriate independent technical experts carry out the technical reviews;
 - (g) Carrying out required supervision missions;
 - (h) Ensuring the presence of an operating mechanism to allow effective, transparent implementation of the Implementation Plan and accurate data reporting;
 - (i) Co-ordinating the activities of the Cooperating IA, and ensuring appropriate sequence of activities;
 - (j) In case of reductions in funding for failure to comply in accordance with paragraph 11 of the Agreement, to determine, in consultation with the Country and the Cooperating IA, the allocation of the reductions to the different budget items and to the funding of each implementing or bilateral agency involved;
 - (k) Ensuring that disbursements made to the Country are based on the use of the indicators; and
 - (l) Providing assistance with policy, management and technical support when required.

2. After consultation with the Country and taking into account any views expressed, the Lead IA will select and mandate an independent entity to carry out the verification of the HPMP results and the consumption of the Substances mentioned in Appendix 1-A, as per sub-paragraph 5(b) of the Agreement and sub-paragraph 1(b) of Appendix 4-A.

APPENDIX 6-B: ROLE OF THE COOPERATING IMPLEMENTING AGENCY

1. The Cooperating IA will be responsible for a range of activities. These activities are specified in the overall plan, including at least the following:

- (a) Providing assistance for policy development when required;
- (b) Assisting the Country in the implementation and assessment of the activities funded by the Cooperating IA, and refer to the Lead IA to ensure a co-ordinated sequence in the activities; and
- (c) Providing reports to the Lead IA on these activities, for inclusion in the consolidated reports as per Appendix 4-A.

APPENDIX 7-A: REDUCTIONS IN FUNDING FOR FAILURE TO COMPLY

1. In accordance with paragraph 11 of the Agreement, the amount of funding provided may be reduced by US \$180 per ODP kg of consumption beyond the level defined in row 1.2 of Appendix 2-A for each year in which the target specified in row 1.2 of Appendix 2-A has not been met, on the understanding that this clause would not be applied in the case that the verified level of HCFC consumption was higher than the estimated starting point of 6.60 ODP tonnes.

Annex XVI

AGREEMENT BETWEEN THE GOVERNMENT OF KENYA AND THE EXECUTIVE COMMITTEE OF THE MULTILATERAL FUND FOR THE REDUCTION IN CONSUMPTION OF HYDROCHLOROFLUOROCARBONS IN ACCORDANCE WITH STAGE II OF THE HCFC PHASE-OUT MANAGEMENT PLAN

Purpose

1. This Agreement represents the understanding of the Government of Kenya (the “Country”) and the Executive Committee with respect to the reduction of controlled use of the ozone-depleting substances (ODS) set out in Appendix 1-A (“The Substances”) to a sustained level of zero ODP tonnes by 1 January 2030 in compliance with Montreal Protocol schedule.
2. The Country agrees to meet the annual consumption limits of the Substances as set out in row 1.2 of Appendix 2-A (“The Targets, and Funding”) in this Agreement as well as in the Montreal Protocol reduction schedule for all Substances mentioned in Appendix 1-A. The Country accepts that, by its acceptance of this Agreement and performance by the Executive Committee of its funding obligations described in paragraph 3, it is precluded from applying for or receiving further funding from the Multilateral Fund in respect to any consumption of the Substances that exceeds the level defined in row 1.2 of Appendix 2-A as the final reduction step under this Agreement for all of the Substances specified in Appendix 1-A, and in respect to any consumption of each of the Substances that exceeds the level defined in row 4.1.3. (remaining consumption eligible for funding).
3. Subject to compliance by the Country with its obligations set out in this Agreement, the Executive Committee agrees, in principle, to provide the funding set out in row 3.1 of Appendix 2-A to the Country. The Executive Committee will, in principle, provide this funding at the Executive Committee meetings specified in Appendix 3-A (“Funding Approval Schedule”).
4. The Country agrees to implement this Agreement in accordance with the stage II of the HCFC phase-out management plan (HPMP) approved (“the Plan”). In accordance with sub-paragraph 5(b) of this Agreement, the Country will accept independent verification of the achievement of the annual consumption limits of the Substances as set out in row 1.2 of Appendix 2-A of this Agreement. The aforementioned verification will be commissioned by the relevant bilateral or implementing agency.

Conditions for funding release

5. The Executive Committee will only provide the Funding in accordance with the Funding Approval Schedule when the Country satisfies the following conditions at least eight weeks in advance of the applicable Executive Committee meeting set out in the Funding Approval Schedule:
 - (a) That the Country has met the Targets set out in row 1.2 of Appendix 2-A for all relevant years. Relevant years are all years since the year in which this Agreement was approved. Years for which there are no due country programme implementation reports at the date of the Executive Committee meeting at which the funding request is being presented are exempted;
 - (b) That the meeting of these Targets has been independently verified for all relevant years, unless the Executive Committee decided that such verification would not be required;
 - (c) That the Country had submitted a Tranche Implementation Report in the form of Appendix 4-A (“Format of Tranche Implementation Reports and Plans”) covering each

previous calendar year; that it had achieved a significant level of implementation of activities initiated with previously approved tranches; and that the rate of disbursement of funding available from the previously approved tranche was more than 20 per cent; and

- (d) That the Country has submitted a Tranche Implementation Plan in the form of Appendix 4-A covering each calendar year until and including the year for which the funding schedule foresees the submission of the next tranche or, in case of the final tranche, until completion of all activities foreseen.

Monitoring

6. The Country will ensure that it conducts accurate monitoring of its activities under this Agreement. The institutions set out in Appendix 5-A (“Monitoring Institutions and Roles”) will monitor and report on implementation of the activities in the previous Tranche Implementation Plans in accordance with their roles and responsibilities set out in the same appendix.

Flexibility in the reallocation of funds

7. The Executive Committee agrees that the Country may have the flexibility to reallocate part or all of the approved funds, according to the evolving circumstances to achieve the smoothest reduction of consumption and phase-out of the Substances specified in Appendix 1-A:

- (a) Reallocations categorized as major changes must be documented in advance either in a Tranche Implementation Plan as foreseen in sub-paragraph 5(d) above, or as a revision to an existing Tranche Implementation Plan to be submitted eight weeks prior to any meeting of the Executive Committee, for its approval. Major changes would relate to:
 - (i) Issues potentially concerning the rules and policies of the Multilateral Fund;
 - (ii) Changes which would modify any clause of this Agreement;
 - (iii) Changes in the annual levels of funding allocated to individual bilateral or implementing agencies for the different tranches;
 - (iv) Provision of funding for activities not included in the current endorsed Tranche Implementation Plan, or removal of an activity in the Tranche Implementation Plan, with a cost greater than 30 per cent of the total cost of the last approved tranche; and
 - (v) Changes in alternative technologies, on the understanding that any submission for such a request would identify the associated incremental costs, the potential impact to the climate, and any differences in ODP tonnes to be phased out if applicable, as well as confirm that the Country agrees that potential savings related to the change of technology would decrease the overall funding level under this Agreement accordingly;
- (b) Reallocations not categorized as major changes may be incorporated in the approved Tranche Implementation Plan, under implementation at the time, and reported to the Executive Committee in the subsequent Tranche Implementation Report;
- (c) The Country agrees, in cases where HFC technologies have been chosen as an alternative to HCFCs, and taking into account national circumstances related to health and safety: to

monitor the availability of substitutes and alternatives that further minimize impacts on the climate; to consider, in the review of regulations standards and incentives adequate provisions that encourage introduction of such alternatives; and to consider the potential for adoption of cost-effective alternatives that minimize the climate impact in the implementation of the HPMP, as appropriate, and inform the Executive Committee on the progress accordingly in tranche implementation reports; and

- (d) Any remaining funds held by the bilateral or implementing agencies or the Country under the Plan will be returned to the Multilateral Fund upon completion of the last tranche foreseen under this Agreement.

Considerations for the refrigeration servicing sector

8. Specific attention will be paid to the execution of the activities in the refrigeration servicing sector included in the Plan, in particular:

- (a) The Country would use the flexibility available under this Agreement to address specific needs that might arise during project implementation; and
- (b) The Country and relevant bilateral and/or implementing agencies would take into consideration relevant decisions on the refrigeration servicing sector during the implementation of the Plan.

Bilateral and implementing agencies

9. The Country agrees to assume overall responsibility for the management and implementation of this Agreement and of all activities undertaken by it or on its behalf to fulfil the obligations under this Agreement. The Government of France has agreed to be the lead implementing agency (the "Lead IA") in respect of the Country's activities under this Agreement. The Country agrees to evaluations, which might be carried out under the monitoring and evaluation work programmes of the Multilateral Fund or under the evaluation programme of the Lead IA taking part in this Agreement.

10. The Lead IA will be responsible for ensuring co-ordinated planning, implementation and reporting of all activities under this Agreement, including but not limited to independent verification as per sub-paragraph 5(b). The role of the Lead IA is contained in Appendix 6-A. The Executive Committee agrees, in principle, to provide the Lead IA with the fees set out in row 2.2 of Appendix 2-A.

Non-compliance with the Agreement

11. Should the Country, for any reason, not meet the Targets for the elimination of the Substances set out in row 1.2 of Appendix 2-A or otherwise does not comply with this Agreement, then the Country agrees that it will not be entitled to the Funding in accordance with the Funding Approval Schedule. At the discretion of the Executive Committee, funding will be reinstated according to a revised Funding Approval Schedule determined by the Executive Committee after the Country has demonstrated that it has satisfied all of its obligations that were due to be met prior to receipt of the next tranche of funding under the Funding Approval Schedule. The Country acknowledges that the Executive Committee may reduce the amount of the Funding by the amount set out in Appendix 7-A ("Reductions in Funding for Failure to Comply") in respect of each ODP kg of reductions in consumption not achieved in any one year. The Executive Committee will discuss each specific case in which the Country did not comply with this Agreement, and take related decisions. Once decisions are taken, the specific case of non-compliance with this Agreement will not be an impediment for the provision of funding for future tranches as per paragraph 5 above.

12. The Funding of this Agreement will not be modified on the basis of any future Executive Committee decisions that may affect the funding of any other consumption sector projects or any other related activities in the Country.

13. The Country will comply with any reasonable request of the Executive Committee, and the Lead IA to facilitate implementation of this Agreement. In particular, it will provide the Lead IA with access to the information necessary to verify compliance with this Agreement.

Date of completion

14. The completion of the Plan and the associated Agreement will take place at the end of the year following the last year for which a maximum allowable total consumption level has been specified in Appendix 2-A. Should at that time there still be activities that are outstanding, and which were foreseen in the last Tranche Implementation Plan and its subsequent revisions as per sub-paragraph 5(d) and paragraph 7, the completion of the Plan will be delayed until the end of the year following the implementation of the remaining activities. The reporting requirements as per sub-paragraphs 1(a), 1(b), 1(d), and 1(e) of Appendix 4-A will continue until the time of the completion of the Plan unless otherwise specified by the Executive Committee.

Validity

15. All of the conditions set out in this Agreement are undertaken solely within the context of the Montreal Protocol and as specified in this Agreement. All terms used in this Agreement have the meaning ascribed to them in the Montreal Protocol unless otherwise defined herein.

16. This Agreement may be modified or terminated only by mutual written agreement of the Country and the Executive Committee of the Multilateral Fund.

APPENDICES

APPENDIX 1-A: THE SUBSTANCES

Substance	Annex	Group	Starting point for aggregate reductions in consumption (ODP tonnes)
HCFC-22	C	I	33.41
Total	C	I	33.41

APPENDIX 2-A: THE TARGETS, AND FUNDING

Row	Particulars	2017	2018-2019	2020	2021	2022	2023	2024	2025	2026	2027-2029	2030	Total
1.1	Montreal Protocol reduction schedule of Annex C, Group I substances (ODP tonnes)	46.98	46.98	33.93	33.93	33.93	33.93	33.93	16.96	16.96	16.96	1.31	n/a
1.2	Maximum allowable total consumption of Annex C, Group I substances (ODP tonnes)	22.41	16.70	15.00	12.50	10.00	8.00	5.00	3.00	2.00	1.31	0	n/a
2.1	Lead IA (Government of France) agreed funding (US \$)	456,500	0	616,500	0	0	601,500	0	0	0	0	89,350	1,763,850
2.2	Support costs for Lead IA (US \$)	52,803	0	71,310	0	0	69,575	0	0	0	0	10,335	204,023
3.1	Total agreed funding (US \$)	456,500	0	616,500	0	0	601,500	0	0	0	0	89,350	1,763,850
3.2	Total support costs (US \$)	52,803	0	71,310	0	0	69,575	0	0	0	0	10,335	204,023
3.3	Total agreed costs (US \$)	509,303	0	687,810	0	0	671,075	0	0	0	0	99,685	1,967,873
4.1.1	Total phase-out of HCFC-22 agreed to be achieved under this Agreement (ODP tonnes)												21.78
4.1.2	Phase-out of HCFC-22 to be achieved in the previous stage (ODP tonnes)												11.63
4.1.3	Remaining eligible consumption for HCFC-22 (ODP tonnes)												0.00

*Date of completion of stage I as per stage I Agreement: 31 December 2018

APPENDIX 3-A: FUNDING APPROVAL SCHEDULE

1. Funding for the future tranches will be considered for approval at the second meeting of the year specified in Appendix 2-A.

APPENDIX 4-A: FORMAT OF TRANCHE IMPLEMENTATION REPORTS AND PLANS

1. The submission of the Tranche Implementation Report and Plans for each tranche request will consist of five parts:

- (a) A narrative report, with data provided by tranche, describing the progress achieved since the previous report, reflecting the situation of the Country in regard to phase out of the Substances, how the different activities contribute to it, and how they relate to each other. The report should include the amount of ODS phased out as a direct result from the implementation of activities, by substance, and the alternative technology used and the related phase-in of alternatives, to allow the Secretariat to provide to the Executive Committee information about the resulting change in climate relevant emissions. The report should further highlight successes, experiences, and challenges related to the different activities included in the Plan, reflecting any changes in the circumstances in the Country, and providing other relevant information. The report should also include information on and justification for any changes vis-à-vis the previously submitted Tranche Implementation Plan(s), such as delays, uses of the flexibility for reallocation of funds during implementation of a tranche, as provided for in paragraph 7 of this Agreement, or other changes;
- (b) An independent verification report of the Plan results and the consumption of the Substances, as per sub-paragraph 5(b) of the Agreement. If not decided otherwise by the

Executive Committee, such a verification has to be provided together with each tranche request and will have to provide verification of the consumption for all relevant years as specified in sub-paragraph 5(a) of the Agreement for which a verification report has not yet been acknowledged by the Committee;

- (c) A written description of the activities to be undertaken during the period covered by the requested tranche, highlighting implementation milestones, the time of completion and the interdependence of the activities, and taking into account experiences made and progress achieved in the implementation of earlier tranches; the data in the plan will be provided by calendar year. The description should also include a reference to the overall Plan and progress achieved, as well as any possible changes to the overall Plan that are foreseen. The description should also specify and explain in detail such changes to the overall plan. This description of future activities can be submitted as a part of the same document as the narrative report under sub-paragraph (b) above;
 - (d) A set of quantitative information for all Tranche Implementation Reports and Plans, submitted through an online database; and
 - (e) An Executive Summary of about five paragraphs, summarizing the information of the above sub-paragraphs 1(a) to 1(d).
2. In the event that in a particular year two stages of the HPMP are being implemented in parallel, the following considerations should be taken in preparing the Tranche Implementation Reports and Plans:
- (a) The Tranche Implementation Reports and Plans referred to as part of this Agreement, will exclusively refer to activities and funds covered by this Agreement; and
 - (b) If the stages under implementation have different HCFC consumption targets under Appendix 2-A of each Agreement in a particular year, the lower HCFC consumption target will be used as reference for compliance with these Agreements and will be the basis for the independent verification.

APPENDIX 5-A: MONITORING INSTITUTIONS AND ROLES

1. Monitoring of the HPMP activities will be carried out through the existing Project Monitoring Office that is operating under stage I of HPMP. Additional experts will be hired on a regular basis to assist with more specific and technical requirements of the project. The Project Monitoring Office will work together with the National Ozone Unit to draft the necessary progress reports and meet all reporting requirements of the project.

2. The Natural Environment Management Authority, which is the ODS licensing authority in Kenya will ensure that licensing and monitoring system for ODS is implemented effectively.

APPENDIX 6-A: ROLE OF THE LEAD IMPLEMENTING AGENCY

1. The Lead IA will be responsible for a range of activities, including at least the following:
- (a) Ensuring performance and financial verification in accordance with this Agreement and with its specific internal procedures and requirements as set out in the Country's HPMP;

- (b) Assisting the Country in preparation of the Tranche Implementation Reports and Plans as per Appendix 4-A;
- (c) Providing independent verification to the Executive Committee that the Targets have been met and associated tranche activities have been completed as indicated in the Tranche Implementation Plan consistent with Appendix 4-A;
- (d) Ensuring that the experiences and progress is reflected in updates of the overall plan and in future Tranche Implementation Plans consistent with sub-paragraphs 1(c) and 1(d) of Appendix 4-A;
- (e) Fulfilling the reporting requirements for the Tranche Implementation Reports and Plans and the overall plan as specified in Appendix 4-A for submission to the Executive Committee;
- (f) In the event that the last funding tranche is requested one or more years prior to the last year for which a consumption target had been established, annual tranche implementation reports and, where applicable, verification reports on the current stage of the Plan should be submitted until all activities foreseen had been completed and HCFC consumption targets had been met;
- (g) Ensuring that appropriate independent technical experts carry out the technical reviews;
- (h) Carrying out required supervision missions;
- (i) Ensuring the presence of an operating mechanism to allow effective, transparent implementation of the Tranche Implementation Plan and accurate data reporting;
- (j) In case of reductions in funding for failure to comply in accordance with paragraph 11 of the Agreement, to determine, in consultation with the Country, the allocation of the reductions to the different budget items and to the funding of the Lead IA;
- (k) Ensuring that disbursements made to the Country are based on the use of the indicators;
- (l) Providing assistance with policy, management and technical support when required;
- (m) Timely releasing funds to the Country/participating enterprises for completing the activities related to the project.

2. After consultation with the Country and taking into account any views expressed, the Lead IA will select and mandate an independent entity to carry out the verification of the HPMP results and the consumption of the Substances mentioned in Appendix 1-A, as per sub-paragraph 5(b) of the Agreement and sub-paragraph 1(b) of Appendix 4-A.

APPENDIX 7-A: REDUCTIONS IN FUNDING FOR FAILURE TO COMPLY

1. In accordance with paragraph 11 of the Agreement, the amount of funding provided may be reduced by US \$157.42 per ODP kg of consumption beyond the level defined in row 1.2 of Appendix 2-A for each year in which the target specified in row 1.2 of Appendix 2-A has not been met, on the understanding that the maximum funding reduction would not exceed the funding level of the tranche being

requested. Additional measures might be considered in cases where non-compliance extends for two consecutive years.

2. In the event that the penalty needs to be applied for a year in which there are two Agreements in force (two stages of the HPMP being implemented in parallel) with different penalty levels, the application of the penalty will be determined on a case-by-case basis taking into consideration the specific sectors that lead to the non-compliance. If it is not possible to determine a sector, or both stages are addressing the same sector, the penalty level to be applied would be the largest.

Annex XVII

AGREEMENT BETWEEN THE GOVERNMENT OF PERU AND THE EXECUTIVE COMMITTEE OF THE MULTILATERAL FUND FOR THE REDUCTION IN CONSUMPTION OF HYDROCHLOROFLUOROCARBONS IN ACCORDANCE WITH STAGE II OF THE HCFC PHASE-OUT MANAGEMENT PLAN

Purpose

1. This Agreement represents the understanding of the Government of Peru (the “Country”) and the Executive Committee with respect to the reduction of controlled use of the ozone-depleting substances (ODS) set out in Appendix 1-A (“The Substances”) to a sustained level of 8.74 ODP tonnes by 1 January 2025 in compliance with Montreal Protocol schedule.

2. The Country agrees to meet the annual consumption limits of the Substances as set out in row 1.2 of Appendix 2-A (“The Targets, and Funding”) in this Agreement as well as in the Montreal Protocol reduction schedule for all Substances mentioned in Appendix 1-A. The Country accepts that, by its acceptance of this Agreement and performance by the Executive Committee of its funding obligations described in paragraph 3, it is precluded from applying for or receiving further funding from the Multilateral Fund in respect to any consumption of the Substances that exceeds the level defined in row 1.2 of Appendix 2-A as the final reduction step under this Agreement for all of the Substances specified in Appendix 1-A, and in respect to any consumption of each of the Substances that exceeds the level defined in rows 4.1.3, 4.2.3, 4.3.3, 4.4.3 and 4.5.3 (remaining consumption eligible for funding).

3. Subject to compliance by the Country with its obligations set out in this Agreement, the Executive Committee agrees, in principle, to provide the funding set out in row 3.1 of Appendix 2-A to the Country. The Executive Committee will, in principle, provide this funding at the Executive Committee meetings specified in Appendix 3-A (“Funding Approval Schedule”).

4. The Country agrees to implement this Agreement in accordance with the stage II of the HCFC phase-out management plan (HPMP) approved (“the Plan”). In accordance with sub-paragraph 5(b) of this Agreement, the Country will accept independent verification of the achievement of the annual consumption limits of the Substances as set out in row 1.2 of Appendix 2-A of this Agreement. The aforementioned verification will be commissioned by the relevant bilateral or implementing agency.

Conditions for funding release

5. The Executive Committee will only provide the Funding in accordance with the Funding Approval Schedule when the Country satisfies the following conditions at least eight weeks in advance of the applicable Executive Committee meeting set out in the Funding Approval Schedule:

- (a) That the Country has met the Targets set out in row 1.2 of Appendix 2-A for all relevant years. Relevant years are all years since the year in which this Agreement was approved. Years for which there are no due country programme implementation reports at the date of the Executive Committee meeting at which the funding request is being presented are exempted;
- (b) That the meeting of these Targets has been independently verified for all relevant years, unless the Executive Committee decided that such verification would not be required;
- (c) That the Country had submitted a Tranche Implementation Report in the form of Appendix 4-A (“Format of Tranche Implementation Reports and Plans”) covering each

previous calendar year; that it had achieved a significant level of implementation of activities initiated with previously approved tranches; and that the rate of disbursement of funding available from the previously approved tranche was more than 20 per cent; and

- (d) That the Country has submitted a Tranche Implementation Plan in the form of Appendix 4-A covering each calendar year until and including the year for which the funding schedule foresees the submission of the next tranche or, in case of the final tranche, until completion of all activities foreseen.

Monitoring

6. The Country will ensure that it conducts accurate monitoring of its activities under this Agreement. The institutions set out in Appendix 5-A (“Monitoring Institutions and Roles”) will monitor and report on implementation of the activities in the previous Tranche Implementation Plans in accordance with their roles and responsibilities set out in the same appendix.

Flexibility in the reallocation of funds

7. The Executive Committee agrees that the Country may have the flexibility to reallocate part or all of the approved funds, according to the evolving circumstances to achieve the smoothest reduction of consumption and phase-out of the Substances specified in Appendix 1-A:

- (a) Reallocations categorized as major changes must be documented in advance either in a Tranche Implementation Plan as foreseen in sub-paragraph 5(d) above, or as a revision to an existing Tranche Implementation Plan to be submitted eight weeks prior to any meeting of the Executive Committee, for its approval. Major changes would relate to:
 - (i) Issues potentially concerning the rules and policies of the Multilateral Fund;
 - (ii) Changes which would modify any clause of this Agreement;
 - (iii) Changes in the annual levels of funding allocated to individual bilateral or implementing agencies for the different tranches;
 - (iv) Provision of funding for activities not included in the current endorsed Tranche Implementation Plan, or removal of an activity in the Tranche Implementation Plan, with a cost greater than 30 per cent of the total cost of the last approved tranche; and
 - (v) Changes in alternative technologies, on the understanding that any submission for such a request would identify the associated incremental costs, the potential impact to the climate, and any differences in ODP tonnes to be phased out if applicable, as well as confirm that the Country agrees that potential savings related to the change of technology would decrease the overall funding level under this Agreement accordingly;
- (b) Reallocations not categorized as major changes may be incorporated in the approved Tranche Implementation Plan, under implementation at the time, and reported to the Executive Committee in the subsequent Tranche Implementation Report;

- (c) Any enterprise to be converted to non-HCFC technology included in the Plan and that would be found to be ineligible under the policies of the Multilateral Fund (i.e., due to foreign ownership or establishment post the 21 September 2007 cut-off date), would not receive financial assistance. This information would be reported as part of the Tranche Implementation Plan;
- (d) The Country commits to examining the possibility of using pre-blended systems with low-global warming potential blowing agents instead of blending them in-house, for those foam enterprises covered under the Plan, should this be technically viable, economically feasible and acceptable to the enterprises; and
- (e) Any remaining funds held by the bilateral or implementing agencies or the country under the Plan will be returned to the Multilateral Fund upon completion of the last tranche foreseen under this Agreement.

Considerations for the refrigeration servicing sector

8. Specific attention will be paid to the execution of the activities in the refrigeration servicing sub-sector included in the Plan, in particular:

- (a) The Country would use the flexibility available under this Agreement to address specific needs that might arise during project implementation; and
- (b) The Country and relevant bilateral and/or implementing agencies would take into consideration relevant decisions on the refrigerant servicing sector during the implementation of the Plan.

Bilateral and implementing agencies

9. The Country agrees to assume overall responsibility for the management and implementation of this Agreement and of all activities undertaken by it or on its behalf to fulfil the obligations under this Agreement. UNDP has agreed to be the lead implementing agency (the “Lead IA”) and UNEP has agreed to be the cooperating implementing agency (the “Cooperating IA”) under the lead of the Lead IA in respect of the Country’s activities under this Agreement. The Country agrees to evaluations, which might be carried out under the monitoring and evaluation work programmes of the Multilateral Fund or under the evaluation programme of the Lead IA and Cooperating IA taking part in this Agreement.

10. The Lead IA will be responsible for ensuring co-ordinated planning, implementation and reporting of all activities under this Agreement, including but not limited to independent verification as per sub-paragraph 5(b). The Cooperating IA will support the Lead IA by implementing the Plan under the overall co-ordination of the Lead IA. The roles of the Lead IA and Cooperating IA are contained in Appendix 6-A and Appendix 6-B, respectively. The Executive Committee agrees, in principle, to provide the Lead IA and the Cooperating IA with the fees set out in rows 2.2 and 2.4 of Appendix 2-A.

Non-compliance with the Agreement

11. Should the Country, for any reason, not meet the Targets for the elimination of the Substances set out in row 1.2 of Appendix 2-A or otherwise does not comply with this Agreement, then the Country agrees that it will not be entitled to the Funding in accordance with the Funding Approval Schedule. At the discretion of the Executive Committee, funding will be reinstated according to a revised Funding Approval Schedule determined by the Executive Committee after the Country has demonstrated that it has satisfied all of its obligations that were due to be met prior to receipt of the next tranche of funding under the Funding Approval Schedule. The Country acknowledges that the Executive Committee may reduce the amount of the Funding by the amount set out in Appendix 7-A (“Reductions in Funding for Failure to Comply”) in respect of each ODP kilogram of reductions in consumption not achieved in any one year. The Executive Committee will discuss each specific case in which the Country did not comply with this Agreement, and take related decisions. Once decisions are taken, the specific case of not compliance with this Agreement will not be an impediment for the provision of funding for future tranches as per paragraph 5 above.

12. The Funding of this Agreement will not be modified on the basis of any future Executive Committee decisions that may affect the funding of any other consumption sector projects or any other related activities in the Country.

13. The Country will comply with any reasonable request of the Executive Committee, the Lead IA and the Cooperating IA to facilitate implementation of this Agreement. In particular, it will provide the Lead IA and the Cooperating IA with access to the information necessary to verify compliance with this Agreement.

Date of completion

14. The completion of the Plan and the associated Agreement will take place at the end of the year following the last year for which a maximum allowable total consumption level has been specified in Appendix 2-A. Should at that time there still be activities that are outstanding, and which were foreseen in the last Tranche Implementation Plan and its subsequent revisions as per sub-paragraph 5(d) and paragraph 7, the completion of the Plan will be delayed until the end of the year following the implementation of the remaining activities. The reporting requirements as per sub-paragraphs 1(a), 1(b), 1(d), and 1(e) of Appendix 4-A will continue until the time of the completion of the Plan unless otherwise specified by the Executive Committee.

Validity

15. All of the conditions set out in this Agreement are undertaken solely within the context of the Montreal Protocol and as specified in this Agreement. All terms used in this Agreement have the meaning ascribed to them in the Montreal Protocol unless otherwise defined herein.

16. This Agreement may be modified or terminated only by mutual written agreement of the Country and the Executive Committee of the Multilateral Fund.

