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EXECUTIVE COMMITTEE OF
THE MULTILATERAL FUND FOR THE
IMPLEMENTATION OF THE MONTREAL PROTOCOL
Ninetieth Meeting
Montreal, 20-23 June 2022
Item 9(a) of the provisional agenda¹

OVERVIEW OF ISSUES IDENTIFIED DURING PROJECT REVIEW

Introduction

1. This document consists of the following sections:
 - I. An overview of projects and activities submitted by bilateral and implementing agencies
 - II. An overview of projects and activities following the project review process:
 - II.1 Projects submitted and subsequently withdrawn
 - II.2 Projects recommended for blanket approval
 - II.3 Projects recommended for individual consideration
 - II.4 Verification of compliance of selected low-volume consuming (LVC) countries with their HCFC phase-out management plan (HPMP) Agreements
 - III. Issues identified during the project review process:
 - III.1 Continued use of the principles to be applied in respect of eligible incremental costs for HCFC phase-out projects in stage II of HPMPs (decision 74/50)
 - IV. Reports on the implementation of decisions and follow-up on previous discussions relating to project review:
 - IV.1 Institutional strengthening (IS) renewal requests
 - IV.2 Funding withheld pending submission of verification reports or meeting specific conditions
 - IV.3 Summary of prices of the controlled substances and alternatives

¹ UNEP/OzL.Pro/ExCom/90/1

I. Overview of projects and activities submitted by bilateral and implementing agencies

2. Table 1 presents a summary of requests that were submitted by bilateral and implementing agencies to the 90th meeting.

Table 1: Requests submitted by bilateral and implementing agencies

Projects and activities	No. of countries	No. of funding requests	Amount requested (US \$)	Amount in principle (US \$)
Stage II/III of HPMPs	9	21	5,661,467	15,125,077
Tranches of approved HPMPs	13	23	11,792,455	n/a
Renewals of IS projects	25	25	3,426,559	n/a
Preparation for stage II/III of HPMPs	1	1	96,300	n/a
Verification of compliance of selected Article 5 countries with their HPMP Agreements	1	1	32,700	n/a
HFC-related investment project	1	1	1,022,117	n/a
Preparation for the Kigali HFC implementation plans (KIPs) and/or investment-related activities	18	32	3,247,000	n/a
Total		104	25,278,598	

Note: Funding amounts include agency support costs

II. Overview of projects and activities following the project review process

3. Following the project review process, nine funding requests for projects and activities totalling US \$6,217,128 including agency support costs have been withdrawn, 65 requests totalling US \$7,960,056 are recommended for blanket approval, and 30 requests totalling US \$10,590,224 are being forwarded for individual consideration. Together, the funding requests for projects and activities for blanket approval and those for individual consideration amount to US \$18,550,280.

II.1 Projects submitted and subsequently withdrawn

4. Table 2 presents a summary of the requests that were submitted by bilateral and implementing agencies to the 90th meeting and subsequently withdrawn.

Table 2: Requests submitted and subsequently withdrawn

Projects and activities	No. of countries	No. of funding requests	Amount requested (US \$)
Tranches of approved HPMPs (paragraphs 5 to 8)	2	6	4,852,611
HFC related activities (paragraphs 9 to 12)	1	1	1,022,117
Preparation for the KIPs and/or investment-related activities	2	2	342,400
Total		9	6,217,128

Note: Funding amounts include agency support costs.

Tranches of HPMPs submitted and subsequently withdrawn (Argentina and the Bolivarian Republic of Venezuela)

5. UNIDO, on behalf of the Government of Argentina, submitted a request for the third tranche of stage II of the HPMP. The report contained in the project proposal indicated that the funding disbursement level of the third tranche of the HPMP was below the 20 per cent threshold. Accordingly, UNIDO agreed to withdraw the request and to resubmit it to a future meeting once all conditions for the consideration of the project had been met.

6. UNIDO, on behalf of the Government of Venezuela (the Bolivarian Republic of), submitted in line with decision 88/29 (d)(iii) a request for the second tranche of stage II of the HPMP with a revised plan of action to reallocate the 2019 and subsequent tranches, including an extension of stage II to 2026 to achieve

total HCFC phase-out. In reviewing the proposal, it was noted that additional progress and funds disbursement had taken place for the activities proposed under the first tranche despite challenging circumstances that the country faces, including the economic crisis; the lack of foreign currency for the import of raw material, equipment and tools; institutional changes; and constraints imposed by the COVID-19 pandemic.

