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EXECUTIVE COMMITTEE OF THE MULTILATERAL FUND FOR THE IMPLEMENTATION OF THE MONTREAL PROTOCOL Eighty-seventh meeting Montreal, 25 June–2 July 2021¹

DRAFT REPORT OF THE EXECUTIVE COMMITTEE OF THE MULTILATERAL FUND FOR THE IMPLEMENTATION OF THE MONTREAL PROTOCOL TO THE THIRTY-THIRD MEETING OF THE PARTIES

Introduction

- 1. The present report covers the activities undertaken by the Executive Committee since the Thirty-Second Meeting of the Parties² and consists of three parts dealing with: policy matters; projects, their implementation and monitoring; and business planning, administrative and financial matters.
- 2. Owing to the coronavirus disease (COVID-19) pandemic, the business of the 85th, 86th [and 87th] meetings was conducted online by means of a combination of intersessional approval processes, using a password-protected forum, and formal online meetings, as follows:
 - (a) For the 85th meeting, the intersessional approval process was conducted from 21 May to 3 June 2020 and the formal online 85th meeting was held on 9 April 2021;
 - (b) For the 86th meeting, the intersessional approval process was conducted from 16 November to 3 December 2020, an extended intersessional approval process was conducted from 29 March to 7 May 2021 and the formal online meeting was held on 6, 9, 12 and 16 April 2021, with online contact group/sub-group meetings;
 - (c) [For the 87th meeting...]
- 3. The reports³ of the aforementioned meetings are available on the website of the Multilateral Fund (www.multilateralfund.org).

¹ Online meetings and an intersessional approval process will be held in June and July 2021 owing to the coronavirus disease (COVID-19).

² The terms of reference of the Executive Committee of the Multilateral Fund for the Implementation of the Montreal Protocol (UNEP/OzL.Pro.9/12, Annex V) require the Executive Committee to report annually to the Meeting of the Parties

³ UNEP/OzL.Pro/ExCom/85/67, UNEP/OzL.Pro/ExCom/86/100 and [UNEP/OzL.Pro/ExCom/87/??]

Attendance

- 4. The intersessional approval processes for the 85th and 86th meetings were conducted by the following members of the Executive Committee for 2020:⁴
 - (a) Parties not operating under paragraph 1 of Article 5 of the Protocol (non-Article 5 Parties): Australia, Belgium (Vice-Chair: Mr. Alain Wilmart), the Czech Republic, Japan, Switzerland, the United Kingdom of Great Britain and Northern Ireland and the United States of America; and
 - (b) Parties operating under paragraph 1 of Article 5 of the Protocol (Article 5 Parties): Bahrain, Bangladesh, Chile, Djibouti, India, Rwanda (Chair: Ms. Juliet Kabera) and Suriname.
- 5. The formal online 85th meeting, the business of the extended intersessional approval process for the 86th meeting, the formal online 86th meeting, the intersessional approval process for the 87th meeting and the formal online 87th meeting was conducted by the following members of the Executive Committee for 2021:⁵
 - (a) Non-Article 5 Parties: Australia, Belgium (Chair: Mr. Wilmart), Czechia, Japan, Switzerland, the United Kingdom and the United States; and
 - (b) Article 5 Parties: Armenia, Bahrain (Vice-Chair: Mr. Hassan Mubarak), China, Djibouti, Paraguay, Suriname and Zimbabwe.
- 6. In accordance with the decisions taken by the Executive Committee at its Second and Eighth meetings:
 - (a) Representatives of the United Nations Development Programme (UNDP), 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 participated in all elements of the 85th, 86th [and 87th] meetings as observers;
 - (b) Representatives of the Ozone Secretariat participated in all elements of the 85th, 86th [and 87th] meetings as an observer;
 - (c) Members of the task force on the replenishment of the Multilateral Fund of the Technology and Economic Assessment Panel attended the formal online 85th, 86th [and 87th] meetings as observers;
 - (d) Representatives of the Alliance for Responsible Atmospheric Policy, the Environmental Investigation Agency, the Institute for Governance and Sustainable Development and the Private Sector Commission for Studies on Sustainable Development of Mexico also attended the formal online 85th, 86th [and 87th] meetings as observers.

I. POLICY MATTERS

7. Part I on policy matters contains the following sections: policy matters related to HCFCs; policy matters related to global emissions of CFC-11; and policy matters related to the Kigali Amendment.

⁴ In accordance with decision XXXI/14 of the Thirty-First Meeting of the Parties.

⁵ In accordance with decision XXXII/9 of the Thirty-Second Meeting of the Parties.

(i) Policy matters related to HCFCs

8. The implementation of HCFC phase-out management plans (HPMPs) and an HCFC production phase-out management plan (HPPMP) continued to be a main focus of the work during the period under review. With the approval of stage I of the HPMP for the Syrian Arab Republic (decision 86/63), the Executive Committee had approved an HPMP for every Article 5 Party to the Montreal Protocol. The full list of the approved HPMPs and HPPMP is contained in Annex I to the present report.

Servicing tail in the context of an HPMP for the total phase-out of HCFCs

9. Following initial consideration of the matter at the 85th meeting,⁶ at the 86th meeting⁷ the Executive Committee decided that, to allow forconsideration of the final tranches of HPMPs, the Government of any low-volume-consuming (LVC) country requesting funding for the complete phase-out of HCFCs should submit a detailed description of the regulatory and policy framework in place to implement measures to ensure that HCFC consumption was in compliance with paragraph 8 ter(e)(i) of Article 5 of the Montreal Protocol for the period 2030–2040, along with the expected annual HCFC consumption in the country for that period. To allow for the same, the Government of any non-LVC country requesting funding for the complete phase-out of HCFCs, should also submit a detailed description of the regulatory and policy framework above mentioned, along with proposed modifications to its Agreement with the Executive Committee covering the period beyond 2030 if the country were intending to have consumption during the period 2030–2040 (decision 86/51).

Deadline for submission of projects (decisions 81/30(c)(ii) and 84/52)

10. At its 81st meeting, the Executive Committee had adopted new deadlines for submissions of project proposals and projects with specific reporting requirements by bilateral and implementing agencies and noted that new submission deadlines would be reviewed at its last meeting in 2019. At the 84th meeting, it had been decided that the submission deadlines would be reviewed at its 86th meeting, instead of at that meeting, on the basis of analysis, to be prepared by the Secretariat in consultation with the bilateral and implementing agencies, of how the revised submission deadlines had been applied and whether they had affected project submissions. Given the restrictions and limitations imposed by the COVID-19 pandemic, however, the additional experience gained in the application of the revised deadlines during the 85th and 86th meetings could not be classed as typical and consultations with the agencies were rendered more difficult as the interagency coordination meeting for the 86th meeting could not take place. The Executive Committee therefore decided to review the submission deadlines or project proposals and projects with specific reporting requirements at a future meeting (decision 86/52).

Sub-group on the Production Sector

- 11. During the reporting period, the Sub-group on the Production Sector met virtually several times: the Sub-group for 2020 met once in December 2020 and the Sub-group for 2021 met twice in March 2021, producing a report for the 86th meeting that covered all three meetings.⁸ [The Sub-group for 2021 then met... producing a report for the 87th meeting.]
- 12. In producing its recommendations for the 86th meeting, the Sub-group focused its discussion on matters related to the phase-out of HCFC production in China and a request for authorization to carry out a technical audit of the HCFC production facility, Hindustan Fluorocarbons Limited in India. The Executive Committee noted the progress report on implementation of activities in the HCFC production sector in China funded by the US \$23 million approved in decision 81/71(b); the implementation plan for the period

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⁶ Paragraphs 29 to 34 of document UNEP/OzL.Pro/ExCom/85/13

⁷ Paragraphs 28 to 33 of document UNEP/OzL.Pro/ExCom/86/31

⁸ UNEP/OzL.Pro/ExCom/86/98

2020–2022; and the submission of stage II of the HPPMP for the country. It approved, in principle, stage II of the HPPMP for China for the period 2018–2026 to reduce HCFC production for controlled uses by 67.5 per cent and 71.5 per cent of the baseline, by 2025 and 2026, respectively, in the amount of US \$70,752,000, including the sum of US \$23,000,000 already approved in decision 81/71(b). The Committee also noted that US \$45,143 of cumulative interest accrued during stage I and stage II of the HPPMP between 2015 and 2019 would be deducted from the second tranche of stage II of the HPPMP, when approved. The Committee further noted that the World Bank would undertake the 2019 and 2020 HCFC production verification under stage II of the HPPMP in 2021 and would submit a report thereon to the Executive Committee at its last meeting of 2021. As part of that exercise, the Committee requested the World Bank to verify, on a one-off basis, a number of specific elements (decision 86/99).

- 13. In relation to verification, the Committee noted that the World Bank had not yet been able to undertake the updated 2018 verification of the HCFC production sector in China, requested by decision 84/93(b), owing to COVID-19 pandemic and that it would do so as part of the aforementioned 2019 and 2020 verification of the HCFC production sector in China (decision 86/98).
- 14. The Sub-group was unable to reach consensus on approval of the draft Agreement for stage II of the HPPMP for China or on the recommendations by the Secretariat related to the investigation of HCFC feedstock applications in China. Furthermore, owing to a lack of time, it was unable to discuss the draft HCFC production sector guidelines or the draft guidelines and the standard format used for the verification of ODS production phase-out. The Executive Committee therefore decided to defer further consideration of the draft Agreement for stage II of the HPPMP to the 87th meeting and to defer consideration of all the other matters to a future meeting (decisions 86/97 to 86/101).
- 15. The Sub-group was also unable to reach agreement on approval of the request for authorization to carry out a technical audit of the HCFC production sector in India. The Executive Committee therefore noted the submission of preliminary data and of the request (decision 86/102).
- 16. [In producing its recommendations for the 87th meeting, the Sub-group...]