APPENDICES

APPENDIX 1-A: THE SUBSTANCES

Substance	Annex	Group	Starting point for aggregate reductions in consumption (ODP tonnes)
HCFC-22	C	I	23.85
HCFC-124	C	I	0.06
HCFC-141b	C	I	1.79
HCFC-142b	C	I	1.18
Sub-total			26.88
HCFC-141b contained in imported pre-blended polyols	C	I	27.91
Total			54.79

APPENDIX 2-A: THE TARGETS, AND FUNDING

Row	Particulars	2017	2018	2019	2020	2021	2022	2023	2024	2025	Total	
1.1	Montreal Protocol reduction schedule of Annex C, Group I substances (ODP tonnes)	24.19	24.19	24.19	17.47	17.47	17.47	17.47	17.47	8.74	n/a	
1.2	Maximum allowable total consumption of Annex C, Group I substances (ODP tonnes)	24.19	24.19	24.19	17.47	17.47	17.47	17.47	17.47	8.74	n/a	
2.1	Lead IA (UNDP) agreed funding (US \$)	350,100	0	233,400	0	0	466,800	0	0	116,700	1,167,000	
2.2	Support costs for Lead IA (US \$)	24,507	0	16,338	0	0	32,676	0	0	8,169	81,690	
2.3	Cooperating IA (UNEP) agreed funding (US \$)	62,400	0	41,600	0	0	83,200	0	0	20,800	208,000	
2.4	Support costs for Cooperating IA (US \$)	8,112	0	5,408	0	0	10,816	0	0	2,704	27,040	
3.1	Total agreed funding (US \$)	412,500	0	275,000	0	0	550,000	0	0	137,500	1,375,000	
3.2	Total support costs (US \$)	32,619	0	21,746	0	0	43,492	0	0	10,873	108,730	
3.3	Total agreed costs (US \$)	445,119	0	296,746	0	0	593,492	0	0	148,373	1,483,730	
4.1.1	Total phase-out of HCFC-22 agreed to be achieved under this Agreement (ODP tonnes)											14.40
4.1.2	Phase-out of HCFC-22 to be achieved in the previous stage (ODP tonnes)											1.95
4.1.3	Remaining eligible consumption for HCFC-22 (ODP tonnes)											7.50
4.2.1	Total phase-out of HCFC-124 agreed to be achieved under this Agreement (ODP tonnes)											0.00
4.2.2	Phase-out of HCFC-124 to be achieved in the previous stage (ODP tonnes)											0.00
4.2.3	Remaining eligible consumption for HCFC-124 (ODP tonnes)											0.06
4.3.1	Total phase-out of HCFC-141b agreed to be achieved under this Agreement (ODP tonnes)											0.00
4.3.2	Phase-out of HCFC-141b to be achieved in the previous stage (ODP tonnes)											1.79
4.3.3	Remaining eligible consumption for HCFC-141b (ODP tonnes)											0.00
4.4.1	Total phase-out of HCFC-142b agreed to be achieved under this Agreement (ODP tonnes)											0.00
4.4.2	Phase-out of HCFC-142b to be achieved in the previous stage (ODP tonnes)											0.00
4.4.3	Remaining eligible consumption for HCFC-142b (ODP tonnes)											1.18
4.5.1	Total phase-out of HCFC-141b contained in imported pre-blended polyols agreed to be achieved under this Agreement (ODP tonnes)											0.00
4.5.2	Phase-out of HCFC-141b contained in imported pre-blended polyols to be achieved in the previous stage (ODP tonnes)											0.00
4.5.3	Remaining eligible consumption for HCFC-141b contained in imported pre-blended polyols (ODP tonnes)											27.91

*Date of completion of stage I as per stage I Agreement: 31 December 2017

APPENDIX 3-A: FUNDING APPROVAL SCHEDULE

1. Funding for the future tranches will be considered for approval at the first meeting of the year specified in Appendix 2-A.

APPENDIX 4-A: FORMAT OF TRANCHE IMPLEMENTATION REPORTS AND PLANS

1. The submission of the Tranche Implementation Report and Plans for each tranche request will consist of five parts:
 - (a) A narrative report, with data provided by tranche, describing the progress achieved since the previous report, reflecting the situation of the Country in regard to phase out of the Substances, how the different activities contribute to it, and how they relate to each other. The report should include the amount of ODS phased out as a direct result from the implementation of activities, by substance, and the alternative technology used and the related phase-in of alternatives, to allow the Secretariat to provide to the Executive Committee information about the resulting change in climate relevant emissions. The report should further highlight successes, experiences, and challenges related to the different activities included in the Plan, reflecting any changes in the circumstances in the Country, and providing other relevant information. The report should also include information on and justification for any changes vis-à-vis the previously submitted Tranche Implementation Plan(s), such as delays, uses of the flexibility for reallocation of funds during implementation of a tranche, as provided for in paragraph 7 of this Agreement, or other changes;
 - (b) An independent verification report of the Plan results and the consumption of the Substances, as per sub-paragraph 5(b) of the Agreement. If not decided otherwise by the Executive Committee, such a verification has to be provided together with each tranche request and will have to provide verification of the consumption for all relevant years as specified in sub-paragraph 5(a) of the Agreement for which a verification report has not yet been acknowledged by the Committee;
 - (c) A written description of the activities to be undertaken during the period covered by the requested tranche, highlighting implementation milestones, the time of completion and the interdependence of the activities, and taking into account experiences made and progress achieved in the implementation of earlier tranches; the data in the plan will be provided by calendar year. The description should also include a reference to the overall Plan and progress achieved, as well as any possible changes to the overall Plan that are foreseen. The description should also specify and explain in detail such changes to the overall plan. This description of future activities can be submitted as a part of the same document as the narrative report under sub-paragraph (b) above;
 - (d) A set of quantitative information for all Tranche Implementation Reports and Plans, submitted through an online database; and
 - (e) An Executive Summary of about five paragraphs, summarizing the information of the above sub-paragraphs 1(a) to 1(d).

2. In the event that in a particular year two stages of the HPMP are being implemented in parallel, the following considerations should be taken in preparing the Tranche Implementation Reports and Plans:

- (a) The Tranche Implementation Reports and Plans referred to as part of this Agreement, will exclusively refer to activities and funds covered by this Agreement; and
- (b) If the stages under implementation have different HCFC consumption targets under Appendix 2-A of each Agreement in a particular year, the lower HCFC consumption target will be used as reference for compliance with these Agreements and will be the basis for the independent verification.

APPENDIX 5-A: MONITORING INSTITUTIONS AND ROLES

1. Overall supervision will be provided by the Ministry of Production, through the National Ozone Office, with assistance from the Lead IA and the Cooperating IA.

2. Consumption will be monitored and determined from official data of import and export of substances as registered by the relevant government departments. The National Ozone Office will compile and report the following data and information each year on, or before the deadlines:

- (a) Annual reports on the consumption of the substances to be submitted to the Ozone Secretariat, and
- (b) Annual reports on progress in implementing the HPMP to be submitted to the Executive Committee of the Multilateral Fund.

3. The National Ozone Office and the Lead IA will jointly hire a qualified independent entity to conduct a qualitative and quantitative performance assessment of the implementation of the HPMP. The agency responsible for evaluation will have full access to relevant technical and financial information related to the implementation of the HPMP.

APPENDIX 6-A: ROLE OF THE LEAD IMPLEMENTING AGENCY

1. The Lead IA will be responsible for a range of activities, including at least the following:

- (a) Ensuring performance and financial verification in accordance with this Agreement and with its specific internal procedures and requirements as set out in the Country's HPMP;
- (b) Assisting the Country in preparation of the Tranche Implementation Reports and Plans as per Appendix 4-A;
- (c) Providing independent verification to the Executive Committee that the Targets have been met and associated tranche activities have been completed as indicated in the Tranche Implementation Plan consistent with Appendix 4-A;
- (d) Ensuring that the experiences and progress is reflected in updates of the overall plan and in future Tranche Implementation Plans consistent with sub-paragraphs 1(c) and 1(d) of Appendix 4-A;

- (e) Fulfilling the reporting requirements for the Tranche Implementation Reports and Plans and the overall plan as specified in Appendix 4-A for submission to the Executive Committee, and should include the activities implemented by the Cooperating IA;
- (f) In the event that the last funding tranche is requested one or more years prior to the last year for which a consumption target had been established, annual tranche implementation reports and, where applicable, verification reports on the current stage of the Plan should be submitted until all activities foreseen had been completed and HCFC consumption targets had been met;
- (g) Ensuring that appropriate independent technical experts carry out the technical reviews;
- (h) Carrying out required supervision missions;
- (i) Ensuring the presence of an operating mechanism to allow effective, transparent implementation of the Tranche Implementation Plan and accurate data reporting;
- (j) Co-ordinating the activities of the Cooperating IA, and ensuring appropriate sequence of activities;
- (k) In case of reductions in funding for failure to comply in accordance with paragraph 11 of the Agreement, to determine, in consultation with the Country and the Cooperating IA, the allocation of the reductions to the different budget items and to the funding of the Lead IA and each Cooperating IA;
- (l) Ensuring that disbursements made to the Country are based on the use of the indicators;
- (m) Providing assistance with policy, management and technical support when required;
- (n) Reaching consensus with the Cooperating IA on any planning, coordination and reporting arrangements required to facilitate the implementation of the Plan; and
- (o) Timely releasing funds to the country/participating enterprises for completing the activities related to the project.

2. After consultation with the Country and taking into account any views expressed, the Lead IA will select and mandate an independent entity to carry out the verification of the HPMP results and the consumption of the Substances mentioned in Appendix 1-A, as per sub-paragraph 5(b) of the Agreement and sub-paragraph 1(b) of Appendix 4-A.

APPENDIX 6-B: ROLE OF THE COOPERATING IMPLEMENTING AGENCY

1. The Cooperating IA will be responsible for a range of activities. These activities are specified in the Plan, including at least the following:

- (a) Providing assistance for policy development when required;
- (b) Assisting the Country in the implementation and assessment of the activities funded by the Cooperating IA, and refer to the Lead IA to ensure a co-ordinated sequence in the activities;

- (c) Providing reports to the Lead IA on these activities, for inclusion in the consolidated reports as per Appendix 4-A; and
- (d) Reaching consensus with the Lead IA on any planning, coordination and reporting arrangements required to facilitate the implementation of the Plan.

APPENDIX 7-A: REDUCTIONS IN FUNDING FOR FAILURE TO COMPLY

1. In accordance with paragraph 11 of the Agreement, the amount of funding provided may be reduced by US \$190.97 per ODP kg of consumption beyond the level defined in row 1.2 of Appendix 2-A for each year in which the target specified in row 1.2 of Appendix 2-A has not been met, on the understanding that the maximum funding reduction would not exceed the funding level of the tranche being requested. Additional measures might be considered in cases where non-compliance extends for two consecutive years.

2. In the event that the penalty needs to be applied for a year in which there are two Agreements in force (two stages of the HPMP being implemented in parallel) with different penalty levels, the application of the penalty will be determined on a case-by-case basis taking into consideration the specific sectors that lead to the non-compliance. If it is not possible to determine a sector, or both stages are addressing the same sector, the penalty level to be applied would be the largest.

APPENDIX 8-A: SECTOR SPECIFIC ARRANGEMENTS

3. During implementation of stage II of the HPMP the Government of Peru could submit a project to phase out the use of HCFC-141b contained in imported pre-blended polyols in the polyurethane foam sector, when proven cost-effective and commercially available low-GWP technology makes it possible.

Annex XVIII

AGREEMENT BETWEEN THE GOVERNMENT OF THE PHILIPPINES AND THE EXECUTIVE COMMITTEE OF THE MULTILATERAL FUND FOR THE REDUCTION IN CONSUMPTION OF HYDROCHLOROFLUOROCARBONS IN ACCORDANCE WITH STAGE II OF THE HCFC PHASE-OUT MANAGEMENT PLAN

Purpose

1. This Agreement represents the understanding of the Government of the Philippines (the “Country”) and the Executive Committee with respect to the reduction of controlled use of the ozone depleting substances (ODS) set out in Appendix 1-A (“The Substances”) to a sustained level of 82.56 ODP tonnes by 1 January 2021 in compliance with Montreal Protocol schedule.
2. The Country agrees to meet the annual consumption limits of the Substances as set out in row 1.2 of Appendix 2-A (“The Targets, and Funding”) in this Agreement as well as in the Montreal Protocol reduction schedule for all Substances mentioned in Appendix 1-A. The Country accepts that, by its acceptance of this Agreement and performance by the Executive Committee of its funding obligations described in paragraph 3, it is precluded from applying for or receiving further funding from the Multilateral Fund in respect to any consumption of the Substances that exceeds the level defined in row 1.2 of Appendix 2-A as the final reduction step under this Agreement for all of the Substances specified in Appendix 1-A, and in respect to any consumption of each of the Substances that exceeds the level defined in rows 4.1.3, 4.2.3 and 4.3.3.(remaining consumption eligible for funding).
3. Subject to compliance by the Country with its obligations set out in this Agreement, the Executive Committee agrees, in principle, to provide the funding set out in row 3.1 of Appendix 2-A to the Country. The Executive Committee will, in principle, provide this funding at the Executive Committee meetings specified in Appendix 3-A (“Funding Approval Schedule”).
4. The Country agrees to implement this Agreement in accordance with the stage II of the HCFC phase-out management plan (HPMP) approved (“the Plan”). In accordance with sub-paragraph 5(b) of this Agreement, the Country will accept independent verification of the achievement of the annual consumption limits of the Substances as set out in row 1.2 of Appendix 2-A of this Agreement. The aforementioned verification will be commissioned by the relevant implementing agency.

Conditions for funding release

5. The Executive Committee will only provide the Funding in accordance with the Funding Approval Schedule when the Country satisfies the following conditions at least eight weeks in advance of the applicable Executive Committee meeting set out in the Funding Approval Schedule:
 - (a) That the Country has met the Targets set out in row 1.2 of Appendix 2-A for all relevant years. Relevant years are all years since the year in which this Agreement was approved. Years for which there are no due country programme implementation reports at the date of the Executive Committee meeting at which the funding request is being presented are exempted;
 - (b) That the meeting of these Targets has been independently verified for all relevant years, unless the Executive Committee decided that such verification would not be required;
 - (c) That the Country had submitted a Tranche Implementation Report in the form of Appendix 4-A (“Format of Tranche Implementation Reports and Plans”) covering each

previous calendar year; that it had achieved a significant level of implementation of activities initiated with previously approved tranches; and that the rate of disbursement of funding available from the previously approved tranche was more than 20 per cent; and

- (d) That the Country has submitted a Tranche Implementation Plan in the form of Appendix 4-A covering each calendar year until and including the year for which the funding schedule foresees the submission of the next tranche or, in case of the final tranche, until completion of all activities foreseen.

Monitoring

6. The Country will ensure that it conducts accurate monitoring of its activities under this Agreement. The institutions set out in Appendix 5-A (“Monitoring Institutions and Roles”) will monitor and report on implementation of the activities in the previous Tranche Implementation Plans in accordance with their roles and responsibilities set out in the same appendix.

Flexibility in the reallocation of funds

7. The Executive Committee agrees that the Country may have the flexibility to reallocate part or all of the approved funds, according to the evolving circumstances to achieve the smoothest reduction of consumption and phase-out of the Substances specified in Appendix 1-A:

- (a) Reallocations categorized as major changes must be documented in advance either in a Tranche Implementation Plan as foreseen in sub-paragraph 5(d) above, or as a revision to an existing Tranche Implementation Plan to be submitted eight weeks prior to any meeting of the Executive Committee, for its approval. Major changes would relate to:
 - (i) Issues potentially concerning the rules and policies of the Multilateral Fund;
 - (ii) Changes which would modify any clause of this Agreement;
 - (iii) Changes in the annual levels of funding allocated to individual bilateral or implementing agencies for the different tranches;
 - (iv) Provision of funding for activities not included in the current endorsed Tranche Implementation Plan, or removal of an activity in the Tranche Implementation Plan, with a cost greater than 30 per cent of the total cost of the last approved tranche; and
 - (v) Changes in alternative technologies, on the understanding that any submission for such a request would identify the associated incremental costs, the potential impact to the climate, and any differences in ODP tonnes to be phased out if applicable, as well as confirm that the Country agrees that potential savings related to the change of technology would decrease the overall funding level under this Agreement accordingly.
- (b) Reallocations not categorized as major changes may be incorporated in the approved Tranche Implementation Plan, under implementation at the time, and reported to the Executive Committee in the subsequent Tranche Implementation Report;
- (c) Any enterprise to be converted to non-HCFC technology included in the Plan and that would be found to be ineligible under the policies of the Multilateral Fund (i.e., due to

foreign ownership or establishment post the 21 September 2007 cut-off date), would not receive financial assistance. This information would be reported as part of the Tranche Implementation Plan;

- (d) The Country commits to examining the possibility of using pre-blended systems with low-global warming potential blowing agents instead of blending them in-house, for those foam enterprises covered under the Plan, should this be technically viable, economically feasible and acceptable to the enterprises;
- (e) The Country agrees, in cases where HFC technologies have been chosen as an alternative to HCFCs, and taking into account national circumstances related to health and safety: to monitor the availability of substitutes and alternatives that further minimize impacts on the climate; to consider, in the review of regulations, standards and incentives, adequate provisions that encourage introduction of such alternatives; and to consider the potential for adoption of cost-effective alternatives that minimize the climate impact in the implementation of the HPMP, as appropriate, and inform the Executive Committee on the progress accordingly in tranche implementation reports; and
- (f) Any remaining funds held by the bilateral or implementing agencies or the Country under the Plan will be returned to the Multilateral Fund upon completion of the last tranche foreseen under this Agreement.

8. Specific attention will be paid to the execution of the activities in the refrigeration servicing sub-sector included in the Plan, in particular:

- (a) The Country would use the flexibility available under this Agreement to address specific needs that might arise during project implementation; and
- (b) The Country and relevant implementing agencies would take into consideration relevant decisions on the refrigeration servicing sector during the implementation of the Plan.

Bilateral and implementing agencies

9. The Country agrees to assume overall responsibility for the management and implementation of this Agreement and of all activities undertaken by it or on its behalf to fulfil the obligations under this Agreement. The World Bank has agreed to be the lead implementing agency (the "Lead IA") in respect of the Country's activities under this Agreement. The Country agrees to evaluations, which might be carried out under the monitoring and evaluation work programmes of the Multilateral Fund or under the evaluation programme of the Lead IA taking part in this Agreement.

10. The Lead IA will be responsible for ensuring co-ordinated planning, implementation and reporting of all activities under this Agreement, including but not limited to independent verification as per sub-paragraph 5(b). The role of the Lead IA is contained in Appendix 6-A. The Executive Committee agrees, in principle, to provide the Lead IA with the fees set out in row 2.2 of Appendix 2-A.

Non-compliance with the Agreement

11. Should the Country, for any reason, not meet the Targets for the elimination of the Substances set out in row 1.2 of Appendix 2-A or otherwise does not comply with this Agreement, then the Country agrees that it will not be entitled to the Funding in accordance with the Funding Approval Schedule. At the discretion of the Executive Committee, funding will be reinstated according to a revised Funding Approval Schedule determined by the Executive Committee after the Country has demonstrated that it has satisfied

all of its obligations that were due to be met prior to receipt of the next tranche of funding under the Funding Approval Schedule. The Country acknowledges that the Executive Committee may reduce the amount of the Funding by the amount set out in Appendix 7-A (“Reductions in Funding for Failure to Comply”) in respect of each ODP kilogram of reductions in consumption not achieved in any one year. The Executive Committee will discuss each specific case in which the Country did not comply with this Agreement, and take related decisions. Once decisions are taken, the specific case of non-compliance with this Agreement, will not be an impediment for the provision of funding for future tranches as per paragraph 5 above.

12. The Funding of this Agreement will not be modified on the basis of any future Executive Committee decision that may affect the funding of any other consumption sector projects or any other related activities in the Country.

13. The Country will comply with any reasonable request of the Executive Committee and the Lead IA to facilitate implementation of this Agreement. In particular, it will provide the Lead IA with access to the information necessary to verify compliance with this Agreement.

Date of Completion

14. The completion of the Plan and the associated Agreement will take place at the end of the year following the last year for which a maximum allowable total consumption level has been specified in Appendix 2-A. Should at that time there still be activities that are outstanding, and which were foreseen in the last Tranche Implementation Plan and its subsequent revisions as per sub-paragraph 5(d) and paragraph 7, the completion of the Plan will be delayed until the end of the year following the implementation of the remaining activities. The reporting requirements as per sub-paragraphs 1(a), 1(b), 1(d), and 1(e) of Appendix 4-A will continue until the time of the completion of the Plan unless otherwise specified by the Executive Committee.

Validity

15. All of the conditions set out in this Agreement are undertaken solely within the context of the Montreal Protocol and as specified in this Agreement. All terms used in this Agreement have the meaning ascribed to them in the Montreal Protocol unless otherwise defined herein.

16. This Agreement may be modified or terminated only by mutual written agreement of the Country and the Executive Committee of the Multilateral Fund.

APPENDICES

APPENDIX 1-A: THE SUBSTANCES

Substance	Annex	Group	Starting point for aggregate reductions in consumption (ODP tonnes)
HCFC-22	C	I	109.32
HCFC-123	C	I	1.70
HCFC-141b	C	I	51.85
Total	C	I	162.87

APPENDIX 2-A: THE TARGETS, AND FUNDING

Row	Particulars	2017	2018	2019	2020	2021	Total
1.1	Montreal Protocol reduction schedule of Annex C, Group I substances (ODP tonnes)	187.56	187.56	187.56	135.46	135.46	n/a
1.2	Maximum allowable total consumption of Annex C, Group I substances (ODP tonnes)	129.52	129.52	129.52	105.87	82.56	n/a
2.1	Lead IA (The World Bank) agreed funding (US \$)	1,010,023	0	1,450,029	0	290,005	2,750,057
2.2	Support costs for Lead IA (US \$)	70,702	0	101,502	0	20,300	192,504
3.1	Total agreed funding (US \$)	1,010,023	0	1,450,029	0	290,005	2,750,057
3.2	Total support costs (US \$)	70,702	0	101,502	0	20,300	192,504
3.3	Total agreed costs (US \$)	1,080,725	0	1,551,531	0	310,305	2,942,561
4.1.1	Total phase-out of HCFC-22 agreed to be achieved under this Agreement (ODP tonnes)						23.44
4.1.2	Phase-out of HCFC-22 to be achieved in previously approved projects (ODP tonnes)						2.00
4.1.3	Remaining eligible consumption for HCFC-22 (ODP tonnes)						83.88
4.2.1	Total phase-out of HCFC-123 agreed to be achieved under this Agreement (ODP tonnes)						0.00
4.2.2	Phase-out of HCFC-123 to be achieved in previously approved projects (ODP tonnes)						0.00
4.2.3	Remaining eligible consumption for HCFC-123 (ODP tonnes)						1.70
4.3.1	Total phase-out of HCFC-141b agreed to be achieved under this Agreement (ODP tonnes)						1.15
4.3.2	Phase-out of HCFC-141b to be achieved in previously approved projects (ODP tonnes)						43.00
4.3.3	Remaining eligible consumption for HCFC-141b (ODP tonnes)						7.70

APPENDIX 3-A: FUNDING APPROVAL SCHEDULE

1. Funding for the future tranches will be considered for approval at the second Executive Committee meeting of the year specified in Appendix 2-A.

APPENDIX 4-A: FORMAT OF TRANCHE IMPLEMENTATION REPORTS AND PLANS

1. The submission of the Tranche Implementation Report and Plans for each tranche request will consist of five parts:

- (a) A narrative report, with data provided by tranche, describing the progress achieved since the previous report, reflecting the situation of the Country in regard to phase out of the Substances, how the different activities contribute to it, and how they relate to each other. The report should include ODS phase-out as a direct result from the implementation of activities, by substance, and the alternative technology used and the related phase-in of alternatives, to allow the Secretariat to provide to the Executive Committee information about the resulting change in climate relevant emissions. The report should further highlight successes, experiences, and challenges related to the different activities included in the Plan, reflecting any changes in the circumstances in the Country, and providing other relevant information. The report should also include information on and justification for any changes vis-à-vis the previously submitted Tranche Implementation Plan(s), such as

delays, uses of the flexibility for reallocation of funds during implementation of a tranche, as provided for in paragraph 7 of this Agreement, or other changes;

- (b) An independent verification report of the Plan results and the consumption of the Substances, as per sub-paragraph 5(b) of the Agreement. If not decided otherwise by the Executive Committee, such a verification has to be provided together with each tranche request and will have to provide verification of the consumption for all relevant years as specified in sub-paragraph 5(a) of the Agreement for which a verification report has not yet been acknowledged by the Committee;
- (c) A written description of the activities to be undertaken during the period covered by the requested tranche, highlighting implementation milestones, the time of completion and the interdependence of the activities, and taking into account experiences made and progress achieved in the implementation of earlier tranches; the data in the plan will be provided by calendar year. The description should also include a reference to the overall plan and progress achieved, as well as any possible changes to the overall plan that are foreseen. The description should also specify and explain in detail such changes to the overall plan. This description of future activities can be submitted as a part of the same document as the narrative report under sub-paragraph (b) above;
- (d) A set of quantitative information for all Tranche Implementation Reports and Plans, submitted through an online database; and
- (e) An Executive Summary of about five paragraphs, summarizing the information of the above sub-paragraphs 1(a) to 1(d).

2. In the event that in a particular year two stages of the HPMP are being implemented in parallel, the following considerations should be taken in preparing the Tranche Implementation Reports and Plans:

- (a) The Tranche Implementation Reports and Plans referred to as part of this Agreement, will exclusively refer to activities and funds covered by this Agreement; and
- (b) If the stages under implementation have different HCFC consumption targets under Appendix 2-A of each Agreement in a particular year, the lower HCFC consumption target will be used as reference for compliance with these Agreements and will be the basis for the independent verification.

APPENDIX 5-A: MONITORING INSTITUTIONS AND ROLES

3. In order to assist the Country in monitoring and evaluating the progress of Agreement implementation, the Project Management Unit within the Department of Environment and Natural Resources – Environmental Management Bureau (DENR-EMB) will be responsible for:

- (a) Coordination with stakeholders in the public and private sectors;
- (b) Preparation or review of terms of reference for consultancy services to support implementation, and supervision of HCFC phase-out activities;
- (c) Preparation of monitoring reports in cooperation with the Lead IA and as required by the Executive Committee, including the Tranche Implementation Reports and Plans according to the schedule set forth in Appendix 2-A;

- (d) Facilitating project supervision or evaluation as may be required by the Lead IA and the Monitoring and Evaluation Officer of the Executive Committee;
- (e) Undertaking procurement of goods and services necessary for implementation of the commercial refrigeration and foam sector plans, technical assistance, and monitoring and supervising works of the consultants;
- (f) Financial management to ensure effective use of the Multilateral Fund resources;
- (g) Updating and maintenance of a project management information system;
- (h) Facilitating performance and financial audits as required;
- (i) Organizing meetings and workshops for DENR-EMB's staff and staff of other relevant agencies to ensure full cooperation of all stakeholders in the HCFC phase-out efforts;
- (j) Informing the industry of the availability of funds from the Multilateral Fund;
- (k) Organizing training and technical assistance for the beneficiaries;
- (l) Supervision and evaluation of projects with assistance from technical experts to be engaged as part of the technical assistance component; and
- (m) Monitoring progress of HCFC phase-out on the demand side by direct oversight of subproject implementation.

APPENDIX 6-A: ROLE OF THE LEAD IMPLEMENTING AGENCY

1. The Lead IA will be responsible for a range of activities, including at least the following:
 - (a) Ensuring performance and financial verification in accordance with this Agreement and with its specific internal procedures and requirements as set out in the Country's HPMP;
 - (b) Assisting the Country in preparation of the Tranche Implementation Reports and Plans as per Appendix 4-A;
 - (c) Providing independent verification to the Executive Committee that the Targets have been met and associated tranche activities have been completed as indicated in the Tranche Implementation Plan consistent with Appendix 4-A;
 - (d) Ensuring that the experiences and progress is reflected in updates of the overall plan and in future Tranche Implementation Plans consistent with sub-paragraphs 1(c) and 1(d) of Appendix 4-A;
 - (e) Fulfilling the reporting requirements for the Tranche Implementation Reports and Plans and the overall plan as specified in Appendix 4-A for submission to the Executive Committee;
 - (f) In the event that the last funding tranche is requested one or more years prior to the last year for which a consumption target had been established, annual tranche implementation reports and, where applicable, verification reports on the current stage of the Plan should

be submitted until all activities foreseen had been completed and HCFC consumption targets had been met;

- (g) Ensuring that appropriate independent technical experts carry out the technical reviews;
- (h) Carrying out required supervision missions;
- (i) Ensuring the presence of an operating mechanism to allow effective, transparent implementation of the Tranche Implementation Plan and accurate data reporting;
- (j) In case of reductions in funding for failure to comply in accordance with paragraph 11 of the Agreement, to determine, in consultation with the Country, the allocation of the reductions to the different budget items and to the funding of the Lead IA;
- (k) Ensuring that disbursements made to the Country are based on the use of the indicators;
- (l) Providing assistance with policy, management and technical support when required; and
- (m) Timely releasing funds to the country/participating enterprises for completing the activities related to the project.