7. It was also noted that even though the HCFC consumption reported under Article 7 of the Montreal Protocol was close to zero in 2018 and 2019, and zero in 2020, the proposal indicated that there has been use of HCFCs that have not entered into the country through the established licensing and quota system. Those imports would constitute consumption substantially lower than the targets in the Agreement and do not represent a risk of non-compliance with the country's phase-out targets under the Montreal Protocol or its Agreement with the Executive Committee; however, they are not officially recorded. One of the reasons for this, is that the Government established a ban on imports of HCFC-22 in 2016 as local supply was being fulfilled with local production, but due to inability to procure raw material for production and lower market demand, the local HCFC-22 production plant was forced to reduce production substantially and eventually stopped by 2020.

8. The Secretariat and UNIDO are discussing options to assist the Government of Venezuela (the Bolivarian Republic of) to include in the revised plan of action for stage II assistance to ensure that imports of HCFC-22 that cater to the existing servicing demand in the country are undertaken through legal channels and that existing monitoring, reporting and enforcement mechanisms are strengthened. The Secretariat considers this of critical importance to ensure that when the total HCFC phase-out is achieved, the local regulatory, enforcement, monitoring and reporting mechanisms can sustain it. In view of this, additional consultations between UNIDO and the Government are required for defining a path forward. Accordingly, UNIDO agreed to withdraw the request and to resubmit the revised HPMP to the 91st meeting after finalising the path forward on this matter.

HFC-related projects (conversion of domestic air-conditioning (AC) manufacturing facility from R-410a-based units to R-290-based units at J.M. Group/Mina Factory in the Sudan)

9. At its 88th meeting, the Executive Committee decided to defer to a future meeting consideration of the project proposal for the conversion of a domestic AC manufacturing facility from R-410A-based units to R-290-based units at J.M. Group/Mina Factory in the Sudan (decision 88/73). Subsequently, UNIDO consulted the Secretariat about whether a revised project proposal could be submitted for a conversion to HFC-32 rather than R-290 technology as requested by the enterprise. In explaining the reason for the requested change in technology, UNIDO noted that Mina Factory manufactured AC equipment under the licence from Samsung Electronics (Samsung) and Midea Air-conditioning (Midea), which are multinational enterprises. The commitment to R-290 made earlier in the proposal submitted to the 88th meeting had been based on Samsung's strategy, when the share of Samsung products was higher. Then the situation changed, Mina Factory was manufacturing more products under the licence from Midea and therefore needed to follow Midea's strategy, which was to shift the lines manufacturing R-410A-based AC units to HFC-32-based units in the near future.

10. The Secretariat noted that the original project had been approved based on the replacement technology being R-290, and that the Executive Committee in its decision 88/73 simply deferred consideration of the project but did not specify whether a revised proposal to change the replacement technology could be submitted. However, the Secretariat considered that the additional information on the justification for the technology change, and the relevant cost information, would support the Executive Committee in making an informed decision, and therefore agreed to review the revised proposal. Accordingly, UNIDO, on behalf of the Government of the Sudan, submitted the revised project proposal for the conversion of R-410A to HFC-32 in AC manufacturing at J.M. Group/Mina Factory in the Sudan.

11. The Secretariat reviewed the revised proposal and raised a number of questions and clarifications, *inter alia* on the Government's additional commitments to establish regulatory measures to support the sales and market adoption of the converted products; the commitment of the enterprise to continue producing HFC-32-based AC units after the conversion; and whether Midea would withdraw its licence for R-410A after the conversion to HFC-32. The Secretariat also noted that Mina Factory did not appear to be in a position to independently commit to manufacturing a particular technology as it was dependent on the strategy of the original equipment manufacturer (OEM), and that the relative proportion of manufacturing for different OEMs might change in the future for reasons outside Mina Factory's control.

