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EXECUTIVE COMMITTEE OF
THE MULTILATERAL FUND FOR THE
IMPLEMENTATION OF THE MONTREAL PROTOCOL
Eighty-second Meeting
Montreal, 3-7 December 2018

OVERVIEW OF ISSUES IDENTIFIED DURING PROJECT REVIEW

1. This document consists of the following sections:
 - (a) An overview of projects and activities submitted by bilateral and implementing agencies;
 - (b) Issues identified during the project review process:
 - (i) Extension of dates of completion of projects;
 - (ii) Years to be included in verifications of HCFC consumption in low-volume consuming (LVCs) countries under HCFC phase-out management plans (HPMPs);
 - (iii) Proposals for HFC-23 by-product demonstration projects;
 - (c) HFC-related projects for funding under additional contributions to the Multilateral Fund:
 - (i) Funding requests for enabling activities;
 - (ii) Funding requests for fully developed stand-alone HFC investment projects;
 - (d) Project and activities submitted for blanket approval; and
 - (e) Investment projects for individual consideration.

Projects and activities submitted by bilateral and implementing agencies

2. Bilateral and implementing agencies submitted 169 funding requests for tranches of approved multi-year agreements, projects and activities amounting to US \$106,937,768 (US \$110,660,439 including

amount requested in principle), including agency support costs, where applicable. The funding requests covered:

- (a) Stage II of the HPMP for two non-LVC countries;
- (b) Tranches of approved HPMPs for 23 countries;
- (c) Renewals of institutional strengthening (IS) projects in 32 countries;
- (d) Preparation for stage II of HPMPs for 35 countries and for stage III for four countries;
- (e) Verification report on the implementation of HPMPs for 28 countries; and
- (f) UNEP's Compliance Assistance Programme and core unit costs for UNDP, UNIDO and the World Bank.

3. Following the project review process, 124 projects and activities totalling US \$11,706,735, including agency support costs, are recommended for blanket approval, and 27 projects and activities totalling US \$82,890,421, of which US \$31,395,787 is for the third tranche of stage II of the HPMP for China, are being forwarded for individual consideration. Together, the projects for blanket approval and those for individual consideration amount to US \$94,597,156.

4. In addition, 18 HFC-related projects and activities totalling US \$4,120,570, including agency support costs, are being forwarded to the 82nd meeting following the project review process. These activities include funding for enabling activities in 11 countries (amounting to US \$1,637,100 recommended for blanket approval), fully-developed stand-alone HFC investment projects in five countries. HFC-related projects and activities are discussed separately, as part of their funding will be from the additional contributions to the Multilateral Fund by a group of non-A5 countries.

Project proposals submitted and subsequently withdrawn

5. The request for funding for the third and final tranche of stage I of the HPMP for Morocco was withdrawn by UNIDO for submission to a future meeting due to a number of factors: change, without revision of the Agreement, to the HCFC consumption baseline of 51.35 ODP tonnes from 59.67 ODP tonnes at the time of the approval of stage I of the HPMP; redundancy of an activity to phase out 1.1 ODP tonnes (10 mt) of HCFC-141b used for flushing equipment of refrigeration circuits at the national railways at a time when the Government has since 2014 reported zero HCFC-141b consumption annually; and only 11.5 per cent disbursement of the second tranche for an overall disbursement of 23 per cent of the two tranches so far approved.

6. The request for funding for the fourth tranche of stage I of the HPMP for Sierra Leone was withdrawn by UNEP for submission to a future meeting due to a low level of fund disbursement.

7. UNDP submitted requests for the preparation of stage III of HPMPs for four countries (Dominican Republic, Nigeria, Panama, and Uruguay) as part of their work programme amendments. The request for Nigeria was also submitted by UNIDO as part of its work programme amendments, as cooperating agency. After initial review of these requests, both agencies were requested to withdraw these requests, as during the consideration of the consolidated 2018-2020 business plan of the Multilateral Fund at its 80th meeting, the Executive Committee decided to remove all activities related to stage III of HPMPs¹. Further, this issue

¹ Decision 80/34(c)(iii)a.

is also being considered as part of agenda item 8(c), Consolidated business plan of the Multilateral Fund for 2019-2021.²

8. UNEP included a request for enabling activities for the Democratic People's Republic of Korea in its work programme amendments, which the Secretariat has also requested it to be removed in line with decision 80/34(c)(iii)b.

9. The World Bank has included a request for project preparation of a technology demonstration project for HFC-23 by-product conversion for India in their work programme submission. The Secretariat subsequently requested that this be removed from the work programme due to the lack of an endorsement letter from the Government concerned, which was not consistent with procedure for project submissions.

10. A request for funding for a demonstration project on accelerating energy efficiency as a co-benefit from HFC phase-down in a domestic refrigerator manufacturing enterprise in the Islamic Republic of Iran was withdrawn by UNIDO for submission to a future meeting before entering into in-depth discussions with the Secretariat.

IS renewal requests

11. The Secretariat reviewed the terminal reports and requests for extension of IS funding for 32 countries against relevant decisions including decision 74/51(c) on the funding level for IS projects, and decision 74/51(e) on the requirement to include specific performance indicators for planned activities.³ All requests were cross-checked against: previous IS reports; progress reports on the implementation of country programmes (CP); data reported under Article 7 of the Montreal Protocol; the latest reports on implementation of HPMPs; bilateral and implementing agencies' progress reports submitted to the 82nd meeting; and relevant decisions on compliance adopted by the Parties to the Montreal Protocol. All countries had 2017 country programme implementation data as at issuance of the present document. Thirty countries reported on specific performance indicators as part of the progress report for the previous IS phase. In this regard, all 30 countries achieved all, or the majority of the targets set. The Secretariat recommended all IS projects submitted to the 82nd meeting for blanket approval.

Funding withheld pending submission of verification reports or meeting specific conditions

12. At the 81st meeting, funding for tranches of the HPMPs for Colombia and Indonesia were withheld pending submission of the relevant verification reports. Subsequent to the meeting, the Secretariat received satisfactory verification reports from both countries, resulting in the disbursement of funds by the Treasurer to the relevant implementing agencies. In the course of reviewing the verification report for Colombia, it was noted that the Government of Colombia considers the use of imported (bulk) HCFC-141b for the manufacture of pre-blended polyols as domestic consumption, irrespective of whether the pre-blended polyols are used in the country or exported. However, the quota for HCFC-141b contained in exported pre-blended polyols can be restituted to an enterprise, which could create a loophole related to the control of HCFC-141b. The Government is exploring measures to address this possible, minor loophole in the future.

² UNEP/OzL.Pro/ExCom/82/25

³ Two countries requested a 28 per cent increase in accordance with decision 74/51(c) and included performance indicators in their corresponding action plan for the requested phase: Oman and Uganda. The two countries did not have performance indicators for the previous phase, which was approved prior to the 75th meeting.

Summary of prices of the controlled substances and alternatives

13. In line with decision 79/4(c),⁴ the Secretariat is presenting a summary of the prices of the controlled substances and the alternatives to be phased in for the new stage II of HPMPs submitted to the 82nd meeting. Out of the two stage II of HPMPs submitted, only Thailand included an investment project in the polyurethane (PU) spray foam sector. The calculations provided by the World Bank on Thailand indicated that the enterprises in the PU spray foam sector obtain a price of US \$4.15 per kg of HCFC-141b, which is consistent with the price of HCFC-141b given in the CP data (US \$4.15 per kg). The World Bank also informed the Secretariat that import price of HCFC-141b is US \$3.03 per kg, and the price of HFO is US \$12 to US \$14 per kg, based on the prices presented in the Ozone Operations Resource Group (OORG) meeting.

Issues identified during project review

Extension of date of completion of projects

14. At the 80th and 81st meetings, the Executive Committee had approved the extension of the stage I of the HPMPs for Bahrain, India, Malaysia and Nigeria; the stage I and stage II of Brazil; the stage I of the HPPMP for China; eleven low-GWP demonstration projects and three feasibility studies for district cooling; and a chiller project. It also allowed for an extension for enabling activities, following a recommendation by the Secretariat after a review of a request for extension.

15. At the 82nd meeting, the Secretariat received requests for extending the project completion dates for four multi-year projects (i.e., stage I of the HPMPs for Bangladesh, China (industrial and commercial refrigeration and PU foam sectors), Indonesia, Jordan, and Qatar); two low-GWP demonstration projects (i.e., the Argentina component of a global project and the global project in Eastern Africa and the Caribbean). It also received extension requests for the methyl bromide production, process agent II and the halon sector plans in China.

16. During the review of the projects submitted to the 82nd meeting, it was noted that the reasons given to justify the extension varied by project, including: delays in implementation; delays in the commercial availability of low-GWP alternatives; challenges in the uptake of a technology in the market; and delays in signing relevant agreements. Notwithstanding implementation delays, the above-mentioned Article 5 countries have recorded consumption and, where relevant, production that was below their respective compliance targets.