2. After consultation with the Country and taking into account any views expressed, the Lead IA will select and mandate an independent entity to carry out the verification of the HPMP results and the consumption of the Substances mentioned in Appendix 1-A, as per sub-paragraph 5(b) of the Agreement and sub-paragraph 1(b) of Appendix 4-A.

APPENDIX 7-A: REDUCTIONS IN FUNDING FOR FAILURE TO COMPLY

1. In accordance with paragraph 11 of the Agreement, the amount of funding provided may be reduced by US \$220 per ODP kg of consumption beyond the level defined in row 1.2 of Appendix 2-A for each year in which the target specified in row 1.2 of Appendix 2-A has not been met, on the understanding that the maximum funding reduction would not exceed the funding level of the tranche being requested. Additional measures might be considered in cases where non-compliance extends for two consecutive years.

2. In the event that the penalty needs to be applied for a year in which there are two Agreements in force (two stages of the HPMP being implemented in parallel) with different penalty levels, the application of the penalty will be determined on a case-by-case basis taking into consideration the specific sectors that lead to the non-compliance. If it is not possible to determine a sector, or both stages are addressing the same sector, the penalty level to be applied would be the largest.

Annex XIX

AGREEMENT BETWEEN THE GOVERNMENT OF TIMOR-LESTE AND THE EXECUTIVE COMMITTEE OF THE MULTILATERAL FUND FOR THE REDUCTION IN CONSUMPTION OF HYDROCHLOROFLUOROCARBONS IN ACCORDANCE WITH STAGE II OF THE HCFC PHASE-OUT MANAGEMENT PLAN

Purpose

1. This Agreement represents the understanding of the Government of Timor-Leste (the “Country”) and the Executive Committee with respect to the reduction of controlled use of the ozone-depleting substances (ODS) set out in Appendix 1-A (“The Substances”) to a sustained level of 0.11 ODP tonnes by 1 January 2025 in compliance with Montreal Protocol schedule.
2. The Country agrees to meet the annual consumption limits of the Substances as set out in row 1.2 of Appendix 2-A (“The Targets, and Funding”) in this Agreement as well as in the Montreal Protocol reduction schedule for all Substances mentioned in Appendix 1-A. The Country accepts that, by its acceptance of this Agreement and performance by the Executive Committee of its funding obligations described in paragraph 3, it is precluded from applying for or receiving further funding from the Multilateral Fund in respect to any consumption of the Substances that exceeds the level defined in row 1.2 of Appendix 2-A as the final reduction step under this Agreement for all of the Substances specified in Appendix 1-A, and in respect to any consumption of each of the Substances that exceeds the level defined in row 4.1.3 (remaining consumption eligible for funding).
3. Subject to compliance by the Country with its obligations set out in this Agreement, the Executive Committee agrees, in principle, to provide the funding set out in row 3.1 of Appendix 2-A to the Country. The Executive Committee will, in principle, provide this funding at the Executive Committee meetings specified in Appendix 3-A (“Funding Approval Schedule”).
4. The Country agrees to implement this Agreement in accordance with the stage II of the HCFC phase-out management plan (HPMP) approved (“the Plan”). In accordance with sub-paragraph 5(b) of this Agreement, the Country will accept independent verification of the achievement of the annual consumption limits of the Substances as set out in row 1.2 of Appendix 2-A of this Agreement. The aforementioned verification will be commissioned by the relevant bilateral or implementing agency.

Conditions for funding release

5. The Executive Committee will only provide the Funding in accordance with the Funding Approval Schedule when the Country satisfies the following conditions at least eight weeks in advance of the applicable Executive Committee meeting set out in the Funding Approval Schedule:
 - (a) That the Country has met the Targets set out in row 1.2 of Appendix 2-A for all relevant years. Relevant years are all years since the year in which this Agreement was approved. Years for which there are no due country programme implementation reports at the date of the Executive Committee meeting at which the funding request is being presented are exempted;
 - (b) That the meeting of these Targets has been independently verified for all relevant years, unless the Executive Committee decided that such verification would not be required;

- (c) That the Country had submitted a Tranche Implementation Report in the form of Appendix 4-A (“Format of Tranche Implementation Reports and Plans”) covering each previous calendar year; that it had achieved a significant level of implementation of activities initiated with previously approved tranches; and that the rate of disbursement of funding available from the previously approved tranche was more than 20 per cent; and
- (d) That the Country has submitted a Tranche Implementation Plan in the form of Appendix 4-A covering each calendar year until and including the year for which the funding schedule foresees the submission of the next tranche or, in case of the final tranche, until completion of all activities foreseen.

Monitoring

6. The Country will ensure that it conducts accurate monitoring of its activities under this Agreement. The institutions set out in Appendix 5-A (“Monitoring Institutions and Roles”) will monitor and report on implementation of the activities in the previous Tranche Implementation Plans in accordance with their roles and responsibilities set out in the same appendix.

Flexibility in the reallocation of funds

7. The Executive Committee agrees that the Country may have the flexibility to reallocate part or all of the approved funds, according to the evolving circumstances to achieve the smoothest reduction of consumption and phase-out of the Substances specified in Appendix 1-A:

- (a) Reallocations categorized as major changes must be documented in advance either in a Tranche Implementation Plan as foreseen in sub-paragraph 5(d) above, or as a revision to an existing Tranche Implementation Plan to be submitted eight weeks prior to any meeting of the Executive Committee, for its approval. Major changes would relate to:
 - (i) Issues potentially concerning the rules and policies of the Multilateral Fund;
 - (ii) Changes which would modify any clause of this Agreement;
 - (iii) Changes in the annual levels of funding allocated to individual bilateral or implementing agencies for the different tranches;
 - (iv) Provision of funding for activities not included in the current endorsed Tranche Implementation Plan, or removal of an activity in the Tranche Implementation Plan, with a cost greater than 30 per cent of the total cost of the last approved tranche; and
- (b) Reallocations not categorized as major changes may be incorporated in the approved Tranche Implementation Plan, under implementation at the time, and reported to the Executive Committee in the subsequent Tranche Implementation Report; and
- (c) Any remaining funds held by the bilateral or implementing agencies or the Country under the Plan will be returned to the Multilateral Fund upon completion of the last tranche foreseen under this Agreement.

Considerations for the refrigeration servicing sector

8. Specific attention will be paid to the execution of the activities in the refrigeration servicing sector included in the Plan, in particular:

- (a) The Country would use the flexibility available under this Agreement to address specific needs that might arise during project implementation; and
- (b) The Country and relevant bilateral and/or implementing agencies would take into consideration relevant decisions on the refrigeration servicing sector during the implementation of the Plan.

Bilateral and implementing agencies

9. The Country agrees to assume overall responsibility for the management and implementation of this Agreement and of all activities undertaken by it or on its behalf to fulfil the obligations under this Agreement. UNEP has agreed to be the lead implementing agency (the “Lead IA”) and UNDP has agreed to be the cooperating implementing agency (the “Cooperating IA”) under the lead of the Lead IA in respect of the Country’s activities under this Agreement. The Country agrees to evaluations, which might be carried out under the monitoring and evaluation work programmes of the Multilateral Fund or under the evaluation programme of the Lead IA and/or Cooperating IA taking part in this Agreement.

10. The Lead IA will be responsible for ensuring co-ordinated planning, implementation and reporting of all activities under this Agreement, including but not limited to independent verification as per sub-paragraph 5(b). The Cooperating IA will support the Lead IA by implementing the Plan under the overall co-ordination of the Lead IA. The roles of the Lead IA and Cooperating IA are contained in Appendix 6-A and Appendix 6-B, respectively. The Executive Committee agrees, in principle, to provide the Lead IA and the Cooperating IA with the fees set out in rows 2.2 and 2.4 of Appendix 2-A.

Non-compliance with the Agreement

11. Should the Country, for any reason, not meet the Targets for the elimination of the Substances set out in row 1.2 of Appendix 2-A or otherwise does not comply with this Agreement, then the Country agrees that it will not be entitled to the Funding in accordance with the Funding Approval Schedule. At the discretion of the Executive Committee, funding will be reinstated according to a revised Funding Approval Schedule determined by the Executive Committee after the Country has demonstrated that it has satisfied all of its obligations that were due to be met prior to receipt of the next tranche of funding under the Funding Approval Schedule. The Country acknowledges that the Executive Committee may reduce the amount of the Funding by the amount set out in Appendix 7-A (“Reductions in Funding for Failure to Comply”) in respect of each ODP kg of reductions in consumption not achieved in any one year. The Executive Committee will discuss each specific case in which the Country did not comply with this Agreement, and take related decisions. Once decisions are taken, the specific case of non-compliance with this Agreement will not be an impediment for the provision of funding for future tranches as per paragraph 5 above.

12. The Funding of this Agreement will not be modified on the basis of any future Executive Committee decisions that may affect the funding of any other consumption sector projects or any other related activities in the Country.

13. The Country will comply with any reasonable request of the Executive Committee, the Lead IA and the Cooperating IA to facilitate implementation of this Agreement. In particular, it will provide the

Lead IA and the Cooperating IA with access to the information necessary to verify compliance with this Agreement.

Date of completion

14. The completion of the Plan and the associated Agreement will take place at the end of the year following the last year for which a maximum allowable total consumption level has been specified in Appendix 2-A. Should at that time there still be activities that are outstanding, and which were foreseen in the last Tranche Implementation Plan and its subsequent revisions as per sub-paragraph 5(d) and paragraph 7, the completion of the Plan will be delayed until the end of the year following the implementation of the remaining activities. The reporting requirements as per sub-paragraphs 1(a), 1(b), 1(d), and 1(e) of Appendix 4-A will continue until the time of the completion of the Plan unless otherwise specified by the Executive Committee.

Validity

15. All of the conditions set out in this Agreement are undertaken solely within the context of the Montreal Protocol and as specified in this Agreement. All terms used in this Agreement have the meaning ascribed to them in the Montreal Protocol unless otherwise defined herein.

16. This Agreement may be modified or terminated only by mutual written agreement of the Country and the Executive Committee of the Multilateral Fund.

APPENDICES

APPENDIX 1-A: THE SUBSTANCES

Substance	Annex	Group	Starting point for aggregate reductions in consumption (ODP tonnes)
HCFC-22	C	I	0.5

APPENDIX 2-A: THE TARGETS, AND FUNDING

Row	Particulars	2017	2018	2019	2020	2021	2022	2023	2024	2025	Total
1.1	Montreal Protocol reduction schedule of Annex C, Group I substances (ODP tonnes)	0.45	0.45	0.45	0.33	0.33	0.33	0.33	0.33	0.16	n/a
1.2	Maximum allowable total consumption of Annex C, Group I substances (ODP tonnes)	0.45	0.39	0.39	0.30	0.30	0.28	0.28	0.17	0.11	n/a
2.1	Lead IA (UNEP) agreed funding (US \$)	83,000	0	0		62,000	0	41,000	0	20,880	206,880
2.2	Support costs for Lead IA (US \$)	10,790	0	0		8,060	0	5,330	0	2,714	26,894
2.3	Cooperating IA (UNDP) agreed funding (US \$)	55,000	0	0		41,500	0	27,500	0	13,920	137,920
2.4	Support costs for Cooperating IA (US \$)	4,950	0	0		3,735	0	2,475	0	1,253	12,413
3.1	Total agreed funding (US \$)	138,000	0	0		103,500	0	68,500	0	34,800	344,800
3.2	Total support cost (US \$)	15,740	0	0		11,795	0	7,805	0	3,967	39,307
3.3	Total agreed costs (US \$)	153,740	0	0		115,295	0	76,305	0	38,767	384,107
4.1.1	Total phase-out of HCFC-22 agreed to be achieved under this Agreement (ODP tonnes)										0.34
4.1.2	Phase-out of HCFC-22 to be achieved in the previous stage (ODP tonnes)										0.05
4.1.3	Remaining eligible consumption for HCFC-22 (ODP tonnes)										0.11

*Date of completion of stage I of the HPMP is 31 December 2018.

APPENDIX 3-A: FUNDING APPROVAL SCHEDULE

1. Funding for the future tranches will be considered for approval at the last meeting of the year specified in Appendix 2-A.

APPENDIX 4-A: FORMAT OF TRANCHE IMPLEMENTATION REPORTS AND PLANS

1. The submission of the Tranche Implementation Report and Plans for each tranche request will consist of five parts:

- (a) A narrative report, with data provided by tranche, describing the progress achieved since the previous report, reflecting the situation of the Country in regard to phase out of the Substances, how the different activities contribute to it, and how they relate to each other. The report should include the amount of ODS phased out as a direct result from the implementation of activities, by substance, and the alternative technology used and the related phase-in of alternatives, to allow the Secretariat to provide to the Executive Committee information about the resulting change in climate relevant emissions. The report should further highlight successes, experiences, and challenges related to the different activities included in the Plan, reflecting any changes in the circumstances in the Country, and providing other relevant information. The report should also include information on and justification for any changes vis-à-vis the previously submitted Tranche Implementation Plan(s), such as delays, uses of the flexibility for reallocation of funds

during implementation of a tranche, as provided for in paragraph 7 of this Agreement, or other changes;

- (b) An independent verification report of the Plan results and the consumption of the Substances, as per sub-paragraph 5(b) of the Agreement. If not decided otherwise by the Executive Committee, such a verification has to be provided together with each tranche request and will have to provide verification of the consumption for all relevant years as specified in sub-paragraph 5(a) of the Agreement for which a verification report has not yet been acknowledged by the Committee;
 - (c) A written description of the activities to be undertaken during the period covered by the requested tranche, highlighting implementation milestones, the time of completion and the interdependence of the activities, and taking into account experiences made and progress achieved in the implementation of earlier tranches; the data in the plan will be provided by calendar year. The description should also include a reference to the overall Plan and progress achieved, as well as any possible changes to the overall Plan that are foreseen. The description should also specify and explain in detail such changes to the overall plan. This description of future activities can be submitted as a part of the same document as the narrative report under sub-paragraph (b) above;
 - (d) A set of quantitative information for all Tranche Implementation Reports and Plans, submitted through an online database; and
 - (e) An Executive Summary of about five paragraphs, summarizing the information of the above sub-paragraphs 1(a) to 1(d).
2. In the event that in a particular year two stages of the HPMP are being implemented in parallel, the following considerations should be taken in preparing the Tranche Implementation Reports and Plans:
- (a) The Tranche Implementation Reports and Plans referred to as part of this Agreement, will exclusively refer to activities and funds covered by this Agreement; and
 - (b) If the stages under implementation have different HCFC consumption targets under Appendix 2-A of each Agreement in a particular year, the lower HCFC consumption target will be used as reference for compliance with these Agreements and will be the basis for the independent verification.

APPENDIX 5-A: MONITORING INSTITUTIONS AND ROLES

1. The Directorate General for Environment of the Ministry of Commerce, Industry and Environment (MCIE) will be responsible for the overall project monitoring of all activities under stage II of the HPMP. The national ozone unit (NOU) will be responsible for the planning, coordination, implementation of daily work of the project implementation. It will also assist the Government and non-governmental organizations, to streamline their activities for smooth implementation of the projects. The NOU will submit annual progress reports on the status of the implementation to the Lead IA and the Cooperating IA to monitor implementation progress stage II of the HPMP.

2. Annual consumption of HCFCs and other ODSs will be monitored through MCIE in collaboration with the Directorate General for Customs. MCIE is a licensing authority to issue import and export permit, while the Directorate General for Customs will control and monitor the import and export of HCFCs and

other ODS at the point of entry. The NOU will liaise with importers of HCFCs and other ODS to obtain necessary data for reconciliation of statistics on the periodically basis.

3. NOU will undertake regular inspection to monitor the implementation of labelling requirement for HCFC cylinders. NOU will also undertake market survey to gauge the penetration of non-HCFC substitutes and alternative technologies in the refrigeration and air-conditioning (RAC) sector. NOU will monitor the implementation of capacity building activities with relevant agencies e.g. RAC technician training and customs and enforcement officers training.

APPENDIX 6-A: ROLE OF THE LEAD IMPLEMENTING AGENCY

1. The Lead IA will be responsible for a range of activities, including at least the following:
 - (a) Ensuring performance and financial verification in accordance with this Agreement and with its specific internal procedures and requirements as set out in the Country's HPMP;
 - (b) Assisting the Country in preparation of the Tranche Implementation Reports and Plans as per Appendix 4-A;
 - (c) Providing independent verification to the Executive Committee that the Targets have been met and associated tranche activities have been completed as indicated in the Tranche Implementation Plan consistent with Appendix 4-A;
 - (d) Ensuring that the experiences and progress is reflected in updates of the overall plan and in future Tranche Implementation Plans consistent with sub-paragraphs 1(c) and 1(d) of Appendix 4-A;
 - (e) Fulfilling the reporting requirements for the Tranche Implementation Reports and Plans and the overall plan as specified in Appendix 4-A for submission to the Executive Committee, and should include the activities implemented by the Cooperating IA;
 - (f) In the event that the last funding tranche is requested one or more years prior to the last year for which a consumption target had been established, annual tranche implementation reports and, where applicable, verification reports on the current stage of the Plan should be submitted until all activities foreseen had been completed and HCFC consumption targets had been met;
 - (g) Ensuring that appropriate independent technical experts carry out the technical reviews;
 - (h) Carrying out required supervision missions;
 - (i) Ensuring the presence of an operating mechanism to allow effective, transparent implementation of the Tranche Implementation Plan and accurate data reporting;
 - (j) Co-ordinating the activities of the Cooperating IA, and ensuring appropriate sequence of activities;
 - (k) In case of reductions in funding for failure to comply in accordance with paragraph 11 of the Agreement, to determine, in consultation with the Country and the Cooperating IA, the allocation of the reductions to the different budget items and to the funding of the Lead IA and each Cooperating IA;

- (l) Ensuring that disbursements made to the Country are based on the use of the indicators;
- (m) Providing assistance with policy, management and technical support when required;
- (n) Reaching consensus with the Cooperating IA on any planning, co-ordination and reporting arrangements required to facilitate the implementation of the Plan; and
- (o) Timely releasing funds to the Country/participating enterprises for completing the activities related to the project.

2. After consultation with the Country and taking into account any views expressed, the Lead IA will select and mandate an independent entity to carry out the verification of the HPMP results and the consumption of the Substances mentioned in Appendix 1-A, as per sub-paragraph 5(b) of the Agreement and sub-paragraph 1(b) of Appendix 4-A.

APPENDIX 6-B: ROLE OF THE COOPERATING IMPLEMENTING AGENCIES

1. The Cooperating IA will be responsible for a range of activities. These activities are specified in the Plan, including at least the following:

- (a) Providing assistance for policy development when required;
- (b) Assisting the Country in the implementation and assessment of the activities funded by the Cooperating IA, and refer to the Lead IA to ensure a co-ordinated sequence in the activities;
- (c) Providing reports to the Lead IA on these activities, for inclusion in the consolidated reports as per Appendix 4-A; and
- (d) Reaching consensus with the Lead IA on any planning, co-ordination and reporting arrangements required to facilitate the implementation of the Plan.

APPENDIX 7-A: REDUCTIONS IN FUNDING FOR FAILURE TO COMPLY

1. In accordance with paragraph 11 of the Agreement, the amount of funding provided may be reduced by US \$180 per ODP kg of consumption beyond the level defined in row 1.2 of Appendix 2-A for each year in which the target specified in row 1.2 of Appendix 2-A has not been met, on the understanding that the maximum funding reduction would not exceed the funding level of the tranche being requested. Additional measures might be considered in cases where non-compliance extends for two consecutive years.

2. In the event that the penalty needs to be applied for a year in which there are two Agreements in force (two stages of the HPMP being implemented in parallel) with different penalty levels, the application of the penalty will be determined on a case-by-case basis taking into consideration the specific sectors that lead to the non-compliance. If it is not possible to determine a sector, or both stages are addressing the same sector, the penalty level to be applied would be the largest.

Annex XX

UPDATED AGREEMENT BETWEEN THE GOVERNMENT OF BANGLADESH AND THE EXECUTIVE COMMITTEE OF THE MULTILATERAL FUND FOR THE REDUCTION IN CONSUMPTION OF HYDROCHLOROFLUOROCARBONS

1. This Agreement represents the understanding of the Government of Bangladesh (the “Country”) and the Executive Committee with respect to the reduction of controlled use of the ozone-depleting substances (ODS) set out in Appendix 1-A (“The Substances”) to a sustained level of 50.86 ODP tonnes by 1 January 2018 in compliance with Montreal Protocol schedules.
2. The Country agrees to meet the annual consumption limits of the Substances as set out in row 1.2 of Appendix 2-A (“The Targets, and Funding”) in this Agreement as well as in the Montreal Protocol reduction schedule for all Substances mentioned in Appendix 1-A. The Country accepts that, by its acceptance of this Agreement and performance by the Executive Committee of its funding obligations described in paragraph 3, it is precluded from applying for or receiving further funding from the Multilateral Fund in respect to any consumption of the Substances that exceeds the level defined in row 1.2 of Appendix 2-A as the final reduction step under this Agreement for all of the Substances specified in Appendix 1-A, and in respect to any consumption of each of the Substances that exceeds the level defined in rows 4.1.3, 4.2.3, 4.3.3, 4.4.3 and 4.5.3 (remaining eligible consumption).
3. Subject to compliance by the Country with its obligations set out in this Agreement, the Executive Committee agrees, in principle, to provide the funding set out in row 3.1 of Appendix 2-A to the Country. The Executive Committee will, in principle, provide this funding at the Executive Committee meetings specified in Appendix 3-A (“Funding Approval Schedule”).
4. The Country agrees to implement this Agreement in accordance with the HCFC phase-out sector plans submitted. In accordance with sub-paragraph 5(b) of this Agreement, the Country will accept independent verification of the achievement of the annual consumption limits of the Substances as set out in row 1.2 of Appendix 2-A of this Agreement. The aforementioned verification will be commissioned by the relevant bilateral or implementing agency.
5. The Executive Committee will not provide the Funding in accordance with the Funding Approval Schedule unless the Country satisfies the following conditions at least eight weeks in advance of the applicable Executive Committee meeting set out in the Funding Approval Schedule:
 - (a) That the Country had met the Targets set out in row 1.2 of Appendix 2-A for all relevant years. Relevant years are all years since the year in which this Agreement was approved. Years for which no obligation for reporting of country programme data exists at the date of the Executive Committee meeting at which the funding request is being presented are exempted;
 - (b) That the meeting of these Targets has been independently verified, unless the Executive Committee decided that such verification would not be required;
 - (c) That the Country had submitted annual implementation reports in the form of Appendix 4-A (“Format of Implementation Reports and Plans”) covering each previous calendar year; that it had achieved a significant level of implementation of activities initiated with previously approved tranches; and that the rate of disbursement of funding available from the previously approved tranche was more than 20 per cent;
 - (d) That the Country has submitted an annual implementation plan in the form of

Appendix 4-A covering each calendar year until and including the year for which the funding schedule foresees the submission of the next tranche or, in case of the final tranche, until completion of all activities foreseen; and

- (e) That, for all submissions from the 68th meeting onwards, confirmation has been received from the Government that an enforceable national system of licensing and quotas for HCFC imports and, where applicable, production and exports is in place and that the system is capable of ensuring the Country's compliance with the Montreal Protocol HCFC phase-out schedule for the duration of this Agreement.

6. The Country will ensure that it conducts accurate monitoring of its activities under this Agreement. The institutions set out in Appendix 5-A (“Monitoring Institutions and Roles”) will monitor and report on implementation of the activities in the previous annual implementation plans in accordance with their roles and responsibilities set out in Appendix 5-A. This monitoring will also be subject to independent verification as described in paragraph 4 above.

7. The Executive Committee agrees that the Country may have the flexibility to reallocate the approved funds, or part of the funds, according to the evolving circumstances to achieve the smoothest reduction of consumption and phase-out of the Substances specified in Appendix 1-A:

- (a) Reallocations categorized as major changes must be documented in advance either in an annual implementation plan submitted as foreseen in sub-paragraph 5(d) above, or as a revision to an existing annual implementation plan to be submitted eight weeks prior to any meeting of the Executive Committee, for its approval. Major changes would relate to:
 - (i) Issues potentially concerning the rules and policies of the Multilateral Fund;
 - (ii) Changes which would modify any clause of this Agreement;
 - (iii) Changes in the annual levels of funding allocated to individual bilateral or implementing agencies for the different tranches; and
 - (iv) Provision of funding for programmes or activities not included in the current endorsed annual implementation plan, or removal of an activity in the annual implementation plan, with a cost greater than 30 per cent of the total cost of the last approved tranche;
- (b) Reallocations not categorized as major changes may be incorporated in the approved annual implementation plan, under implementation at the time, and reported to the Executive Committee in the subsequent annual implementation report;
- (c) Should the Country decide during implementation of the agreement to introduce an alternative technology other than that proposed in the approved HPMP, this would require approval by the Executive Committee as part of an Annual Implementation Plan or the revision of the approved plan. Any submission of such a request for change in technology would identify the associated incremental costs, the potential impact to the climate, and any differences in ODP tonnes to be phased out if applicable. The Country agrees that potential savings in incremental costs related to the change of technology would decrease the overall funding level under this Agreement accordingly; and
- (d) Any remaining funds will be returned to the Multilateral Fund upon completion of the last

tranche foreseen under this Agreement.

8. Specific attention will be paid to the execution of the activities in the refrigeration servicing sub-sector, in particular:

- (a) The Country would use the flexibility available under this Agreement to address specific needs that might arise during project implementation; and
- (b) The Country and the bilateral and implementing agencies involved will take full account of the requirements of decisions 41/100 and 49/6 during the implementation of the plan.

9. The Country agrees to assume overall responsibility for the management and implementation of this Agreement and of all activities undertaken by it or on its behalf to fulfil the obligations under this Agreement. UNDP has agreed to be the lead implementing agency (the “Lead IA”) and UNEP has agreed to be the cooperating implementing agency (the “Cooperating IA”) under the lead of the Lead IA in respect of the Country’s activities under this Agreement. The Country agrees to evaluations, which might be carried out under the monitoring and evaluation work programmes of the Multilateral Fund or under the evaluation programme of any of the agencies taking part in this Agreement.

10. The Lead IA will be responsible for ensuring co-ordinated planning, implementation and reporting of all activities under this Agreement, including but not limited to independent verification as per subparagraph 5(b). This responsibility includes the necessity to co-ordinate with the Cooperating IA to ensure appropriate timing and sequence of activities in the implementation. The Cooperating IA will support the Lead IA by implementing the activities listed in Appendix 6-B under the overall co-ordination of the Lead IA. The Lead IA and Cooperating IA have reached consensus on the arrangements regarding inter-agency planning, reporting and responsibilities under this Agreement to facilitate a co-ordinated implementation of the Plan, including regular co-ordination meetings. The Executive Committee agrees, in principle, to provide the Lead IA and the Cooperating IA with the fees set out in rows 2.2 and 2.4 of Appendix 2-A.

11. Should the Country, for any reason, not meet the Targets for the elimination of the Substances set out in row 1.2 of Appendix 2-A or otherwise does not comply with this Agreement, then the Country agrees that it will not be entitled to the Funding in accordance with the Funding Approval Schedule. At the discretion of the Executive Committee, funding will be reinstated according to a revised Funding Approval Schedule determined by the Executive Committee after the Country has demonstrated that it has satisfied all of its obligations that were due to be met prior to receipt of the next tranche of funding under the Funding Approval Schedule. The Country acknowledges that the Executive Committee may reduce the amount of the Funding by the amount set out in Appendix 7-A (“Reductions in Funding for Failure to Comply”) in respect of each ODP kg of reductions in consumption not achieved in any one year. The Executive Committee will discuss each specific case in which the Country did not comply with this Agreement, and take related decisions. Once these decisions are taken, this specific case will not be an impediment for future tranches as per paragraph 5 above.

12. The Funding of this Agreement will not be modified on the basis of any future Executive Committee decision that may affect the funding of any other consumption sector projects or any other related activities in the Country.

13. The Country will comply with any reasonable request of the Executive Committee, the Lead IA and the Cooperating IA to facilitate implementation of this Agreement. In particular, it will provide the Lead IA and the Cooperating IA with access to the information necessary to verify compliance with this Agreement.

14. The completion of stage I of the HPMP and the associated Agreement will take place at the end of the year following the last year for which a maximum allowable total consumption level has been specified in Appendix 2-A. Should there at that time still be activities that are outstanding, and which were foreseen in the Plan and its subsequent revisions as per sub-paragraph 5(d) and paragraph 7, the completion will be delayed until the end of the year following the implementation of the remaining activities. The reporting requirements as per sub-paragraphs 1(a), 1(b), 1(d), and 1(e) of Appendix 4-A will continue until the time of the completion unless otherwise specified by the Executive Committee.