12. UNIDO, the Government and the enterprise considered the Secretariat's comments and subsequently requested to withdraw the project. UNIDO explained that the enterprise was not able to commit to a specific timeline to stop manufacturing R-410A-based AC products as it manufactured for the OEMs and could only follow their strategy. UNIDO further noted that the sustainability of the project would improve once the country ratified the Kigali Amendment and there was wider acceptance of new models of low-global-warming-potential (GWP) products in the market. UNIDO assured the Secretariat that the withdrawal of the project would not negatively influence the Government's commitment to the implementation of the Montreal Protocol. The Government continues its efforts to support the market uptake of low-GWP alternatives. The national ozone unit, in collaboration with the Customs Authority, will support the adoption of low-GWP alternatives by applying higher tariffs to the imports of HCFC and HFC refrigerants, and products containing these refrigerants; applying quotas to HCFC- and HFC-based equipment; and encouraging the wide use of not-in-kind technology such as desert water coolers.

II.2 Projects recommended for blanket approval

13. Table 3 presents a summary of requests that are recommended for blanket approval. Annex I to the present document lists the 65 funding requests.

Table 3: Requests recommended for blanket approval

Projects and activities	No. of countries	No. of funding requests	Amount recommended (US \$)
Tranches of approved HPMPs	7	8	1,531,997
Renewals of IS projects	25	25	3,426,559
Preparation for stage II/III of HPMPs	1	1	96,300
Verification of compliance of selected Article 5 countries with their HPMP Agreements	1	1	32,700
Preparation for the KIPs and/or investment-related activities	16	30	2,872,500
Total		65	7,960,056

Note: Funding amounts include agency support costs.

Secretariat's recommendation

14. The Secretariat recommends that the Executive Committee approve the projects and activities submitted for blanket approval at the levels of funding indicated in Annex I to the present document. The approval of these projects would include implementation programmes associated with the relevant tranches of multi-year projects; updated Agreements where applicable; relevant conditions or provisions included in the corresponding project evaluation documents; and observations to be communicated to recipient Governments for the renewal of IS projects.

II.3 Projects recommended for individual consideration

15. Table 4 presents a summary of requests that were submitted for individual consideration.

Table 4: Requests recommended for individual consideration

Projects and activities	No. of countries	No. of funding requests	Amount recommended (US \$)	Amount in principle (US \$)
Stage II/III of HPMPs*	9	21	5,192,058	15,156,935
Tranches of approved HPMPs*	4	9	5,398,166	n/a
Total		30	10,590,224	

Note: Funding amounts include agency support costs.

* Considered under agenda item 9(d).

16. Annex II to the present document lists the projects and activities submitted for individual consideration at the 90th meeting in two groups: new stages II and III of the HPMPs and tranche requests under stages II of HPMPs.

II.4 Verification of compliance of selected LVC countries with their HPMP Agreements

17. In line with decision 61/46(c),² the Secretariat drew a sample of 17 LVC Article 5 countries for the purpose of verifying their compliance with HPMP Agreements. The selection criteria included: proximity of the next tranche of the HPMP (2023 or 2024); any previous verification approved at least two years prior to the 90th meeting and completed; geographic distribution; level of consumption; and distribution among bilateral and implementing agencies. The selected countries (eight in Africa, seven in Latin America and the Caribbean, one in Asia, and one in Europe) are listed in Table 5.

Table 5. Article 5 countries selected for the verification of compliance with HPMP Agreements

No.	Country	HCFC baseline (mt)	Lead/cooperating agency	Next tranche request in
1	Bolivia (Plurinational State of)	102.15	UNIDO/UNEP	2024
2	Brunei Darussalam	110.62	UNEP/UNDP	2024
3	Cabo Verde	18.50	UNEP	2024
4	Comoros	2.48	UNEP	2024
5	Costa Rica	224.94	UNDP	2024
6	Ecuador*	427.73	UNIDO/UNEP	2024
7	El Salvador	186.51	UNDP/UNEP	2024
8	Georgia	93.00	UNDP	2024
9	Guatemala	143.79	UNIDO/UNEP	2024
10	Jamaica	263.68	UNDP/UNEP	2024
11	Malawi	196.3	UNEP/UNIDO	2023
12	Paraguay	333.06	UNEP/UNDP	2024
13	Rwanda	74.77	UNEP/UNIDO	2024
14	Togo*	362.59	UNEP/UNIDO	2023
15	Uganda	2.67	UNEP/UNIDO	2024
16	United Republic of Tanzania (the)	30.86	UNEP/UNIDO	2023
17	Zambia	89.95	UNEP/UNIDO	2024

*A non-LVC country funded as a LVC country.