17. The Secretariat further noted that:

- (a) Implementing agencies appeared to have continued implementation beyond the approved completion date without a request for extension (i.e., HPMPs in Jordan and Qatar, and a low-GWP demonstration project in Saudi Arabia);⁵
- (b) In the case of requests related to stage I of the HPMPs, the overlap with implementation of stage II was a concern, highlighting the need to ensure separate reporting and financial

⁴ The Secretariat was requested to include in this document a summary of the prices of the controlled substances and the alternatives to be phased in, as communicated by enterprises requesting funding in any new project proposal, including clarification of any differences between those and the prices reported in the CP data report.

⁵ This issue was discussed in the consolidated progress report submitted to the 82nd meeting (UNEP/OzL.Pro/ExCom/82/14).

management for each stage, as well as to consider minimizing overlapping activities between similar projects (e.g., CFC PU foam sector and stage I PU foam sector plan); and

- (c) Delays in the completion of low-GWP demonstration projects (approved with specific implementation periods) engendered potential delays in other, related activities.

Recommendation

18. The Executive Committee may wish to consider requesting bilateral and implementing agencies to submit a justification for requests for extension of a project at least six months in advance of the date of completion, where an extension was required, for consideration and approval by the Executive Committee on a case-by-case basis.

Years to be included in verifications of HCFC consumption in LVC countries under HPMPs

19. At its 61st meeting, the Executive Committee requested the Secretariat to provide to the Executive Committee at the first meeting of each year, starting in 2012, a list of all countries with a HCFC consumption baseline up to 360 metric tonnes that had an approved HPMP and an indication of a sample of 20 per cent of countries from that list to enable the Executive Committee to approve such a sample for the purposes of verification of that country's compliance with the HPMP agreement for that year (decision 61/46(c)).

20. At the same time, the Agreements between LVC countries and the Executive Committee (paragraphs 5(a) and (b)) require countries to meet and verify targets set out in row 1.2 of Appendix 2-A for all relevant years since the approval of the Agreement,⁶ except if the Executive Committee decided that such verification would not be required.

21. As a result, some verification reports submitted to the Secretariat for LVC countries cover all relevant years of stage I, while others only cover the years since the approval of the previous tranche (including or excluding that year).

Recommendation

22. The Executive Committee may wish to request relevant bilateral and implementing agencies, when submitting reports for verification of compliance of LVC countries with their HPMP agreement as part of the tranche request, to ensure that they cover all years since the approval of the previous tranche including the year of that tranche approval.

HFC-23 by-product demonstration projects

23. The Government of China, through the World Bank, had submitted to the 82nd meeting a proposal for a demonstration project to validate an industrial process to convert HFC-23 by-product from the production of HCFC-22 to valuable product(s) for commercialization as an alternative approach to destruction. The Secretariat noted, however, that the proposal was not submitted in line with decision 79/47(g), which invited implementing agencies to submit proposals for such projects to the 81st meeting, and therefore did not review the proposal.

⁶ 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;

24. In addition, UNDP submitted at the 80th meeting a report on the status of the project preparation for the technology demonstration project to convert HFC-23 by-product to valuable organic halides by reaction with hydrogen and carbon dioxide for Liaocheng Fier New Material Technology Ltd., in China (decision 80/48). The project proposal could not be submitted to the 81st meeting due to the lack of an agreement between the technology provider and the intended beneficiary in China. Accordingly, UNDP sought guidance on how to proceed, noting that project proposals to convert HFC-23 by-product to valuable product(s) could only be submitted to the 81st meeting.

25. As part of its work programme amendment,⁷ the World Bank had submitted to the 82nd meeting a request for funding for project preparation for an HFC-23 by-product demonstration project for India; however, that request was withdrawn as an endorsement letter could not be provided in time.

26. Recalling the interest expressed by the Executive Committee in submitting such projects, the Secretariat is seeking the Executive Committee's guidance on whether it wishes to invite implementing agencies to submit, up to the 84th meeting, proposals for feasible technology demonstration for HFC-23 by-product mitigation or conversion technologies with the potential for cost-effective, environmentally sustainable conversion of HFC-23.

Recommendation

27. The Executive Committee may wish to consider whether to invite bilateral and implementing agencies to submit, up to the 84th meeting, proposals for the demonstration of feasible technology for HFC-23 by-product conversion technologies with the potential for cost-effective, environmentally sustainable conversion of HFC-23.

HFC-related projects for funding under additional contributions to the Multilateral Fund

28. The Treasurer has submitted a document on the status of additional contributions pledged by a group of donor countries intended to provide fast-start support for the implementation of the HFC phase-down, and availability of resources.⁸ As at 11 September 2018, the Treasurer has received US \$25,513,071 from 17 countries and has disbursed US \$22,590,700;⁹ of which US \$513,600 accounted as bilateral contribution. The balance available for programming at the 82nd meeting is US \$2,408,771.

29. The four implementing agencies submitted to the 82nd meeting 13 funding requests for enabling activities in 11 Article 5 countries and five HFC-related investment projects. The Secretariat has presented below an overview of these requests.

Funding requests for enabling activities

30. On behalf of 11 Article 5 countries, implementing agencies submitted 13 funding requests for enabling activities (i.e., three from Africa, two from Latin America and the Caribbean, one from South Asia, three from South East Asia, and two from West Asia). Out of these requests, two are from Article 5 group 2 countries. The requests by Article 5 countries are summarized in Table 1.

⁷ UNEP/OzL.Pro/ExCom/82/36.

⁸ UNEP/OzL.Pro/ExCom/82/5.

⁹ All HFC-related activities submitted to the 80th meeting and part of the HFC-related activities submitted to the 81st meeting were funded from the additional voluntary contributions to the Fund.

Table 1. Overview of funding requests for enabling activities submitted to 82nd meeting

| Country | Agency | Document (ExCom) | Amount requested (US \$) | | |
|----------------------------------|--------|------------------|--------------------------|----------------|--------------------|
| | | | Cost | Support | Total |
| Bahamas (the) | UNEP | 82/34 | 95,000 | 6,650 | 101,650 |
| Bolivia (Plurinational State of) | | | 150,000 | 10,500 | 160,500 |
| Brunei Darussalam | | | 150,000 | 10,500 | 160,500 |
| Cape Verde | | | 95,000 | 6,650 | 101,650 |
| Cook Islands (the) | | | 50,000 | 3,500 | 53,500 |
| Iran (Islamic Republic of) | UNDP | 82/33 | 155,000 | 10,850 | 165,850 |
| | UNEP* | 82/34 | 95,000 | 6,650 | 101,650 |
| Jordan | UNIDO | 82/35 | 150,000 | 10,500 | 160,500 |
| Mauritius | UNEP | 82/34 | 150,000 | 10,500 | 160,500 |
| Qatar | UNIDO | 82/35 | 100,000 | 7,000 | 107,000 |
| | UNEP* | 82/34 | 50,000 | 3,500 | 53,500 |
| South Africa | UNIDO | 82/35 | 240,000 | 16,800 | 256,800 |
| Timor-Leste | UNEP | 82/34 | 50,000 | 3,500 | 53,500 |
| Total | | | 1,530,000 | 107,100 | **1,637,100 |

*As cooperating implementing agency.

**It includes US \$400,000 plus agency support costs of US \$28,000 for Iran (Islamic Republic of) and Qatar (Article 5 group 2 countries).

Secretariat's review

31. Each funding request for enabling activities contained a set of activities (that were adjusted according to the requirements of each country), institutional arrangements to support the implementation of the enabling activities, implementation plans and budgets. The Secretariat has recommended blanket approval for all enabling activities, and individual consideration for funding for a preparation of an HFC investment project. A total of US \$1,209,100 (US \$1,130,000, plus agency support cost of US \$79,100) corresponds to funding for Article 5 group 1 countries.

32. The Executive Committee may wish to note that if the requests for enabling activities submitted to the 82nd meeting are approved, funding of US \$18,815,950 (including agency support costs) would have been approved for 130 Article 5 countries. Only 14 out of 144 Article 5 countries would not have an approved enabling activity (funding for these remaining countries would be no more than US \$2,332,600).

33. The Executive Committee may wish to consider the enabling activities for HFC phase-down in line with decisions 81/31(a)(ii)¹⁰ and (iii),¹¹ as contained in the respective implementing agencies' work programmes under agenda item 9(c).

Funding requests for stand-alone HFC investment projects

34. On behalf of five Article 5 countries, implementing agencies submitted their funding requests for five fully-developed stand-alone HFC investment projects at a total cost of US \$4,078,573 (excluding support costs), contained in Table 2.