15. All of the conditions set out in this Agreement are undertaken solely within the context of the Montreal Protocol and as specified in this Agreement. All terms used in this Agreement have the meaning ascribed to them in the Montreal Protocol unless otherwise defined herein.

16. This updated Agreement supersedes the Agreement reached between the Government of Bangladesh and the Executive Committee at the 65th meeting of the Executive Committee.

APPENDICES

APPENDIX 1-A: THE SUBSTANCES

Substance	Annex	Group	Starting point for aggregate reductions in consumption (ODP tonnes)
HCFC-22	C	I	45.42
HCFC-141b	C	I	21.23
HCFC-142b	C	I	5.72
HCFC-123	C	I	0.21
HCFC-124	C	I	0.07
Total			72.65

APPENDIX 2-A: THE TARGETS, AND FUNDING

Row	Particulars	2010	2011	2012	2013	2014	2015-2016	2017	2018	Total
1.1	Montreal Protocol reduction schedule of Annex C, Group I substances (ODP tonnes)	n/a	n/a	n/a	72.65	72.65	65.39	65.39	65.39	
1.2	Maximum allowable total consumption of Annex C, Group I substances (ODP tonnes)	n/a	n/a	n/a	72.65	72.65	65.39	65.39	50.86	
2.1	Lead IA (UNDP) agreed funding (US\$)	1,146,074	55,000	0	0	0	0	0	0	1,201,074
2.2	Support costs for Lead IA (US\$)	85,956	4,125	0	0	0	0	0	0	90,081
2.3	Cooperating IA (UNEP) agreed funding (US\$)	0	230,000	0	90,000	0	0	35,000	0	355,000
2.4	Support costs for cooperating IA (US\$)	0	29,900	0	11,700	0	0	4,550	0	46,150
3.1	Total agreed funding (US\$)	1,146,074	285,000	0	90,000	0	0	35,000	0	1,556,074
3.2	Total support costs (US\$)	85,956	34,025	0	11,700	0	0	4,550	0	136,231
3.3	Total agreed costs (US\$)	1,232,030*	319,025	0	101,700	0	0	39,550	0	1,692,305
4.1.1	Total phase-out of HCFC-22 agreed to be achieved under this Agreement (ODP tonnes)									3.48
4.1.2	Phase-out of HCFC-22 to be achieved through previously approved projects (ODP tonnes)									n/a
4.1.3	Remaining eligible consumption of HCFC-22 (ODP tonnes)									41.94
4.2.1	Total phase-out of HCFC-141b agreed to be achieved under this Agreement (ODP tonnes)									n/a

4.2.2	Phase-out of HCFC-141b to be achieved through previously approved projects (ODP tonnes)			20.20
4.2.3	Remaining eligible consumption of HCFC-141b (ODP tonnes)			1.03
4.3.1	Total phase-out of HCFC-142b agreed to be achieved under this Agreement (ODP tonnes)			0.57
4.3.2	Phase-out of HCFC-142b to be achieved through previously approved projects (ODP tonnes)			n/a
4.3.3	Remaining eligible consumption of HCFC-142b (ODP tonnes)			5.16
4.4.1	Total phase-out of HCFC-123 agreed to be achieved under this Agreement (ODP tonnes)			0.21
4.4.2	Phase-out of HCFC-123 to be achieved through previously approved projects (ODP tonnes)			n/a
4.4.3	Remaining eligible consumption of HCFC-123 (ODP tonnes)			n/a
4.5.1	Total phase-out of HCFC-124 agreed to be achieved under this Agreement (ODP tonnes)			0.07
4.5.2	Phase-out of HCFC-124 to be achieved through previously approved projects (ODP tonnes)			n/a
4.5.3	Remaining eligible consumption of HCFC-124 (ODP tonnes)			0

*Approved at the 62nd meeting for Walton Hi-Tech Industries and herewith subsumed into this Agreement.

APPENDIX 3-A: FUNDING APPROVAL SCHEDULE

1. Funding for the future tranches will be considered for approval at the last meeting of the year specified in Appendix 2-A.

APPENDIX 4-A: FORMAT OF IMPLEMENTATION REPORTS AND PLANS

1. The submission of the Implementation Report and Plan for each tranche request will consist of five parts:

- (a) A narrative report, with data provided by calendar year, regarding the progress since the year prior to the previous report, reflecting the situation of the Country in regard to phase out of the Substances, how the different activities contribute to it, and how they relate to each other. The report should include ODS phase-out as a direct result from the implementation of activities, by substance, and the alternative technology used and the related phase-in of alternatives, to allow the Secretariat to provide to the Executive Committee information about the resulting change in climate relevant emissions. The report should further highlight successes, experiences, and challenges related to the different activities included in the Plan, reflecting any changes in the circumstances in the Country, and providing other relevant information. The report should also include information on and justification for any changes vis-à-vis the previously submitted Annual Implementation Plan(s), such as delays, uses of the flexibility for reallocation of funds during implementation of a tranche, as provided for in paragraph 7 of this Agreement, or other changes. The narrative report will cover all relevant years specified in sub-paragraph 5(a) of the Agreement and can in addition also include information on activities in the current year;
- (b) A verification report of the HPMP results and the consumption of the Substances mentioned in Appendix 1-A, as per sub-paragraph 5(b) of the Agreement. If not decided otherwise by the Executive Committee, such a verification has to be provided together with each tranche request and will have to provide verification of the consumption for all relevant years as specified in sub-paragraph 5(a) of the Agreement for which a verification report has not yet been acknowledged by the Committee;
- (c) A written description of the activities to be undertaken until and including the year of the planned submission of the next tranche request, highlighting the interdependence of the activities, and taking into account experiences made and progress achieved in the

implementation of earlier tranches; the data in the plan will be provided by calendar year. The description should also include a reference to the overall plan and progress achieved, as well as any possible changes to the overall plan that are foreseen. The description should cover the years specified in sub-paragraph 5(d) of the Agreement. The description should also specify and explain in detail such changes to the overall plan. This description of future activities can be submitted as a part of the same document as the narrative report under sub-paragraph (b) above;

- (d) A set of quantitative information for all annual implementation reports and annual implementation plans, submitted through an online database. This quantitative information, to be submitted by calendar year with each tranche request, will be amending the narratives and description for the report (see sub-paragraph 1(a) above) and the plan (see sub-paragraph 1(c) above), the annual implementation plan and any changes to the overall plan, and will cover the same time periods and activities; and
- (e) An Executive Summary of about five paragraphs, summarizing the information of the above sub-paragraphs 1(a) to 1(d).

APPENDIX 5-A: MONITORING INSTITUTIONS AND ROLES

1. The overall monitoring will be the responsibility of the National Ozone Unit (NOU). The consumption will be monitored based on cross-checking the data collected from relevant government departments with data collected, as required, from the relevant importers, distributors and consumers. The NOU will also be responsible for reporting and shall submit the following reports in a timely manner:

- (a) Annual reports on consumption of substances to be submitted to the Ozone Secretariat;
- (b) Annual reports on progress of implementation of this Agreement to be submitted to the Executive Committee of the Multilateral Fund; and
- (c) Project-related reports to the Lead IA.

APPENDIX 6-A: ROLE OF THE LEAD IMPLEMENTING AGENCY

1. The Lead IA will be responsible for a range of activities, including at least the following:

- (a) Ensuring performance and financial verification in accordance with this Agreement and with its specific internal procedures and requirements as set out in the Country's HPMP;
- (b) Assisting the Country in preparation of the Implementation Plans and subsequent reports as per Appendix 4-A;
- (c) Providing independent verification to the Executive Committee that the Targets have been met and associated annual activities have been completed as indicated in the Implementation Plan consistent with Appendix 4-A;
- (d) Ensuring that the experiences and progress is reflected in updates of the overall plan and in future annual implementation plans consistent with sub-paragraphs 1(c) and 1(d) of Appendix 4-A;

- (e) Fulfilling the reporting requirements for the annual implementation reports, annual implementation plans and the overall plan as specified in Appendix 4-A for submission to the Executive Committee. The reporting requirements include the reporting about activities undertaken by the Cooperating IA;
- (f) Ensuring that appropriate independent technical experts carry out the technical reviews;
- (g) Carrying out required supervision missions;
- (h) Ensuring the presence of an operating mechanism to allow effective, transparent implementation of the Implementation Plan and accurate data reporting;
- (i) Co-ordinating the activities of the Cooperating IA, and ensuring appropriate sequence of activities;
- (j) In case of reductions in funding for failure to comply in accordance with paragraph 11 of the Agreement, to determine, in consultation with the Country and the Cooperating IA, the allocation of the reductions to the different budget items and to the funding of each implementing or bilateral agency involved;
- (k) Ensuring that disbursements made to the Country are based on the use of the indicators; and
- (l) Providing assistance with policy, management and technical support when required.

2. After consultation with the Country and taking into account any views expressed, the Lead IA will select and mandate an independent entity to carry out the verification of the HPMP results and the consumption of the Substances mentioned in Appendix 1-A, as per sub-paragraph 5(b) of the Agreement and sub-paragraph 1(b) of Appendix 4-A.

APPENDIX 6-B: ROLE OF THE COOPERATING IMPLEMENTING AGENCY

1. The Cooperating IA will be responsible for a range of activities. These activities are specified in the overall plan, including at least the following:

- (a) Providing assistance for policy development when required;
- (b) Assisting the Country in the implementation and assessment of the activities funded by the Cooperating IA, and refer to the Lead IA to ensure a co-ordinated sequence in the activities; and
- (c) Providing reports to the Lead IA on these activities, for inclusion in the consolidated reports as per Appendix 4-A.

APPENDIX 7-A: REDUCTIONS IN FUNDING FOR FAILURE TO COMPLY

1. In accordance with paragraph 11 of the Agreement, the amount of funding provided may be reduced by US \$127.02 per ODP kg of consumption beyond the level defined in row 1.2 of Appendix 2-A for each year in which the target specified in row 1.2 of Appendix 2-A has not been met.

Annex XXI

UPDATED AGREEMENT BETWEEN THE GOVERNMENT OF THE FEDERATIVE REPUBLIC OF BRAZIL AND THE EXECUTIVE COMMITTEE OF THE MULTILATERAL FUND FOR THE REDUCTION IN CONSUMPTION OF HYDROCHLOROFLUOROCARBONS IN ACCORDANCE WITH STAGE II OF THE HCFC PHASE-OUT MANAGEMENT PLAN

1. This Agreement represents the understanding of the Government of the Federative Republic of Brazil (the “Country”) and the Executive Committee with respect to the reduction of controlled use of the ozone-depleting substances (ODS) set out in Appendix 1-A (“The Substances”) to a sustained level of 730.02 ODP tonnes by 1 January 2021 in compliance with Montreal Protocol schedule.
2. The Country agrees to meet the annual consumption limits of the Substances as set out in row 1.2 of Appendix 2-A (“The Targets, and Funding”) in this Agreement as well as in the Montreal Protocol reduction schedule for all Substances mentioned in Appendix 1-A. The Country accepts that, by its acceptance of this Agreement and performance by the Executive Committee of its funding obligations described in paragraph 3, it is precluded from applying for or receiving further funding from the Multilateral Fund in respect to any consumption of the Substances that exceeds the level defined in row 1.2 of Appendix 2-A as the final reduction step under this Agreement for all of the Substances specified in Appendix 1-A, and in respect to any consumption of each of the Substances that exceeds the level defined in rows 4.1.3, 4.2.3, 4.3.3, 4.4.3 and 4.5.3 (remaining consumption eligible for funding).
3. Subject to compliance by the Country with its obligations set out in this Agreement, the Executive Committee agrees, in principle, to provide the funding set out in row 3.1 of Appendix 2-A (“The Targets, and Funding”) to the Country. The Executive Committee will, in principle, provide this funding at the Executive Committee meetings specified in Appendix 3-A (“Funding Approval Schedule”).
4. The Country agrees to implement this Agreement in accordance with the stage II of the HCFC phase-out management plan (HPMP) approved (“the Plan”). In accordance with sub-paragraph 5(b) of this Agreement, the Country will accept independent verification of the achievement of the annual consumption limits of the Substances as set out in row 1.2 of Appendix 2-A of this Agreement. The aforementioned verification will be commissioned by the relevant bilateral or implementing agency.
5. The Executive Committee will not provide the Funding in accordance with the Funding Approval Schedule unless the Country satisfies the following conditions at least eight weeks in advance of the applicable Executive Committee meeting set out in the Funding Approval Schedule:
 - (a) That the Country has met the Targets set out in row 1.2 of Appendix 2-A for all relevant years. Relevant years are all years since the year in which this Agreement was approved. Years for which there are no due country programme implementation reports at the date of the Executive Committee meeting at which the funding request is being presented are exempted;
 - (b) That the meeting of these Targets has been independently verified, unless the Executive Committee decided that such verification would not be required;
 - (c) That the Country had submitted a Tranche Implementation Report in the form of Appendix 4-A (“Format of Tranche Implementation Reports and Plans”) covering each previous calendar year; that it had achieved a significant level of implementation of

activities initiated with previously approved tranches; and that the rate of disbursement of funding available from the previously approved tranche was more than 20 per cent; and

- (d) That the Country has submitted a Tranche Implementation Plan in the form of Appendix 4-A covering each calendar year until and including the year for which the funding schedule foresees the submission of the next tranche or, in case of the final tranche, until completion of all activities foreseen.

6. The Country will ensure that it conducts accurate monitoring of its activities under this Agreement. The institutions set out in Appendix 5-A (“Monitoring Institutions and Roles”) will monitor and report on implementation of the activities in the previous Tranche Implementation Plans in accordance with their roles and responsibilities set out in Appendix 5-A. This monitoring will also be subject to independent verification as described in paragraph 4 above.

7. The Executive Committee agrees that the Country may have the flexibility to reallocate part or all of the approved funds, according to the evolving circumstances to achieve the smoothest reduction of consumption and phase-out of the Substances specified in Appendix 1-A:

- (a) Reallocations categorized as major changes must be documented in advance either in a Tranche Implementation Plan as foreseen in sub-paragraph 5(d) above, or as a revision to an existing Tranche Implementation Plan to be submitted eight weeks prior to any meeting of the Executive Committee, for its approval. Major changes would relate to:
 - (i) Issues potentially concerning the rules and policies of the Multilateral Fund;
 - (ii) Changes which would modify any clause of this Agreement;
 - (iii) Changes in the annual levels of funding allocated to individual bilateral or implementing agencies for the different tranches; and
 - (iv) Provision of funding for programmes or activities not included in the current endorsed Tranche Implementation Plan, or removal of an activity in the Tranche Implementation Plan, with a cost greater than 30 per cent of the total cost of the last approved tranche;
- (b) Reallocations not categorized as major changes may be incorporated in the approved Tranche Implementation Plan, under implementation at the time, and reported to the Executive Committee in the subsequent Tranche Implementation Report;
- (c) Should the Country decide during implementation of the Agreement to introduce an alternative technology other than that proposed in the Plan, this would require approval by the Executive Committee as part of a Tranche Implementation Plan or the revision of the approved plan. Any submission of such a request for change in technology would identify the associated incremental costs, the potential impact to the climate, and any differences in ODP tonnes to be phased out if applicable. The Country agrees that potential savings in incremental costs related to the change of technology would decrease the overall funding level under this Agreement accordingly;

- (d) Any enterprise to be converted to non-HCFC technology included in the Plan and that would be found to be ineligible under the guidelines of the Multilateral Fund (i.e., due to foreign ownership or establishment post the 21 September 2007 cut-off date), will not receive assistance. This information would be reported to the Executive Committee as part of the Tranche Implementation Plan;
- (e) The Country agrees, in cases where HFC technologies have been chosen as an alternative HCFC, and taking into account national circumstances related to health and safety: to monitor the availability of substitutes and alternatives that further minimize impacts on the climate; to consider, in the review of regulations standards and incentives adequate provisions that encourage introduction of such alternatives; and to consider the potential for adoption of cost-effective alternatives that minimize the climate impact in the implementation of the HPMP, as appropriate, and inform the Executive Committee on the progress accordingly in tranche implementation reports; and
- (f) Any remaining funds held by the bilateral or implementing agencies or the country under the Plan will be returned to the Multilateral Fund upon completion of the last tranche foreseen under this Agreement.

8. Specific attention will be paid to the execution of the activities in the refrigeration servicing sub-sector included in the Plan, in particular:

- (a) The Country would use the flexibility available under this Agreement to address specific needs that might arise during project implementation; and
- (b) The Country and the relevant bilateral and/or implementing agencies will take into consideration decision 72/41 during the implementation of the Plan.

9. The Country agrees to assume overall responsibility for the management and implementation of this Agreement and of all activities undertaken by it or on its behalf to fulfil the obligations under this Agreement. UNDP has agreed to be the lead implementing agency (the "Lead IA"); UNIDO and the Governments of Germany and Italy have agreed to be the cooperating implementing agencies (the "Cooperating IAs") under the lead of the Lead IA, in respect of the Country's activities under this Agreement. The Country agrees to evaluations, which might be carried out under the monitoring and evaluation work programmes of the Multilateral Fund or under the evaluation programme of the Lead IA and/or Cooperating IAs taking part in this Agreement.

10. The Lead IA will be responsible for ensuring co-ordinated planning, implementation and reporting of all activities under this Agreement, including but not limited to independent verification as per subparagraph 5(b). This responsibility includes the necessity to co-ordinate with the Cooperating IAs to ensure appropriate timing and sequence of activities in the implementation. The Cooperating IAs will support the Lead IA by implementing the activities listed in Appendix 6-B under the overall co-ordination of the Lead IA. The Lead IA and Cooperating IAs will reach consensus on the arrangements regarding inter-agency planning including regular co-ordination meetings, reporting and responsibilities under this Agreement in order to facilitate a co-ordinated implementation of the Plan. The Executive Committee agrees, in principle, to provide the Lead IA and the Cooperating IAs with the fees set out in rows 2.2, 2.4, 2.6 and 2.8 of Appendix 2-A.

11. Should the Country, for any reason, not meet the Targets for the elimination of the Substances set out in row 1.2 of Appendix 2-A or otherwise does not comply with this Agreement, then the Country agrees that it will not be entitled to the Funding in accordance with the Funding Approval Schedule. At the discretion of the Executive Committee, funding will be reinstated according to a revised Funding Approval Schedule determined by the Executive Committee after the Country has demonstrated that it has satisfied all of its obligations that were due to be met prior to receipt of the next tranche of funding under the Funding

Approval Schedule. The Country acknowledges that the Executive Committee may reduce the amount of the Funding by the amount set out in Appendix 7-A (“Reductions in Funding for Failure to Comply”) in respect of each ODP kilogram of reductions in consumption not achieved in any one year. The Executive Committee will discuss each specific case in which the Country did not comply with this Agreement, and take related decisions. Once decisions are taken, the specific case of not compliance with this Agreement, will not be an impediment for the provision of funding for future tranches as per paragraph 5 above.

12. The Funding of this Agreement will not be modified on the basis of any future Executive Committee decision that may affect the funding of any other consumption sector projects or any other related activities in the Country.

13. The Country will comply with any reasonable request of the Executive Committee, the Lead IA and the Cooperating IAs to facilitate implementation of this Agreement. In particular, it will provide the Lead IA, and the Cooperating IAs, with access to the information necessary to verify compliance with this Agreement.

14. The completion of the Plan and the associated Agreement will take place at the end of the year following the last year for which a maximum allowable total consumption level has been specified in Appendix 2-A. Should at that time there still be activities that are outstanding, and which were foreseen in the last Tranche Implementation Plan and its subsequent revisions as per sub-paragraph 5(d) and paragraph 7, the completion of the Plan will be delayed until the end of the year following the implementation of the remaining activities. The reporting requirements as per sub-paragraphs 1(a), 1(b), 1(d), and 1(e) of Appendix 4-A will continue until the time of the completion of the Plan unless otherwise specified by the Executive Committee.

15. All of the conditions set out in this Agreement are undertaken solely within the context of the Montreal Protocol and as specified in this Agreement. All terms used in this Agreement have the meaning ascribed to them in the Montreal Protocol unless otherwise defined herein.

16. This updated Agreement supersedes the Agreement reached between the Government of Brazil and the Executive Committee at the 75th meeting of the Executive Committee.

APPENDICES

APPENDIX 1-A: THE SUBSTANCES

Substance	Annex	Group	Starting point for aggregate reductions in consumption (ODP tonnes)
HCFC-22	C	I	792.0
HCFC-141b	C	I	521.7
HCFC-142b	C	I	5.6
HCFC-123	C	I	0.3
HCFC-124	C	I	7.7
Total			1,327.3

APPENDIX 2-A: THE TARGETS, AND FUNDING

Row	Particulars	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
1.1	Montreal Protocol reduction schedule of Annex C, Group I substances (ODP tonnes)	1,194.60	1,194.60	1,194.60	1,194.60	1,194.60	862.74	862.74	862.74	862.74	n/a
1.2	Maximum allowable total consumption of Annex C, Group I substances (ODP tonnes)	1,194.60	1,194.60	1,194.60	1,194.60	1,194.60	862.74	730.02	730.02	730.02	n/a
2.1	Lead IA (UNDP) agreed funding (US \$)	3,078,900	0	2,627,704	7,168,396	0	3,895,000	0	0	0	16,770,000
2.2	Support costs for Lead IA (US \$)	215,523	0	183,939	501,788	0	272,650	0	0	0	1,173,900
2.3	Cooperating IA (UNIDO) agreed funding (US \$)	1,950,275	0	0	3,420,039	0	2,846,383	2,000,000	1,000,000	0	11,216,697
2.4	Support costs for Cooperating IA (US \$)	136,519	0	0	239,403	0	199,247	140,000	70,000	0	785,169
2.5	Cooperating IA (Germany) agreed funding (US \$)	1,299,386	0	686,978	2,363,637	0	1,004,545	1,500,000	0	872,727	7,727,273
2.6	Support costs for Cooperating IA (US \$)	144,614	0	76,457	263,059	0	111,800	166,941	0	97,129	860,000
2.7	Cooperating IA (Italy) agreed funding (US \$)	250,000	0	0	0	0	0	0	0	0	250,000
2.8	Support costs for Cooperating IA (US \$)	32,500	0	0	0	0	0	0	0	0	32,500
3.1	Total agreed funding (US \$)	6,578,561	0	3,314,682	12,952,072		7,745,928	3,500,000	1,000,000	872,727	35,963,970
3.2	Total support costs (US \$)	529,156	0	260,396	1,004,249		583,697	306,941	70,000	97,129	2,851,569
3.3	Total agreed costs (US \$)	7,107,717	0	3,575,078	13,956,321		8,329,625	3,806,941	1,070,000	969,856	38,815,539
4.1.1	Total phase-out of HCFC-22 agreed to be achieved under this Agreement (ODP tonnes)										163.16
4.1.2	Phase-out of HCFC-22 to be achieved in previously approved projects (ODP tonnes)										51.50
4.1.3	Remaining eligible consumption for HCFC-22 (ODP tonnes)										577.34
4.2.1	Total phase-out of HCFC-141b agreed to be achieved under this Agreement (ODP tonnes)										300.90
4.2.2	Phase-out of HCFC-141b to be achieved in previously approved projects (ODP tonnes)										168.80
4.2.3	Remaining eligible consumption for HCFC-141b (ODP tonnes)										52.00
4.3.1	Total phase-out of HCFC-142b agreed to be achieved under this Agreement (ODP tonnes)										0.00
4.3.2	Phase-out of HCFC-142b to be achieved in previously approved projects (ODP tonnes)										0.00
4.3.3	Remaining eligible consumption for HCFC-142b (ODP tonnes)										5.60
4.4.1	Total phase-out of HCFC-123 agreed to be achieved under this Agreement (ODP tonnes)										0.00
4.4.2	Phase-out of HCFC-123 to be achieved in previously approved projects (ODP tonnes)										0.00
4.4.3	Remaining eligible consumption for HCFC-123 (ODP tonnes)										0.30
4.5.1	Total phase-out of HCFC-124 agreed to be achieved under this Agreement (ODP tonnes)										0.00
4.5.2	Phase-out of HCFC-124 to be achieved in previously approved projects (ODP tonnes)										0.00
4.5.3	Remaining eligible consumption for HCFC-124 (ODP tonnes)										7.70

APPENDIX 3-A: FUNDING APPROVAL SCHEDULE

1. Funding for the future tranches will be considered for approval at the first meeting of the year specified in Appendix 2-A.

APPENDIX 4-A: FORMAT OF TRANCHE IMPLEMENTATION REPORTS AND PLANS

1. The submission of the Tranche Implementation Report and Plans for each tranche request will consist of five parts:

- (a) A narrative report, with data provided by calendar year, regarding the progress since the year prior to the previous report, reflecting the situation of the Country in regard to phase out of the Substances, how the different activities contribute to it, and how they relate to each other. The report should include ODS phase-out as a direct result from the implementation of activities, by substance, and the alternative technology used and the related phase-in of alternatives, to allow the Secretariat to provide to the Executive Committee information about the resulting change in climate relevant emissions. The report should further highlight successes, experiences, and challenges related to the different activities included in the Plan, reflecting any changes in the circumstances in the Country, and providing other relevant information. The report should also include information on and justification for any changes vis-à-vis the previously submitted Tranche Implementation Plan(s), such as delays, uses of the flexibility for reallocation of funds during implementation of a tranche, as provided for in paragraph 7 of this Agreement, or other changes. The narrative report will cover all relevant years specified in sub-paragraph 5(a) of the Agreement and can in addition also include information on activities in the current year;
- (b) An independent verification report of the Plan results and the consumption of the Substances mentioned in Appendix 1-A, as per sub-paragraph 5(b) of the Agreement. If not decided otherwise by the Executive Committee, such a verification has to be provided together with each tranche request and will have to provide verification of the consumption for all relevant years as specified in sub-paragraph 5(a) of the Agreement for which a verification report has not yet been acknowledged by the Committee;
- (c) A written description of the activities to be undertaken until and including the year of the planned submission of the next tranche request, highlighting the interdependence of the activities, and taking into account experiences made and progress achieved in the implementation of earlier tranches; the data in the plan will be provided by calendar year. The description should also include a reference to the overall plan and progress achieved, as well as any possible changes to the overall plan that are foreseen. The description should cover the years specified in sub-paragraph 5(d) of the Agreement. The description should also specify and explain in detail such changes to the overall plan. This description of future activities can be submitted as a part of the same document as the narrative report under sub-paragraph (b) above;
- (d) A set of quantitative information for all Tranche Implementation Reports and Plans, submitted through an online database. This quantitative information, to be submitted by calendar year with each tranche request, will be amending the narratives and description for the report (see sub-paragraph 1(a) above) and the plan (see sub-paragraph 1(c) above), the Tranche Implementation Plan and any changes to the overall plan, and will cover the same time periods and activities; and

- (e) An Executive Summary of about five paragraphs, summarizing the information of the above sub-paragraphs 1(a) to 1(d).
2. In the event that in a particular year more than one stage of the HPMP are being implemented in parallel, the following considerations should be taken in preparing the Tranche Implementation Reports and Plans:
- (a) The Tranche Implementation Reports and Plans referred to as part of this Agreement, will exclusively refer to activities and funds covered by this Agreement; and
 - (b) If the stages under implementation have different HCFC consumption targets in a particular year, the lower HCFC consumption target will be used as reference for compliance with the HPMP Agreements and for the independent verification.

APPENDIX 5-A: MONITORING INSTITUTIONS AND ROLES

1. The Ministry of Environment (Ministério do Meio Ambiente - MMA) is responsible for the overall coordination of activities to be undertaken in the HPMP and acts as the National Ozone Unit (NOU). The Brazilian Institute of Environment and Natural Renewable Resources (IBAMA) is the enforcement institution linked to MMA which is responsible for carrying out national policies and legislations regarding the control of ODS. The NOU (under MMA) monitors at the managerial level the consumption of all ODS. IBAMA controls through the licensing system, the ODS consumption (import and export) and at the end-user level. The Lead and Cooperating IAs will be responsible for implementing and monitoring the activities under their responsibility.
2. The Government has offered and intends to offer continuity of activities and endorsement for the projects over the next years as specified in the regulatory actions component and the list of activities of the institutional strengthening project. This will guarantee the success of any activity approved for the Country.
3. Close monitoring of all activities and coordination between stakeholders is an essential element of the HPMP and is key to reach compliance. There will be regular co-ordination meetings with industry stakeholders, HCFC importers, relevant Government stakeholders (i.e. PROZON), various industrial associations, and all sectors involved, in order to enact the necessary agreements and measures to carry out the investment and non-investment activities on time and in a coordinated manner. In the manufacturing sector the implementation process and the achievement of the phase-out will be monitored through site visits at the enterprise level. Yearly monitoring will be carried out through the ODS licensing and quota system. Verification site visits will be undertaken by independent international experts and a verifier.