(ii) Policy matters related to global emissions of CFC-11

- 17. At the 81st meeting, one Committee member, under the agenda item "Other matters", had expressed concern at the unexpected and persistent increase in global emissions of CFC-11, as described in a scientific study published in the journal *Nature* on 16 May 2018, despite the reported elimination of CFC-11 production under the Montreal Protocol. The Executive Committee had therefore requested the Secretariat to provide relevant information, as necessary, to the Ozone Secretariat, in accordance with the guidelines, procedures, policies and decisions of the Multilateral Fund and the Montreal Protocol (decision 81/72).
- 18. The Executive Committee had considered the matter of the increase in the global emissions of CFC-11 again at its 82nd meeting¹⁰ (decision 82/86) and its 83rd meeting,¹¹ where the matter had been discussed in depth when the Committee considered a series of reports on projects with specific reporting requirements including in relation to monitoring, reporting, verification and enforcement systems in China.¹² The Executive Committee had welcomed a number of actions to be undertaken by the Government of China and had noted that the Government would consider a number of suggestions intended to supplement and augment its regulatory and enforcement actions. The Government of China had undertaken to report to the Executive Committee, at the 84th meeting and again at the 86th meeting, on its progress in implementing the aforementioned activities. The Committee had also decided that, at the 84th meeting, it would consider possible forms of remedy in relation to illegal production and/or consumption of CFC-11

⁹ UNEP/OzL.Pro/ExCom/86/SGP/7

¹⁰ UNEP/OzL.Pro/ExCom/82/70

¹¹ UNEP/OzL.Pro/ExCom/83/38

¹² UNEP/OzL.Pro/ExCom/83/11/Add.1 and Add.2

in China after 2008 (decision 83/41). At the 84th meeting, the Government of China had submitted a preliminary report, pursuant to decision 83/41(e), ahead of the final report due at the 86th meeting. The Committee had held another in-depth discussion, before taking note of the information provided.

- Given the constraints imposed by the COVID-19 pandemic, at the 86th meeting, the Executive 19. Committee deferred to a future meeting consideration of the report on progress in the implementation of activities listed in decision 83/41¹³ and a study to determine the regulatory, enforcement, policy or market circumstances that might have led to the illegal production and use of CFC-11 and CFC-12.14
- [At the 87th meeting...] 20.

(iii) Policy matters related to the Kigali Amendment

- Pursuant to the adoption of the Kigali Amendment and related decision XXVIII/2, the Executive 21. Committee, at its 77th meeting, had discussed issues arising from the Amendment that were relevant to the Executive Committee. 15 Those discussions had led to the decision to hold a special four-day meeting, the 78th meeting, to address matters arising from decision XXVIII/2. The discussions continued at all subsequent meetings.
- 22. In response to paragraphs 10 and 11 of decision XXVIII/2, whereby the Parties requested the Executive Committee to develop, within two years of adoption of the Kigali Amendment, guidelines for the phase-down of HFC production and consumption and to report thereon, a comprehensive progress report had been submitted to the Thirtieth Meeting of the Parties and accompanied by a presentation given by the 2018 Chair of the Executive Committee and the Chief Officer. In response, the Parties had requested the Executive Committee to continue its work to develop the guidelines and to provide an update on progress on the elements as part of its annual report to the Meeting of the Parties.¹⁶
- 23. The following section of the present report outlines the status of the discussions on the following matters related to the Kigali Amendment:
 - Additional contributions to the Multilateral Fund
 - Enabling activities and institutional strengthening
 - Draft cost guidelines for funding the phase-down of HFCs
 - Draft guidelines for funding of the preparation of HFC phase-down plans
 - Key aspects related to HFC-23 by-product-control technologies
 - Parallel or integrated implementation of HCFC phase-out and HFC phase-down activities
 - Potential delays in the implementation of time-sensitive HFC-related activities
- A list of documents considered and the decisions taken by the Executive Committee can be found in Annex II to the present report.

Additional contributions to the Multilateral Fund

At its 77th meeting, the Executive Committee had accepted, with appreciation, the additional 25. contributions to the Multilateral Fund announced by 17 non-Article 5 parties 17 to provide fast-start support for implementation of the Kigali Amendment, noting that such funding was one-time in nature and would

¹³ UNEP/OzL.Pro/ExCom/86/21/Add.1 and Corr.1, part IV

¹⁴ UNEP/OzL.Pro/ExCom/86/21/Add.1 and Corr.1, part V

¹⁵ UNEP/OzL.Pro/ExCom/77/70/Rev.1

¹⁶ Decision XXX/4

¹⁷ Australia, Canada, Denmark, Finland, France, Germany, Ireland, Italy, Japan, Luxembourg, Netherlands, New Zealand, Norway, Sweden, Switzerland, the United Kingdom of Great Britain and Northern Ireland and the United States of America.

not replace donor contributions. At the 81st meeting, the Executive Committee had decided that requests for enabling activities for Article 5 group 1 countries would be funded from the balance of the additional voluntary contributions and that any balances from the additional voluntary contributions remaining after funding enabling activities could be used to fund stand-alone HFC-related investment projects. At the 82nd meeting, the Treasurer had reported¹⁸ that all 17 non-Article 5 countries had paid their additional voluntary contributions to the Fund, totalling US \$25,513,071. Additional income of US \$253,304 had been received as interest accrued on the additional contributions, resulting in a total amount of US \$25,766,375 for programming.

- 26. Between the 79^{th} and the 83^{rd} meetings, the Executive Committee had approved funding for bilateral and implementing agencies amounting to US \$25,670,680, 19 consisting of US \$16,247,950 for enabling activities in 116 countries; US \$321,000 for preparation of investment projects in eightcountries; US \$9,101,730 for investment projects to phase out 775.37 metric tonnes (1,108,442 CO₂-equivalent tonnes) of HFCs in six Article 5 countries; plus up to US \$100,000 for an evaluation of cost-effective and environmentally sustainable options for the destruction of HFC-23 from HCFC-22 production facilities. At the 83^{rd} meeting, the Treasurer reported that US \$18,003 in savings from the funding for the evaluation had been returned to the Fund.
- 27. Noting the report of the Treasurer on the status of those additional contributions and availability of resources at the 83rd meeting, ²⁰ the Executive Committee had decided to request the Treasurer, to submit to the 84th meeting, as part of the 2018 accounts of the Multilateral Fund, a certified statement of income and disbursements of the additional contributions for fast-start support for the implementation of HFC phase-down separately from the regular contributions to the Fund and to consider at the 84th meeting how to use any remaining balances, taking into consideration that consultations on the issue due to take place prior to that meeting between the Chief Officer and the 17 donor countries that had paid additional contributions to the Multilateral Fund (decision 83/4).
- 28. At the 84th meeting, the Executive Committee, noting the report of the Treasurer on the status of additional contributions to the Multilateral Fund and availability of resources²¹, had requested the Treasurer to add to the regular contributions to the Multilateral Fund, as additional income, the balance of US \$13,698 remaining from the additional contributions and any funding balances, from the additional contributions, from completed projects and projects completed "by decision of the Executive Committee" that had been returned at the 84th meeting, or that would be returned at future meetings. The Committee had agreed that, as of the 85th meeting, the status of the additional contributions to the Multilateral Fund would no longer be reported to the Executive Committee separately from the regular contributions to the Fund (decision 84/3).
- Also at the 84th meeting, the Executive Committee had requested the Secretariat to submit, at the 85th meeting, an additional report on the HFC-related investment projects and enabling activities funded using the additional contributions, identifying the countries for which the projects had been approved and providing an overview of the objectives, status of implementation, key findings and lessons learned, the amounts of HFC phased out where applicable, the level of funds approved and disbursed and potential challenges in completing the projects and activities, on the understanding that the information would be provided on an individual basis for the HFC-related investment projects and on an aggregated basis for the HFC enabling activities (decision 84/12(b)). The Committee had also requested the Secretariat and the bilateral and implementing agencies to include such information in all future consolidated progress reports and individual progress reports, respectively, until all the HFC-related investment projects and enabling

¹⁸ UNEP/OzL.Pro/ExCom/82/5

¹⁹ Since its 80th meeting, the Executive Committee has approved US \$?? for HFC-related activities including US \$?? from additional voluntary contributions and US \$?? from regular contributions, consisting of: US \$?? for enabling activities in ?? countries; US \$?? for preparation of investment projects in ?? countries; and US \$?? for investment projects to phase out ?? metric tonnes (?? CO₂-equivalent tonnes) in ?? countries.