¹⁰The Executive Committee decided that requests for funding for enabling activities submitted at future meetings for any Article 5 group 1 country that had not yet made such a request would be funded from the additional voluntary contributions to the extent possible, and from the regular contributions to the Multilateral Fund if no more funding was available from the additional voluntary contributions.

¹¹ The Executive Committee decided that requests for funding for enabling activities submitted at future meetings for any Article 5 group 2 country that had not yet made such a request would be funded from the regular contributions to the Multilateral Fund.

Table 2. Overview of submissions of HFC-related projects in the manufacturing sector

| Investment projects | | Agency | Doc ExCom | Funding (US \$) | | |
|---------------------|---|------------|-----------|------------------|----------------------|------------------------|
| | | | | Submitted | Recommended | Including support cost |
| China* | Conversion from C5+HFC-245fa to C5+HFO-1233zd(E) in a domestic refrigerator manufacturer (Hisense Kelon) | UNDP | 82/45 | 2,343,000 | 1,275,000 | 1,364,250 |
| Ecuador* | Conversion from HFC-134a and R-404A to R-290 and R-600a in the manufacture of domestic and commercial refrigerators in Ecasa | UNIDO | 82/48 | 235,190 | 199,480 | 217,433 |
| Egypt* | Conversion from HFC-134a to HCO/HFO in a polyurethane foam panel manufacturer (Army Factory) | UNDP | 82/49 | 398,900 | No agreement reached | n/a |
| Thailand | Conversion from HFC to R-290 and R-600a as refrigerant in the manufacture of commercial refrigeration appliances in Pattana Intercool Co. Ltd | World Bank | 82/59 | 262,642 | 183,514 | 200,030 |
| Zimbabwe* | Conversion from HFC-134a to R-600a in manufacturing domestic refrigerators at Capri (SME Harare) | UNDP | 82/62 | 838,841 | 426,954 | 456,840 |
| Total | | | | 4,078,573 | 2,084,948 | 2,238,554 |

*Re-submission.

Secretariat's review

35. The Secretariat reviewed the stand-alone HFC projects using the same approach when reviewing stand-alone investment projects. Three of the five projects are for the domestic and/or commercial refrigeration sector and related to the conversion from HFC-134a and/or R-404A to isobutane (R-600a) or propane (R-290). Two projects are for the PU foam sector, one for the conversion of cyclopentane/HFC-245fa to cyclopentane/HFO-1233zd(E) as insulation foam in domestic refrigerators and the other for conversion from HFC-134a in PU foam manufacturing to HCO/HFO. Two of the proposals are from the Asian region, two from Africa and one from the Latin America. None of the countries included have previously received approval of funds for HFC investment projects.

36. Given the balance of additional contributions available for programming at the 82nd meeting of US \$2,408,771, and the US \$1,209,100 (including support costs) requested for enabling activities by Article 5 group 1 countries, there is a balance of US \$1,199,671 from additional contributions available for HFC investment projects.

Secretariat's recommendation

37. The Executive Committee may wish to consider each of the funding requests for HFC-related investment projects under agenda item (9)(f) "Investment projects" and also to consider, during its deliberation, the funding source for each project either from the regular contributions or from the balances

remaining from the additional voluntary contributions provided by a group of non-Article 5 Parties, after giving priority to the enabling activities submitted to the 82nd meeting.

Projects and activities submitted for blanket approval

38. Annex I to the present document lists 137 projects and activities totalling US \$13,343,835, including agency support costs, that are recommended for blanket approval. The approval of these projects would include the relevant conditions or provisions in the corresponding project evaluation sheets as well as the approval of implementation programmes associated with the relevant tranches of multi-year projects.

Investment projects for individual consideration

39. Thirty-two projects/activities totalling US \$85,373,891, including agency support costs, of which US \$31,395,787 is for the third tranche of stage II of the HPMP for China (US \$88,751,691 including amount requested in principle), and five HFC-related projects and activities totalling US \$2,483,470¹² including agency support costs, after the review by the Secretariat, are proposed for individual consideration. To facilitate the Executive Committee's consideration of the investment projects for individual consideration, the Secretariat has classified the projects by sector, and has grouped them according to the issues, as shown in Table 3. Table 3 also includes a section on individual investment projects to phase out HFCs as per decision 78/3(g).

Table 3. Investment projects submitted for individual consideration

| Country | Project | Agency | ExCom | Issue |
|--|---|---|-------|--|
| Stage II of HPMPs | | | | |
| Cameroon | HCFC phase-out management plan stage II | UNIDO | 82/43 | All technical and cost issues resolved |
| Thailand | HCFC production phase-out management plan stage II | World Bank | 82/59 | All technical and cost issues resolved |
| Tranche requests of stage I/stage II of HPMPs | | | | |
| Brazil | HCFC phase-out management plan (stage II, third tranche) | UNDP/UNIDO/ Germany/Italy | 82/41 | Tranche above 5 million. Change of technology in two foam enterprises. Change of an enterprise in commercial refrigeration. Delay in room AC and revision of the Agreement |
| China | HCFC phase-out management plan (stage I, annual progress reports) | UNDP/UNEP/ UNIDO/World Bank/Germany/ Japan | 82/45 | Request for extension of PU foam, ICR and servicing sector plans |
| China (Overarching) | HCFC phase-out management plan (stage II) | UNDP/UNEP/ UNIDO/World Bank/Germany/ Japan | 82/45 | Revision of the Agreement (decision 81/45) |
| China (XPS foam) | HCFC phase-out management plan (stage II, third tranche) | UNIDO/ Germany | 82/45 | Tranche above 5 million. All technical and cost issues resolved |
| China (ICR) | HCFC phase-out management plan (stage II, third tranche) | UNDP | 82/45 | Tranche above 5 million. All technical and cost issues resolved |
| China | HCFC phase-out management plan | UNEP/Japan/ | 82/45 | All technical and cost |

¹² Including the proposed amount by the Secretariat of US \$244,916 for the Egypt project

| Country | Project | Agency | ExCom | Issue |
|--|---|-----------------------|-------|---|
| (Servicing) | (stage II, third tranche) | Germany | | issues resolved |
| China (Solvent) | HCFC phase-out management plan (stage II, third tranche) | UNDP | 82/45 | All technical and cost issues resolved |
| Egypt | HCFC phase-out management plan (stage I, third tranche) | UNIDO/UNDP | 82/49 | Change of technology in one foam enterprise, temporary use of high-GWP technology |
| Equatorial Guinea | HCFC phase-out management plan (stage I, third/fourth tranche) | UNEP/UNIDO | 82/50 | Revised starting point Revised Article 7 data |
| India | HCFC phase-out management plan (stage II, second tranche) | UNDP/UNEP/ Germany | 82/52 | Tranche above 5 million. All technical and cost issues resolved |
| Libya | HCFC phase-out management plan (stage I, second tranche) | UNIDO | 82/53 | Low level of fund disbursement. Country subject to compliance decision |
| Individual investment projects to reduce HFCs | | | | |
| China | Conversion from C5+HFC-245fa to C5+HFOs in a domestic refrigerator manufacturer (Hisense Kelon) | UNDP | 82/45 | Agreement on cost reached |
| Ecuador | Conversion of HFC-134a and R-404A to R-290 and R-600a in the manufacture of domestic and commercial refrigerators in Ecasa | UNIDO | 82/48 | Agreement on cost reached |
| Egypt | Conversion from HFC-134a to HFOs in a polyurethane foam panel manufacturer (Army Factory) | UNDP | 82/49 | Concerns raised at the 81 st meeting not addressed |
| Thailand | Conversion from HFC to Propane (R-290) and Isobutene (R-600a) in the manufacture of commercial refrigeration appliances in Pattana Intercool Co. Ltd. | World Bank | 82/59 | Agreement on cost reached |
| Zimbabwe | Conversion from HFC-134a to isobutane in the manufacture of domestic refrigerators at Capri (SME Harare) | UNDP | 82/62 | Agreement on cost reached |

List of projects and activities recommended for blanket approval

UNEP/OzL.Pro/ExCom/82/31
Annex I

| Project Title | Agency | ODP (tonnes) | Funds recommended (US\$) | | | C.E. (US\$/kg) |
|---|--------|-----------------|--------------------------|-----------------|------------------|-------------------|
| | | | Project | Support | Total | |
| AFGHANISTAN | | | | | | |
| PHASE-OUT PLAN | | | | | | |
| HCFC phase out plan | | | | | | |
| Preparation of a HCFC phase-out management plan (stage II) | UNEP | | \$40,000 | \$5,200 | \$45,200 | |
| Preparation of a HCFC phase-out management plan (stage II) | UNIDO | | \$20,000 | \$1,400 | \$21,400 | |
| Total for Afghanistan | | | \$60,000 | \$6,600 | \$66,600 | |
| ALBANIA | | | | | | |
| 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 Albania | | | \$30,000 | \$2,700 | \$32,700 | |
| ARGENTINA | | | | | | |
| SEVERAL | | | | | | |
| Ozone unit support | | | | | | |
| Extension for institutional strengthening project (phase X: 1/2019-12/2020) | UNDP | | \$398,806 | \$27,916 | \$426,722 | |
| Total for Argentina | | | \$398,806 | \$27,916 | \$426,722 | |
| ARMENIA | | | | | | |
| SEVERAL | | | | | | |
| Ozone unit support | | | | | | |
| Extension of institutional strengthening project (phase VI: 4/2019-3/2021) | UNIDO | | \$153,600 | \$10,752 | \$164,352 | |
| Total for Armenia | | | \$153,600 | \$10,752 | \$164,352 | |
| BAHAMAS | | | | | | |
| 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> | | | | | | |