APPENDIX 6-A: ROLE OF THE LEAD IMPLEMENTING AGENCY

1. The Lead IA will be responsible for a range of activities, including at least the following:
- (a) Ensuring performance and financial verification in accordance with this Agreement and with its specific internal procedures and requirements as set out in the Country's HPMP;
 - (b) Assisting the Country in preparation of the Tranche Implementation Reports and Plans as per Appendix 4-A;

- (c) Providing independent verification to the Executive Committee that the Targets have been met and associated tranche activities have been completed as indicated in the Tranche Implementation Plan consistent with Appendix 4-A;
- (d) Ensuring that the experiences and progress is reflected in updates of the overall plan and in future Tranche Implementation Plans consistent with sub-paragraphs 1(c) and 1(d) of Appendix 4-A;
- (e) Fulfilling the reporting requirements for the Tranche Implementation Reports and Plans and the overall plan as specified in Appendix 4-A for submission to the Executive Committee. The reporting requirements include the reporting about activities undertaken by the Cooperating IAs;
- (f) Ensuring that appropriate independent technical experts carry out the technical reviews;
- (g) Carrying out required supervision missions;
- (h) Ensuring the presence of an operating mechanism to allow effective, transparent implementation of the Tranche Implementation Plan and accurate data reporting;
- (i) Co-ordinating the activities of the Cooperating IAs, and ensuring appropriate sequence of activities;
- (j) In case of reductions in funding for failure to comply in accordance with paragraph 11 of the Agreement, to determine, in consultation with the Country and the Cooperating IAs, the allocation of the reductions to the different budget items and to the funding of the Lead IA and each Cooperating IA;
- (k) Ensuring that disbursements made to the Country are based on the use of the indicators; and
- (l) Providing assistance with policy, management and technical support when required.

2. After consultation with the Country and taking into account any views expressed, the Lead IA will select and mandate an independent entity to carry out the verification of the HPMP results and the consumption of the Substances mentioned in Appendix 1-A, as per sub-paragraph 5(b) of the Agreement and sub-paragraph 1(b) of Appendix 4-A.

APPENDIX 6-B: ROLE OF THE COOPERATING IMPLEMENTING AGENCIES

1. The Cooperating IAs will be responsible for a range of activities. These activities are specified in the Plan, including at least the following:

- (a) Providing assistance for policy development when required;
- (b) Assisting the Country in the implementation and assessment of the activities funded by the Cooperating IAs, and refer to the Lead IA to ensure a co-ordinated sequence in the activities; and
- (c) Providing reports to the Lead IA on these activities, for inclusion in the consolidated reports as per Appendix 4-A.

APPENDIX 7-A: REDUCTIONS IN FUNDING FOR FAILURE TO COMPLY

1. In accordance with paragraph 11 of the Agreement, the amount of funding provided may be reduced by US \$154.98 per ODP kg of consumption beyond the level defined in row 1.2 of Appendix 2-A for each year in which the target specified in row 1.2 of Appendix 2-A has not been met. In the event that the penalty needs to be applied for a year in which there are two Agreements in force (two stages of the HPMP being implemented in parallel) with different penalty levels, the application of the penalty will be determined on a case-by-case basis taking into consideration the specific sectors related to the non-compliance. If it is not possible to determine a sector, or both stages are addressing the same sector, the penalty level to be applied would be the largest.

Annex XXII

**REVISED UPDATED AGREEMENT BETWEEN THE GOVERNMENT OF BURKINA FASO
AND THE EXECUTIVE COMMITTEE OF THE MULTILATERAL FUND FOR THE
REDUCTION IN CONSUMPTION OF HYDROCHLOROFLUOROCARBONS**

1. This Agreement represents the understanding of the Government of Burkina Faso (the “Country”) and the Executive Committee with respect to the reduction of controlled use of the ozone depleting substances (ODS) set out in Appendix 1-A (“The Substances”) to a sustained level of 11.70 ODP tonnes prior to 1 January 2020 in compliance with Montreal Protocol schedules.
2. The Country agrees to meet the annual consumption limits of the Substances as set out in row 1.2 of Appendix 2-A (“The Targets and Funding”) in this Agreement as well as in the Montreal Protocol reduction schedule for all Substances mentioned in Appendix 1-A . The Country accepts that, by its acceptance of this Agreement and performance by the Executive Committee of its funding obligations described in paragraph 3, it is precluded from applying for or receiving further funding from the Multilateral Fund in respect to any consumption of the Substances which exceeds the level defined in row 1.2 of Appendix 2-A (maximum allowable total consumption of Annex C, Group I substances) as the final reduction step under this agreement for all of the Substances specified in Appendix 1-A, and in respect to any consumption of each of the Substances which exceeds the level defined in row 4.1.3.
3. Subject to compliance by the Country with its obligations set out in this Agreement, the Executive Committee agrees in principle to provide the funding set out in row 3.1 of Appendix 2-A (the “Targets and Funding”) to the Country. The Executive Committee will, in principle, provide this funding at the Executive Committee meetings specified in Appendix 3-A (the “Funding Approval Schedule”).
4. The Country will meet the consumption limits for each of the Substances as indicated in Appendix 2-A. It will also accept independent verification, to be commissioned by the relevant bilateral or implementing agency, of achievement of these consumption limits as described in sub-paragraph 5(b) of this Agreement.
5. The Executive Committee will not provide the Funding in accordance with the Funding Approval Schedule unless the Country satisfies the following conditions at least 60 days prior to the applicable Executive Committee meeting set out in the Funding Approval Schedule:
 - (a) That the Country has met the Targets for all relevant years. Relevant years are all years since the year in which the hydrochlorofluorocarbons phase-out management plan (HPMP) was approved. Exempt are years for which no obligation for reporting of country programme data exists at the date of the Executive Committee Meeting at which the funding request is being presented;
 - (b) That the meeting of these Targets has been independently verified, except if the Executive Committee decided that such verification would not be required;
 - (c) That the Country had submitted tranche implementation reports in the form of Appendix 4-A (the “Format of Tranche Implementation Report and Plan”) covering each previous calendar year, that it had achieved a significant level of implementation of activities initiated with previously approved tranches, and that the rate of disbursement of funding available from the previously approved tranche was more than 20 per cent; and
 - (d) That the Country has submitted and received approval from the Executive Committee for a tranche implementation plan in the form of Appendix 4-A (the “Format of Tranche

Implementation Reports and Plans”) covering each calendar year until and including the year for which the funding schedule foresees the submission of the next tranche or, in case of the final tranche, until completion of all activities foreseen.

6. The Country will ensure that it conducts accurate monitoring of its activities under this Agreement. The institutions set out in Appendix 5-A (the “Monitoring Institutions and Roles”) will monitor and report on Implementation of the activities in the previous tranche implementation plan in accordance with their roles and responsibilities set out in Appendix 5-A. This monitoring will also be subject to independent verification as described in sub-paragraph 5(b).

7. The Executive Committee agrees that the Country may have the flexibility to reallocate the approved funds, or part of the funds, according to the evolving circumstances to achieve the smoothest phase-down and phase-out of the Substances specified in Appendix 1-A. Reallocations categorized as major changes must be documented in advance in a Tranche Implementation Plan and approved by the Executive Committee as described in sub-paragraph 5(d). Major changes would relate to reallocations affecting in total 30 per cent or more of the funding of the last approved tranche, issues potentially concerning the rules and policies of the Multilateral Fund, or changes which would modify any clause of this Agreement. Reallocations not categorized as major changes may be incorporated in the approved Tranche Implementation Plan, under implementation at the time, and reported to the Executive Committee in the Tranche Implementation Report. Any remaining funds will be returned to the Multilateral Fund upon closure of the last tranche of the plan.

8. Specific attention will be paid to the execution of the activities in the refrigeration servicing sub-sector, in particular:

- (a) The Country would use the flexibility available under this Agreement to address specific needs that might arise during project implementation; and
- (b) The Country and the bilateral and implementing agencies involved will take full account of the requirements of decisions 41/100 and 49/6 during the implementation of the plan.

9. The Country agrees to assume overall responsibility for the management and implementation of this Agreement and of all activities undertaken by it or on its behalf to fulfil the obligations under this Agreement. UNEP has agreed to be the lead implementing agency (the “Lead IA”) and UNIDO has agreed to be cooperating implementing agency (the “Cooperating IA”) under the lead of the Lead IA in respect of the Country’s activities under this Agreement. The Country agrees to evaluations, which might be carried out under the monitoring and evaluation work programmes of the Multilateral Fund or under the evaluation programme of any of the IA taking part in this Agreement.

10. The Lead IA will be responsible for carrying out the activities of the plan as detailed in the first submission of the HPMP with the changes approved as part of the subsequent tranche submissions, including but not limited to independent verification as per sub-paragraph 5(b). This responsibility includes the necessity to co-ordinate with the Cooperating IA to ensure appropriate timing and sequence of activities in the implementation. The Cooperating IA will support the Lead IA by implementing the activities listed in Appendix 6-B under the overall co-ordination of the Lead IA. The Lead IA and Cooperating IA have entered into a formal agreement regarding planning, reporting and responsibilities under this Agreement to facilitate a co-ordinated implementation of the Plan, including regular co-ordination meetings. The Executive Committee agrees, in principle, to provide the Lead IA and the Cooperating IA with the fees set out in rows 2.2 and 2.4 of Appendix 2-A.

11. Should the Country, for any reason, not meet the Targets for the elimination of the Substances set out in row 1.2 of Appendix 2-A or otherwise does not comply with this Agreement, then the Country agrees

that it will not be entitled to the Funding in accordance with the Funding Approval Schedule. At the discretion of the Executive Committee, funding will be reinstated according to a revised Funding Approval Schedule determined by the Executive Committee after the Country has demonstrated that it has satisfied all of its obligations that were due to be met prior to receipt of the next tranche of funding under the Funding Approval Schedule. The Country acknowledges that the Executive Committee may reduce the amount of the Funding by the amounts set out in Appendix 7-A in respect of each ODP tonne of reductions in consumption not achieved in any one year. The Executive Committee will discuss each specific case in which the country did not comply with this Agreement, and take related decisions. Once these decisions are taken, this specific case will not be an impediment for future tranches as per paragraph 5.

12. The Funding of this Agreement will not be modified on the basis of any future Executive Committee decision that may affect the funding of any other consumption sector projects or any other related activities in the Country.

13. The Country will comply with any reasonable request of the Executive Committee and the Lead IA and the Cooperating IA to facilitate implementation of this Agreement. In particular, it will provide the Lead IA and the Cooperating IA with access to information necessary to verify compliance with this Agreement.

14. The completion of the HPMP and the associated Agreement will take place at the end of the year following the last year for which a maximum allowable total consumption has been specified in Appendix 2-A. Should at that time activities be still outstanding which were foreseen in the Plan and its subsequent revisions as per sub-paragraph 5(d) and paragraph 7, the completion will be delayed until the end of the year following the implementation of the remaining activities. The reporting requirements as per Appendix 4-A (a), (b), (d) and (e) continue until the time of the completion if not specified by the Executive Committee otherwise.

15. All of the agreements set out in this Agreement are undertaken solely within the context of the Montreal Protocol and as specified in this Agreement. All terms used in this Agreement have the meaning ascribed to them in the Montreal Protocol unless otherwise defined herein.

16. This updated Agreement supersedes the Agreement reached between the Government of Burkina Faso and the Executive Committee at the 70th meeting of the Executive Committee.

APPENDICES

APPENDIX 1-A: THE SUBSTANCES

Substance	Annex	Group	Starting point for aggregate reductions in consumption (ODP tonnes)
HCFC-22	C	I	18.00

APPENDIX 2-A: THE TARGETS, AND FUNDING

Row	Particulars	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	Total
1.1	Montreal Protocol reduction schedule of Annex C, Group I substances (ODP tonnes)	n/a	n/a	n/a	28.9	28.9	26.01	26.01	26.01	26.01	26.01	18.79	n/a
1.2	Maximum allowable total consumption of Annex C, Group I substances (ODP tonnes)	n/a	n/a	n/a	18.00	18.00	16.20	16.20	16.20	16.20	16.20	11.70	n/a
.1	Lead IA (UNEP) agreed funding (US \$)	120,000	0	0	120,000	0	0	0	87,000	0	0	63,000	390,000
2.2	Support costs for Lead IA (US \$)	15,600	0	0	15,600	0	0	0	11,310	0	0	8,190	50,700
2.3	Cooperating IA (UNIDO) agreed funding (US \$)	150,000	0	0	0	0	0	0	90,000	0	0	0	240,000
2.4	Support costs for Cooperating IA (US \$)	13,500	0	0	0	0	0	0	8,100	0	0	0	21,600
3.1	Total agreed funding (US \$)	270,000	0	0	120,000	0	0	0	177,000	0	0	63,000	630,000
3.2	Total support costs (US \$)	29,100	0	0	15,600	0	0	0	19,410	0	0	8,190	72,300
3.3	Total agreed costs (US \$)	299,100	0	0	135,600	0	0	0	196,410	0	0	71,190	702,300
4.1.1	Total phase-out of HCFC-22 agreed to be achieved under this Agreement (ODP tonnes)												6.30
4.1.2	Phase-out of HCFC-22 to be achieved in previously approved projects (ODP tonnes)												0
4.1.3	Remaining eligible consumption for HCFC-22 (ODP tonnes)												11.70

APPENDIX 3-A: FUNDING APPROVAL SCHEDULE

1. Funding for the future tranches will be considered for approval not earlier than the second meeting of the year specified in Appendix 2-A.

APPENDIX 4-A: FORMAT OF TRANCHE IMPLEMENTATION REPORTS AND PLANS

1. The submission of the Tranche Implementation Report and Plan will consist of five parts:
 - (a) A narrative report regarding the progress in the previous tranche, reflecting on the situation of the Country in regard to phase out of the Substances, how the different activities contribute to it and how they relate to each other. The report should further highlight successes, experiences and challenges related to the different activities included in the Plan, reflecting on changes in the circumstances in the country, and providing other relevant information. The report should also include information about and justification for any changes vis-à-vis the previously submitted tranche plan, such as delays, uses of the flexibility for reallocation of funds during implementation of a tranche, as provided for in paragraph 7 of this Agreement, or other changes. The narrative report will cover all relevant years specified in sub-paragraph 5(a) of the Agreement and can in addition also include information about activities in the current year;

- (b) A verification report of the HPMP results and the consumption of the substances mentioned in Appendix 1-A, as per sub-paragraph 5(b) of the Agreement. If not decided otherwise by the Executive Committee, such a verification has to be provided together with each tranche request and will have to provide verification of the consumption for all relevant years as specified in sub-paragraph 5(a) of the Agreement for which a verification report has not yet been acknowledged by the Committee;
- (c) A written description of the activities to be undertaken in the next tranche, highlighting their interdependence, and taking into account experiences made and progress achieved in the implementation of earlier tranches. The description should also include a reference to the overall Plan and progress achieved, as well as any possible changes to the overall plan foreseen. The description should cover the years specified in sub-paragraph 5(d) of the Agreement. The description should also specify and explain any revisions to the overall plan which were found to be necessary;
- (d) A set of quantitative information for the report and plan, submitted into a database. As per the relevant decisions of the Executive Committee in respect to the format required, the data should be submitted online. This quantitative information, to be submitted by calendar year with each tranche request, will be amending the narratives and description for the report (see sub-paragraph 1(a) above) and the plan (see sub-paragraph 1(c) above), and will cover the same time periods and activities; it will also capture the quantitative information regarding any necessary revisions of the overall plan as per sub-paragraph 1(c) above. While the quantitative information is required only for previous and future years, the format will include the option to submit in addition information regarding the current year if desired by the country and lead implementing agency; and
- (e) An Executive Summary of about five paragraphs, summarizing the information of above sub-paragraphs 1(a) to 1(d).

APPENDIX 5-A: MONITORING INSTITUTIONS AND ROLES

1. The NOU will submit annual progress reports of status of implementation of the HPMP to UNEP.
2. Monitoring of development of HPMP and verification of the achievement of the performance targets, specified in the Plan, will be assigned to independent local company or to independent local consultants by UNEP.

APPENDIX 6-A: ROLE OF THE LEAD IMPLEMENTING AGENCY

1. The Lead IA will be responsible for a range of activities. These can be specified in the project document further, but include at least the following:
 - (a) Ensuring performance and financial verification in accordance with this Agreement and with its specific internal procedures and requirements as set out in the Country's phase-out plan;
 - (b) Assisting the Country in preparation of the Tranche Implementation Plans and subsequent reports as per Appendix 4-A;
 - (c) Providing verification to the Executive Committee that the Targets have been met and associated annual activities have been completed as indicated in the Tranche Implementation Plan consistent with Appendix 4-A;

- (d) Ensuring that the experiences and progress is reflected in updates of the overall Plan and in future Tranche Implementation Plans consistent with sub-paragraphs 1(c) and 1(d) of Appendix 4-A;
- (e) Fulfilling the reporting requirements for the tranches and the overall Plan as specified in Appendix 4-A as well as project completion reports for submission to the Executive Committee. The reporting requirements include the reporting about activities undertaken by the Cooperating IA;
- (f) Ensuring that appropriate independent technical experts carry out the technical reviews;
- (g) Carrying out required supervision missions;
- (h) Ensuring the presence of an operating mechanism to allow effective, transparent implementation of the Tranche Implementation Plan and accurate data reporting;
- (i) Co-ordinating the activities of the Cooperating IA, and ensuring appropriate sequence of activities;
- (j) In case of reductions in funding for failure to comply in accordance with paragraph 11 of the Agreement, to determine, in consultation with the Country and the co-ordinating implementing agencies, the allocation of the reductions to the different budget items and to the funding of each implementing or bilateral agency involved;
- (k) Ensuring that disbursements made to the Country are based on the use of the indicators; and
- (l) Providing assistance with policy, management and technical support when required.

2. After consultation with the Country and taking into account any views expressed, the Lead IA will select and mandate an independent organization to carry out the verification of the HPMP results and the consumption of the substances mentioned in Appendix 1-A, as per sub-paragraph 5(b) of the Agreement and sub-paragraph 1(b) of Appendix 4-A.

APPENDIX 6-B: ROLE OF COOPERATING IMPLEMENTING AGENCY

1. The Cooperating IA will be responsible for a range of activities. These activities can be specified in the respective project document further, but include at least the following:

- (a) Providing policy development assistance when required;
- (b) Assisting the Country in the implementation and assessment of the activities funded by the Cooperating IA, and refer to the Lead IA to ensure a co-ordinated sequence in the activities; and
- (c) Providing reports to the Lead IA on these activities, for inclusion in the consolidated reports as per Appendix 4-A.

APPENDIX 7-A: REDUCTIONS IN FUNDING FOR FAILURE TO COMPLY

1. In accordance with paragraph 11 of the Agreement, the amount of funding provided may be reduced by US \$2,500 per metric tonne of consumption beyond the level defined in row 1.2 of Appendix 2-A for each year in which the target specified in row 1.2 of Appendix 2-A has not been met.

Annex XXIII

**UPDATED AGREEMENT BETWEEN THE GOVERNMENT OF THE DEMOCRATIC
REPUBLIC OF THE CONGO AND THE EXECUTIVE COMMITTEE OF THE
MULTILATERAL FUND FOR THE REDUCTION IN CONSUMPTION OF
HYDROCHLOROFLUOROCARBONS**

1. This Agreement represents the understanding of the Government of the Democratic Republic of the Congo (the “Country”) and the Executive Committee with respect to the reduction of controlled use of the ozone-depleting substances (ODS) set out in Appendix 1-A (“The Substances”) to a sustained level of 16.00 ODP tonnes prior to 1 January 2017 in compliance with Montreal Protocol schedules.
2. The Country agrees to meet the annual consumption limits of the Substances as set out in row 1.2 of Appendix 2-A (“The Targets, and Funding”) in this Agreement as well as in the Montreal Protocol reduction schedule for all Substances mentioned in Appendix 1-A. The Country accepts that, by its acceptance of this Agreement and performance by the Executive Committee of its funding obligations described in paragraph 3, it is precluded from applying for or receiving further funding from the Multilateral Fund in respect to any consumption of the Substances which exceeds the level defined in row 1.2 of Appendix 2-A (“maximum allowable total consumption of Annex C, Group I Substances”; the Target) as the final reduction step under this Agreement for all of the Substances specified in Appendix 1-A, and in respect to any consumption of each of the Substances which exceeds the level defined in row 4.1.3 (remaining eligible consumption).
3. Subject to compliance by the Country with its obligations set out in this Agreement, the Executive Committee agrees in principle to provide the funding set out in row 3.1 of Appendix 2-A (“Targets and Funding”) to the Country. The Executive Committee will, in principle, provide this funding at the Executive Committee meetings specified in Appendix 3-A (“Funding Approval Schedule”).
4. The Country will accept independent verification, to be commissioned by the relevant bilateral or implementing agency, of achievement of the annual consumption limits of the Substances as set out in row 1.2 of Appendix 2-A (“The Targets, and Funding”) of this Agreement as described in sub-paragraph 5(b) of this Agreement.
5. The Executive Committee will not provide the Funding in accordance with the Funding Approval Schedule unless the Country satisfies the following conditions at least 60 days prior to the applicable Executive Committee meeting set out in the Funding Approval Schedule:
 - (a) That the Country has met the Targets for all relevant years. Relevant years are all years since the year in which the hydrochlorofluorocarbons phase-out management plan (HPMP) was approved. Exempt are years for which no obligation for reporting of country programme data exists at the date of the Executive Committee Meeting at which the funding request is being presented;
 - (b) That the meeting of these Targets has been independently verified, except if the Executive Committee decided that such verification would not be required;
 - (c) That the Country had submitted tranche implementation reports in the form of Appendix 4-A (“Format of Tranche Implementation Reports and Plans”) covering each previous calendar year, that it had achieved a significant level of implementation of activities initiated with previously approved tranches, and that the rate of disbursement of funding available from the previously approved tranche was more than 20 per cent;

- (d) That the Country has submitted and received approval from the Executive Committee for a tranche implementation plan in the form of Appendix 4-A (“Format of Tranche Implementation Reports and Plans”) covering each calendar year until and including the year for which the funding schedule foresees the submission of the next tranche or, in case of the final tranche, until completion of all activities foreseen; and
- (e) That, for all submissions from the 68th Meeting onwards, confirmation has been received from the Government that an enforceable national system of licensing and quotas for HCFC imports and, where applicable, production and exports is in place and that the system is capable of ensuring the country’s compliance with the Montreal Protocol HCFC phase-out schedule for the duration of this agreement.

6. The Country will ensure that it conducts accurate monitoring of its activities under this Agreement. The institutions set out in Appendix 5-A (“Monitoring Institutions and Roles”) will monitor and report on implementation of the activities in the previous tranche implementation plan in accordance with their roles and responsibilities set out in Appendix 5-A. This monitoring will also be subject to independent verification as described in sub-paragraph 5(b).

7. The Executive Committee agrees that the Country may have the flexibility to reallocate the approved funds, or part of the funds, according to the evolving circumstances to achieve the smoothest phase-down and phase-out of the Substances specified in Appendix 1-A. Reallocations categorized as major changes must be documented in advance in a Tranche Implementation Plan and approved by the Executive Committee as described in sub-paragraph 5(d). Major changes would relate to reallocations affecting in total 30 per cent or more of the funding of the last approved tranche, issues potentially concerning the rules and policies of the Multilateral Fund, or changes which would modify any clause of this Agreement. Reallocations not categorized as major changes may be incorporated in the approved Tranche Implementation Plan, under implementation at the time, and reported to the Executive Committee in the Tranche Implementation Report. Any remaining funds will be returned to the Multilateral Fund upon closure of the last tranche of the plan.

8. Specific attention will be paid to the execution of the activities in the refrigeration servicing sub-sector, in particular:

- (a) The Country would use the flexibility available under this Agreement to address specific needs that might arise during project implementation; and
- (b) The Country and the bilateral and implementing agencies involved will take full account of the requirements of decisions 41/100 and 49/6 during the implementation of the plan.

9. The Country agrees to assume overall responsibility for the management and implementation of this Agreement and of all activities undertaken by it or on its behalf to fulfil the obligations under this Agreement. UNEP has agreed to be the lead implementing agency (the “Lead IA”) and UNDP has agreed to be the cooperating implementing agency (the “Cooperating IA”) under the lead of the Lead IA in respect of the Country’s activities under this Agreement. The Country agrees to evaluations, which might be carried out under the monitoring and evaluation work programmes of the Multilateral Fund or under the evaluation programme of any of the agencies taking part in this Agreement.

10. The Lead IA will be responsible for carrying out the activities of the plan as detailed in the first submission of the HPMP with the changes approved as part of the subsequent tranche submissions, including but not limited to independent verification as per sub-paragraph 5(b). This responsibility includes the necessity to co-ordinate with the Cooperating IA to ensure appropriate timing and sequence of activities in the implementation. The Cooperating IA will support the Lead IA by implementing the activities listed

in Appendix 6-B under the overall co-ordination of the Lead IA. The Lead IA and Cooperating IA have entered into a formal agreement regarding planning, reporting and responsibilities under this Agreement to facilitate a co-ordinated implementation of the Plan, including regular co-ordination meetings. The Executive Committee agrees, in principle, to provide the Lead IA and the Cooperating IA with the fees set out in rows 2.2 and 2.4 of Appendix 2-A.

11. Should the Country, for any reason, not meet the Targets for the elimination of the Substances set out in row 1.2 of Appendix 2-A or otherwise does not comply with this Agreement, then the Country agrees that it will not be entitled to the Funding in accordance with the Funding Approval Schedule. At the discretion of the Executive Committee, funding will be reinstated according to a revised Funding Approval Schedule determined by the Executive Committee after the Country has demonstrated that it has satisfied all of its obligations that were due to be met prior to receipt of the next tranche of funding under the Funding Approval Schedule. The Country acknowledges that the Executive Committee may reduce the amount of the Funding by the amounts set out in Appendix 7-A in respect of each ODP tonne of reductions in consumption not achieved in any one year. The Executive Committee will discuss each specific case in which the Country did not comply with this Agreement, and take related decisions. Once these decisions are taken, this specific case will not be an impediment for future tranches as per paragraph 5.

12. The Funding of this Agreement will not be modified on the basis of any future Executive Committee decision that may affect the funding of any other consumption sector projects or any other related activities in the Country.

13. The Country will comply with any reasonable request of the Executive Committee, the Lead IA and the Cooperating IA to facilitate implementation of this Agreement. In particular, it will provide the Lead IA and the Cooperating IA with access to information necessary to verify compliance with this Agreement.

14. The completion of the HPMP and the associated Agreement will take place at the end of the year following the last year for which a maximum allowable total consumption has been specified in Appendix 2-A. Should at that time activities be still outstanding which were foreseen in the Plan and its subsequent revisions as per sub-paragraph 5(d) and paragraph 7, the completion will be delayed until the end of the year following the implementation of the remaining activities. The reporting requirements as per Appendix 4-A (a), (b), (d) and (e) continue until the time of the completion if not specified by the Executive Committee otherwise.

15. All of the agreements set out in this Agreement are undertaken solely within the context of the Montreal Protocol and as specified in this Agreement. All terms used in this Agreement have the meaning ascribed to them in the Montreal Protocol unless otherwise defined herein.

16. This updated Agreement supersedes the Agreement reached between the Government of the Democratic Republic of the Congo and the Executive Committee at the 63rd meeting of the Executive Committee.

APPENDICES

APPENDIX 1-A: THE SUBSTANCES

Substance	Annex	Group	Starting point for aggregate reductions in consumption (ODP tonnes)
HCFC-22	C	I	17.00

APPENDIX 2-A: THE TARGETS, AND FUNDING

Row	Particulars	2011	2012	2013*	2014	2015	2016	2017	Total**
1.1	Montreal Protocol reduction schedule of Annex C, Group I substances (ODP tonnes)	n/a	n/a	66.21	66.21	59.59	59.59	59.59	n/a
1.2	Maximum allowable total consumption of Annex C, Group I substances (ODP tonnes)	n/a	n/a	36.00	17.00	16.00	16.00	16.00	n/a
2.1	Lead IA (UNEP) agreed funding (US \$)	95,000	0	116,500	0	0	0	23,500	235,000
2.2	Support costs for Lead IA (US \$)	12,350	0	15,145	0	0	0	3,055	30,550
2.3	Cooperating IA (UNDP) agreed funding (US \$)	100,000	0	116,000	0	0	0	24,000	240,000
2.4	Support costs for Cooperating IA (US \$)	9,000	0	10,440	0	0	0	2,160	21,600
3.1	Total agreed funding (US \$)	195,000	0	232,500	0	0	0	47,500	475,000
3.2	Total support costs (US \$)	21,350	0	25,585	0	0	0	5,215	52,150
3.3	Total agreed costs (US \$)	216,350	0	258,085	0	0	0	52,715	527,150
4.1.1	Total phase-out of HCFC-22 under this agreement (ODP tonnes)								5.8
4.1.2	Phase-out of HCFC-22 in previously approved projects (ODP tonnes)								0
4.1.3	Remaining eligible consumption for HCFC-22 (ODP tonnes)								11.2

* The starting point was revised from 58 ODP tonnes to 17 ODP tonnes at the 80th meeting. HCFC consumption reported under Article 7 of the Montreal Protocol for 2013 was used as the maximum allowable consumption for that year instead of the revised starting point, to show compliance with the Agreement with the Executive Committee.