²⁰ UNEP/OzL.Pro/ExCom/83/5

²¹UNEP/OzL.Pro/ExCom/84/5

activities had been completed (decision 84/12(c)). At the 85th meeting, the Executive Committee took note of information on HFC-related investment projects and enabling activities, submitted by bilateral and implementing agencies in line with decision 84/12(b).²²

Enabling activities-and institutional strengthening

- 30. In considering paragraph 20 of decision XXVIII/2 on funding for enabling activities in relation to HFC phase-down at its 79th meeting, the Executive Committee had decided on the principles for the submission of requests for funding for enabling activities and on the maximum permissible funding level for such activities including several requirements. The Executive Committee had also decided that funding for the preparation of national implementation plans to meet initial reduction obligations for the phase-down of HFCs could be provided, at the earliest, five years prior to those obligations once a country had ratified the Kigali Amendment and on the basis of guidelines to be approved (decision 79/46). With regard to project implementation period, the Committee had later decided that the original 18-month period would be maintained but, if needed, could be extended by up to 12 months (totalling 30 months from project approval) if an official request for extension were received by the Secretariat. Bilateral and implementing agencies had been requested to submit a final report of the enabling activities within six months of the project completion date, highlighting lessons learned about how the fast-start activities supported early action on implementing the Kigali Amendment (decision 81/32).
- 31. During the reporting period, enabling activities for HFC phase-down, which were included in the lists of projects for blanket approval, were approved for four countries at the 85th meeting (decision 85/22).
- 32. By the 87th meeting, the Executive Committee had approved a total of US \$?? for enabling activities in ?? Article 5 countries, funded from both the additional voluntary contributions and from the regular contributions.
- 33. With regard to institutional strengthening, in considering paragraph 21 of decision XXVIII/2 at its 78th meeting, the Executive Committee had decided to consider increasing funding for institutional strengthening at a future meeting (decision 78/4).
- 34. At its 86th meeting, the Executive Committee deferred consideration of the review of institutional strengthening projects, including funding levels (decision 74/51(d)),²³ to the 87th meeting.
- 35. [At the 87th meeting...]

Draft cost guidelines for funding the phase-down of HFCs

- 36. At its 78th meeting,²⁴ 79th meeting,²⁵ 80th meeting,²⁶ and 81st meeting,²⁷ the Executive Committee had discussed the development of cost guidelines for funding the phase-down of HFCs, deciding to include therein text related to the following elements of decision XXVIII/2, which were relevant to the work of the Executive Committee:
 - Flexibility in implementation that enabled parties to select their own strategies and priorities in sectors and technologies, in line with paragraph 13 of decision XXVIII/2
 - Cut-off dates for eligible capacity, in line with paragraph 17
 - Second and third conversions, in line with paragraph 18

²² UNEP/OzL.Pro/ExCom/85/9, section V

²³ UNEP/OzL.Pro/ExCom/86/84

²⁴ UNEP/OzL.Pro/ExCom/78/5 and Corr.1

²⁵ UNEP/OzL.Pro/ExCom/79/46, pursuant to decision 78/3

²⁶ UNEP/OzL.Pro/ExCom/80/55, pursuant to decision 79/44

²⁷ UNEP/OzL.Pro/ExCom/81/53, pursuant to decision 80/76

- Sustained aggregate reductions, in line with paragraph 19
- Categories of eligible incremental cost for the consumption manufacturing sector as per sub-paragraph 15(a)
- Categories of eligible incremental cost for the production sector as per sub-paragraph 15(b)
- Categories of eligible incremental cost for the refrigeration servicing sector as per sub-paragraph 15(c)
- Eligibility of Annex F substances subject to high-ambient-temperature exemptions, in line with paragraph 35
- 37. At the 82nd meeting, the Executive Committee had continued its deliberations.²⁸ It had also considered and taken note of a preliminary information document²⁹ containing key considerations for developing a methodology for establishing the starting point for sustained aggregate reductions. The Committee also decided that, during the development of the cost guidelines, it would consider how an enterprise's interim use of technology with high global-warming potential (GWP), as opposed to the approved low-GWP technology, should be treated in relation to a country's starting point for sustained aggregate reductions in HFC consumption (decision 82/55).
- After further deliberations on the development of the cost guidelines at the 83rd meeting,³⁰ the 38. Executive Committee pursued its discussions at the 84th meeting. 31 With regard to eligible incremental costs for the consumption manufacturing sector, it had requested the Secretariat to prepare, for the 86th meeting, a document providing analysis of and information, including aggregated information, in tabular form, on the incremental capital costs and incremental operating costs and their duration, and the cost-effectiveness of all approved investment projects in the relevant manufacturing sectors and sub-sectors, including the controlled substances that had been phased out and the alternative substances that had been phased in. With regard to disposal, the Committee had requested the Secretariat to prepare for the 85th meeting a synthesis report describing best practices and ways for the Executive Committee to consider operationalizing paragraph 24 of decision XXVIII/2, taking into account the final report on the evaluation of the pilot demonstration projects on ODS disposal and destruction;³² the synthesis report on pilot ODS disposal projects;³³ other relevant projects implemented in HCFC phase-out management plans; lessons learned from existing infrastructure and policies that could be used to establish the cost-effective management of stockpiles of used or unwanted controlled substances; and external funding opportunities and existing disposal programmes and partnerships (decision 84/87).
- 39. Subsequently, the Executive Committee deferred to the 87th meeting consideration of the development of the cost guidelines for the phase-down of HFCs in Article 5 countries,³⁴ the analysis of and information on the incremental costs and their duration and the cost-effectiveness of all approved investment projects in the relevant manufacturing sectors and sub-sectors³⁵ and the synthesis report describing best practices and ways for the Executive Committee to consider operationalizing paragraph 24 of decision XXVIII/2.³⁶
- 40. [At the 87th meeting...]

²⁸ UNEP/OzL.Pro/ExCom/82/67 and Add.1 and UNEP/OzL.Pro/ExCom/82/65 and Add.1

²⁹ UNEP/OzL.Pro/ExCom/82/66

³⁰ UNEP/OzL.Pro/ExCom/83/43

³¹ UNEP/OzL.Pro/ExCom/84/66

³² UNEP/OzL.Pro/ExCom/84/11

³³ UNEP/OzL.Pro/ExCom/82/21

³⁴ UNEP/OzL.Pro/ExCom/86/86

³⁵ UNEP/OzL.Pro/ExCom/86/91

³⁶ UNEP/OzL.Pro/ExCom/86/90

Energy efficiency while phasing down HFCs

- 41. Focusing on the document summarizing the parties' deliberations at the 40th Meeting of the Open-Ended Working Group and the Thirtieth Meeting of the Parties in relation to the report by the Technology and Economic Assessment Panel on issues related to energy efficiency, ³⁷ at the 82nd meeting, the Executive Committee had decided to provide flexibility for Article 5 parties engaged in enabling activities in relation to implementation of the Kigali Amendment, should they so wish, to undertake a number of activities using the funding already approved. Those activities comprised: development and enforcement of policies and regulations to avoid market penetration of energy-inefficient refrigeration, air-conditioning and heat-pump equipment; promotion of access to energy-efficient technologies in those sectors; and targeted training on certification, safety and standards, awareness-raising and capacity-building aimed at maintaining and enhancing the energy efficiency (decision 82/83). At the same meeting, one non-Article 5 country had offered³⁸ to make another additional voluntary contribution to the Multilateral Fund to be used in demonstrating how to operationalize decision XXX/5. After extensive discussion, the Executive Committee had taken note of the offer.
- 42. At the 83rd meeting, the Executive Committee had considered three documents on energy efficiency requested at the 82nd meeting: a paper on ways to operationalize paragraph 16 of decision XXVIII/2 and paragraph 2 of decision XXX/5 of the Parties,³⁹ a paper on information on relevant funds and financial institutions mobilizing resources for energy efficiency that may be utilized when phasing down HFCs⁴⁰ and a summary of the report by the Technology and Economic Assessment Panel on matters related to energy efficiency with regard to the issues identified in decision 82/83(e).⁴¹ Substantial discussions had taken place in plenary on all three matters, and a contact group had been set up to consider them further. Within the allotted time, the contact group was only able to discuss ways to operationalize paragraph 16 of decision XXVIII/2 and paragraph 2 of decision XXX/5. The Executive Committee had therefore decided to continue discussing that matter at its 84th meeting on the basis of a text provided by the Secretariat, upon request of the contact group, to aid the group in its deliberations, and to defer to the 84th meeting consideration of the issues raised by the other two documents.
- 43. At the 84th meeting, the Executive Committee had reconstituted the contact group on energy efficiency formed at the 83rd meeting. Following discussions in the contact group, the Executive Committee had noted the information on relevant funds and financial institutions mobilizing resources for energy efficiency that might be utilized when phasing down HFCs⁴² and requested the Secretariat to prepare, in consultation with implementing agencies, a document for the 85th meeting that could provide a framework for consultations with relevant funds and financial institutions to explore, at both the governing and operational levels, the mobilization of financial resources, additional to those provided by the Multilateral Fund, for maintaining or enhancing energy efficiency when replacing HFCs with low-GWP refrigerants in the refrigeration and air-conditioning sector. The Secretariat has also been requested to continue the informal exchange of information with relevant funds and financial institutions, including for the preparation of that document (decision 84/89). The Committee had taken note of the updated summary of the report by the Technology and Economic Assessment Panel on matters related to energy efficiency with regard to the issues identified in decision 82/83(e),⁴³ with the understanding that the Secretariat would not be required to update the summary further, and decided to continue discussing ways to operationalize

³⁷ UNEP/OzL.Pro/ExCom/82/65 and Add.1

³⁸ UNEP/OzL.Pro/ExCom/82/Inf.3

³⁹ UNEP/OzL.Pro/ExCom/83/40

⁴⁰ UNEP/OzL.Pro/ExCom/83/41

⁴¹ UNEP/OzL.Pro/ExCom/83/42

⁴² UNEP/OzL.Pro/ExCom/84/68

⁴³ UNEP/OzL.Pro/ExCom/84/69

paragraph 16 of decision XXVIII/2 and paragraph 2 of decision XXX/5 of the Parties⁴⁴ at its 85th meeting (decision 84/88).