List of projects and activities recommended for blanket approval

UNEP/OzL.Pro/ExCom/82/31
Annex I

| Project Title | Agency | ODP (tonnes) | Funds recommended (US\$) | | | C.E. (US\$/kg) |
|---|--------|---------------------------|--------------------------|-----------------|------------------|-------------------|
| | | | Project | Support | Total | |
| SEVERAL | | | | | | |
| Technical assistance/support | | | | | | |
| Enabling activities for HFC phase-down | UNEP | | \$95,000 | \$6,650 | \$101,650 | |
| | | Total for Bahamas | \$125,000 | \$10,550 | \$135,550 | |
| BARBADOS | | | | | | |
| SEVERAL | | | | | | |
| Ozone unit support | | | | | | |
| Renewal of institutional strengthening project (phase VII: 1/2019-12/2020) | UNEP | | \$149,760 | \$0 | \$149,760 | |
| | | Total for Barbados | \$149,760 | | \$149,760 | |
| BELIZE | | | | | | |
| PHASE-OUT PLAN | | | | | | |
| HCFC phase out plan | | | | | | |
| Preparation of a HCFC phase-out management plan (stage II) | UNDP | | \$10,000 | \$700 | \$10,700 | |
| 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> | | | | | | |
| Preparation of a HCFC phase-out management plan (stage II) | UNEP | | \$20,000 | \$2,600 | \$22,600 | |
| | | Total for Belize | \$60,000 | \$7,200 | \$67,200 | |
| BOLIVIA | | | | | | |
| PHASE-OUT PLAN | | | | | | |
| HCFC phase out plan | | | | | | |
| Preparation of a HCFC phase-out management plan (stage II) | UNIDO | | \$30,000 | \$2,100 | \$32,100 | |
| SEVERAL | | | | | | |
| Technical assistance/support | | | | | | |
| Enabling activities for HFC phase-down | UNEP | | \$150,000 | \$10,500 | \$160,500 | |
| | | Total for Bolivia | \$180,000 | \$12,600 | \$192,600 | |

List of projects and activities recommended for blanket approval

UNEP/OzL.Pro/ExCom/82/31
Annex I

| Project Title | Agency | ODP (tonnes) | Funds recommended (US\$) | | | C.E. (US\$/kg) |
|---|--------|-----------------|--------------------------|-----------------|------------------|-------------------|
| | | | Project | Support | Total | |
| BOSNIA AND HERZEGOVINA | | | | | | |
| PHASE-OUT PLAN | | | | | | |
| HCFC phase out plan | | | | | | |
| HCFC phase-out management plan (stage I, fourth tranche) (activities in the refrigeration servicing sector including policy actions) | UNIDO | 0.6 | \$31,000 | \$2,170 | \$33,170 | |
| <i>Noted that, on an exceptional basis, the funding level of stage II of the HPMP, when submitted, would be adjusted by US\$13,860 representing the savings associated with the conversion at Alternativa after accounting for the penalty associated with the second tranche of stage I.</i> | | | | | | |
| Preparation of a HCFC phase-out management plan (stage II) | UNIDO | | \$30,000 | \$2,100 | \$32,100 | |
| Total for Bosnia and Herzegovina | | 0.6 | \$61,000 | \$4,270 | \$65,270 | |
| BOTSWANA | | | | | | |
| PHASE-OUT PLAN | | | | | | |
| HCFC phase out plan | | | | | | |
| HCFC phase-out management plan (stage I, second tranche) | UNIDO | 1.3 | \$140,000 | \$9,800 | \$149,800 | |
| <i>Approved on the understanding that Botswana recorded consumption in the servicing sector only; and 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.</i> | | | | | | |
| HCFC phase-out management plan (stage I, second tranche) | UNEP | 1.4 | \$90,000 | \$11,700 | \$101,700 | |
| <i>Approved on the understanding that Botswana recorded consumption in the servicing sector only; and 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.</i> | | | | | | |
| Total for Botswana | | 2.7 | \$230,000 | \$21,500 | \$251,500 | |
| BRUNEI DARUSSALAM | | | | | | |
| PHASE-OUT PLAN | | | | | | |
| HCFC phase out plan | | | | | | |
| HCFC phase-out management plan (stage I, third tranche) | UNDP | | \$33,000 | \$2,970 | \$35,970 | |
| <i>Approved on the understanding that UNEP would include an update on progress toward implementing the recommendations in the verification report submitted to the 82nd meeting, including strengthening the licensing system, improving communication with Customs and additional training for Customs officers, and strengthening the data recording procedures, as part of the progress report on the implementation of the third tranche of the</i> | | | | | | |

List of projects and activities recommended for blanket approval

UNEP/OzL.Pro/ExCom/82/31
Annex I

| Project Title | Agency | ODP (tonnes) | Funds recommended (US\$) | | | C.E. (US\$/kg) |
|--|--------|------------------------------------|--------------------------|------------------|-----------------|-------------------|
| | | | Project | Support | Total | |
| HCFC phase-out management plan (stage I, third tranche) <i>Approved on the understanding that UNEP would include an update on progress toward implementing the recommendations in the verification report submitted to the 82nd meeting, including strengthening the licensing system, improving communication with Customs and additional training for Customs officers, and strengthening the data recording procedures, as part of the progress report on the implementation of the third tranche of the</i> | UNEP | 0.8 | \$7,000 | \$910 | \$7,910 | |
| Preparation of a HCFC phase-out management plan (stage II) | UNEP | | \$30,000 | \$3,900 | \$33,900 | |
| SEVERAL | | | | | | |
| Ozone unit support | | | | | | |
| Renewal of the institutional strengthening project (phase VI: 1/2019-12/2020) | UNEP | | \$89,600 | \$0 | \$89,600 | |
| Technical assistance/support | | | | | | |
| Enabling activities for HFC phase-down | UNEP | | \$150,000 | \$10,500 | \$160,500 | |
| | | Total for Brunei Darussalam | 0.8 | \$309,600 | \$18,280 | \$327,880 |
| CAPE VERDE | | | | | | |
| SEVERAL | | | | | | |
| Technical assistance/support | | | | | | |
| Enabling activities for HFC phase-down | UNEP | | \$95,000 | \$6,650 | \$101,650 | |
| | | Total for Cape Verde | | \$95,000 | \$6,650 | \$101,650 |

List of projects and activities recommended for blanket approval

UNEP/OzL.Pro/ExCom/82/31
Annex I

| Project Title | Agency | ODP (tonnes) | Funds recommended (US\$) | | | C.E. (US\$/kg) |
|--|-------------------------------|-----------------|--------------------------|-----------------|------------------|-------------------|
| | | | Project | Support | Total | |
| CHAD | | | | | | |
| PHASE-OUT PLAN | | | | | | |
| HCFC phase out plan | | | | | | |
| HCFC phase-out management plan (stage I, fourth tranche) | UNEP | 1.7 | \$45,000 | \$5,850 | \$50,850 | |
| <i>Approved on the understanding that if Chad 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; that request for funding for the fifth tranche of stage I of the HPMP would be provided on the understanding that a report has been received on: measures taken by the country to address challenges and recommendations from the verification report on the development of training modules for refrigeration technicians on the use of alternatives; provision of additional refrigerant identifiers to cover the national territory; and organization of information and awareness campaigns on effects of flammable and toxic refrigerants; the status of development of an online tool between the Customs department and the National Ozone Unit to share information on the use of import quotas for HCFCs; the status of the regulatory environment for the safe use of flammable and toxic refrigerants; and actions taken by UNEP through the CAP in coordination with the Government to address controls on import of ODS-based equipment and preventing illegal imports.</i> | | | | | | |
| Preparation of a HCFC phase-out management plan (stage II) | UNEP | | \$40,000 | \$5,200 | \$45,200 | |
| Preparation of a HCFC phase-out management plan (stage II) | UNIDO | | \$20,000 | \$1,400 | \$21,400 | |
| | Total for Chad | 1.7 | \$105,000 | \$12,450 | \$117,450 | |
| CHINA | | | | | | |
| SEVERAL | | | | | | |
| Ozone unit support | | | | | | |
| Extension of the institutional strengthening project (phase XIII: 1/2019-12/2020) | UNDP | | \$499,200 | \$34,944 | \$534,144 | |
| | Total for China | | \$499,200 | \$34,944 | \$534,144 | |
| COOK ISLANDS | | | | | | |
| SEVERAL | | | | | | |
| Technical assistance/support | | | | | | |
| Enabling activities for HFC phase-down | UNEP | | \$50,000 | \$3,500 | \$53,500 | |
| | Total for Cook Islands | | \$50,000 | \$3,500 | \$53,500 | |