** The funding level associated with stage I of the HPMP should be US \$176,000 in line with decision 60/44(f)(xii). The funding adjustment will be made when stage II of the HPMP would be approved.

APPENDIX 3-A: FUNDING APPROVAL SCHEDULE

1. Funding for the future tranches will be considered for approval not earlier than the second meeting of the year specified in Appendix 2-A.

APPENDIX 4-A: FORMAT OF TRANCHE IMPLEMENTATION REPORTS AND PLANS

1. The submission of the Tranche Implementation Report and Plan will consist of five parts:
 - (a) A narrative report regarding the progress in the previous tranche, reflecting on the situation of the Country in regard to phase out of the Substances, how the different activities contribute to it and how they relate to each other. The report should further highlight successes, experiences and challenges related to the different activities included in the Plan, reflecting on changes in the circumstances in the country, and providing other relevant information. The report should also include information about and justification for any changes vis-à-vis the previously submitted tranche plan, such as delays, uses of the flexibility for reallocation of funds during implementation of a tranche, as provided for in paragraph 7 of this Agreement, or other changes. The narrative report will cover all relevant years specified in sub-paragraph 5(a) of the Agreement and can in addition also include information about activities in the current year;
 - (b) A verification report of the HPMP results and the consumption of the substances mentioned in Appendix 1-A, as per sub-paragraph 5(b) of the Agreement. If not decided otherwise by the Executive Committee, such a verification has to be provided together with each tranche request and will have to provide verification of the consumption for all relevant years as

specified in sub-paragraph 5(a) of the Agreement for which a verification report has not yet been acknowledged by the Committee;

- (c) A written description of the activities to be undertaken in the next tranche, highlighting their interdependence, and taking into account experiences made and progress achieved in the implementation of earlier tranches. The description should also include a reference to the overall Plan and progress achieved, as well as any possible changes to the overall plan foreseen. The description should cover the years specified in sub-paragraph 5(d) of the Agreement. The description should also specify and explain any revisions to the overall plan which were found to be necessary;
- (d) A set of quantitative information for the report and plan, submitted into a database. As per the relevant decisions of the Executive Committee in respect to the format required, the data should be submitted online. This quantitative information, to be submitted by calendar year with each tranche request, will be amending the narratives and description for the report (see sub-paragraph 1(a) above) and the plan (see sub-paragraph 1(c) above), and will cover the same time periods and activities; it will also capture the quantitative information regarding any necessary revisions of the overall plan as per sub-paragraph 1(c) above. While the quantitative information is required only for previous and future years, the format will include the option to submit in addition information regarding the current year if desired by the country and lead implementing agency; and
- (e) An Executive Summary of about five paragraphs, summarizing the information of above sub-paragraphs 1(a) to 1(d).

APPENDIX 5-A: MONITORING INSTITUTIONS AND ROLES

1. The National Ozone Unit (NOU) will submit annual progress reports on status of implementation of the HPMP to UNEP.
2. Monitoring of development of HPMP and verification of the achievement of the performance targets, specified in the Plan, will be assigned to an independent local company or independent local consultants by UNEP.

APPENDIX 6-A: ROLE OF THE LEAD IMPLEMENTING AGENCY

1. The Lead IA will be responsible for a range of activities. These can be specified in the project document further, but include at least the following:
 - (a) Ensuring performance and financial verification in accordance with this Agreement and with its specific internal procedures and requirements as set out in the Country's phase-out plan;
 - (b) Assisting the Country in preparation of the Tranche Implementation Plans and subsequent reports as per Appendix 4-A;
 - (c) Providing verification to the Executive Committee that the Targets have been met and associated annual activities have been completed as indicated in the Tranche Implementation Plan consistent with Appendix 4-A;

- (d) Ensuring that the experiences and progress is reflected in updates of the overall Plan and in future Tranche Implementation Plans consistent with sub-paragraphs 1(c) and 1(d) of Appendix 4-A;
- (e) Fulfilling the reporting requirements for the tranches and the overall Plan as specified in Appendix 4-A as well as project completion reports for submission to the Executive Committee. The reporting requirements include the reporting about activities undertaken by the Cooperating IA;
- (f) Ensuring that appropriate independent technical experts carry out the technical reviews;
- (g) Carrying out required supervision missions;
- (h) Ensuring the presence of an operating mechanism to allow effective, transparent implementation of the Tranche Implementation Plan and accurate data reporting;
- (i) Co-ordinating the activities of the Cooperating IA, and ensuring appropriate sequence of activities;
- (j) In case of reductions in funding for failure to comply in accordance with paragraph 11 of the Agreement, to determine, in consultation with the Country and the Cooperating IAs, the allocation of the reductions to the different budget items and to the funding of each implementing or bilateral agency involved;
- (k) Ensuring that disbursements made to the Country are based on the use of the indicators; and
- (l) Providing assistance with policy, management and technical support when required.

2. After consultation with the Country and taking into account any views expressed, the Lead IA will select and mandate an independent organization to carry out the verification of the HPMP results and the consumption of the Substances mentioned in Appendix 1-A, as per sub-paragraph 5(b) of the Agreement and sub-paragraph 1(b) of Appendix 4-A.

APPENDIX 6-B: ROLE OF COOPERATING IMPLEMENTING AGENCY

1. The Cooperating IA will be responsible for a range of activities. These activities can be specified in the respective project document further, but include at least the following:

- (a) Providing policy development assistance when required;
- (b) Assisting the Country in the implementation and assessment of the activities funded by the Cooperating IA, and refer to the Lead IA to ensure a co-ordinated sequence in the activities; and
- (c) Providing reports to the Lead IA on these activities, for inclusion in the consolidated reports as per Appendix 4-A.

APPENDIX 7-A: REDUCTIONS IN FUNDING FOR FAILURE TO COMPLY

1. In accordance with paragraph 11 of the Agreement, the amount of funding provided may be reduced by US \$163.64 per ODP kg of consumption beyond the level defined in row 1.2 of Appendix 2-A for each year in which the target specified in row 1.2 of Appendix 2-A has not been met.

Annex XXIV

**UPDATED AGREEMENT BETWEEN THE GOVERNMENT OF KENYA AND THE
EXECUTIVE COMMITTEE OF THE MULTILATERAL FUND FOR THE REDUCTION IN
CONSUMPTION OF HYDROCHLOROFLUOROCARBONS**

1. This Agreement represents the understanding of the Government of Kenya (the “Country”) and the Executive Committee with respect to the reduction of controlled use of the ozone-depleting substances (ODS) set out in Appendix 1-A (“The Substances”) to a sustained level of 22.41 ODP tonnes by 1 January 2017 in compliance with Montreal Protocol schedules.
2. The Country agrees to meet the annual consumption limits of the Substances as set out in row 1.2 of Appendix 2-A (“The Targets, and Funding”) in this Agreement as well as in the Montreal Protocol reduction schedule for all Substances mentioned in Appendix 1-A. The Country accepts that, by its acceptance of this Agreement and performance by the Executive Committee of its funding obligations described in paragraph 3, it is precluded from applying for or receiving further funding from the Multilateral Fund in respect to any consumption of the Substances that exceeds the level defined in row 1.2 of Appendix 2-A as the final reduction step under this Agreement for all of the Substances specified in Appendix 1-A, and in respect to any consumption of each of the Substances that exceeds the level defined in row 4.1.3 (remaining eligible consumption).
3. Subject to compliance by the Country with its obligations set out in this Agreement, the Executive Committee agrees, in principle, to provide the funding set out in row 3.1 of Appendix 2-A to the Country. The Executive Committee will, in principle, provide this funding at the Executive Committee meetings specified in Appendix 3-A (“Funding Approval Schedule”).
4. The Country agrees to implement this Agreement in accordance with the HCFC phase-out sector plans submitted. In accordance with sub-paragraph 5(b) of this Agreement, the Country will accept independent verification of the achievement of the annual consumption limits of the Substances as set out in row 1.2 of Appendix 2-A of this Agreement. The aforementioned verification will be commissioned by the relevant bilateral or implementing agency.
5. The Executive Committee will not provide the Funding in accordance with the Funding Approval Schedule unless the Country satisfies the following conditions at least eight weeks in advance of the applicable Executive Committee meeting set out in the Funding Approval Schedule:
 - (a) That the Country had met the Targets set out in row 1.2 of Appendix 2-A for all relevant years. Relevant years are all years since the year in which this Agreement was approved. Years for which no obligation for reporting of country programme data exists at the date of the Executive Committee meeting at which the funding request is being presented are exempted;
 - (b) That the meeting of these Targets has been independently verified, unless the Executive Committee decided that such verification would not be required;
 - (c) That the Country had submitted annual implementation reports in the form of Appendix 4-A (“Format of Implementation Reports and Plans”) covering each previous calendar year; that it had achieved a significant level of implementation of activities initiated with previously approved tranches; and that the rate of disbursement of funding available from the previously approved tranche was more than 20 per cent;

- (d) That the Country has submitted an annual implementation plan in the form of Appendix 4-A covering each calendar year until and including the year for which the funding schedule foresees the submission of the next tranche or, in case of the final tranche, until completion of all activities foreseen; and
- (e) That, for all submissions from the 68th meeting onwards, confirmation has been received from the Government that an enforceable national system of licensing and quotas for HCFC imports and, where applicable, production and exports is in place and that the system is capable of ensuring the Country's compliance with the Montreal Protocol HCFC phase-out schedule for the duration of this Agreement.

6. The Country will ensure that it conducts accurate monitoring of its activities under this Agreement. The institutions set out in Appendix 5-A (“Monitoring Institutions and Roles”) will monitor and report on implementation of the activities in the previous annual implementation plans in accordance with their roles and responsibilities set out in Appendix 5-A. This monitoring will also be subject to independent verification as described in paragraph 4 above.

7. The Executive Committee agrees that the Country may have the flexibility to reallocate the approved funds, or part of the funds, according to the evolving circumstances to achieve the smoothest reduction of consumption and phase-out of the Substances specified in Appendix 1-A:

- (a) Reallocations categorized as major changes must be documented in advance either in an annual implementation plan submitted as foreseen in sub-paragraph 5(d) above, or as a revision to an existing annual implementation plan to be submitted eight weeks prior to any meeting of the Executive Committee, for its approval. Major changes would relate to:
 - (i) Issues potentially concerning the rules and policies of the Multilateral Fund;
 - (ii) Changes which would modify any clause of this Agreement;
 - (iii) Changes in the annual levels of funding allocated to individual bilateral or implementing agencies for the different tranches; and
 - (iv) Provision of funding for programmes or activities not included in the current endorsed annual implementation plan, or removal of an activity in the annual implementation plan, with a cost greater than 30 per cent of the total cost of the last approved tranche;
- (b) Reallocations not categorized as major changes may be incorporated in the approved annual implementation plan, under implementation at the time, and reported to the Executive Committee in the subsequent annual implementation report; and
- (c) Any remaining funds will be returned to the Multilateral Fund upon completion of the last tranche foreseen under this Agreement.

8. Specific attention will be paid to the execution of the activities in the refrigeration servicing sub-sector, in particular:

- (a) The Country would use the flexibility available under this Agreement to address specific needs that might arise during project implementation; and
- (b) The Country and the bilateral and implementing agencies involved will take full account of the requirements of decisions 41/100 and 49/6 during the implementation of the plan.

9. The Country agrees to assume overall responsibility for the management and implementation of this Agreement and of all activities undertaken by it or on its behalf to fulfil the obligations under this Agreement. The Government of France has agreed to be the lead implementing agency (the “Lead IA”) in respect of the Country’s activities under this Agreement. The Country agrees to evaluations, which might be carried out under the monitoring and evaluation work programmes of the Multilateral Fund or under the evaluation programme of any of the agencies taking part in this Agreement.

10. The Lead IA will be responsible for ensuring co-ordinated planning, implementation and reporting of all activities under this Agreement, including but not limited to independent verification as per sub-paragraph 5(b). The Executive Committee agrees, in principle, to provide the Lead IA with the fees set out in row 2.2 of Appendix 2-A.

11. Should the Country, for any reason, not meet the Targets for the elimination of the Substances set out in row 1.2 of Appendix 2-A or otherwise does not comply with this Agreement, then the Country agrees that it will not be entitled to the Funding in accordance with the Funding Approval Schedule. At the discretion of the Executive Committee, funding will be reinstated according to a revised Funding Approval Schedule determined by the Executive Committee after the Country has demonstrated that it has satisfied all of its obligations that were due to be met prior to receipt of the next tranche of funding under the Funding Approval Schedule. The Country acknowledges that the Executive Committee may reduce the amount of the Funding by the amount set out in Appendix 7-A (“Reductions in Funding for Failure to Comply”) in respect of each ODP kg of reductions in consumption not achieved in any one year. The Executive Committee will discuss each specific case in which the Country did not comply with this Agreement, and take related decisions. Once these decisions are taken, this specific case will not be an impediment for future tranches as per paragraph 5 above.

12. The Funding of this Agreement will not be modified on the basis of any future Executive Committee decision that may affect the funding of any other consumption sector projects or any other related activities in the Country.

13. The Country will comply with any reasonable request of the Executive Committee and the Lead IA to facilitate implementation of this Agreement. In particular, it will provide the Lead IA with access to the information necessary to verify compliance with this Agreement.

14. The completion of stage I of the HPMP and the associated Agreement will take place at the end of the year following the last year for which a maximum allowable total consumption level has been specified in Appendix 2-A. Should there at that time still be activities that are outstanding, and which were foreseen in the Plan and its subsequent revisions as per sub-paragraph 5(d) and paragraph 7, the completion will be delayed until the end of the year following the implementation of the remaining activities. The reporting requirements as per sub-paragraphs 1(a), 1(b), 1(d), and 1(e) of Appendix 4-A will continue until the time of the completion unless otherwise specified by the Executive Committee.

15. All of the conditions set out in this Agreement are undertaken solely within the context of the Montreal Protocol and as specified in this Agreement. All terms used in this Agreement have the meaning ascribed to them in the Montreal Protocol unless otherwise defined herein.

16. This updated Agreement supersedes the Agreement reached between the Government of Kenya and the Executive Committee at the 66th meeting of the Executive Committee.

APPENDICES

APPENDIX 1-A: THE SUBSTANCES

Substance	Annex	Group	Starting point for aggregate reductions in consumption (ODP tonnes)
HCFC-22	C	I	33.41

APPENDIX 2-A: THE TARGETS, AND FUNDING

Row	Particulars	2012	2013	2014	2015	2016	2017	Total
1.1	Montreal Protocol reduction schedule of Annex C, Group I substances (ODP tonnes)	n/a	52.20	52.20	46.98	46.98	46.98	n/a
1.2	Maximum allowable total consumption of Annex C, Group I substances (ODP tonnes)	n/a	52.20	52.20	46.98	22.41	22.41	n/a
2.1	Lead IA (Government of France) agreed funding (US \$)	257,500	0	200,000	176,250	176,250	90,000	900,000
2.2	Support costs for Lead IA (US \$)	31,186	0	24,222	21,346	21,346	10,900	109,000
3.1	Total agreed funding (US \$)	257,500	0	200,000	176,250	176,250	90,000	900,000
3.2	Total support costs (US \$)	31,186	0	24,222	21,346	21,346	10,900	109,000
3.3	Total agreed costs (US \$)	288,686	0	224,222	197,596	197,596	100,900	1,009,000
4.1.1	Total phase-out of HCFC-22 agreed to be achieved under this Agreement (ODP tonnes)							11.63
4.1.2	Phase-out of HCFC-22 to be achieved in previously approved projects (ODP tonnes)							0.00
4.1.3	Remaining eligible consumption for HCFC-22 (ODP tonnes)							21.78

APPENDIX 3-A: FUNDING APPROVAL SCHEDULE

1. Funding for the future tranches will be considered for approval at the first meeting of the year specified in Appendix 2-A.

APPENDIX 4-A: FORMAT OF IMPLEMENTATION REPORTS AND PLANS

1. The submission of the Implementation Report and Plan for each tranche request will consist of five parts:

- (a) A narrative report, with data provided by calendar year, regarding the progress since the year prior to the previous report, reflecting the situation of the Country in regard to phase out of the Substances, how the different activities contribute to it, and how they relate to each other. The report should include ODS phase-out as a direct result from the implementation of activities, by substance, and the alternative technology used and the related phase-in of alternatives, to allow the Secretariat to provide to the Executive Committee information about the resulting change in climate relevant emissions. The report should further highlight successes, experiences, and challenges related to the different activities included in the Plan, reflecting any changes in the circumstances in the Country, and providing other relevant information. The report should also include information on and justification for any changes vis-à-vis the previously submitted Annual Implementation Plan(s), such as delays, uses of the flexibility for reallocation of funds during implementation of a tranche, as provided for in paragraph 7 of this Agreement, or other changes. The narrative report will cover all relevant years specified in subparagraph 5(a) of the Agreement and can in addition also include information on activities in the current year;

- (b) A verification report of the HPMP results and the consumption of the Substances mentioned in Appendix 1-A, as per sub-paragraph 5(b) of the Agreement. If not decided otherwise by the Executive Committee, such a verification has to be provided together with each tranche request and will have to provide verification of the consumption for all relevant years as specified in sub-paragraph 5(a) of the Agreement for which a verification report has not yet been acknowledged by the Committee;
- (c) A written description of the activities to be undertaken until and including the year of the planned submission of the next tranche request, highlighting the interdependence of the activities, and taking into account experiences made and progress achieved in the implementation of earlier tranches; the data in the plan will be provided by calendar year. The description should also include a reference to the overall plan and progress achieved, as well as any possible changes to the overall plan that are foreseen. The description should cover the years specified in sub-paragraph 5(d) of the Agreement. The description should also specify and explain in detail such changes to the overall plan. This description of future activities can be submitted as a part of the same document as the narrative report under sub-paragraph (b) above;
- (d) A set of quantitative information for all annual implementation reports and annual implementation plans, submitted through an online database. This quantitative information, to be submitted by calendar year with each tranche request, will be amending the narratives and description for the report (see sub-paragraph 1(a) above) and the plan (see sub-paragraph 1(c) above), the annual implementation plan and any changes to the overall plan, and will cover the same time periods and activities; and
- (e) An Executive Summary of about five paragraphs, summarizing the information of the above sub-paragraphs 1(a) to 1(d).

APPENDIX 5-A: MONITORING INSTITUTIONS AND ROLES

1. Monitoring of the HPMP activities will be done through the existing Project Monitoring Office that was set up under the TPMP project. Additional experts will be hired on a regular basis to assist with more specific and technical requirements of the project. The Project Monitoring Unit will work together with the National Ozone Unit to draft the necessary progress reports and meet all reporting requirements of the project.
2. Furthermore, the role of the Natural Environment Management Authority, which is the ODS licensing authority in Kenya will also be readdressed to ensure that this very important aspect of the HPMP, enforcement of ODS regulations, is done effectively.

APPENDIX 6-A: ROLE OF THE LEAD IMPLEMENTING AGENCY

1. The Lead IA will be responsible for a range of activities, including at least the following:
 - (a) Ensuring performance and financial verification in accordance with this Agreement and with its specific internal procedures and requirements as set out in the Country's HPMP;
 - (b) Assisting the Country in preparation of the Implementation Plans and subsequent reports as per Appendix 4-A;

- (c) Providing independent verification to the Executive Committee that the Targets have been met and associated annual activities have been completed as indicated in the Implementation Plan consistent with Appendix 4-A;
- (d) Ensuring that the experiences and progress is reflected in updates of the overall plan and in future annual implementation plans consistent with sub-paragraphs 1(c) and 1(d) of Appendix 4-A;
- (e) Fulfilling the reporting requirements for the annual implementation reports, annual implementation plans and the overall plan as specified in Appendix 4-A for submission to the Executive Committee.
- (f) Ensuring that appropriate independent technical experts carry out the technical reviews;
- (g) Carrying out required supervision missions;
- (h) Ensuring the presence of an operating mechanism to allow effective, transparent implementation of the Implementation Plan and accurate data reporting;
- (i) In case of reductions in funding for failure to comply in accordance with paragraph 11 of the Agreement, to determine, in consultation with the Country, the allocation of the reductions to the different budget items and to the funding of each implementing or bilateral agency involved;
- (j) Ensuring that disbursements made to the Country are based on the use of the indicators; and
- (k) Providing assistance with policy, management and technical support when required.

2. After consultation with the Country and taking into account any views expressed, the Lead IA will select and mandate an independent entity to carry out the verification of the HPMP results and the consumption of the Substances mentioned in Appendix 1-A, as per sub-paragraph 5(b) of the Agreement and sub-paragraph 1(b) of Appendix 4-A.

APPENDIX 7-A: REDUCTIONS IN FUNDING FOR FAILURE TO COMPLY

1. In accordance with paragraph 11 of the Agreement, the amount of funding provided may be reduced by US \$164 per ODP kg of consumption beyond the level defined in row 1.2 of Appendix 2-A for each year in which the target specified in row 1.2 of Appendix 2-A has not been met.

Annex XXV

**REVISED UPDATED AGREEMENT BETWEEN THE GOVERNMENT OF LESOTHO AND
THE EXECUTIVE COMMITTEE OF THE MULTILATERAL FUND FOR THE REDUCTION
IN CONSUMPTION OF HYDROCHLOROFLUOROCARBONS**

1. This Agreement represents the understanding of the Government of Lesotho and the Executive Committee with respect to the reduction of controlled use of the ozone depleting substances (ODS) set out in Appendix 1-A (“The Substances”) to a sustained level of ODP tonnes 1.00 ODP tonnes by 1 January 2020 in compliance with Montreal Protocol schedules.

2. The Country agrees to meet the annual consumption limits of the Substances as set out in row 1.2 of Appendix 2-A (“The Targets, and Funding”) in this Agreement as well as in the Montreal Protocol reduction schedule for all Substances mentioned in Appendix 1-A. The Country accepts that, by its acceptance of this Agreement and performance by the Executive Committee of its funding obligations described in paragraph 3, it is precluded from applying for or receiving further funding from the Multilateral Fund in respect to any consumption of the Substances which exceeds the level defined in row 1.2 of Appendix 2-A (“Maximum allowable total consumption of Annex C, Group I Substances”) as the final reduction step under this Agreement for all of the Substances specified in Appendix 1-A, and in respect to any consumption of each of the Substances which exceeds the level defined in row 4.1.3 (remaining eligible consumption).

3. Subject to compliance by the Country with its obligations set out in this Agreement, the Executive Committee agrees in principle to provide the funding set out in row 3.1 of Appendix 2-A (“The Targets, and Funding”) to the Country. The Executive Committee will, in principle, provide this funding at the Executive Committee meetings specified in Appendix 3-A (“Funding Approval Schedule”).

4. In accordance with sub-paragraph 5(b) of this Agreement, the Country will accept independent verification of the achievement of the annual consumption limits of the Substances as set out in row 1.2 of Appendix 2-A (“The Targets, and Funding”) of this Agreement. The aforementioned verification will be commissioned by the relevant bilateral or implementing agency.

5. The Executive Committee will not provide the Funding in accordance with the Funding Approval Schedule unless the Country satisfies the following conditions at least 60 days prior to the applicable Executive Committee meeting set out in the Funding Approval Schedule:

- (a) That the Country has met the Targets for all relevant years. Relevant years are all years since the year in which the hydrochlorofluorocarbons phase-out management plan (HPMP) was approved. Exempt are years for which no obligation for reporting of country programme data exists at the date of the Executive Committee Meeting at which the funding request is being presented;
- (b) That the meeting of these Targets has been independently verified, except if the Executive Committee decided that such verification would not be required;
- (c) That the Country had submitted annual implementation reports in the form of Appendix 4-A (“Format of Implementation Reports and Plans”) covering each previous calendar year, that it had achieved a significant level of implementation of activities initiated with previously approved tranches, and that the rate of disbursement of funding available from the previously approved tranche was more than 20 per cent;

- (d) That the Country has submitted and received approval from the Executive Committee for an annual implementation plan in the form of Appendix 4-A (“Format of Implementation Reports and Plans”) covering each calendar year until and including the year for which the funding schedule foresees the submission of the next tranche or, in case of the final tranche, until completion of all activities foreseen; and
- (e) That, for all submissions from the 68th Meeting onwards, confirmation has been received from the Government that an enforceable national system of licensing and quotas for HCFC imports and, where applicable, production and exports is in place and that the system is capable of ensuring the Country's compliance with the Montreal Protocol HCFC phase-out schedule for the duration of this Agreement.

6. The Country will ensure that it conducts accurate monitoring of its activities under this Agreement. The institutions set out in Appendix 5-A (“Monitoring Institutions and Roles”) will monitor and report on implementation of the activities in the previous annual implementation plans in accordance with their roles and responsibilities set out in Appendix 5-A. This monitoring will also be subject to independent verification as described in paragraph 4 above.

7. The Executive Committee agrees that the Country may have the flexibility to reallocate the approved funds, or part of the funds, according to the evolving circumstances to achieve the smoothest reduction of consumption and phase-out of the Substances specified in Appendix 1-A.

- (a) Reallocations categorized as major changes must be documented in advance in an annual implementation plan and approved by the Executive Committee as described in sub-paragraph 5(d) above. Major changes would relate to issues potentially concerning the rules and policies of the Multilateral Fund; changes which would modify any clause of this Agreement; changes in the annual levels of funding allocated to individual bilateral or implementing agencies for the different tranches; and provision of funding for programmes or activities not included in the current endorsed annual implementation plan, or removal of an activity in the annual implementation plan, with a cost greater than 30 per cent of the total cost of the tranche;
- (b) Reallocations not categorized as major changes may be incorporated in the approved annual implementation plan, under implementation at the time, and reported to the Executive Committee in the annual implementation report; and
- (c) Any remaining funds will be returned to the Multilateral Fund upon closure of the last tranche of the plan.

8. Specific attention will be paid to the execution of the activities in the refrigeration servicing sub-sector, in particular:

- (a) The Country would use the flexibility available under this Agreement to address specific needs that might arise during project implementation; and
- (b) The Country and the bilateral and implementing agencies involved will take full account of the requirements of decisions 41/100 and 49/6 during the implementation of the plan.

9. The Country agrees to assume overall responsibility for the management and implementation of this Agreement and of all activities undertaken by it or on its behalf to fulfil the obligations under this Agreement. The Government of Germany has agreed to be the lead implementing agency (the “Lead IA”) in respect of the Country's activities under this Agreement. The Country agrees to evaluations, which might

be carried out under the monitoring and evaluation work programmes of the Multilateral Fund or under the evaluation programme of any of the agencies taking part in this Agreement.

10. The Lead IA will be responsible for carrying out the activities of the overall plan with the changes approved as part of the subsequent submissions, including but not limited to independent verification as per sub-paragraph 5(b). The Executive Committee agrees, in principle, to provide the Lead IA with the fees set out in row 2.2 of Appendix 2-A.

11. Should the Country, for any reason, not meet the Targets for the elimination of the Substances set out in row 1.2 of Appendix 2-A or otherwise does not comply with this Agreement, then the Country agrees that it will not be entitled to the Funding in accordance with the Funding Approval Schedule. At the discretion of the Executive Committee, funding will be reinstated according to a revised Funding Approval Schedule determined by the Executive Committee after the Country has demonstrated that it has satisfied all of its obligations that were due to be met prior to receipt of the next tranche of funding under the Funding Approval Schedule. The Country acknowledges that the Executive Committee may reduce the amount of the Funding by the amount set out in Appendix 7-A in respect of each ODP kg of reductions in consumption not achieved in any one year. The Executive Committee will discuss each specific case in which the Country did not comply with this Agreement, and take related decisions. Once these decisions are taken, this specific case will not be an impediment for future tranches as per paragraph 5 above.

12. The Funding of this Agreement will not be modified on the basis of any future Executive Committee decision that may affect the funding of any other consumption sector projects or any other related activities in the Country.

13. The Country will comply with any reasonable request of the Executive Committee and the Lead IA to facilitate implementation of this Agreement. In particular, it will provide the Lead IA with access to information necessary to verify compliance with this Agreement.

14. The completion of the HPMP and the associated Agreement will take place at the end of the year following the last year for which a maximum allowable total consumption has been specified in Appendix 2-A. Should at that time activities be still outstanding which were foreseen in the Plan and its subsequent revisions as per sub-paragraph 5(d) and paragraph 7, the completion will be delayed until the end of the year following the implementation of the remaining activities. The reporting requirements as per sub-paragraphs 1(a), 1(b), 1(d), and 1(e) of Appendix 4-A continue until the time of the completion if not specified by the Executive Committee otherwise.