- 44. At the 86th meeting, the reconstituted contact group considered the document produced by the Secretariat on a framework for consultations with relevant funds and financial institutions to explore the mobilization of additional financial resources for maintaining or enhancing energy efficiency when replacing HFCs with low-GWP refrigerants in the refrigeration and air conditioning sector⁴⁵ (decision 84/89). Following its discussions, the Executive Committee decided to continue, at its 87th meeting, consideration of the framework on the basis of the working document produced by the contact group at the 86th meeting (decision 86/94).
- 45. Also at the 86th meeting, the Executive Committee deferred consideration of the paper on ways to operationalize paragraph 16 of decision XXVIII/2 and paragraph 2 of decision XXX/5 of the Parties⁴⁶ to the 87th meeting.
- 46. [At the 87th meeting...]

Ongoing activities with regard to the consumption manufacturing sector

- 47. With regard to the eligible incremental costs for the consumption manufacturing sector, further to agreeing on the categories of eligible incremental costs proposed in decision XXVIII/2, the Executive Committee had discussed cost-effectiveness thresholds and had considered that additional information was required to enable it to reach a decision on eligible incremental costs and that it was necessary to gain experience in the incremental capital costs and incremental operating costs associated with phasing down HFCs. It had therefore agreed, in decisions 78/3 and 79/45, to consider, up to the 84th meeting, 47 approving a limited number of stand-alone HFC investment projects fulfilling certain prerequisites, to be considered on a case-by-case basis in terms of technology maturity, replicability and geographic distribution. It had agreed that relevant project completion reports should include detailed information on the eligible incremental costs, any possible savings incurred and relevant factors that facilitated their implementation.
- 48. At the 84th meeting, the Executive Committee had decided that it would consider proposals for HFC-related stand-alone investment projects up to the 87th meeting, in accordance with the criteria set out in decisions 78/3(g), 79/45 and 81/53, and prioritizing projects in the stationary air-conditioning, commercial refrigeration and mobile air-conditioning sectors (decision 84/53).
- 49. By the 87th meeting, the Executive Committee had approved a total of US \$?? for ?? HFC-related investment projects to phase out ?? metric tonnes (?? CO₂-equivalent tonnes) in ?? Article 5 countries, funded from both the additional voluntary contributions and from the regular contributions.

Ongoing activities with regard to the refrigeration servicing sector

50. With regard to the refrigeration servicing sector, further to agreeing on the categories of eligible incremental cost proposed in decision XXVIII/2, and pursuant to sub-paragraph 15(c) and paragraph 16 of decision XXVIII/2, at its 80th meeting the Executive Committee had requested the Secretariat to prepare, in cooperation with bilateral and implementing agencies, a preliminary document on all aspects relating to the sector that supported HFC phase-down, for submission to the 82nd meeting.⁴⁸

⁴⁴ UNEP/OzL.Pro/ExCom/84/67

⁴⁵ UNEP/OzL.Pro/ExCom/86/93

⁴⁶ UNEP/OzL.Pro/ExCom/86/92

⁴⁷ Decision 81/53

⁴⁸ Decision 80/76

- 51. At the 82nd meeting, the Executive Committee had considered such a document⁴⁹ and, before taking note of that document, discussed a number of the issues therein, including energy efficiency in the refrigeration servicing sector; synergies between HCFC phase-out and HFC phase-down activities in the refrigeration servicing sector; national institutions and their level of ownership, including in relation to the training of technicians; and market penetration of low-GWP alternative technologies.
- 52. During its discussions on the cost guidelines at the 83rd meeting, the Committee had requested the Secretariat to prepare, for the 85th meeting, a document analysing the level and modalities of funding for HFC phase-down in the refrigeration servicing sector, in light of the information provided in the document from the 82nd meeting and guidance provided by the Executive Committee, including the flexibility that Article 5 countries had in implementing their servicing sector activities in line with their national circumstances and the planned and ongoing activities in their HPMPs (decision 83/65). At the 86th meeting, the Executive Committee deferred consideration of that document⁵⁰ to the 87th meeting.

53. [At the 87th meeting...]

Draft guidelines for funding of the preparation of HFC phase-down plans

- At the 84th meeting, the Executive Committee had discussed the possibility of finding a way to fund the preparation of HFC phase-down plans pending the finalization of the cost guidelines for the HFC phase-down. It had decided to request the Secretariat to prepare, for the 85th meeting, draft guidelines for the preparation of HFC phase-down plans for Article 5 countries that would include an overarching strategy and a stage I to meet the freeze in consumption and the 10 per cent reduction, taking into account lessons learned during the preparation of guidelines for project preparation for HPMPs, including the sectors, as defined in decision 56/16. This had been on the understanding that the draft guidelines would address the need for policies and commitments on the part of Article 5 Parties to ensure limits on growth or reductions in HFC consumption that were sustained over time; that they would include the proposed levels of funding for the preparation of stage I of HFC phase-down plans; and that requests for funding for the preparation of stage I of HFC phase-down plans would be considered once the draft guidelines had been agreed by the Executive Committee.
- 55. The Secretariat had also been requested to prepare a document discussing potential strategies, policy measures and commitments, as well as projects and activities that could be integrated within stage I of HFC phase-down plans for Article 5 countries to ensure limits on growth and reductions in HFC consumption that were sustained over time, taking into account the parallel or integrated implementation of HCFC phase-down activities, where appropriate (decision 84/54) (see *Parallel or integrated implementation of HCFC phase-out and HFC phase-down activities*, below).
- 56. At the 86th meeting, the Executive Committee considered the draft guidelines for the preparation of HFC phase-down plans for Article 5 countries,⁵¹ but consideration of the document discussing potential strategies, policy measures and commitments, as well as projects and activities that could be integrated within stage I of HFC phase-down plans for Article 5 countries⁵² was deferred to the 87th meeting. The Executive Committee decided to continue consideration of the draft guidelines for the preparation of HFC phase-down plans for Article 5 countries at its 87th meeting, on the basis of the working document produced by the contact group formed at the 86th meeting (decision 86/93). Pursuant to that decision consideration of all the requests for preparatory funding for HFC phase-down plans included in the work programme

⁴⁹ UNEP/OzL.Pro/ExCom/82/64

⁵⁰ UNEP/OzL.Pro/ExCom/86/89

⁵¹ UNEP/OzL.Pro/ExCom/86/88

⁵² UNEP/OzL.Pro/ExCom/86/87

amendments of UNDP,⁵³ UNEP,⁵⁴ UNIDO⁵⁵ and the World Bank⁵⁶, and by the Government of Germany in the document on bilateral cooperation,⁵⁷ including proposals submitted to the 85th meeting and deferred to the 86th meeting, was also deferred to the 87th meeting (decisions 86/55 to 86/57, 86/59 and 86/60).

57. [At the 87th meeting...]

Key aspects related to HFC-23 by-product-control technologies

- 58. At its 78th meeting,⁵⁸ 79th meeting,⁵⁹ 80th meeting,⁶⁰ and 81st meeting,⁶¹ the Executive Committee had considered documents on the key aspects related to HFC-23 by-product-control technologies; and at its 82nd meeting, it had considered a document⁶² on cost-effective options for controlling HFC-23 by-product emissions and a report⁶³ on options for the control of HFC-23 by-product emissions in Argentina, both prepared pursuant to decision 81/68.
- 59. Noting the two documents, the Committee had approved US \$75,000 for UNIDO to enable the agency to submit, at the 83rd meeting, on behalf of the Government of Argentina, project proposal options that would enable the Government to comply with the HFC-23 by-product control obligations under the Kigali Amendment. The Committee was to consider each of the project proposal options and discuss the criteria for funding the activities related to the compliance obligations of Article 5 parties. In that respect, the Committee had requested the Secretariat to contract an independent consultant to undertake a technical audit of the HCFC-22 swing plant in Argentina to determine the cost of closing the plant (decision 82/85).
- 60. At the 83rd meeting, the Executive Committee had considered a document,⁶⁴ prepared pursuant to decision 82/85, that consisted of two parts: part I provided details of the proposal to control HFC-23 by-product in Argentina, along with a summary of the technical audit carried out by the independent consultant and the related Secretariat's comments; and part II identified policy issues related to controls of HFC-23 by-product emissions in Article 5 parties for which the Secretariat was seeking the guidance of the Executive Committee. Noting the document, the Executive Committee had decided to defer to the 84th meeting further consideration of the project proposal to control HFC-23 by-product emissions in Argentina and the associated policy issues raised by the Secretariat (decision 83/66).
- 61. At the same meeting, the Executive Committee had also considered a request for project preparation for the control of HFC-23 by-product emissions in the HCFC production sector in Mexico that had been submitted as part of the work programme of UNIDO for 2019.⁶⁵ The Committee had approved US \$55,000 for UNIDO to enable the agency to submit, to the 84th meeting, on behalf of the Government of Mexico, project proposal options that would enable the Government to comply with the HFC-23 by-product control obligations under the Kigali Amendment. UNIDO had been requested to include, in its submission to the 84th meeting, information regarding the relationship between the country's control of HFC-23 by-product emissions and the nationally determined contributions of the Government of Mexico under the Paris Agreement. The Secretariat had been requested to prepare a document reviewing each of the project