List of projects and activities recommended for blanket approval

UNEP/OzL.Pro/ExCom/82/31
Annex I

| Project Title | Agency | ODP (tonnes) | Funds recommended (US\$) | | | C.E. (US\$/kg) |
|---|--------|-----------------|--------------------------|-----------------|------------------|-------------------|
| | | | Project | Support | Total | |
| CUBA | | | | | | |
| PHASE-OUT PLAN | | | | | | |
| HCFC phase out plan | | | | | | |
| Preparation of a HCFC phase-out management plan (stage II) | UNDP | | \$60,000 | \$4,200 | \$64,200 | |
| Verification report on the implementation of the HCFC phase-out management plan | UNDP | | \$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> | | | | | | |
| HCFC phase-out management plan (stage I, fourth tranche) | UNDP | 4.2 | \$100,000 | \$7,500 | \$107,500 | |
| <i>Noted the conversion of the enterprise Frioclima with its own funds to HFC-134a and that the associated funding to phase out 1.32 ODP tonnes of HCFC-22 can no longer be requested; the return of US\$50,000, plus agency support costs, approved at the 58th meeting for the preparation of the investment project mentioned above; the report provided by UNDP and, with appreciation, the efforts made to facilitate the supply of technology with low-GWP to the enterprises Friarc and IDA, funded under stage I of the HPMP; UNDP was requested to continue assisting the Government in securing the supply of low-GWP alternative technology and to provide, to the 83rd meeting, a report on the status of the conversion of the two enterprises, including, in the event of use of a technology other than that selected when the project was approved, a detailed analysis of the ICC and IOC, along with an update from the suppliers on the progress made towards ensuring that the selected technologies, including associated components, were available on a commercial basis in the country.</i> | | | | | | |
| Total for Cuba | | 4.2 | \$190,000 | \$14,400 | \$204,400 | |

DOMINICAN REPUBLIC

PHASE-OUT PLAN

HCFC phase out plan

| | | | | | | |
|---|------|--|-----------|----------|-----------|--|
| HCFC phase-out management plan (stage II, second tranche) | UNDP | | \$574,200 | \$40,194 | \$614,394 | |
|---|------|--|-----------|----------|-----------|--|

Approved on the understanding that UNDP would include an update on progress in implementing the recommendations in the verification report, including training of Customs officers, improving data recording and management of documentation related to HCFCs imports and exports, as part of the progress report on the implementation of the second tranche of stage II of the HPMP; and that the pilot projects to promote the adoption of low-global warming potential alternatives and the small equipment incentive programme would enhance the sustainability of the training of servicing technicians, and would be co-financed by participating end users.

List of projects and activities recommended for blanket approval

UNEP/OzL.Pro/ExCom/82/31
Annex I

| Project Title | Agency | ODP (tonnes) | Funds recommended (US\$) | | | C.E. (US\$/kg) |
|---|--------|-----------------|--------------------------|------------------|------------------|-------------------|
| | | | Project | Support | Total | |
| HCFC phase-out management plan (stage II, second tranche) | UNEP | | \$100,000 | \$13,000 | \$113,000 | |
| <p><i>Approved on the understanding that UNDP would include an update on progress in implementing the recommendations in the verification report, including training of Customs officers, improving data recording and management of documentation related to HCFCs imports and exports, as part of the progress report on the implementation of the second tranche of stage II of the HPMP; and that the pilot projects to promote the adoption of low-global warming potential alternatives and the small equipment incentive programme would enhance the sustainability of the training of servicing technicians, and would be co-financed by participating end users.</i></p> | | | | | | |
| SEVERAL | | | | | | |
| Ozone unit support | | | | | | |
| Extension of the institutional strengthening project (phase X: 1/2019-12/2020) | UNEP | | \$171,946 | \$0 | \$171,946 | |
| Total for Dominican Republic | | | \$846,146 | \$53,194 | \$899,340 | |
| ECUADOR | | | | | | |
| PHASE-OUT PLAN | | | | | | |
| HCFC phase out plan | | | | | | |
| HCFC phase-out management plan (stage I, fourth tranche) | UNEP | 1.1 | \$25,000 | \$3,250 | \$28,250 | |
| <p><i>Noted the commitment to implement a ban on the import of pure HCFC-141b as of 1 January 2020. The Government of Ecuador, UNIDO and UNEP were requested to include in the fifth tranche an update on the measures taken by the country to ensure that HCFC imports by individual importers do not exceed the issued quotas.</i></p> | | | | | | |
| Preparation of a HCFC phase-out management plan (stage II) | UNIDO | | \$40,000 | \$2,800 | \$42,800 | |
| HCFC phase-out management plan (stage I, fourth tranche) | UNIDO | 4.9 | \$86,500 | \$6,487 | \$92,987 | |
| <p><i>Noted the commitment to implement a ban on the import of pure HCFC-141b as of 1 January 2020. The Government of Ecuador, UNIDO and UNEP were requested to include in the fifth tranche an update on the measures taken by the country to ensure that HCFC imports by individual importers do not exceed the issued quotas.</i></p> | | | | | | |
| Preparation of a HCFC phase-out management plan (stage II) | UNEP | | \$20,000 | \$2,600 | \$22,600 | |
| Total for Ecuador | | | 6.0 | \$171,500 | \$15,137 | \$186,637 |
| EL SALVADOR | | | | | | |
| PHASE-OUT PLAN | | | | | | |
| HCFC phase out plan | | | | | | |
| Preparation of a HCFC phase-out management plan (stage II) | UNDP | | \$40,000 | \$2,800 | \$42,800 | |

List of projects and activities recommended for blanket approval

UNEP/OzL.Pro/ExCom/82/31
Annex I

| Project Title | Agency | ODP (tonnes) | Funds recommended (US\$) | | | C.E. (US\$/kg) |
|--|--------|-----------------|--------------------------|----------------|------------------|-------------------|
| | | | Project | Support | Total | |
| Total for El Salvador | | | \$40,000 | \$2,800 | \$42,800 | |
| ERITREA | | | | | | |
| 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 Eritrea | | | \$30,000 | \$3,900 | \$33,900 | |
| FIJI | | | | | | |
| PHASE-OUT PLAN | | | | | | |
| HCFC phase out plan | | | | | | |
| Preparation of a HCFC phase-out management plan (stage II) | UNDP | | \$30,000 | \$2,100 | \$32,100 | |
| 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> | UNDP | | \$30,000 | \$2,700 | \$32,700 | |
| Total for Fiji | | | \$145,000 | \$4,800 | \$149,800 | |
| GAMBIA | | | | | | |
| 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 | |
| HCFC phase-out management plan (stage I, fourth tranche) | UNEP | 0.2 | \$21,000 | \$2,730 | \$23,730 | |
| Preparation of a HCFC phase-out management plan (stage II) | UNIDO | | \$10,000 | \$700 | \$10,700 | |

List of projects and activities recommended for blanket approval

UNEP/OzL.Pro/ExCom/82/31
Annex I

| Project Title | Agency | ODP (tonnes) | Funds recommended (US\$) | | | C.E. (US\$/kg) |
|--|--------------------------------|-----------------|--------------------------|-----------------|------------------|-------------------|
| | | | Project | Support | Total | |
| Preparation of a HCFC phase-out management plan (stage II) | UNEP | | \$20,000 | \$2,600 | \$22,600 | |
| | Total for Gambia | 0.2 | \$81,000 | \$9,930 | \$90,930 | |
| GHANA | | | | | | |
| SEVERAL | | | | | | |
| Ozone unit support | | | | | | |
| Extension of the institutional strengthening project (phase XIII: 1/2018-12/2020) | UNDP | | \$178,048 | \$12,463 | \$190,511 | |
| | Total for Ghana | | \$178,048 | \$12,463 | \$190,511 | |
| GRENADA | | | | | | |
| PHASE-OUT PLAN | | | | | | |
| HCFC phase out plan | | | | | | |
| Preparation of a HCFC phase-out management plan (stage II) | UNEP | | \$30,000 | \$3,900 | \$33,900 | |
| 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 Grenada | | \$60,000 | \$7,800 | \$67,800 | |
| GUATEMALA | | | | | | |
| PHASE-OUT PLAN | | | | | | |
| HCFC phase out plan | | | | | | |
| Preparation of a HCFC phase-out management plan (stage II) | UNEP | | \$15,000 | \$1,950 | \$16,950 | |
| Preparation of a HCFC phase-out management plan (stage II) | UNIDO | | \$25,000 | \$1,750 | \$26,750 | |
| | Total for Guatemala | | \$40,000 | \$3,700 | \$43,700 | |
| GUINEA-BISSAU | | | | | | |
| 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 Guinea-Bissau | | \$30,000 | \$3,900 | \$33,900 | |