15. All of the conditions set out in this Agreement are undertaken solely within the context of the Montreal Protocol and as specified in this Agreement. All terms used in this Agreement have the meaning ascribed to them in the Montreal Protocol unless otherwise defined herein.

16. This updated Agreement supersedes the Agreement reached between the Government of Lesotho and the Executive Committee at the 73rd meeting of the Executive Committee.

APPENDICES

APPENDIX 1-A: THE SUBSTANCES

Substance	Annex	Group	Starting point for aggregate reductions in consumption (ODP tonnes)
HCFC-22	C	I	1.54

APPENDIX 2-A: THE TARGETS, AND FUNDING

Row	Particulars	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	Total
1.1	Montreal Protocol reduction schedule of Annex C, Group I substances (ODP tonnes)	n/a	n/a	3.5	3.5	3.15	3.15	3.15	3.15	3.15	2.27	n/a
1.2	Maximum allowable total consumption of Annex C, Group I substances (ODP tonnes)*	n/a	n/a	3.5	3.5	3.15	3.15	1.54	1.39	1.39	1.00	n/a
2.1	Lead IA (Germany) agreed funding (US \$)	100,000	0	0	68,000	0	0	84,000	0	0	28,000	280,000
2.2	Support costs for Lead IA (US \$)	13,000	0	0	8,840	0	0	10,920	0	0	3,640	36,400
3.1	Total agreed funding (US \$)	100,000	0	0	68,000	0	0	84,000	0	0	28,000	280,000
3.2	Total support cost (US \$)	13,000	0	0	8,840	0	0	10,920	0	0	3,640	36,400
3.3	Total agreed costs (US \$)	113,000	0	0	76,840	0	0	94,920	0	0	31,640	316,400
4.1.1	Total phase-out of HCFC-22 agreed to be achieved under this Agreement (ODP tonnes)											0.54
4.1.2	Phase-out of HCFC-22 to be achieved in previously approved projects (ODP tonnes)											-
4.1.3	Remaining eligible consumption for HCFC-22 (ODP tonnes)											1.00

*Starting point revised from 3.5 ODP tonnes to 1.54 ODP tonnes at the 80th meeting in 2017. The funding level associated with stage I of the HPMP should be up to US \$210,000. The funding adjustment will be made when stage II of the HPMP is approved.

APPENDIX 3-A: FUNDING APPROVAL SCHEDULE

1. Funding for the future tranches will be considered for approval not earlier than the second meeting of the year specified in Appendix 2-A.

APPENDIX 4-A: FORMAT OF IMPLEMENTATION REPORTS AND PLANS

1. The submission of the Implementation Report and Plan for each tranche request will consist of five parts:

- (a) A narrative report regarding the progress since the approval of the previous tranche, reflecting on the situation of the Country in regard to phase out of the Substances, how the different activities contribute to it and how they relate to each other. The report should further highlight successes, experiences and challenges related to the different activities included in the Plan, reflecting on changes in the circumstances in the Country, and providing other relevant information. The report should also include information about and justification for any changes vis-à-vis the previously submitted tranche plan, such as delays, uses of the flexibility for reallocation of funds during implementation of a tranche, as provided for in paragraph 7 of this Agreement, or other changes. The narrative report will cover all relevant years specified in sub-paragraph 5(a) of the Agreement and can in addition also include information about activities in the current year;

- (b) A verification report of the HPMP results and the consumption of the Substances mentioned in Appendix 1-A, as per sub-paragraph 5(b) of the Agreement. If not decided otherwise by the Executive Committee, such a verification has to be provided together with each tranche request and will have to provide verification of the consumption for all relevant years as specified in sub-paragraph 5(a) of the Agreement for which a verification report has not yet been acknowledged by the Committee;
- (c) A written description of the activities to be undertaken until the planned submission of the next tranche request, highlighting their interdependence, and taking into account experiences made and progress achieved in the implementation of earlier tranches. The description should also include a reference to the overall plan and progress achieved, as well as any possible changes to the overall plan foreseen. The description should cover the years specified in sub-paragraph 5(d) of the Agreement. The description should also specify and explain any revisions to the overall plan which were found to be necessary;
- (d) A set of quantitative information for the report and plan, submitted into a database. As per the relevant decisions of the Executive Committee in respect to the format required, the data should be submitted online. This quantitative information, to be submitted by calendar year with each tranche request, will be amending the narratives and description for the report (see sub-paragraph 1(a) above) and the plan (see sub-paragraph 1(c) above), and will cover the same time periods and activities; it will also capture the quantitative information regarding any necessary revisions of the overall plan as per sub-paragraph 1(c) above. While the quantitative information is required only for previous and future years, the format will include the option to submit in addition information regarding the current year if desired by the Country and the Lead IA; and
- (e) An Executive Summary of about five paragraphs, summarizing the information of above sub-paragraphs 1(a) to 1(d).

APPENDIX 5-A: MONITORING INSTITUTIONS AND ROLES

1. There are only limited funds available under this phase of the HPMP that does not allow for a full time monitoring officer. The project has decided to either use the services of the National Ozone Unit where feasible and possible or to hire a consultant for specific monitoring if and when required.

APPENDIX 6-A: ROLE OF THE LEAD IMPLEMENTING AGENCY

1. The Lead IA will be responsible for a range of activities. These can be specified in the project document further, but include at least the following:

- (a) Ensuring performance and financial verification in accordance with this Agreement and with its specific internal procedures and requirements as set out in the Country's HPMP;
- (b) Assisting the Country in preparation of the Implementation Plans and subsequent reports as per Appendix 4-A;

- (c) Providing verification to the Executive Committee that the Targets have been met and associated annual activities have been completed as indicated in the Implementation Plan consistent with Appendix 4-A;
- (d) Ensuring that the experiences and progress is reflected in updates of the overall plan and in future annual implementation plans consistent with sub-paragraphs 1(c) and 1(d) of Appendix 4-A;
- (e) Fulfilling the reporting requirements for the annual implementation reports, annual implementation plans and the overall plan as specified in Appendix 4-A for submission to the Executive Committee;
- (f) Ensuring that appropriate independent technical experts carry out the technical reviews;
- (g) Carrying out required supervision missions;
- (h) Ensuring the presence of an operating mechanism to allow effective, transparent implementation of the Implementation Plan and accurate data reporting;
- (i) In case of reductions in funding for failure to comply in accordance with paragraph 11 of the Agreement, to determine, in consultation with the Country, the allocation of the reductions to the different budget items and to the funding of each implementing or bilateral agency involved;
- (j) Ensuring that disbursements made to the Country are based on the use of the indicators; and
- (k) Providing assistance with policy, management and technical support when required.

2. After consultation with the Country and taking into account any views expressed, the Lead IA will select and mandate an independent organization to carry out the verification of the HPMP results and the consumption of the Substances mentioned in Appendix 1-A, as per sub-paragraph 5(b) of the Agreement and sub-paragraph 1(b) of Appendix 4-A.

APPENDIX 7-A: REDUCTIONS IN FUNDING FOR FAILURE TO COMPLY

1. In accordance with paragraph 11 of the Agreement, the amount of funding provided may be reduced by US \$180 per ODP kg of consumption beyond the level defined in row 1.2 of Appendix 2-A for each year in which the target specified in row 1.2 of Appendix 2-A has not been met.

Annex XXVI

UPDATED AGREEMENT BETWEEN THE GOVERNMENT OF THE REPUBLIC OF THE UNION OF MYANMAR AND THE EXECUTIVE COMMITTEE OF THE MULTILATERAL FUND FOR THE REDUCTION IN CONSUMPTION OF HYDROCHLOROFLUOROCARBONS

1. This Agreement represents the understanding of the Government of the Republic of the Union of Myanmar (the “Country”) and the Executive Committee with respect to the reduction of controlled use of the ozone-depleting substances (ODS) set out in Appendix 1-A (“The Substances”) to a sustained level of 2.80 ODP tonnes prior to 1 January 2020 in compliance with Montreal Protocol schedules.
2. The Country agrees to meet the annual consumption limits of the Substances as set out in row 1.2 of Appendix 2-A (“The Targets, and Funding”) in this Agreement as well as in the Montreal Protocol reduction schedule for all Substances mentioned in Appendix 1-A. The Country accepts that, by its acceptance of this Agreement and performance by the Executive Committee of its funding obligations described in paragraph 3, it is precluded from applying for or receiving further funding from the Multilateral Fund in respect to any consumption of the Substances that exceeds the level defined in row 1.2 of Appendix 2-A as the final reduction step under this Agreement for all of the Substances specified in Appendix 1-A, and in respect to any consumption of each of the Substances that exceeds the level defined in rows 4.1.3, 4.2.3 and 4.3.3 (remaining eligible consumption).
3. Subject to compliance by the Country with its obligations set out in this Agreement, the Executive Committee agrees, in principle, to provide the funding set out in row 3.1 of Appendix 2-A to the Country. The Executive Committee will, in principle, provide this funding at the Executive Committee meetings specified in Appendix 3-A (“Funding Approval Schedule”).
4. The Country agrees to implement this Agreement in accordance with the HCFC phase-out sector plans submitted. In accordance with sub-paragraph 5(b) of this Agreement, the Country will accept independent verification of the achievement of the annual consumption limits of the Substances as set out in row 1.2 of Appendix 2-A of this Agreement. The aforementioned verification will be commissioned by the relevant bilateral or implementing agency.
5. The Executive Committee will not provide the Funding in accordance with the Funding Approval Schedule unless the Country satisfies the following conditions at least eight weeks in advance of the applicable Executive Committee meeting set out in the Funding Approval Schedule:
 - (a) That the Country had met the Targets set out in row 1.2 of Appendix 2-A for all relevant years. Relevant years are all years since the year in which this Agreement was approved. Years for which no obligation for reporting of country programme data exists at the date of the Executive Committee meeting at which the funding request is being presented are exempted;
 - (b) That the meeting of these Targets has been independently verified, unless the Executive Committee decided that such verification would not be required;
 - (c) That the Country had submitted annual implementation reports in the form of Appendix 4-A (“Format of Implementation Reports and Plans”) covering each previous calendar year; that it had achieved a significant level of implementation of activities initiated with previously approved tranches; and that the rate of disbursement of funding available from the previously approved tranche was more than 20 per cent; and

- (d) That the Country has submitted an annual implementation plan in the form of Appendix 4-A covering each calendar year until and including the year for which the funding schedule foresees the submission of the next tranche or, in case of the final tranche, until completion of all activities foreseen.

6. The Country will ensure that it conducts accurate monitoring of its activities under this Agreement. The institutions set out in Appendix 5-A (“Monitoring Institutions and Roles”) will monitor and report on implementation of the activities in the previous annual implementation plans in accordance with their roles and responsibilities set out in Appendix 5-A. This monitoring will also be subject to independent verification as described in paragraph 4 above.

7. The Executive Committee agrees that the Country may have the flexibility to reallocate the approved funds, or part of the funds, according to the evolving circumstances to achieve the smoothest reduction of consumption and phase-out of the Substances specified in Appendix 1-A:

- (a) Reallocations categorized as major changes must be documented in advance either in an annual implementation plan submitted as foreseen in sub-paragraph 5(d) above, or as a revision to an existing annual implementation plan to be submitted eight weeks prior to any meeting of the Executive Committee, for its approval. Major changes would relate to:
 - (i) Issues potentially concerning the rules and policies of the Multilateral Fund;
 - (ii) Changes which would modify any clause of this Agreement;
 - (iii) Changes in the annual levels of funding allocated to individual bilateral or implementing agencies for the different tranches; and
 - (iv) Provision of funding for programmes or activities not included in the current endorsed annual implementation plan, or removal of an activity in the annual implementation plan, with a cost greater than 30 per cent of the total cost of the last approved tranche;
- (b) Reallocations not categorized as major changes may be incorporated in the approved annual implementation plan, under implementation at the time, and reported to the Executive Committee in the subsequent annual implementation report; and
- (c) Any remaining funds will be returned to the Multilateral Fund upon completion of the last tranche foreseen under this Agreement.

8. Specific attention will be paid to the execution of the activities in the refrigeration servicing sub-sector, in particular:

- (a) The Country would use the flexibility available under this Agreement to address specific needs that might arise during project implementation; and
- (b) The Country and the bilateral and implementing agencies involved will take full account of the requirements of decisions 41/100 and 49/6 during the implementation of the plan.

9. The Country agrees to assume overall responsibility for the management and implementation of this Agreement and of all activities undertaken by it or on its behalf to fulfil the obligations under this Agreement. UNEP has agreed to be the lead implementing agency (the “Lead IA”) and UNIDO has agreed to be the cooperating implementing agency/agencies (the “Cooperating IA”) under the lead of the Lead IA in respect of the Country’s activities under this Agreement. The Country agrees to evaluations, which might

be carried out under the monitoring and evaluation work programmes of the Multilateral Fund or under the evaluation programme of any of the agencies taking part in this Agreement.

10. The Lead IA will be responsible for ensuring co-ordinated planning, implementation and reporting of all activities under this Agreement, including but not limited to independent verification as per sub-paragraph 5(b). This responsibility includes the necessity to co-ordinate with the Cooperating IA to ensure appropriate timing and sequence of activities in the implementation. The Cooperating IA will support the Lead IA by implementing the activities listed in Appendix 6-B under the overall co-ordination of the Lead IA. The Lead IA and Cooperating IA have reached consensus on the arrangements regarding inter-agency planning, reporting and responsibilities under this Agreement to facilitate a co-ordinated implementation of the Plan, including regular co-ordination meetings. The Executive Committee agrees, in principle, to provide the Lead IA and the Cooperating IA with the fees set out in rows 2.2 and 2.4 of Appendix 2-A.

11. Should the Country, for any reason, not meet the Targets for the elimination of the Substances set out in row 1.2 of Appendix 2-A or otherwise does not comply with this Agreement, then the Country agrees that it will not be entitled to the Funding in accordance with the Funding Approval Schedule. At the discretion of the Executive Committee, funding will be reinstated according to a revised Funding Approval Schedule determined by the Executive Committee after the Country has demonstrated that it has satisfied all of its obligations that were due to be met prior to receipt of the next tranche of funding under the Funding Approval Schedule. The Country acknowledges that the Executive Committee may reduce the amount of the Funding by the amount set out in Appendix 7-A (“Reductions in Funding for Failure to Comply”) in respect of each ODP kg of reductions in consumption not achieved in any one year. The Executive Committee will discuss each specific case in which the Country did not comply with this Agreement, and take related decisions. Once these decisions are taken, this specific case will not be an impediment for future tranches as per paragraph 5 above.

12. The Funding of this Agreement will not be modified on the basis of any future Executive Committee decision that may affect the funding of any other consumption sector projects or any other related activities in the Country.

13. The Country will comply with any reasonable request of the Executive Committee, the Lead IA and the Cooperating IA to facilitate implementation of this Agreement. In particular, it will provide the Lead IA and the Cooperating IA with access to the information necessary to verify compliance with this Agreement.

14. The completion of stage I of the HPMP and the associated Agreement will take place at the end of the year following the last year for which a maximum allowable total consumption level has been specified in Appendix 2-A. Should there at that time still be activities that are outstanding, and which were foreseen in the Plan and its subsequent revisions as per sub-paragraph 5(d) and paragraph 7, the completion will be delayed until the end of the year following the implementation of the remaining activities. The reporting requirements as per sub-paragraphs 1(a), 1(b), 1(d), and 1(e) of Appendix 4-A will continue until the time of the completion unless otherwise specified by the Executive Committee.

15. All of the conditions set out in this Agreement are undertaken solely within the context of the Montreal Protocol and as specified in this Agreement. All terms used in this Agreement have the meaning ascribed to them in the Montreal Protocol unless otherwise defined herein.

16. This updated Agreement supersedes the Agreement reached between the Government of the Republic of the Union of Myanmar and the Executive Committee at the 68th meeting of the Executive Committee.

APPENDICES

APPENDIX 1-A: THE SUBSTANCES

Substance	Annex	Group	Starting point for aggregate reductions in consumption (ODP tonnes)
HCFC-22	C	I	4.26
HCFC-141b	C	I	0.04
Sub-total			4.30
HCFC-141b in pre-blended polyols	C	I	1.83
Total			6.13

APPENDIX 2-A: THE TARGETS, AND FUNDING*

		2012	2013	2014	2015	2016	2017	2018	2019	2020	Total
1.1	Montreal Protocol reduction schedule of Annex C, Group I substances (ODP tonnes)	n/a	4.30	4.30	3.87	3.87	3.87	3.87	3.87	2.80	n/a
1.2	Maximum allowable total consumption of Annex C, Group I substances (ODP tonnes)	n/a	4.30	4.30	3.87	3.87	3.87	3.87	3.87	2.80	n/a
2.1	Lead IA - UNEP agreed funding(US \$)	159,000	0	0	0	0	32,000	0	0	29,000	220,000
2.2	Support costs for Lead IA - UNEP (US \$)	20,670	0	0	0	0	4,160	0	0	3,770	28,600
2.3	Cooperating IA - UNIDO agreed funding (US \$)	0	0	0	0	0	60,000	0	0	0	60,000
2.4	Support costs for Cooperating IA - UNIDO (US \$)	0	0	0	0	0	5,400	0	0	0	5,400
3.1	Total agreed funding (US \$)	159,000	0	0	0	0	92,000	0	0	29,000	280,000
3.2	Total support cost (US \$)	20,670	0	0	0	0	9,560	0	0	3,770	34,000
3.3	Total agreed costs (US \$)	179,670	0	0	0	0	101,560	0	0	32,770	314,000
4.1.1	Total phase-out of HCFC-22 agreed to be achieved under this agreement (ODP tonnes)										1.50
4.1.2	Phase-out of HCFC-22 to be achieved in previously approved projects (ODP tonnes)										0
4.1.3	Remaining eligible consumption for HCFC-22 (ODP tonnes)										2.76
4.2.1	Total phase-out of HCFC-141b agreed to be achieved under this agreement (ODP tonnes)										0
4.2.2	Phase-out of HCFC-141b to be achieved in previously approved projects (ODP tonnes)										0
4.2.3	Remaining eligible consumption for HCFC-141b (ODP tonnes)										0.04
4.3.1	Total phase-out of HCFC-141b in pre-blended polyols agreed to be achieved under this agreement (ODP tonnes)										0
4.3.2	Phase-out of HCFC-141b in pre-blended polyols to be achieved in previously approved projects (ODP tonnes)										0
4.3.3	Remaining eligible consumption for HCFC-141b in pre-blended polyols (ODP tonnes)										1.83

* Excludes funding for conversion of HCFC-141b contained in pre-blended polyol

APPENDIX 3-A: FUNDING APPROVAL SCHEDULE

1. Funding for the future tranches will be considered for approval at the second meeting of the year specified in Appendix 2-A.

APPENDIX 4-A: FORMAT OF IMPLEMENTATION REPORTS AND PLANS

1. The submission of the Implementation Report and Plan for each tranche request will consist of five parts:

- (a) A narrative report, with data provided by calendar year, regarding the progress since the year prior to the previous report, reflecting the situation of the Country in regard to phase out of the Substances, how the different activities contribute to it, and how they relate to each other. The report should include ODS phase-out as a direct result from the implementation of activities, by substance, and the alternative technology used and the related phase-in of alternatives, to allow the Secretariat to provide to the Executive Committee information about the resulting change in climate relevant emissions. The report should further highlight successes, experiences, and challenges related to the different activities included in the Plan, reflecting any changes in the circumstances in the Country, and providing other relevant information. The report should also include information on and justification for any changes vis-à-vis the previously submitted Annual Implementation Plan(s), such as delays, uses of the flexibility for reallocation of funds during implementation of a tranche, as provided for in paragraph 7 of this Agreement, or other changes. The narrative report will cover all relevant years specified in sub-paragraph 5(a) of the Agreement and can in addition also include information on activities in the current year;
- (b) A verification report of the HPMP results and the consumption of the Substances mentioned in Appendix 1-A, as per sub-paragraph 5(b) of the Agreement. If not decided otherwise by the Executive Committee, such a verification has to be provided together with each tranche request and will have to provide verification of the consumption for all relevant years as specified in sub-paragraph 5(a) of the Agreement for which a verification report has not yet been acknowledged by the Committee;
- (c) A written description of the activities to be undertaken until and including the year of the planned submission of the next tranche request, highlighting the interdependence of the activities, and taking into account experiences made and progress achieved in the implementation of earlier tranches; the data in the plan will be provided by calendar year. The description should also include a reference to the overall plan and progress achieved, as well as any possible changes to the overall plan that are foreseen. The description should cover the years specified in sub-paragraph 5(d) of the Agreement. The description should also specify and explain in detail such changes to the overall plan. This description of future activities can be submitted as a part of the same document as the narrative report under sub-paragraph (b) above;
- (d) A set of quantitative information for all annual implementation reports and annual implementation plans, submitted through an online database. This quantitative information, to be submitted by calendar year with each tranche request, will be amending the narratives and description for the report (see sub-paragraph 1(a) above) and the plan (see sub-paragraph 1(c) above), the annual implementation plan and any changes to the overall plan, and will cover the same time periods and activities; and

- (e) An Executive Summary of about five paragraphs, summarizing the information of the above sub-paragraphs 1(a) to 1(d).

APPENDIX 5-A: MONITORING INSTITUTIONS AND ROLES

1. Annual consumption of HCFCs and other ODS will be monitored through the Ministry of Environmental Conservation and Forestry (MOECAAF) with collaboration from the Customs Department and the Ministry of Commerce. MOECAAF is responsible for reviewing application before providing endorsement to importer, while the Ministry of Commerce is a licensing authority to issue import license upon endorsement from MOECAAF. The Customs Department will control and monitor the import of ODS at the point of entry.
2. MOECAAF will liaise with importers and retailers of ODS to obtain HCFC consumption data and cross-check with data from the Customs Department. MOECAAF will undertake regular review on list of HCFC customers to enforce the control on sale of HCFCs. MOECAAF will also undertake market survey to gauge the penetration of non-HCFC substitutes and alternative technologies in the refrigeration and air-conditioning (RAC) sector.
3. MOECAAF will monitor the implementation of capacity building activities with relevant agencies e.g. RAC technician training (training centers); enforcement officers training (the Customs Department and the Ministry of Commerce).

APPENDIX 6-A: ROLE OF THE LEAD IMPLEMENTING AGENCY

1. The Lead IA will be responsible for a range of activities, including at least the following:
 - (a) Ensuring performance and financial verification in accordance with this Agreement and with its specific internal procedures and requirements as set out in the Country's HPMP;
 - (b) Assisting the Country in preparation of the Implementation Plans and subsequent reports as per Appendix 4-A;
 - (c) Providing independent verification to the Executive Committee that the Targets have been met and associated annual activities have been completed as indicated in the Implementation Plan consistent with Appendix 4-A;
 - (d) Ensuring that the experiences and progress is reflected in updates of the overall plan and in future annual implementation plans consistent with sub-paragraphs 1(c) and 1(d) of Appendix 4-A;
 - (e) Fulfilling the reporting requirements for the annual implementation reports, annual implementation plans and the overall plan as specified in Appendix 4-A for submission to the Executive Committee. The reporting requirements include the reporting about activities undertaken by the Cooperating IA;
 - (f) Ensuring that appropriate independent technical experts carry out the technical reviews;
 - (g) Carrying out required supervision missions;

- (h) Ensuring the presence of an operating mechanism to allow effective, transparent implementation of the Implementation Plan and accurate data reporting;
- (i) Co-ordinating the activities of the Cooperating IA, and ensuring appropriate sequence of activities;
- (j) In case of reductions in funding for failure to comply in accordance with paragraph 11 of the Agreement, to determine, in consultation with the Country and the Cooperating IA, the allocation of the reductions to the different budget items and to the funding of each implementing or bilateral agency involved;
- (k) Ensuring that disbursements made to the Country are based on the use of the indicators; and
- (l) Providing assistance with policy, management and technical support when required.

2. After consultation with the Country and taking into account any views expressed, the Lead IA will select and mandate an independent entity to carry out the verification of the HPMP results and the consumption of the Substances mentioned in Appendix 1-A, as per sub-paragraph 5(b) of the Agreement and sub-paragraph 1(b) of Appendix 4-A.

APPENDIX 6-B: ROLE OF THE COOPERATING IMPLEMENTING AGENCY

1. The Cooperating IA will be responsible for a range of activities. These activities are specified in the overall plan, including at least the following:

- (a) Providing assistance for policy development when required;
- (b) Assisting the Country in the implementation and assessment of the activities funded by the Cooperating IA, and refer to the Lead IA to ensure a co-ordinated sequence in the activities; and
- (c) Providing reports to the Lead IA on these activities, for inclusion in the consolidated reports as per Appendix 4-A.

APPENDIX 7-A: REDUCTIONS IN FUNDING FOR FAILURE TO COMPLY

1. In accordance with paragraph 11 of the Agreement, the amount of funding provided may be reduced by US \$180 per ODP kg of consumption beyond the level defined in row 1.2 of Appendix 2-A for each year in which the target specified in row 1.2 of Appendix 2-A has not been met.

Annex XXVII

REVISED UPDATED AGREEMENT BETWEEN THE GOVERNMENT OF THAILAND AND THE EXECUTIVE COMMITTEE OF THE MULTILATERAL FUND FOR THE REDUCTION IN CONSUMPTION OF HYDROCHLOROFLUOROCARBONS

1. This Agreement represents the understanding of the Government of Thailand (the “Country”) and the Executive Committee with respect to the reduction of controlled use of the ozone-depleting substances (ODS) set out in Appendix 1-A (“The Substances”) to a sustained level of 788.46 ODP tonnes by 1 January 2018 in compliance with Montreal Protocol schedules.
2. The Country agrees to meet the annual consumption limits of the Substances as set out in row 1.2 of Appendix 2-A (“The Targets, and Funding”) in this Agreement as well as in the Montreal Protocol reduction schedule for all Substances mentioned in Appendix 1-A. The Country accepts that, by its acceptance of this Agreement and performance by the Executive Committee of its funding obligations described in paragraph 3, it is precluded from applying for or receiving further funding from the Multilateral Fund in respect to any consumption of the Substances that exceeds the level defined in row 1.2 of Appendix 2-A as the final reduction step under this Agreement for all of the Substances specified in Appendix 1-A, and in respect to any consumption of each of the Substances that exceeds the level defined in rows 4.1.3, 4.2.3, 4.3.3, 4.4.3, 4.5.3, 4.6.3 and 4.7.3 (remaining eligible consumption).
3. Subject to compliance by the Country with its obligations set out in this Agreement, the Executive Committee agrees, in principle, to provide the funding set out in row 3.1 of Appendix 2-A to the Country. The Executive Committee will, in principle, provide this funding at the Executive Committee meetings specified in Appendix 3-A (“Funding Approval Schedule”).
4. The Country agrees to implement this Agreement in accordance with the HCFC phase-out sector plans submitted. In accordance with sub-paragraph 5(b) of this Agreement, the Country will accept independent verification of the achievement of the annual consumption limits of the Substances as set out in row 1.2 of Appendix 2-A of this Agreement. The aforementioned verification will be commissioned by the lead implementing agency.
5. The Executive Committee will not provide the Funding in accordance with the Funding Approval Schedule unless the Country satisfies the following conditions at least eight weeks in advance of the applicable Executive Committee meeting set out in the Funding Approval Schedule:
 - (a) That the Country had met the Targets set out in row 1.2 of Appendix 2-A for all relevant years. Relevant years are all years since the year in which this Agreement was approved. Years for which no obligation for reporting of country programme data exists at the date of the Executive Committee meeting at which the funding request is being presented are exempted;
 - (b) That the meeting of these Targets has been independently verified, unless the Executive Committee decided that such verification would not be required;
 - (c) That the Country had submitted annual implementation reports in the form of Appendix 4-A (“Format of Implementation Reports and Plans”) covering each previous calendar year; that it had achieved a significant level of implementation of activities initiated with previously approved tranches; and that the rate of disbursement of funding available from the previously approved tranche was more than 20 per cent; and

- (d) That the Country has submitted an annual implementation plan in the form of Appendix 4-A covering each calendar year until and including the year for which the funding schedule foresees the submission of the next tranche or, in case of the final tranche, until completion of all activities foreseen; and
- (e) That, for all submissions from the 68th meeting onwards, confirmation has been received from the Government that an enforceable national system of licensing and quotas for HCFC imports and, where applicable, production and exports is in place and that the system is capable of ensuring the Country's compliance with the Montreal Protocol HCFC phase-out schedule for the duration of this Agreement.

6. The Country will ensure that it conducts accurate monitoring of its activities under this Agreement. The institutions set out in Appendix 5-A (“Monitoring Institutions and Roles”) will monitor and report on implementation of the activities in the previous annual implementation plans in accordance with their roles and responsibilities set out in Appendix 5-A. This monitoring will also be subject to independent verification as described in paragraph 4 above.