⁵³ UNEP/OzL.Pro/ExCom/86/33 and Corr.1

⁵⁴ UNEP/OzL.Pro/ExCom/86/34

⁵⁵ UNEP/OzL.Pro/ExCom/86/35 and Corr.1

⁵⁶ Paragraphs 7 to 9 of document UNEP/OzL.Pro/ExCom/86/31

⁵⁷ UNEP/OzL.Pro/ExCom/86/32

⁵⁸ UNEP/OzL.Pro/ExCom/78/9 and Corr.1

⁵⁹ UNEP/OzL.Pro/ExCom/79/48, Corr.1, Corr.2 and Add.1, pursuant to decision 78/5

⁶⁰ UNEP/OzL.Pro/ExCom/80/56 and Add.1, pursuant to decision 79/47

⁶¹ UNEP/OzL.Pro/ExCom/81/54, pursuant to decision 80/77

⁶² UNEP/OzL.Pro/ExCom/82/68 and Corr.1

⁶³ UNEP/OzL.Pro/ExCom/82/69

⁶⁴ UNEP/OzL.Pro/ExCom/83/44

⁶⁵ UNEP/OzL.Pro/ExCom/83/19

proposal options submitted, for consideration at the 84th meeting. The Executive Committee had decided to discuss the criteria for funding the activities related to the compliance obligations of Article 5 countries with respect to HFC-23 by-production emission controls at the 84th meeting (decision 83/67).

- 62. At the 84th meeting, the Executive Committee had considered a three-part document⁶⁶ on policy issues arising in projects in Argentina and Mexico; policy issues arising in the project in Argentina; and policy issues arising in the project in Mexico, and individual documents on the projects in Argentina⁶⁷ and Mexico.⁶⁸
- 63. Following discussion in a contact group, the Executive Committee had deferred to the 85th meeting its consideration of the projects to control HFC-23 by-product emissions in Argentina and Mexico and had requested the Secretariat to provide further analysis of the project in Argentina, also at the 85th meeting, based on any additional information provided by the Government of Argentina through UNIDO (decisions 84/90 and 84/91). In line with the intersessional approval process established for that meeting, the Executive Committee decided to consider the two project proposals and related policy matters at its 86th meeting and to defer, to the 87th meeting, consideration of the other policy matters.
- After considering the proposal for Mexico⁶⁹ at the 86th meeting, the Executive Committee, noting a number of commitments made by the Government of Mexico, approved, in principle, US \$3,833,384, plus agency support costs, to enable the Government to comply with the HFC-23 by-product emission control obligations under the Kigali Amendment, along with the first tranche of the project to control and phase out HFC-23 by-product emissions at Quimobásicos, Mexico, and the corresponding 2021–2022 implementation plan. It requested the Secretariat, in cooperation with UNIDO, to prepare a draft Agreement between the Government of Mexico and the Executive Committee for consideration at the 87th meeting, in light of the guidance provided by the Executive Committee at the 86th meeting, and invited the Government of Mexico, after the completion of the project, to consider requesting additional funding, for independent verification of the HFC-23 by-product generated, destroyed, sold, stored and emitted, under the subsequent stage of its HPMP, until approval of the HFC phase-down plan for the country, at which time verification would continue under that plan (decision 86/96).
- 65. The Executive Committee decided to continue consideration of the project to control HFC-23 by-product emissions in Argentina⁷⁰ at the 87th meeting, noting the working document containing a draft decision on that project that had been considered by the contact group at the 86th meeting and that the Government of Argentina, through UNIDO, would submit a counterproposal for consideration at the 87th meeting (decision 86/95).
- 66. [At the 87th meeting...]

Parallel or integrated implementation of HCFC phase-out and HFC phase-down activities

67. At the 81st meeting, the Executive Committee had requested the Secretariat to submit to the 84th meeting analysis, conducted in consultation with the bilateral and implementing agencies, of the implications of parallel or integrated implementation of HCFC phase-out and HFC phase-down activities, taking into account, inter alia, resource availability and cost-effectiveness and the capacity of Fund institutions and Article 5 countries, especially national ozone units and programme management units. After considering that document⁷¹ at the 84th meeting, the Executive Committee had requested the Secretariat to prepare an update of the analysis for the 87th meeting and to take into account the opportunities for

⁶⁶ UNEP/OzL.Pro/ExCom/84/70

⁶⁷ UNEP/OzL.Pro/ExCom/84/71

⁶⁸ UNEP/OzL.Pro/ExCom/84/72

⁶⁹ UNEP/OzL.Pro/ExCom/86/96

⁷⁰ UNEP/OzL.Pro/ExCom/86/95

⁷¹ UNEP/OzL.Pro/ExCom/84/65

integrated implementation of the phase-out of HCFC and phase-down of HFCs in the refrigeration servicing sector when developing the document on analysis of the level and modalities of funding for the HFC phase-down in the refrigeration servicing sector requested by decision 83/65 (decision 84/86) (see *Ongoing activities with regard to the refrigeration servicing sector*, above).

68. [At the 87th meeting...]

Potential delay in the implementation of time-sensitive HFC-related activities

69. At the 85th, 86th [and 87th meetings] the Executive Committee advised bilateral and implementing agencies to continue assisting all Article 5 Parties in implementing the ongoing activities, irrespective of their completion dates, taking into account the constraints imposed by the COVID-19 pandemic, and to report back to the subsequent meeting on those specific activities that required an extension of their completion dates (decisions 85/20, 86/50 [and 87/??]).

II. PROJECTS, THEIR IMPLEMENTATION AND MONITORING

(i) Fund achievement since inception⁷²

70. By the 87th meeting, since 1991, ?? projects and activities (excluding cancelled and transferred projects) had been approved. The total amount of ODS to be eliminated through implementation of those projects amounted to ?? ODP tonnes, of which a total of ?? ODP tonnes had already been phased out (involving both consumption and production). The geographical and sectoral distribution of phase-out in all approved projects and activities and funds approved since inception is shown in the table below.

Description	Number of projects	Consumption ODP tonnes approved*	Consumption ODP tonnes phased out*	Production ODP tonnes approved*	Production ODP tonnes phased out*	Funds approved* (US \$)
Region						
Africa	To be completed	To be completed	To be completed	To be completed	To be completed	To be completed
Asia and	To be completed	To be completed	To be completed	To be completed	To be completed	To be completed
Pacific						
Europe	To be completed	To be completed	To be completed	To be completed	To be completed	To be completed
Latin America and Caribbean	To be completed	To be completed	To be completed	To be completed	To be completed	To be completed
Global	To be completed	To be completed	To be completed	To be completed	To be completed	To be completed
Sector					-	_
Aerosol	To be completed	To be completed	To be completed	To be completed	To be completed	To be completed
Destruction	To be completed	To be completed	To be completed	To be completed	To be completed	To be completed
Fire-fighting	To be completed	To be completed	To be completed	To be completed	To be completed	To be completed
Foam	To be completed	To be completed	To be completed	To be completed	To be completed	To be completed
Fumigant	To be completed	To be completed	To be completed	To be completed	To be completed	To be completed
Halon	To be completed	To be completed	To be completed	To be completed	To be completed	To be completed
Multi-sector	To be completed	To be completed	To be completed	To be completed	To be completed	To be completed
Other	To be completed	To be completed	To be completed	To be completed	To be completed	To be completed
Process agent	To be completed	To be completed	To be completed	To be completed	To be completed	To be completed
Phase-out	To be completed	To be completed	To be completed	To be completed	To be completed	To be completed
plan						
Production	To be completed	To be completed	To be completed	To be completed	To be completed	To be completed
Refrigeration	To be completed	To be completed	To be completed	To be completed	To be completed	To be completed
Several	To be completed	To be completed	To be completed	To be completed	To be completed	To be completed
Solvent	To be completed	To be completed	To be completed	To be completed	To be completed	To be completed
Sterilant	To be completed	To be completed	To be completed	To be completed	To be completed	To be completed
Total	To be completed	To be completed	To be completed	To be completed	To be completed	To be completed

^{*} Excluding cancelled and transferred projects and including agency support costs, where applicable.

⁷² Refers only to projects approved under regular contributions

71. The total funding approved by the Executive Committee since 1991 to achieve ODS phase-out amounts to US \$?? including US \$?? in agency support costs (excluding cancelled and transferred projects). Of the total project funds approved, the amounts allocated to, and disbursed by, the bilateral agencies and each of the implementing agencies, are shown in the table below.

Agency	Funds approved* (US \$)	Agency support costs* (US \$)	Funds disbursed** (US \$)
Bilateral	To be completed	To be completed	To be completed
UNDP	To be completed	To be completed	To be completed
UNEP	To be completed	To be completed	To be completed
UNIDO	To be completed	To be completed	To be completed
World Bank	To be completed	To be completed	To be completed
Total	To be completed	To be completed	To be completed

^{*} As at ?? July 2021 (excluding cancelled and transferred projects)

(ii) Projects and activities approved during the reporting period

72. During the reporting period, the Executive Committee approved a total of ?? additional projects and activities, with a planned phase-out of ?? ODP tonnes of production and consumption of HCFCs and ?? metric tonnes of HFCs, amounting to US \$??, including US \$?? in agency support costs, as per the table below.