List of projects and activities recommended for blanket approval

UNEP/OzL.Pro/ExCom/82/31
Annex I

| Project Title | Agency | ODP (tonnes) | Funds recommended (US\$) | | | C.E. (US\$/kg) |
|---|--------|---------------------------|--------------------------|-----------------|------------------|-------------------|
| | | | Project | Support | Total | |
| HONDURAS | | | | | | |
| PHASE-OUT PLAN | | | | | | |
| HCFC phase out plan | | | | | | |
| Preparation of a HCFC phase-out management plan (stage II) | UNIDO | | \$40,000 | \$2,800 | \$42,800 | |
| Preparation of a HCFC phase-out management plan (stage II) | UNEP | | \$20,000 | \$2,600 | \$22,600 | |
| | | Total for Honduras | \$60,000 | \$5,400 | \$65,400 | |
| IRAN | | | | | | |
| SEVERAL | | | | | | |
| Ozone unit support | | | | | | |
| Extension of the institutional strengthening project (phase XII: 4/2019-3/2021) | UNDP | | \$222,094 | \$15,547 | \$237,641 | |
| Technical assistance/support | | | | | | |
| Enabling activities for HFC phase-down | UNDP | | \$155,000 | \$10,850 | \$165,850 | |
| Enabling activities for HFC phase-down | UNEP | | \$95,000 | \$6,650 | \$101,650 | |
| | | Total for Iran | \$472,094 | \$33,047 | \$505,141 | |
| IRAQ | | | | | | |
| SEVERAL | | | | | | |
| Ozone unit support | | | | | | |
| Extension of institutional strengthening project (phase IV: 1/2019-12/2020) | UNEP | | \$307,200 | \$0 | \$307,200 | |
| | | Total for Iraq | \$307,200 | | \$307,200 | |
| JORDAN | | | | | | |
| SEVERAL | | | | | | |
| Ozone unit support | | | | | | |
| Extension of institutional strengthening project (phase XIII: 1/2019-12/2020) | IBRD | | \$188,586 | \$13,201 | \$201,787 | |
| Technical assistance/support | | | | | | |
| Enabling activities for HFC phase-down | UNIDO | | \$150,000 | \$10,500 | \$160,500 | |
| | | Total for Jordan | \$338,586 | \$23,701 | \$362,287 | |

List of projects and activities recommended for blanket approval

 UNEP/OzL.Pro/ExCom/82/31
 Annex I

| Project Title | Agency | ODP (tonnes) | Funds recommended (US\$) | | | C.E. (US\$/kg) |
|--|--------|---------------------------|--------------------------|-----------------|------------------|-------------------|
| | | | Project | Support | Total | |
| LAO, PDR | | | | | | |
| 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 | |
| Preparation of a HCFC phase-out management plan (stage II) | UNEP | | \$30,000 | \$3,900 | \$33,900 | |
| | | Total for Lao, PDR | \$60,000 | \$7,800 | \$67,800 | |
| LEBANON | | | | | | |
| SEVERAL | | | | | | |
| Ozone unit support | | | | | | |
| Extension of the institutional strengthening project (phase XI: 4/2019-3/2021) | UNDP | | \$198,515 | \$13,896 | \$212,411 | |
| | | Total for Lebanon | \$198,515 | \$13,896 | \$212,411 | |
| LESOTHO | | | | | | |
| SEVERAL | | | | | | |
| Ozone unit support | | | | | | |
| Extension of the institutional strengthening project (phase IX: 1/2019-12/2020) | UNEP | | \$85,000 | \$0 | \$85,000 | |
| | | Total for Lesotho | \$85,000 | | \$85,000 | |
| LIBYA | | | | | | |
| FOAM | | | | | | |
| Preparation of project proposal | | | | | | |
| Preparation for HCFC phase-out investment activities (stage II) (foam sector) | UNIDO | | \$80,000 | \$5,600 | \$85,600 | |
| PHASE-OUT PLAN | | | | | | |
| HCFC phase out plan | | | | | | |
| Preparation of a HCFC phase-out management plan (stage II) | UNIDO | | \$70,000 | \$4,900 | \$74,900 | |
| | | Total for Libya | \$150,000 | \$10,500 | \$160,500 | |

List of projects and activities recommended for blanket approval

 UNEP/OzL.Pro/ExCom/82/31
 Annex I

| Project Title | Agency | ODP (tonnes) | Funds recommended (US\$) | | | C.E. (US\$/kg) |
|--|---------------------------------|-----------------|--------------------------|-----------------|------------------|-------------------|
| | | | Project | Support | Total | |
| MACEDONIA, FYR | | | | | | |
| PHASE-OUT PLAN | | | | | | |
| HCFC phase out plan | | | | | | |
| HCFC phase-out management plan (phase I, eighth tranche) <i>Approved on the understanding that an update on the conversion of the foam enterprise Sileks be provided to the 83rd meeting under reports on projects with specific reporting requirements.</i> | UNIDO | 0.1 | \$131,000 | \$9,825 | \$140,825 | |
| Preparation of a HCFC phase-out management plan (stage II) | UNIDO | | \$30,000 | \$2,100 | \$32,100 | |
| | Total for Macedonia, FYR | 0.1 | \$161,000 | \$11,925 | \$172,925 | |
| MADAGASCAR | | | | | | |
| 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 | |
| SEVERAL | | | | | | |
| Ozone unit support | | | | | | |
| Renewal of institutional strengthening project (phase VIII: 1/2019-12/2020) | UNEP | | \$85,000 | \$0 | \$85,000 | |
| | Total for Madagascar | | \$115,000 | \$3,900 | \$118,900 | |
| MALAWI | | | | | | |
| 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 | |
| SEVERAL | | | | | | |
| Ozone unit support | | | | | | |
| Extension of institutional strengthening project (phase XI: 1/2019-12/2020) | UNEP | | \$85,418 | \$0 | \$85,418 | |
| | Total for Malawi | | \$115,418 | \$3,900 | \$119,318 | |

List of projects and activities recommended for blanket approval

UNEP/OzL.Pro/ExCom/82/31
Annex I

| Project Title | Agency | ODP (tonnes) | Funds recommended (US\$) | | | C.E. (US\$/kg) |
|--|--------|-----------------|--------------------------|-----------------|------------------|-------------------|
| | | | Project | Support | Total | |
| MAURITIUS | | | | | | |
| SEVERAL | | | | | | |
| Technical assistance/support | | | | | | |
| Enabling activities for HFC phase-down | UNEP | | \$150,000 | \$10,500 | \$160,500 | |
| Total for Mauritius | | | \$150,000 | \$10,500 | \$160,500 | |
| MEXICO | | | | | | |
| SEVERAL | | | | | | |
| Ozone unit support | | | | | | |
| Extension of institutional strengthening project (phase XIV: UNIDO 7/2019-6/2021) | | | \$316,160 | \$22,131 | \$338,291 | |
| Total for Mexico | | | \$316,160 | \$22,131 | \$338,291 | |
| MOLDOVA, REP | | | | | | |
| SEVERAL | | | | | | |
| Ozone unit support | | | | | | |
| Extension of the institutional strengthening project (phase X: 1/2019-12/2020) | UNEP | | \$88,748 | \$0 | \$88,748 | |
| Total for Moldova, Rep | | | \$88,748 | | \$88,748 | |
| MONGOLIA | | | | | | |
| 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 | |
| Preparation of a HCFC phase-out management plan (stage II) | UNEP | | \$30,000 | \$3,900 | \$33,900 | |
| Total for Mongolia | | | \$60,000 | \$7,800 | \$67,800 | |
| MONTENEGRO | | | | | | |
| PHASE-OUT PLAN | | | | | | |
| HCFC phase out plan | | | | | | |
| Preparation of a HCFC phase-out management plan (stage II) | UNIDO | | \$30,000 | \$2,100 | \$32,100 | |
| Total for Montenegro | | | \$30,000 | \$2,100 | \$32,100 | |