7. The Executive Committee agrees that the Country may have the flexibility to reallocate the approved funds, or part of the funds, according to the evolving circumstances to achieve the smoothest reduction of consumption and phase-out of the Substances specified in Appendix 1-A:

- (a) Reallocations categorized as major changes must be documented in advance either in an annual implementation plan submitted as foreseen in sub-paragraph 5(d) above, or as a revision to an existing annual implementation plan to be submitted eight weeks prior to any meeting of the Executive Committee, for its approval. Major changes would relate to:
 - (i) Issues potentially concerning the rules and policies of the Multilateral Fund;
 - (ii) Changes which would modify any clause of this Agreement;
 - (iii) Changes in the annual levels of funding allocated to individual bilateral or implementing agencies for the different tranches; and
 - (iv) Provision of funding for programmes or activities not included in the current endorsed annual implementation plan, or removal of an activity in the annual implementation plan, with a cost greater than 30 per cent of the total cost of the last approved tranche;
- (b) Reallocations not categorized as major changes may be incorporated in the approved annual implementation plan, under implementation at the time, and reported to the Executive Committee in the subsequent annual implementation report; and
- (c) Should the Country decide during implementation of the agreement to introduce an alternative technology other than that proposed in the approved HPMP, this would require approval by the Executive Committee as part of an Annual Implementation Plan or the revision of the approved plan. Any submission of such a request for change in technology would identify the associated incremental costs, the potential impact to the climate, and any differences in ODP tonnes to be phased out if applicable. The Country agrees that potential savings in incremental costs related to the change of technology would decrease the overall funding level under this Agreement accordingly;

- (d) Any enterprise to be converted to non-HCFC technology included in the approved HPMP and that would be found to be ineligible under the guidelines of the Multilateral Fund (i.e., due to foreign ownership or establishment post the 21 September 2007 cut-off date), will not receive assistance. This information would be reported to the Executive Committee as part of the Annual Implementation Plan;
- (e) The Country agrees, in cases where HFC technologies have been chosen as an alternative to HCFC, and taking into account national circumstances related to health and safety: to monitor the availability of substitutes and alternatives that further minimize impacts on the climate; to consider, in the review of regulations and/or standards, inclusion of adequate incentive provisions that encourage introduction of lower GWP alternatives; and to consider the potential for adoption of cost-effective alternatives that minimize the climate impact in the implementation of the HPMP, as appropriate, and inform the Executive Committee on the progress accordingly; and
- (f) Any remaining funds will be returned to the Multilateral Fund upon completion of the last tranche foreseen under this Agreement.

8. Specific attention will be paid to the execution of the activities in the refrigeration servicing sub-sector, in particular:

- (a) The Country would use the flexibility available under this Agreement to address specific needs that might arise during project implementation; and
- (b) The Country and the bilateral and implementing agencies involved will take full account of the requirements of decisions 41/100 and 49/6 during the implementation of the plan.

9. The Country agrees to assume overall responsibility for the management and implementation of this Agreement and of all activities undertaken by it or on its behalf to fulfil the obligations under this Agreement. The World Bank has agreed to be the lead implementing agency (the "Lead IA") and the Government of Japan has agreed to be the cooperating implementing agency (the "Cooperating IA") under the lead of the Lead IA in respect of the Country's activities under this Agreement. The Country agrees to evaluations, which might be carried out under the monitoring and evaluation work programmes of the Multilateral Fund or under the evaluation programme of any of the agencies taking part in this Agreement.

10. The Lead IA will be responsible for ensuring co-ordinated planning, implementation and reporting of all activities under this Agreement, including but not limited to independent verification as per subparagraph 5(b). This responsibility includes the necessity to co-ordinate with the Cooperating IA to ensure appropriate timing and sequence of activities in the implementation. The Cooperating IA will support the Lead IA by implementing the activities listed in Appendix 6-B under the overall co-ordination of the Lead IA. The Lead IA and Cooperating IA have reached consensus on the arrangements regarding inter-agency planning, reporting and responsibilities under this Agreement to facilitate a co-ordinated implementation of the Plan, including regular co-ordination meetings. The Executive Committee agrees, in principle, to provide the Lead IA and the Cooperating IA with the fees set out in rows 2.2 and 2.4 of Appendix 2-A.

11. Should the Country, for any reason, not meet the Targets for the elimination of the Substances set out in row 1.2 of Appendix 2-A or otherwise does not comply with this Agreement, then the Country agrees that it will not be entitled to the Funding in accordance with the Funding Approval Schedule. At the discretion of the Executive Committee, funding will be reinstated according to a revised Funding Approval Schedule determined by the Executive Committee after the Country has demonstrated that it has satisfied all of its obligations that were due to be met prior to receipt of the next tranche of funding under the Funding Approval Schedule. The Country acknowledges that the Executive Committee may reduce the amount of

the Funding by the amount set out in Appendix 7-A (“Reductions in Funding for Failure to Comply”) in respect of each ODP kg of reductions in consumption not achieved in any one year. The Executive Committee will discuss each specific case in which the Country did not comply with this Agreement, and take related decisions. Once these decisions are taken, this specific case will not be an impediment for future tranches as per paragraph 5 above.

12. The Funding of this Agreement will not be modified on the basis of any future Executive Committee decision that may affect the funding of any other consumption sector projects or any other related activities in the Country.

13. The Country will comply with any reasonable request of the Executive Committee, the Lead IA and the Cooperating IA to facilitate implementation of this Agreement. In particular, it will provide the Lead IA and the Cooperating IA with access to the information necessary to verify compliance with this Agreement.

14. The completion of stage I of the HPMP and the associated Agreement will take place at the end of the year following the last year for which a maximum allowable total consumption level has been specified in Appendix 2-A. Should there at that time still be activities that are outstanding, and which were foreseen in the Plan and its subsequent revisions as per sub-paragraph 5(d) and paragraph 7, the completion will be delayed until the end of the year following the implementation of the remaining activities. The reporting requirements as per sub-paragraphs 1(a), 1(b), 1(d), and 1(e) of Appendix 4-A will continue until the time of the completion unless otherwise specified by the Executive Committee.

15. All of the conditions set out in this Agreement are undertaken solely within the context of the Montreal Protocol and as specified in this Agreement. All terms used in this Agreement have the meaning ascribed to them in the Montreal Protocol unless otherwise defined herein.

16. This revised updated Agreement supersedes the updated Agreement reached between the Government of Thailand and the Executive Committee at the 77th meeting of the Executive Committee.

APPENDICES

APPENDIX 1-A: THE SUBSTANCES

Substance	Annex	Group	Starting point for aggregate reductions in consumption (ODP tonnes)
HCFC-22	C	I	716.57
HCFC-123	C	I	3.20
HCFC-124	C	I	0.08
HCFC-141b	C	I	205.25
HCFC-142b	C	I	0.12
HCFC-225, 225ca and 225cb	C	I	2.30
Sub-total			927.52*
HCFC-141b in imported pre-blended polyols	C	I	15.68
Total			943.20

*Lower than Article 7 baseline because of rounding of Article 7 data to one decimal.

APPENDIX 2-A: THE TARGETS, AND FUNDING

Row	Particulars	2012	2013	2014	2015	2016	2017	2018	Total
1.1	Montreal Protocol reduction schedule of Annex C, Group I substances (ODP tonnes)	n/a	927.6	927.6	834.84	834.84	834.84	834.84	n/a
1.2	Maximum allowable total consumption of Annex C, Group I substances (ODP tonnes)	n/a	927.6	927.6	834.84	834.84	834.84	788.46	n/a
2.1	Lead IA (World Bank) agreed funding (US \$)	4,817,166	9,706,154	618,803	2,663,542	0	0	0	17,805,665
2.2	Support costs for Lead IA (US \$)	337,202	679,431	43,316	186,448	0	0	0	1,246,397
2.3	Cooperating IA (Japan) agreed funding (US \$)	302,965	0	0	0	0	0	0	302,965
2.4	Support costs for Cooperating IA (US \$)	39,385	0	0	0	0	0	0	39,385
3.1	Total agreed funding (US \$)	5,120,131	9,706,154	618,803	2,663,542	0	0	0	18,108,630
3.2	Total support costs (US \$)	376,587	679,431	43,316	186,448	0	0	0	1,285,782
3.3	Total agreed costs (US \$)	5,496,718	10,385,585	662,119	2,849,990	0	0	0	19,394,412
4.1.1	Total phase-out of HCFC-22 agreed to be achieved under this Agreement (ODP tonnes)								67.86
4.1.2	Phase-out of HCFC-22 to be achieved in previously approved projects (ODP tonnes)								0
4.1.3	Remaining eligible consumption for HCFC-22 (ODP tonnes)								648.74
4.2.1	Total phase-out of HCFC-123 agreed to be achieved under this Agreement (ODP tonnes)								0.00
4.2.2	Phase-out of HCFC-123 to be achieved in previously approved projects (ODP tonnes)								0.00
4.2.3	Remaining eligible consumption for HCFC-123 (ODP tonnes)								3.20
4.3.1	Total phase-out of HCFC-124 agreed to be achieved under this Agreement (ODP tonnes)								0.00
4.3.2	Phase-out of HCFC-124 to be achieved in previously approved projects (ODP tonnes)								0.00
4.3.3	Remaining eligible consumption for HCFC-124 (ODP tonnes)								0.08
4.4.1	Total phase-out of HCFC-141b agreed to be achieved under this Agreement (ODP tonnes)								151.68
4.4.2	Phase-out of HCFC-141b to be achieved in previously approved projects (ODP tonnes)								0.00
4.4.3	Remaining eligible consumption for HCFC-141b (ODP tonnes)								53.57
4.5.1	Total phase-out of HCFC-142b agreed to be achieved under this Agreement (ODP tonnes)								0.00
4.5.2	Phase-out of HCFC-142b to be achieved in previously approved projects (ODP tonnes)								0.00
4.5.3	Remaining eligible consumption for HCFC-142b (ODP tonnes)								0.12
4.6.1	Total phase-out of HCFC-225, 225ca and 225cb agreed to be achieved under this Agreement (ODP tonnes)								0.00
4.6.2	Phase-out of HCFC-225, 225ca and 225cb to be achieved in previously approved projects (ODP tonnes)								0.00
4.6.3	Remaining eligible consumption for HCFC-225, 225ca and 225cb (ODP tonnes)								2.30
4.7.1	Total phase-out of HCFC-141b contained in imported pre-blended polyols agreed to be achieved under this Agreement (ODP tonnes)								15.19
4.7.2	Phase-out of HCFC-141b contained in imported pre-blended polyols to be achieved in previously approved projects (ODP tonnes)								0.00
4.7.3	Remaining eligible consumption for HCFC-141b contained in imported pre-blended polyols (ODP tonnes)								0.49

APPENDIX 3-A: FUNDING APPROVAL SCHEDULE

1. Funding for the future tranches will be considered for approval at the last meeting of the year specified in Appendix 2-A.

APPENDIX 4-A: FORMAT OF IMPLEMENTATION REPORTS AND PLANS

1. The submission of the Implementation Report and Plan for each tranche request will consist of five parts:

- (a) A narrative report, with data provided by calendar year, regarding the progress since the year prior to the previous report, reflecting the situation of the Country in regard to phase out of the Substances, how the different activities contribute to it, and how they relate to each other. The report should include ODS phase-out as a direct result from the implementation of activities, by substance, and the alternative technology used and the related phase-in of alternatives, to allow the Secretariat to provide to the Executive Committee information about the resulting change in climate relevant emissions. The report should further highlight successes, experiences, and challenges related to the different activities included in the Plan, reflecting any changes in the circumstances in the Country, and providing other relevant information. The report should also include information on and justification for any changes vis-à-vis the previously submitted Annual Implementation Plan(s), such as delays, uses of the flexibility for reallocation of funds during implementation of a tranche, as provided for in paragraph 7 of this Agreement, or other changes. The narrative report will cover all relevant years specified in sub-paragraph 5(a) of the Agreement and can in addition also include information on activities in the current year;
- (b) A verification report of the HPMP results and the consumption of the Substances mentioned in Appendix 1-A, as per sub-paragraph 5(b) of the Agreement. If not decided otherwise by the Executive Committee, such a verification has to be provided together with each tranche request and will have to provide verification of the consumption for all relevant years as specified in sub-paragraph 5(a) of the Agreement for which a verification report has not yet been acknowledged by the Committee;
- (c) A written description of the activities to be undertaken until and including the year of the planned submission of the next tranche request, highlighting the interdependence of the activities, and taking into account experiences made and progress achieved in the implementation of earlier tranches; the data in the plan will be provided by calendar year. The description should also include a reference to the overall plan and progress achieved, as well as any possible changes to the overall plan that are foreseen. The description should cover the years specified in sub-paragraph 5(d) of the Agreement. The description should also specify and explain in detail such changes to the overall plan. This description of future activities can be submitted as a part of the same document as the narrative report under sub-paragraph (b) above;
- (d) A set of quantitative information for all annual implementation reports and annual implementation plans, submitted through an online database. This quantitative information, to be submitted by calendar year with each tranche request, will be amending the narratives and description for the report (see sub-paragraph 1(a) above) and the plan (see sub-paragraph 1(c) above), the annual implementation plan and any changes to the overall plan, and will cover the same time periods and activities; and
- (e) An Executive Summary of about five paragraphs, summarizing the information of the above sub-paragraphs 1(a) to 1(d).

APPENDIX 5-A: MONITORING INSTITUTIONS AND ROLES

1. The National Ozone Unit (NOU) of the Department of Industrial Works (DIW) is responsible for managing and co-ordinating Thailand's overall ODS phase-out programme, including all phase-out activities and measures controlling Annex C, Group I substances (HCFCs). The management and implementation of this Agreement will be undertaken by the HPMP Project Management Unit (PMU).
2. The HPMP PMU and the NOU will collaborate and co-ordinate with the Hazardous Substances Control Bureau and the Customs Department to institute and implement the import/control system for HCFCs; review annual HCFC import/export license applications to ensure that the list of end-users are provided by importers/exporters; and establish and publish the annual import quotas for HCFCs for the period 2012 through 2016.
3. In order to monitor and evaluate the progress of implementation, the PMU will assist the NOU to:
 - (a) Develop a management information system that captures and tracks all relevant and required data on the import of Annex C, Group I substances (HCFCs) on an annual basis;
 - (b) Update the data on the actual amount of imported HCFCs in cooperation with the Hazardous Substances Control Bureau and the Customs Department on a quarterly basis;
 - (c) Monitor and report any incidents of illegal import of HCFCs;
 - (d) Monitor progress of HCFC phase-out on the demand side by direct oversight of sub-project implementation;
 - (e) Compile periodic progress reports of HPMP implementation and HCFC phase-out achievements for sharing with the DIW, the Customs Department, and the Ministry of Industry and its local bureaus; and
 - (f) Prepare Tranche Implementation Reports and Plans according to the schedule set forth in Appendix 2-A.
4. The DIW will be responsible for reviewing PMU reports and data and instituting control and policy measures which facilitate HCFC control and reductions according to the Agreement.

APPENDIX 6-A: ROLE OF THE LEAD IMPLEMENTING AGENCY

1. The Lead IA will be responsible for a range of activities, including at least the following:
 - (a) Ensuring performance and financial verification in accordance with this Agreement and with its specific internal procedures and requirements as set out in the Country's HPMP;
 - (b) Assisting the Country in preparation of the Implementation Plans and subsequent reports as per Appendix 4-A;
 - (c) Providing independent verification to the Executive Committee that the Targets have been met and associated annual activities have been completed as indicated in the Implementation Plan consistent with Appendix 4-A;

- (d) Ensuring that the experiences and progress is reflected in updates of the overall plan and in future annual implementation plans consistent with sub-paragraphs 1(c) and 1(d) of Appendix 4-A;
- (e) Fulfilling the reporting requirements for the annual implementation reports, annual implementation plans and the overall plan as specified in Appendix 4-A for submission to the Executive Committee. The reporting requirements include the reporting about activities undertaken by the Cooperating IA;
- (f) Ensuring that appropriate independent technical experts carry out the technical reviews;
- (g) Carrying out required supervision missions;
- (h) Ensuring the presence of an operating mechanism to allow effective, transparent implementation of the Implementation Plan and accurate data reporting;
- (i) Co-ordinating the activities of the Cooperating IA, and ensuring appropriate sequence of activities;
- (j) In case of reductions in funding for failure to comply in accordance with paragraph 11 of the Agreement, to determine, in consultation with the Country and the Cooperating IA, the allocation of the reductions to the different budget items and to the funding of each implementing or bilateral agency involved;
- (k) Ensuring that disbursements made to the Country are based on the use of the indicators; and
- (l) Providing assistance with policy, management and technical support when required.

2. After consultation with the Country and taking into account any views expressed, the Lead IA will select and mandate an independent entity to carry out the verification of the HPMP results and the consumption of the Substances mentioned in Appendix 1-A, as per sub-paragraph 5(b) of the Agreement and sub-paragraph 1(b) of Appendix 4-A.

APPENDIX 6-B: ROLE OF THE COOPERATING IMPLEMENTING AGENCY

1. The Cooperating IA will be responsible for a range of activities. These activities are specified in the overall plan, including at least the following:

- (a) Providing assistance for policy development when required;
- (b) Assisting the Country in the implementation and assessment of the activities funded by the Cooperating IA, and refer to the Lead IA to ensure a co-ordinated sequence in the activities; and
- (c) Providing reports to the Lead IA on these activities, for inclusion in the consolidated reports as per Appendix 4-A.

APPENDIX 7-A: REDUCTIONS IN FUNDING FOR FAILURE TO COMPLY

1. In accordance with paragraph 11 of the Agreement, the amount of funding provided may be reduced by US \$196 per ODP kg of consumption beyond the level defined in row 1.2 of Appendix 2-A for each year in which the target specified in row 1.2 of Appendix 2-A has not been met.

Annex XXVIII

DRAFT TEMPLATE OF THE COST GUIDELINES FOR THE PHASE-DOWN OF HFCs (As agreed at the 80th meeting)

Background

1. The present annex contains the draft cost guidelines for the phase-down of HFCs based on the relevant elements of decision XXVIII/2 agreed by the Parties at their Twenty-eight Meeting. These draft cost guidelines contain elements agreed at the 78th and 80th meetings and will be updated pursuant to further discussions at the 81st and future meetings of the Executive Committee.

Draft guidelines

Flexibility in implementation that enables parties to select their own strategies and priorities in sectors and technologies

2. Article 5 countries will have flexibility to prioritize HFCs, define sectors, select technologies and alternatives and elaborate and implement their strategies to meet agreed HFC obligations, based on their specific needs and national circumstances, following a country-driven approach.

Cut-off date for eligible capacity

3. The cut-off date for eligible capacity is 1 January 2020 for those parties with baseline years from 2020 to 2022 and 1 January 2024 for those parties with baseline years from 2024 to 2026.

Second and third conversions

4. To apply the following principles for second and third conversion projects:

- (a) First conversions, in the context of a phase-down of HFCs, are defined as conversions to low-GWP or zero-GWP alternatives of enterprises that have never received any direct or indirect support, in part or in full, from the Multilateral Fund, including enterprises that converted to HFCs with their own resources;
- (b) Enterprises that have already converted to HFCs in phasing out CFCs and/or HCFCs will be eligible to receive funding from the Multilateral Fund to meet agreed incremental costs in the same manner as enterprises eligible for first conversions;
- (c) Enterprises that convert from HCFCs to high-GWP HFCs, after the date of adoption of the Amendment, under HPMPs already approved by the Executive Committee will be eligible to receive funding from the Multilateral Fund for a subsequent conversion to low-GWP or zero-GWP alternatives to meet agreed incremental costs in the same manner as enterprises eligible for first conversions;
- (d) Enterprises that convert from HCFCs to high-GWP HFCs with their own resources before 2025 under the Amendment will be eligible to receive funding from the Multilateral Fund to meet agreed incremental costs in the same manner as enterprises eligible for first conversions; and
- (e) Enterprises that convert from HFCs to lower-GWP HFCs with Multilateral Fund support when no other alternatives are available will be eligible to receive funding from the

Multilateral Fund for a subsequent conversion to low-GWP or zero-GWP alternatives if necessary to meet the final HFC phase-down step.

Sustained aggregate reductions

5. The remaining eligible consumption for funding in tonnage will be determined on the basis of the starting point of national aggregate consumption less the amount funded by previously approved projects in future multi-year agreement templates for HFC phase-down plans.

Eligible incremental cost

Consumption manufacturing sector

6. To make the following categories of costs eligible and to include them in the cost calculation associated with the phase-down of HFCs in the consumption manufacturing sector:

- (a) Incremental capital costs (ICCs);
- (b) Incremental operating costs (IOCs) for a duration to be determined by the Executive Committee;
- (c) Technical assistance activities;
- (d) Research and development, when required to adapt and optimize alternatives to HFCs with low or zero global-warming potential;
- (e) Costs of patents and designs, and incremental costs of royalties, when necessary and cost-effective;
- (f) Costs of the safe introduction of flammable and toxic alternatives.

Production sector

7. To make the following categories of costs eligible and to include them in the cost calculation associated with the phase-down of HFCs in the production sector

- (a) Lost profit due to the shutdown/closure of production facilities, as well as production reduction;
- (b) Compensation for displaced workers;
- (c) Dismantling of production facilities;
- (d) Technical assistance activities;
- (e) Research and development related to the production of low-GWP or zero-GWP alternatives to HFCs with a view to lowering the costs of alternatives;
- (f) Costs of patents and designs or incremental costs of royalties;
- (g) Costs of converting facilities to produce low-GWP or zero-GWP alternatives to HFCs when technically feasible and cost-effective;

- (h) Costs of reducing emissions of HFC-23, a by-product from the production process of HCFC-22, by reducing its emission rate in the process, destroying it from the off-gas, or by collecting and converting it to other environmentally safe chemicals; such costs should be funded by the Multilateral Fund to meet the obligations of Article 5 Parties specified under the Amendment.

Refrigeration servicing sector

8. To make the following categories of costs eligible and to include them in the cost calculation associated with the phase-down of HFCs in the refrigeration servicing sector:

- (a) Public-awareness activities;
- (b) Policy development and implementation;
- (c) Certification programmes and training of technicians on safe handling, good practice and safety in respect of alternatives, including training equipment;
- (d) Training of customs officers;
- (e) Prevention of illegal trade of HFCs;
- (f) Servicing tools;
- (g) Refrigerant testing equipment for the refrigeration and air-conditioning sector;
- (h) Recycling and recovery of HFCs.

Energy efficiency

Capacity building to address safety

Disposal

Eligibility of Annex F substances subject to high ambient temperature exemptions

9. That amounts of Annex F substances that are subject to the high-ambient-temperature exemption are not eligible for funding under the Multilateral Fund while they are exempted for that party.

Annex XXIX

OUTSTANDING ISSUES FOR FURTHER DISCUSSION BY THE EXECUTIVE COMMITTEE ON THE COST GUIDELINES FOR THE PHASE-DOWN OF HFCs

I. In relation to the cost guidelines

Sustained aggregate reductions

- (a) To use the following methodology [to be proposed by the Executive Committee] for determining the starting point for sustained aggregate reduction in HFC consumption and production, noting that the starting point should be expressed in [[CO₂ equivalents] and/or [metric tonnes]]
- (b) [add text for production]

Eligible incremental cost

Refrigeration servicing sector

- (c) [Consideration of paragraph 16 of decision XXVIII/2.]

Energy efficiency

- (d) [To continue discussing how it wishes to develop cost guidance associated with maintaining and/or enhancing the energy efficiency of low-GWP or zero-GWP replacement technologies and equipment, when phasing down HFCs, after reviewing additional relevant information, including the information provided by the TEAP in its assessment of energy efficiency at the 40th OEWG;]

Capacity building to address safety

- (e) [To note that capacity-building to address safety is being addressed in the context of the consumption manufacturing and the refrigeration servicing sectors;]

Disposal

- (f) [To consider whether to further discuss matters related to disposal at a future meeting.]

II. Additional work to be requested to the Secretariat as contained in paragraph 46 of document UNEP/OzL.Pro/ExCom/80/55

In relation to the consumption manufacturing sector

- (a) [The Executive Committee decided to consider at a future meeting to request the Secretariat to undertake additional work, including to determine cost-effectiveness thresholds and thresholds for IOCs for HFC-phase-down activities in the consumption manufacturing sector once progress in the implementation of HFC investment projects has been made;]

In relation to energy efficiency

- (b) [To request the Secretariat to contract an independent consultant to:
 - (i) Prepare, for the [82nd meeting], a document on issues associated with maintaining and/or enhancing the energy efficiency of low-GWP or zero-GWP replacement technologies and equipment when phasing down HFCs, including:
 - a. Incremental costs for maintaining and/or enhancing energy efficiency in the manufacturing and servicing of refrigeration and air-conditioning equipment, including in situ manufacturing;
 - b. Pay-back periods and economic benefits associated with energy-efficiency improvements in the refrigeration and air-conditioning sector;
 - c. Possible modalities for funding, including operational modalities for co-funding with other institutions at the national and global level, in order to maintain and/or enhance energy efficiency and address associated challenges in the refrigeration and air-conditioning sector;
 - d. Requirements for establishing minimum energy-efficiency standards, including the testing and verification of energy efficiency in equipment;
 - e. The institutional and regulatory framework needed in Article 5 countries to support and monitor improvements in energy efficiency, including in the refrigeration and air-conditioning servicing sector;
 - (ii) Consider, when preparing the document, appropriate standards and directives, such as the four European Union directives for reducing greenhouse gas emissions in Europe on Energy Efficiency, Ecodesign, Energy Performance of Buildings and Industrial Emissions, to determine the best available technologies;
- (c) To allocate US \$XXX for the preparation of the study; and]
- (d) To consider the Conference Room Paper submitted by the Government of Austria to the 80th meeting (Appendix to the present Annex).

III. Other general matters related to HFC phase-down as contained in paragraph 43 of document UNEP/OzL.Pro/ExCom/80/55)

- (a) To agree on the following prerequisites for an Article 5 country to access Multilateral Fund funding other than for enabling activities for the phase-down of HFC consumption and production:
 - (i) Ratification, acceptance, or accession to the Kigali Amendment;
 - (ii) Establishment of an agreed starting point for a sustained aggregate reduction in HFC consumption and production, on the understanding that any phase-down of HFCs

resulting from any project that might be approved by the Executive Committee would be deducted from the country's starting point;

- (b) [To agree that institutions and capacities in Article 5 countries developed with Multilateral Fund assistance for the phase-out of ODS should be used to the extent possible for the phase-down of HFCs];
- (c) [To agree that the existing policies and guidelines of the Multilateral Fund [where applicable] for funding the phase-out of ODS would be applicable to the funding of HFC phase-down [unless decided otherwise][as long as agreed upon] by the Executive Committee [taking into account in particular decision XXVIII/2];]

Appendix

**TEXT FOR DISCUSSION RELATED TO THE DEVELOPMENT OF THE COST GUIDELINES
FOR THE PHASE-DOWN OF HFCS IN ARTICLE 5 COUNTRIES:
DRAFT CRITERIA FOR FUNDING
(DECISIONS 78/3(i) AND 79/44(b))
(A Conference Room Paper submitted by the Government of Austria)**

Energy Efficiency

1. The Executive Committee may wish to consider the following elements when requesting the Secretariat to do additional work on energy efficiency as proposed by the Government of Austria based on the summary document prepared by the Chair at the 78th meeting.

- (a) Prepare, for the [81st meeting], a document on issues associated with maintaining and/or enhancing the energy efficiency of low-GWP or zero-GWP replacement technologies and equipment when phasing down HFCs, including:
 - (i) Inventory of energy efficiency activities already undertaken and /or funded by GEF and GCF and implementing agencies, in the refrigeration, heat-pump, and air-conditioning and production sectors; including typical level of funding, co-financing committed Pay-back periods and economic benefits associated with energy-efficiency and estimate or range of cost effectiveness;
 - (ii) Cost guidance, methodologies, processes, monitoring, verification associated with energy efficiency interventions of other institutions, especially GEF and GCF;
 - (iii) Identification of costs for maintaining and/or enhancing energy efficiency in the manufacturing and servicing of refrigeration and air-conditioning equipment, including in situ manufacturing;
 - (iv) Possible modalities for funding, including operational modalities for co-funding and/or cooperation/coordination with other institutions at the national and global level, in order to maintain and/or enhance energy efficiency and address associated challenges and address associated challenges in the production sector and the refrigeration and air-conditioning sectors;
 - (v) Examples of minimum energy-efficiency standards and labelling, including the Requirements for establishing them and ensuring the testing and verification of energy efficiency in equipment;
 - (vi) The institutional and regulatory framework needed in Article 5 countries to support and monitor improvements in energy efficiency, including in the refrigeration and air-conditioning servicing sector; and
- (b) To consider, when preparing the document, appropriate standards, such as LEED and BREEAM, and directives, such as the four European Union directives for reducing greenhouse gas emissions in Europe on Energy Efficiency, Eco-design, Energy Performance of Buildings and Industrial Emissions, to determine the best available technologies.