Agency	Funds approved (US \$)	Agency support costs (US \$)	Total (US \$)
Bilateral	To be completed	To be completed	To be completed
UNDP	To be completed	To be completed	To be completed
UNEP	To be completed	To be completed	To be completed
UNIDO	To be completed	To be completed	To be completed
World Bank	To be completed	To be completed	To be completed
Total	To be completed	To be completed	To be completed

Investment projects

HPMPs and HPPMPs

- 73. At the 85th meeting, the Executive Committee approved tranches of stage I and stage II of HPMPs for eight countries, including first tranches of stage II of HPMPs for five countries and tranches of sector plans under stage II of the HPMP for one country (decisions 85/24 to 85/28 and 85/30 to 85/36).
- 74. At the 86th meeting, the Executive Committee approved tranches of stage I and stage II of HPMPs for 24 countries, comprising the first tranche of stage I of the HPMP one country (Syrian Arab Republic), the first tranche of stage II of the HPMPs for 20 countries and other tranches of stage II of the HPMPs for three countries, as well the first tranche of stage II of a regional HPMP for 12 countries (decisions 86/63 to 86/77, 86/79 to 86/85 and 86/89 to 86/91). The Committee also approved the first tranche of stage III of HPMPs for three countries (Dominican Republic, Panama and Uruguay) (decisions 86/86 to 86/88).
- 75. [At the 87th meeting,...]
- 76. By the end of the 87th meeting, commitments in principle associated with stages I, II and III of HPMPs approved since the inception of the Fund totalled US \$??, including agency support costs.

^{**} As at ?? (excluding cancelled and transferred projects)

HFC-related projects

- 77. At the 86th meeting, the Executive Committee approved the request for funding, deferred from 85th meeting, for project preparation for a stand-alone HFC investment project for one country in the amount of US \$30,000, plus agency support costs. It also approved on an exceptional basis, the deadline for the submission of the full proposal for that project to the 88th meeting, given that the project proposal could not be submitted by the submission deadline established in decision 84/53 (decision 86/58).
- 78. [At the 87th meeting...]

Non-investment activities

- 79. At the 85th meeting, the Executive Committee considered the work programmes of UNDP,⁷³ UNEP,⁷⁴ and UNIDO⁷⁵ for 2020. The requests for institutional strengthening renewal projects, for project preparation for stages II and III of HPMPs and for technical assistance for enabling activites pursuant to decision 79/46 were approved as part of the list of projects submitted for blanket approval (decision 85/22). The Committee agreed to defer to the 86th meeting consideration of the requests for project preparation for HFC phase-down plans and preparation for a project for the conversion of R-410A to R-290 in the manufacture of air-conditioning units at J.M. Group/Mina factory in Sudan.
- 80. At the 85th meeting, the Executive Committee requested relevant bilateral and implementing agencies to include in their amendments to their respective work programmes, due for submission to the 86th meeting, funding in the amount of US \$30,000 plus agency support costs for verification reports for stage II or stage III of the HPMPs for 16 LVC countries. (decision 85/21).
- 81. At the 86th meeting, the majority of the amendments to the 2020 work programmes of UNDP,⁷⁶ UNEP⁷⁷ and UNIDO⁷⁸ were approved as part of the list of projects submitted for blanket approval (decision 86/53). They covered: renewal of institutional strengthening projects; preparation of verification reports on HCFC consumption; and preparation of stage II or stage III of HPMPs.
- 82. The work programme amendments of the World Bank submitted to the 86th meeting was not issued for consideration at the intersessional approval process,⁷⁹ but for the extended one.
- 83. Pursuant to the decision by the Executive Committee, at the 86th meeting, to defer further consideration of the draft guidelines for the preparation of HFC phase-down plans for Article 5 countries to the 87th meeting (see decision 86/93). Consideration of all the requests for preparatory funding for HFC phase-down plans included in the work programme amendments of UNDP, UNEP, UNIDO and the World Bank, and by the Government of Germany in the document on bilateral cooperation⁸⁰, was also deferred to the same meeting (see decisions 86/55, 86/56, 86/57, 86/59 and 86/60) (see *Part I (iii) Draft guidelines for funding of the preparation of HFC phase-down plans*, above).

⁷³ UNEP/OzL.Pro/ExCom/85/15

⁷⁴ UNEP/OzL.Pro/ExCom/85/16

⁷⁵ UNEP/OzL.Pro/ExCom/85/17

⁷⁶ UNEP/OzL.Pro/ExCom/86/33 and Corr.1

⁷⁷ UNEP/OzL.Pro/ExCom/86/34

⁷⁸ UNEP/OzL.Pro/ExCom/86/35 and Corr.1

⁷⁹ UNEP/OzL.Pro/ExCom/86/31, paras. 7 to 9

⁸⁰ UNEP/OzL.Pro/ExCom/86/32

84. [The 2021 work programmes of $UNDP^{81}$, $UNEP^{82}$, $UNIDO^{83}$ and the World Bank⁸⁴ were considered at the 87^{th} meeting ...]

(iii) Country programme data and prospects for compliance

- 85. At the 86th [and 87th] meetings, the Executive Committee considered documents on country programme data and prospect for compliance.⁸⁵
- 86. At the 86th meeting, the Committee noted *inter alia* that 142 Parties had submitted country programme data for the year 2019 and requested the Secretariat to send letters to the Governments of two countries with outstanding country programme data reports, urging it to submit the reports as soon as possible. The Executive Committee deferred consideration of a draft updated revised format of section B1 of the country programme data reports to a future in-person meeting (decision 86/7).
- 87. [At the 87th meeting...]

(iv) Evaluation

- 88. At the 86th meeting, the Executive Committee noted the evaluation of the implementing agencies' performance against their 2019 business plans⁸⁶ and the fact that all the agencies had a quantitative assessment of their performance for 2019 of at least 83 on a scale of 100. Trend analysis indicated, however, that the performance of the implementing agencies had not improved in some indicators in 2019 in relation to 2018. The Executive Committee requested UNIDO to have open and constructive discussions with the national ozone units of Iraq to resolive any issues raised in the evaluation of its performance and to report back at the 87th meeting on the outcome of the discussion. All national ozone units were encouraged to submit, on a yearly basis and in a timely manner, their assessments of the qualitative performance of the bilateral and implementing agencies assisting their government (decision 86/8).
- 89. At the 86th meeting, the Executive Committee noted the revised desk study on the evaluation of the sustainability of the Montreal Protocol achievements⁸⁷ and invited the bilateral and implementing agencies to take into consideration, where appropriate, the findings and recommendations of the desk study when assisting Article 5 countries in preparing and implementing projects supported by the Multilateral Fund (decision 86/9). The Committee also noted the desk study on the evaluation of regional networks of national ozone officers and the terms of reference for the second phase of the evaluation; ⁸⁸ invited the bilateral and implementing agencies to apply, where appropriate, the findings and recommendations of the evaluation; and approved the terms of reference for the second phase (decision 86/10). Furthermore, the Committee approved the terms of reference for the desk study for the evaluation of the demonstration projects on low-GWP alternatives to HCFCs⁸⁹ (decision 86/11). It deferred to the 87th meeting consideration of the desk study for the evaluation of energy efficiency in the servicing sector⁹⁰ (decision 86/12) and the draft monitoring and evaluation work programme for the year 2021.
- 90. [At the 87th meeting...]

⁸¹ UNEP/OzL.Pro/ExCom/87/??

⁸² UNEP/OzL.Pro/ExCom/87/??

⁸³ UNEP/OzL.Pro/ExCom/87/??

⁸⁴ UNEP/OzL.Pro/ExCom/87/??

⁸⁵ UNEP/OzL.Pro/ExCom/86/8 [and UNEP/OzL.Pro/ExCom/87/??]

⁸⁶ UNEP/OzL.Pro/ExCom/86/9

⁸⁷ UNEP/OzL.Pro/ExCom/86/10

⁸⁸ UNEP/OzL.Pro/ExCom/86/11 and Corr.1

⁸⁹UNEP/OzL.Pro/ExCom/86/12/Rev.1

⁹⁰UNEP/OzL.Pro/ExCom/86/13 and Corr.1.

(v) Progress report as at 31 December 2019

- 91. At the 86th meeting, the Executive Committee noted the consolidated progress report of the Multilateral Fund as at 31 December 2019⁹¹ and the efforts undertaken by the bilateral and implementing agencies in reporting their 2019 activities. It noted that the bilateral and implementing agencies would report, at the 87th meeting, on 94 projects with implementation delays and 55 ongoing projects or tranches of multiyear agreements recommended for additional status reports (decision 86/13).
- 92. At the same meeting, the Committee noted the progress reports of the bilateral and implementing agencies. ⁹² It approved extension of completion dates for 12 projects, cancelled four tranches of stage I of HPMPs, requested the return of balances from the cancelled tranches and one instituational strengthening project and requested the submission of annual progress reports on the implementation of remaining activities in a number of projects. Furthermore, it approved a variety of actions related to ongoing projects with specific issues⁹³ (decisions 86/14 to 86/18).

(vi) Tranche submission delays

- 93. At the 86th meeting, the Executive Committee considered the report on tranche submission delays, 94 noting that 42 of the 89 activities (in 29 out of 66 countries) related to tranches of HPMPs due for submission had been submitted on time and that the bilateral and implementing agencies had indicated that the late submission of the tranches of HPMPs due for submission at the second meeting of 2020 would have no impact or was unlikely to have an impact on compliance and that there was no indication that any of the countries concerned were in non-compliance with the Montreal Protocol control measures. The Secretariat was requested to send letters to the governments concerned to communicate the Committee's decisions with regard to the tranche submission delays⁹⁵ (decision 86/44).
- 94. [At the 87th meeting...]