List of projects and activities recommended for blanket approval

UNEP/OzL.Pro/ExCom/82/31
Annex I

| Project Title | Agency | ODP (tonnes) | Funds recommended (US\$) | | | C.E. (US\$/kg) |
|--|--------|-----------------|--------------------------|-----------------|------------------|-------------------|
| | | | Project | Support | Total | |
| MOZAMBIQUE | | | | | | |
| SEVERAL | | | | | | |
| Ozone unit support | | | | | | |
| Extension of the institutional strengthening project (phase VIII: 1/2019-12/2020) | UNEP | | \$103,424 | \$0 | \$103,424 | |
| Total for Mozambique | | | \$103,424 | | \$103,424 | |
| NEPAL | | | | | | |
| 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 | |
| Preparation of a HCFC phase-out management plan (stage II) | UNEP | | \$30,000 | \$3,900 | \$33,900 | |
| Total for Nepal | | | \$60,000 | \$7,800 | \$67,800 | |
| NIGER | | | | | | |
| PHASE-OUT PLAN | | | | | | |
| HCFC phase out plan | | | | | | |
| Preparation of a HCFC phase-out management plan (stage II) | UNEP | | \$20,000 | \$2,600 | \$22,600 | |
| 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 | |
| Preparation of a HCFC phase-out management plan (stage II) | UNIDO | | \$40,000 | \$2,800 | \$42,800 | |
| Total for Niger | | | \$90,000 | \$8,100 | \$98,100 | |
| NIGERIA | | | | | | |
| SEVERAL | | | | | | |
| Ozone unit support | | | | | | |
| Extension of the institutional strengthening project (phase X: 12/2018-11/2020) | UNDP | | \$332,800 | \$23,296 | \$356,096 | |
| Total for Nigeria | | | \$332,800 | \$23,296 | \$356,096 | |

List of projects and activities recommended for blanket approval

UNEP/OzL.Pro/ExCom/82/31
Annex I

| Project Title | Agency | ODP (tonnes) | Funds recommended (US\$) | | | C.E. (US\$/kg) |
|---|--------|---------------------------|--------------------------|-----------------|------------------|-------------------|
| | | | Project | Support | Total | |
| NIUE | | | | | | |
| SEVERAL | | | | | | |
| Ozone unit support | | | | | | |
| Extension of the institutional strengthening project (phase VII: 4/2019-3/2021) | UNEP | | \$85,000 | \$0 | \$85,000 | |
| | | Total for Niue | \$85,000 | | \$85,000 | |
| OMAN | | | | | | |
| PHASE-OUT PLAN | | | | | | |
| HCFC phase out plan | | | | | | |
| HCFC phase-out management plan (stage II, second tranche) | UNEP | 2.2 | \$59,500 | \$7,735 | \$67,235 | |
| HCFC phase-out management plan (stage II, second tranche) | UNIDO | 3.1 | \$50,000 | \$3,500 | \$53,500 | |
| SEVERAL | | | | | | |
| Ozone unit support | | | | | | |
| Renewal of institutional strengthening support (phase VII: 12/2018-11/2020) | UNIDO | | \$87,638 | \$6,135 | \$93,773 | |
| | | Total for Oman | \$197,138 | \$17,370 | \$214,508 | |
| PAKISTAN | | | | | | |
| SEVERAL | | | | | | |
| Ozone unit support | | | | | | |
| Extension of the institutional strengthening project (phase X: 4/2019-3/2021) | UNDP | | \$287,318 | \$20,112 | \$307,430 | |
| | | Total for Pakistan | \$287,318 | \$20,112 | \$307,430 | |
| PALAU | | | | | | |
| 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 Palau | \$30,000 | \$3,900 | \$33,900 | |

List of projects and activities recommended for blanket approval

UNEP/OzL.Pro/ExCom/82/31
Annex I

| Project Title | Agency | ODP (tonnes) | Funds recommended (US\$) | | | C.E. (US\$/kg) |
|--|--------|-----------------|--------------------------|-----------------|------------------|-------------------|
| | | | Project | Support | Total | |
| PANAMA | | | | | | |
| PHASE-OUT PLAN | | | | | | |
| HCFC phase out plan | | | | | | |
| HCFC phase-out management plan (stage II, second tranche) (refrigeration servicing sector) | UNDP | 6.6 | \$385,800 | \$27,006 | \$412,806 | |
| <i>UNDP and the Government was requested to continue reporting at the time of submission of the remaining tranche requests for stage II of the HPMP on: the status of the Government's efforts to obtain data from the systems house in the Free Trade Zone; and the status of the Government's efforts to obtain information on HCFCs imported to and exported from the Free Trade Zone.; and UNEP was requested to return at the 83rd meeting any remaining balances approved under stage I of the HPMP.</i> | | | | | | |
| Total for Panama | | 6.6 | \$385,800 | \$27,006 | \$412,806 | |
| PARAGUAY | | | | | | |
| PHASE-OUT PLAN | | | | | | |
| HCFC phase out plan | | | | | | |
| Preparation of a HCFC phase-out management plan (stage II) | UNDP | | \$20,000 | \$1,400 | \$21,400 | |
| Preparation of a HCFC phase-out management plan (stage II) | UNEP | | \$40,000 | \$5,200 | \$45,200 | |
| SEVERAL | | | | | | |
| Ozone unit support | | | | | | |
| Extension of institutional strengthening project (phase VIII: 1/2019-12/2020) | UNEP | | \$85,000 | \$0 | \$85,000 | |
| Total for Paraguay | | | \$145,000 | \$6,600 | \$151,600 | |
| QATAR | | | | | | |
| SEVERAL | | | | | | |
| Technical assistance/support | | | | | | |
| Enabling activities for HFC phase-down | UNIDO | | \$100,000 | \$7,000 | \$107,000 | |
| Enabling activities for HFC phase-down | UNEP | | \$50,000 | \$3,500 | \$53,500 | |
| Total for Qatar | | | \$150,000 | \$10,500 | \$160,500 | |
| RWANDA | | | | | | |
| PHASE-OUT PLAN | | | | | | |
| HCFC phase out plan | | | | | | |
| HCFC phase-out management plan (stage I, fourth tranche) | UNEP | 0.6 | \$30,000 | \$3,900 | \$33,900 | |
| <i>Noted that UNEP will return to the Fund the balance of US \$5,000 from the first tranche to the 83rd meeting.</i> | | | | | | |

List of projects and activities recommended for blanket approval

UNEP/OzL.Pro/ExCom/82/31
Annex I

| Project Title | Agency | ODP (tonnes) | Funds recommended (US\$) | | | C.E. (US\$/kg) |
|---|--------|-----------------|--------------------------|----------------|-----------------|-------------------|
| | | | Project | Support | Total | |
| Total for Rwanda | | 0.6 | \$30,000 | \$3,900 | \$33,900 | |
| SAINT KITTS AND NEVIS | | | | | | |
| 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 Saint Kitts and Nevis | | | \$30,000 | \$3,900 | \$33,900 | |
| SAINT LUCIA | | | | | | |
| PHASE-OUT PLAN | | | | | | |
| HCFC phase out plan | | | | | | |
| Preparation of a HCFC phase-out management plan (stage II) | UNEP | | \$20,000 | \$2,600 | \$22,600 | |
| HCFC phase-out management plan (stage I, fourth tranche) | UNEP | 0.2 | \$9,200 | \$1,196 | \$10,396 | |
| Preparation of a HCFC phase-out management plan (stage II) | UNIDO | | \$10,000 | \$700 | \$10,700 | |
| 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 Saint Lucia | | | \$69,200 | \$8,396 | \$77,596 | |
| SAMOA | | | | | | |
| 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 Samoa | | | \$30,000 | \$3,900 | \$33,900 | |

List of projects and activities recommended for blanket approval

UNEP/OzL.Pro/ExCom/82/31
Annex I

| Project Title | Agency | ODP (tonnes) | Funds recommended (US\$) | | | C.E. (US\$/kg) |
|--|--------|-----------------|--------------------------|----------------|------------------|-------------------|
| | | | Project | Support | Total | |
| SAO TOME AND PRINCIPE | | | | | | |
| 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 | |
| SEVERAL | | | | | | |
| Ozone unit support | | | | | | |
| Extension of the institutional strengthening project (phase VI: 1/2019-12/2020) | UNEP | | \$85,000 | \$0 | \$85,000 | |
| Total for Sao Tome and Principe | | | \$115,000 | \$3,900 | \$118,900 | |
| SERBIA | | | | | | |
| 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 | |
| Preparation of a HCFC phase-out management plan (stage II) | UNIDO | | \$30,000 | \$2,100 | \$32,100 | |
| Total for Serbia | | | \$60,000 | \$4,800 | \$64,800 | |
| SIERRA LEONE | | | | | | |
| SEVERAL | | | | | | |
| Ozone unit support | | | | | | |
| Extension of institutional strengthening project (phase VII: 1/2019-12/2020) | UNEP | | \$109,824 | \$0 | \$109,824 | |
| Total for Sierra Leone | | | \$109,824 | | \$109,824 | |
| SOLOMON ISLANDS | | | | | | |
| 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 | |