(vii) Status reports and reports on projects with specific requirements

- 95. At the 85th meeting, the Executive Committee considered all sections of a document on status reports and reports on projects with specific reporting requirements, ⁹⁶ except for section III on reports for individual consideration including the progress report on implementation of stage I of the HPMP for the Democratic People's Republic of Korea, and the financial audit reports for the CFC production, halon, polyurethane foam, process agent II, refrigeration servicing and solvent sectors in China, which would be considered at the 86th meeting.
- 96. The Committee considered projects with implementation delays for which special status report had been requested and projects with specific reporting requirements. The latter related to: the HPMPs for Argentina, Brazil, Costa Rica, Honduras, India, Indonesia, Malaysia, Morocco, and the Republic of Moldova; the temporary use of a high-GWP technology in an approved project in Lebanon; demonstration projects for low-GWP alternatives to HCFCs in Argentina and Tunisia, Saudi Arabia, the East Africa and Caribbean regions, the Europe and Central Asia region and the West Asia region; financial audit reports for six sectors in China; an ODS waste disposal project in Lebanon; and requests for extension of the completion date for the enabling activities for HFC phase-down. The Committee also considered a list of enterprises funded under HPMPs with delays and/or subject to changes in the implementation plan, and

⁹¹ UNEP/OzL.Pro/ExCom/86/15

⁹² UNEP/OzL.Pro/ExCom/86/16, UNEP/OzL.Pro/ExCom/86/17, UNEP/OzL.Pro/ExCom/86/18 and Corr.1, UNEP/OzL.Pro/ExCom/86/19 and UNEP/OzL.Pro/ExCom/86/20

⁹³ UNEP/OzL.Pro/ExCom/86/100, Annexes III to VII

⁹⁴ UNEP/OzL.Pro/ExCom/86/24

⁹⁵ UNEP/OzL.Pro/ExCom/86/100, Annex X

⁹⁶ UNEP/OzL.Pro/ExCom/85/9

enterprises converting to low-GWP technologies with delays due to issues related to their availability on the local market and/or higher costs, pursuant to decisions 84/27 and 84/42; and HFC-related investment projects and enabling activities funded using the additional contributions by a group of 17 non-Article 5 Parties, pursuant to decision 84/12(b).

- 97. The Committee took note of the reports and information provided, approved the recommendation related to ongoing projects with specific issues, agreed on a number of actions and requested other actions from countries, bilateral and implementing agencies and the Secretariat (decisions 85/2 to 85/19).
- 98. At the 86th meeting, the Executive Committee considered section I of the document on reports on projects with specific reporting requirement,⁹⁷ on reports on projects for which there were no outstanding policy, cost or other issues. It deferred to a future meeting consideration of section II, on projects for individual consideration, which dealt with the progress report on implementation of stage I of the HPMP for the Democratic People's Republic of Korea. The Executive Committee also considered all parts of Addendum 1 to the document, on reports relating to China,⁹⁸ except part IV, report on progress in the implementation of activities listed in decision 83/41, and part V, study to determine the regulatory, enforcement, policy or market circumstances that might have led to the illegal production and use of CFC-11 and CFC-12 (decision 83/41(d)), which it agreed to defer to a future meeting. It also considered Addendum 2 on a project in Sri Lanka.⁹⁹
- 99. The reports on projects with specific reporting requirements for which there were no outstanding policy, cost or other issues related to: the HPMPs for Argentina, Côte d'Ivoire, Egypt, Ghana, Jordan, Libya, Malaysia, Maldives, Morocco, Qatar and Tunisia; ODS waste disposal projects in Brazil, Cuba and Lebanon; the methyl bromide phase-out plan in Argentina; and a request for extension of the completion date for the enabling activities for HFC phase-down for the Syrian Arab Republic.
- 100. The Committee took note of the reports and information provided, agreed on a number of actions and requested other actions from countries, bilateral and implementing agencies and the Secretariat (decisions 86/19 to 86/31).
- 101. In terms of the reports related to China in Addendum 1 to the document on reports on projects with specific reporting requirements, the Executive Committee noted the information provided, agreed on a number of action and requested a number of other actions from the implementing agencies and the Secretariat (decisions 86/32 to 86/41).
- 102. It approved the extension, on an exceptional basis, of the implementation of the room air-conditioning sector plan of stage I of the HPMP for China, to 31 December 2021, noting that the COVID-19 pandemic had affected the manufacturing and marketing of equipment using R-290, and requested the Government of China and UNIDO to submit progress reports on the implementation of the work programme associated with the final tranche of the sector plan on a yearly basis until completion of the project and the project completion report by 30 June 2022, and to return any remaining balances by 31 December 2022.
- 103. In relation to stage II of the HPMP for the country, it approved: the revised Agreement between the Government of China and the Executive Committee; revised plans of action to extend until 2026 stage II of the industrial and commercial refrigeration and air-conditioning sector plan and stage II of the room air-conditioning manufacturing and heat-pump water heater sector plan, along with the maximum allowable sectoral consumption levels of HCFCs; stage II of the refrigeration servicing sector and national enabling

⁹⁷UNEP/OzL.Pro/ExCom/86/21

⁹⁸UNEP/OzL.Pro/ExCom/86/21/Add.1 and Corr.1

⁹⁹UNEP/OzL.Pro/ExCom/86/21/Add.2

programme sector plan; and revised plans of action for stage II of the extruded polystyrene foam sector plan, stage II of the polyurethane foam sector plan and stage II of the solvent sector plan.

- 104. It furthermore requested UNIDO to include in the request for the third tranche of the revised extended room air-conditioning manufacturing and heat-pump water heater sector plan to be submitted at the last meeting of 2021 information on the level of sales of split room air-conditioning units using R-290; and requested the World Bank to submit, at the 87th meeting, the financial audit reports for the halon and process agent II sector plans due to be completed by 31 December 2020, together with the corresponding project completion reports and any balances remaining as at 31 December 2020. The Senior Monitoring and Evaluation Officer was requested to work with the relevant implementing agency to ensure that the project completion reports submitted for the CFC production, polyurethane foam, refrigeration servicing and solvent sector plans reflected disbursements to final beneficiaries, consistent with the information provided in the financial audit reports submitted to the 86th meeting.
- 105. With regard to the project in Sri Lanka in Addendum 2, the Executive Committee decided *inter alia* to apply, to the first tranche of stage II of the HPMP for Sri Lanka, a reduction in funding as per paragraph 11 and Appendix 7-A of the Agreement between the Government of Sri Lanka and the Executive Committee for stage I of the HPMP, resulting in a penalty of US \$11,463 (decision 86/42).
- 106. [At the 87th meeting...]

(viii) Project completion reports

107. At the 86th meeting, the Executive Committee noted the 2020 consolidated project completion report. It urged bilateral and implementing agencies to submit, at the 87th meeting, outstanding completion reports for multi-year agreements and individual projects that were due, or to provide reasons for failing to do so. It also urged lead and cooperating implementing agencies to coordinate their work closely in finalizing their portions of the project completion reports to allow the lead implementing agency to submit completed reports on schedule, and urged bilateral and implementing agencies to enter clear, well written and thorough lessons when submitting their reports. The Committee also invited all those involved in the preparation and implementation of multi-year agreements and individual projects to take into consideration the lessons learned from project completion reports when preparing and implementing future projects (decision 86/43).

108. [At the 87th meeting...]

III. BUSINESS PLANNING, FINANCIAL AND ADMINISTRATIVE MATTERS

(i) Status of contributions and disbursements

109. As at ?? ??? 2021, the total income to the Multilateral Fund, including cash payments, promissory notes held, bilateral contributions, interest earned and miscellaneous income, amounted to US \$??, and total allocations, including provisions, amounted to US \$??. The balance available at ?? ??? 2021 therefore amounted to US \$??.

110. The yearly distribution of contributions against pledges is shown in the table below:

Year	Pledged contributions (US \$)	Total payments (US \$)	Arrears/outstanding pledges	
			(US \$)	
1991-1993	To be completed	To be completed	To be completed	
1994–1996	To be completed	To be completed	To be completed	
1997-1999	To be completed	To be completed	To be completed	

¹⁰⁰ UNEP/OzL.Pro/ExCom/86/22

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Year	Pledged contributions (US \$)	Total payments (US \$)	Arrears/outstanding pledges
			(US \$)
2000–2002	To be completed	To be completed	To be completed
2003-2005	To be completed	To be completed	To be completed
2006–2008	To be completed	To be completed	To be completed
2009–2011	To be completed	To be completed	To be completed
2012–2014	To be completed	To be completed	To be completed
2015–2017	To be completed	To be completed	To be completed
2018-2020	To be completed	To be completed	To be completed
2021-2023	To be completed	To be completed	To be completed
Total	To be completed	To be completed	To be completed

Note: Not including disputed contributions of US \$??.

111. As mentioned in paragraph ?? above, the total income received from the additional pledged contributions amounted to US \$25,513,071.

Interest collected

- 112. The total level of interest recorded in the Treasurer's accounts for the triennium 2018–2020 amounted to US \$??.
- 113. As at ?? ??? 2021, the level of interest recorded so far in the Treasurer's accounts for the triennium 2021–2023 amounted to US \$??.

Fixed-exchange-rate mechanism

114. As at ?? ??? 2021, the cumulative loss from exchange differences since the inception of the fixed-exchange-rate-mechanism stood at US \$??.

Outstanding contributions and return of balances

- 115. At the 85th, 86th [and 87th meetings], the Executive Committee urged all parties to pay their contributions to the Multilateral Fund in full and as early as possible and requested the Chief Officer and Treasurer to continue following up with countries that had contributions outstanding for one triennium or more and to report back to the Committee at the subsequent meeting (decisions 85/1, 86/3 [and 87/??]). At the 86th meeting, the Committee also noted note adjustments in the bilateral contributions by Czechia, Germany, Japan and Sweden, resulting from a reconciliation exercise between invoices, payments in cash and information, and requested the Treasurer in cooperation with the Secretariat to finalize the reconciliation exercise for the bilateral contributions by Canada, Finland, France, Portugal and Spain and report back at the 87th meeting.
- 116. The Executive Committee noted the return of funds to the 86th [and 87th] meetings and requested: bilateral and implementing agencies to proceed with disbursement or to cancel committed and not-committed funds that were not needed for completed projects and projects completed "by decision" of the Executive Committee and to return balances at the subsequent meeting (decisions 86/4 [and 87/??]).
- 117. At the 86th meeting, it requested UNIDO to return to the 87th meeting the balance of two completed projects that had been funding using the additional voluntary contributions for fast-start activities for the implementation of HFC phase-down and to proceed with disbursement and cancel commitments for one project completed over two year previously, returning the balance to the 87th meetin. The Government of Italy was requested to return to the 87th meeting the balance of one completed project funded using the additional voluntary contributions and the Treasurer to follow up with the Government of Japan on funds being returned to the 86th meeting.

118. [At the 87th meeting...]

(ii) Bilateral cooperation

- 119. At the 85th, 86th [and 87th] meetings, requests by the Governments of Australia, Canada, France, Germany and Japan,to offset funds for bilateral projects were approved in the amount of US \$?? (decisions 85/23, 86/54 [and 87/??]).
- 120. The total funding allocated to bilateral cooperation since the inception of the Multilateral Fund stands at US \$?? (including agency support costs and excluding cancelled and transferred projects), which represents approximately ?? per cent of the funds approved.

(iii) 2020–2022 business plan

- 121. At the 86th meeting, the Executive Committee took note of the update on the status of implementation of the 2020–2022 consolidated business plan¹⁰¹ of the Multilateral Fund and that the total value of activities submitted to that meeting amounted to US \$20,751,570 (including US \$20,374,686 for HFC-related), of which US \$17,453,416 was associated with project proposals not included in the 2020 business plan.
- 122. [At the 87th meeting...]

(iv) **2021–2023 business plan**

- 123. At the 86th meeting, the Executive Committee endorsed the consolidated business plan of the Multilateral Fund for 2021–2023, ¹⁰² adjusted according to the proposal by the Secretariat, by adding to the 2021 business plan HPMPs, HFC phase-down plan preparation and the HFC-23 by-product control project that had been deferred at the 86th meeting and by taking into account the level of the replenishment of the Multilateral Fund for the triennium 2021–2023, once adopted by the Meeting of the Parties (decisions 86/45).
- 124. The Executive Committee also noted the business plans of the bilateral agencies and implementing agencies and approved the performance indicators of the implementing agencies (decisions 86/46 to 86/49).

(v) Compliance Assistance Programme

125. At the 86th meeting, the Executive Committee considered the proposed three-year strategy for the period 2021–2023 and the 2021 work plan and budget for the UNEP Compliance Assistance Programme (CAP),¹⁰⁴ before approving an adjusted version,¹⁰⁵ in the amount of US \$9,974,000, plus agency support costs of eight per cent, amounting to US \$797,920. It also requested UNEP, 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 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 on the costs incurred in the year prior to the previous year (decision 86/61).

¹⁰¹ UNEP/OzL.Pro/ExCom/86/23

¹⁰² UNEP/OzL.Pro/ExCom/86/25

¹⁰³ UNEP/OzL.Pro/ExCom/86/26 to UNEP/OzL.Pro/ExCom/86/30

¹⁰⁴ UNEP/OzL.Pro/ExCom/86/36

¹⁰⁵ UNEP/OzL.Pro/ExCom/86/100, Annex XIX

(vi) Core unit costs for UNDP, UNIDO and the World Bank

126. At the 86th meeting, the Executive Committee approved core unit funding for 2021¹⁰⁶ of US \$2,113,148 for UNDP, US \$2,022,000 for UNIDO, and US \$1,735,000 for the World Bank, noting that the World Bank's core unit operation was again below its budgeted level and that it would be returning unused balances to the Multilateral Fund at the 86th meeting (decision 86/62).

(vii) Analysis of the administrative cost regime and core unit funding

127. Pursuant to decision 84/61, at the 86th meeting, the Executive Committee considered information on the analysis of the administrative cost regime and core unit funding. ¹⁰⁷ Noting the information therein, the Executive Committee decided to allow bilateral and implementing agencies to continue using the existing administrative cost regime for projects to be submitted in 2021, on an exceptional basis and without setting a precedent; and to request the Secretariat to present, at the 88th meeting, the outcomes of the analysis of the administrative cost regime and core unit funding, taking into consideration relevant decisions by the Executive Committee, including those from the 84th to 87th meetings, and relevant outcomes of discussions by the Parties on the replenishment of the Multilateral Fund for the triennium 2021–2023, on the basis of which the Committee would decide whether the administrative cost regime of the Multilateral Fund for the triennium 2018–2020 should be maintained for the triennium 2021–2023 (decision 86/92).

(viii) Accounts of the Multilateral Fund

- 128. At the 86th meeting, the Executive Committee noted the final audited financial statements of the Multilateral Fund as at 31 December 2019,¹⁰⁸ which had been produced in accordance with International Public Sector Accounting Standards. The Executive Committee requested the Treasurer to record in the 2020 accounts of the Multilateral Fund the differences between the implementing agencies' provisional 2019 financial statements and their final 2019 statements (decision 86/5).
- 129. The Executive Committee also noted the reconciliation of the 2019 accounts, ¹⁰⁹ the 2019 outstanding reconciling items, as well as a number of standing reconciling items, and requested the Treasurer and the relevant implementing agencies to carry out a number of adjustments and related actions (decision 86/6).

(ix) Budgets of the Fund Secretariat

130. [Having deferred consideration of the approved 2021 and 2022 and proposed 2023 budgets of the Fund Secretariat from the 86th meeting, at the 87th meeting...]

(x) Fund Secretariat activities

131. During the period under review, the Fund Secretariat took actions¹¹⁰ pursuant to the decisions taken by the Executive Committee at its previous meetings; prepared documentation and provided conference services; and continued interacting with other multilateral environmental agreements and other relevant organizations, including the Multilateral Organization Performance Assessment Network (MOPAN). In addition to the documents customarily prepared for Executive Committee meetings, the Secretariat also prepared documents, inter alia, on the policy matters referred to above.

¹⁰⁶ UNEP/OzL.Pro/ExCom/86/37

¹⁰⁷ UNEP/OzL.Pro/ExCom/86/85

¹⁰⁸ UNEP/OzL.Pro/ExCom/86/5

¹⁰⁹ UNEP/OzL.Pro/ExCom/86/6

¹¹⁰ UNEP/OzL.Pro/ExCom/85/2, UNEP/OzL.Pro/ExCom/86/2 and Add.1 [and UNEP/OzL.Pro/ExCom/87/??]

- 132. During the period under review, the Secretariat analysed and reviewed ?? funding requests and provided comments and recommendations for the Executive Committee's consideration. The level of funding of US \$?? requested for approval, following project review, amounted to US \$??.
- 133. At the 86th meeting, the Executive Committee considered the report of the 2019 Assessment of the Multilateral Fund by MOPAN.¹¹¹ It requested the Fund Secretariat to prepare, for consideration by the Executive Committee at its 88th meeting, a draft management response from the Executive Committee to the MOPAN Secretariat on the assessment and a report that responded to the five key areas of improvement identified in the assessment, providing information and draft recommendations on those areas of improvement, including an estimate of the resources needed to address them (decision 86/2).
- Also at the 86th meeting, the Committee approved the vacancy announcement for the post of the fourth Chief Officer, 112 requesting UNEP to launch it in the United Nations Inspira human resources gateway and to facilitate the selection process. It agreed to establish a selection panel consisting of three members representing Article 5 Parties, three members representing non-Article 5 Parties, and two representatives of UNEP, including the Executive Secretary of the Ozone Secretariat, that would review all applications, interview leading candidates and make a recommendation, on the understanding that the Secretariat would work with Executive Committee members intersessionally to identify the members of the secletion panel so that the Committee could decide on its composition at the 87th meeting. The Committee agreed that that panel would be co-chaired by a representative of UNEP and the Chair of the Executive Committee in 2021 in his capacity as first reporting officer and that UNEP would assist the selection panel throughout the process and provide a briefing on the use of the established interviewing method within the United Nations (decision 86/2).

135. [At the 87th meeting...]

[Note: Annexes to be included in the final version.]

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¹¹¹ UNEP/OzL.Pro/ExCom/86/2/Add.1, attached

¹¹² UNEP/OzL.Pro/ExCom/86/100, Annex I