List of projects and activities recommended for blanket approval

UNEP/OzL.Pro/ExCom/82/31
Annex I

| Project Title | Agency | ODP (tonnes) | Funds recommended (US\$) | | | C.E. (US\$/kg) |
|---|--------|-----------------|--------------------------|------------------|------------------|-------------------|
| | | | Project | Support | Total | |
| Total for Solomon Islands | | | \$30,000 | \$3,900 | \$33,900 | |
| SOUTH AFRICA | | | | | | |
| PHASE-OUT PLAN | | | | | | |
| HCFC phase out plan | | | | | | |
| Preparation of a HCFC phase-out management plan (stage II) | UNIDO | | \$90,000 | \$6,300 | \$96,300 | |
| SEVERAL | | | | | | |
| Technical assistance/support | | | | | | |
| Enabling activities for HFC phase-down | UNIDO | | \$240,000 | \$16,800 | \$256,800 | |
| Total for South Africa | | | \$330,000 | \$23,100 | \$353,100 | |
| SRI LANKA | | | | | | |
| PHASE-OUT PLAN | | | | | | |
| HCFC phase out plan | | | | | | |
| Preparation of a HCFC phase-out management plan (stage II) | UNDP | | \$40,000 | \$2,800 | \$42,800 | |
| Verification report on the implementation of the HCFC phase-out management plan | UNDP | | \$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> | | | | | | |
| SEVERAL | | | | | | |
| Ozone unit support | | | | | | |
| Extension of the institutional strengthening project (phase XII: 1/2019-12/2020) | UNDP | | \$171,592 | \$12,011 | \$183,603 | |
| Total for Sri Lanka | | | \$241,592 | \$17,511 | \$259,103 | |
| SUDAN | | | | | | |
| PHASE-OUT PLAN | | | | | | |
| HCFC phase out plan | | | | | | |
| HCFC phase-out management plan (stage II, second tranche) (refrigeration servicing sector) | UNIDO | 4.2 | \$330,441 | \$23,131 | \$353,572 | |
| Total for Sudan | | | 4.2 | \$330,441 | \$23,131 | \$353,572 |
| TANZANIA | | | | | | |
| PHASE-OUT PLAN | | | | | | |
| HCFC phase out plan | | | | | | |
| Preparation of a HCFC phase-out management plan (stage II) | UNEP | | \$20,000 | \$2,600 | \$22,600 | |

List of projects and activities recommended for blanket approval

UNEP/OzL.Pro/ExCom/82/31
Annex I

| Project Title | Agency | ODP (tonnes) | Funds recommended (US\$) | | | C.E. (US\$/kg) |
|--|--------|-----------------|--------------------------|-----------------|------------------|-------------------|
| | | | Project | Support | Total | |
| Preparation of a HCFC phase-out management plan (stage II) | UNIDO | | \$10,000 | \$700 | \$10,700 | |
| 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 Tanzania | | | \$60,000 | \$7,200 | \$67,200 | |
| THAILAND | | | | | | |
| SEVERAL | | | | | | |
| Ozone unit support | | | | | | |
| Extension of institutional strengthening project (phase IX: 1/2019-12/2020) | IBRD | | \$443,735 | \$31,061 | \$474,796 | |
| Total for Thailand | | | \$443,735 | \$31,061 | \$474,796 | |
| TIMOR LESTE | | | | | | |
| SEVERAL | | | | | | |
| Technical assistance/support | | | | | | |
| Enabling activities for HFC phase-down | UNEP | | \$50,000 | \$3,500 | \$53,500 | |
| Total for Timor Leste | | | \$50,000 | \$3,500 | \$53,500 | |
| TOGO | | | | | | |
| SEVERAL | | | | | | |
| Ozone unit support | | | | | | |
| Extension of the institutional strengthening project (phase X: 1/2019-12/2020) | UNEP | | \$85,000 | \$0 | \$85,000 | |
| Total for Togo | | | \$85,000 | | \$85,000 | |
| TONGA | | | | | | |
| 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 Tonga | | | \$30,000 | \$3,900 | \$33,900 | |

List of projects and activities recommended for blanket approval

UNEP/OzL.Pro/ExCom/82/31
Annex I

| Project Title | Agency | ODP (tonnes) | Funds recommended (US\$) | | | C.E. (US\$/kg) |
|---|--------|-----------------|--------------------------|----------------|-----------------|-------------------|
| | | | Project | Support | Total | |
| TRINIDAD AND TOBAGO | | | | | | |
| PHASE-OUT PLAN | | | | | | |
| HCFC phase out plan | | | | | | |
| Preparation of a HCFC phase-out management plan (stage II) | UNDP | | \$60,000 | \$4,200 | \$64,200 | |
| Total for Trinidad and Tobago | | | \$60,000 | \$4,200 | \$64,200 | |
| TURKMENISTAN | | | | | | |
| PHASE-OUT PLAN | | | | | | |
| HCFC phase out plan | | | | | | |
| Preparation of a HCFC phase-out management plan (stage II) | UNIDO | | \$30,000 | \$2,100 | \$32,100 | |
| 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 Turkmenistan | | | \$60,000 | \$4,800 | \$64,800 | |
| TUVALU | | | | | | |
| SEVERAL | | | | | | |
| Ozone unit support | | | | | | |
| Extension of the institutional strengthening project (phase VII: 4/2019-3/2021) | UNEP | | \$85,000 | \$0 | \$85,000 | |
| Total for Tuvalu | | | \$85,000 | | \$85,000 | |
| UGANDA | | | | | | |
| PHASE-OUT PLAN | | | | | | |
| HCFC phase out plan | | | | | | |
| Preparation of a HCFC phase-out management plan (stage II) | UNEP | | \$20,000 | \$2,600 | \$22,600 | |
| Preparation of a HCFC phase-out management plan (stage II) | UNIDO | | \$10,000 | \$700 | \$10,700 | |
| 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> | | | | | | |

List of projects and activities recommended for blanket approval

UNEP/OzL.Pro/ExCom/82/31
Annex I

| Project Title | Agency | ODP (tonnes) | Funds recommended (US\$) | | | C.E. (US\$/kg) |
|--|----------------------------|-----------------|--------------------------|-----------------|------------------|-------------------|
| | | | Project | Support | Total | |
| SEVERAL | | | | | | |
| Ozone unit support | | | | | | |
| Extension of the Institutional strengthening project (phase III: 1/2019-12/2020) | UNEP | | \$85,000 | \$0 | \$85,000 | |
| | Total for Uganda | | \$145,000 | \$7,200 | \$152,200 | |
| URUGUAY | | | | | | |
| PHASE-OUT PLAN | | | | | | |
| HCFC phase out plan | | | | | | |
| HCFC phase-out management plan (stage II, second tranche) (foam sector) | UNDP | 4.7 | \$422,889 | \$29,602 | \$452,491 | |
| <i>Approved on the understanding that end-users participating in the pilot projects to demonstrate low-GWP alternatives in supermarkets and the food industry would provide co-financing; and that UNDP would report on the progress in implementation of the conversion of the foam enterprises and the availability of HFO/HFO-based polyurethane systems and their associated components to the 84th meeting.</i> | | | | | | |
| HCFC phase-out management plan (stage II, second tranche) (refrigeration servicing sector and implementation and monitoring) | UNDP | | \$257,000 | \$17,990 | \$274,990 | |
| <i>Approved on the understanding that end-users participating in the pilot projects to demonstrate low-GWP alternatives in supermarkets and the food industry would provide co-financing; and that UNDP would report on the progress in implementation of the conversion of the foam enterprises and the availability of HFO/HFO-based polyurethane systems and their associated components to the 84th meeting.</i> | | | | | | |
| | Total for Uruguay | 4.7 | \$679,889 | \$47,592 | \$727,481 | |
| VENEZUELA | | | | | | |
| SEVERAL | | | | | | |
| Ozone unit support | | | | | | |
| Renewal of institutional strengthening project (phase XIV: 1/2019-12/2020) | UNDP | | \$365,414 | \$25,579 | \$390,993 | |
| | Total for Venezuela | | \$365,414 | \$25,579 | \$390,993 | |
| VIETNAM | | | | | | |
| SEVERAL | | | | | | |
| Ozone unit support | | | | | | |
| Extension of the institutional strengthening project (phase XII: 7/2019-6/2021) | UNEP | | \$152,289 | \$0 | \$152,289 | |
| | Total for Vietnam | | \$152,289 | | \$152,289 | |

List of projects and activities recommended for blanket approval

UNEP/OzL.Pro/ExCom/82/31
Annex I

| Project Title | Agency | ODP (tonnes) | Funds recommended (US\$) | | | C.E. (US\$/kg) |
|---|--------|-------------------------|--------------------------|---------------------|------------------|---------------------|
| | | | Project | Support | Total | |
| ZAMBIA | | | | | | |
| 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 Zambia | \$30,000 | \$3,900 | \$33,900 | |
| | | GRAND TOTAL | 37.9 | \$12,515,245 | \$828,590 | \$13,343,835 |