² The Secretariat was requested to provide, at the first meeting of each year, a list representing 20 per cent of countries with an HCFC consumption baseline of up to 360 metric tonnes (mt), and with an approved HPMP, to approve funding for them for the purposes of verification of that country's compliance with the HPMP agreement for that year.

Secretariat's recommendation

18. The Executive Committee may wish to request the relevant bilateral and implementing agencies to include in their amendments to work programmes, due for submission to the 91st meeting, funding in the amount of US \$30,000 plus agency support costs for verification reports for stage II of the HPMPs for Bolivia (Plurinational State of), Brunei Darussalam, Cabo Verde, Comoros, Costa Rica, Ecuador, El Salvador, Georgia, Guatemala, Jamaica, Malawi, Paraguay, Rwanda, Togo, Uganda, the United Republic of Tanzania, and Zambia.

III. Issues identified during the project review process

III.I Continued use of the principles to be applied in respect of eligible incremental costs for HCFC phase-out projects in stage II of HPMPs (decision 74/50)

19. At its 74th meeting, the Executive Committee approved the criteria for funding HCFC phase-out in the consumption sector for stage II of the HPMPs (decision 74/50). These criteria included (in paragraph (c)) the principles to be applied in respect of eligible incremental costs of HCFC phase-out projects for stage II of HPMPs, subject to a review in 2020.

20. Since then, these principles have been used as the basis for the submission, review, approval, and implementation of all stages II of HPMPs. While these principles were subject to a review in 2020,³ the Executive Committee, the Secretariat, and the implementing agencies have continued to apply them beyond 2020 for additional stages II and eight stages III of HPMPs approved so far.

21. As of the 90th meeting, a total of 71 Article 5 countries have received funding for total HCFC phase-out. These countries will not have additional stages for their HPMPs. An additional 51 Article 5 countries are preparing their stages II (33 countries) and III (18 countries), following the principles of eligible incremental costs determined by decision 74/50. Many of these new stages, expected between 2022 and 2023, are aiming for the total phase-out of HCFCs rather than achieving the 2025 control measure, given the proximity of this date. Most of the HCFC consumption remaining to be phased out under future stages of HPMPs is in the refrigeration servicing sector, while the manufacturing sectors are practically fully addressed (e.g., polyurethane (PU) foam, extruded polystyrene foam, and solvent) or well advanced (e.g., commercial refrigeration and air-conditioning).

22. Noting that the principles of eligible incremental costs of HCFC phase-out projects set out in decision 74/50 have already been used in a high number of stages II and III of HPMPs approved for Article 5 countries to achieve total HCFC phase-out, the Executive Committee may wish to reaffirm that the principles of eligible incremental costs of HCFC phase-out projects for stages II of HPMPs continue to be applied in the future stages.

IV. Reports on the implementation of decisions and follow-up on previous discussions relating to project review

IV.1 IS renewal requests

23. The Secretariat reviewed the terminal reports and requests for the extension of IS funding for 25 countries⁴ 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. All requests were crosschecked against previous IS reports; progress reports on the implementation of

³ This matter was not considered in 2020 due to limited opportunities to discuss policy issues during the COVID-19 pandemic.

country programmes (CP); data reported under Article 7 of the Montreal Protocol; the latest reports on the implementation of HPMPs; bilateral and implementing agencies' progress reports submitted to the 88th meeting; and relevant decisions on compliance adopted by the Parties to the Montreal Protocol. All countries submitted the 2020/2021 data as at the submission date of their requests for extension. All countries reported that they had achieved all or most of the targets set for the specific performance indicators that were part of the progress report for the previous IS phase. The Secretariat recommended all IS projects submitted to the 90th meeting for blanket approval.

IV.2 Funding withheld pending submission of verification reports or meeting specific conditions

24. At the 87th meeting, the Executive Committee approved the first tranche of stage II of the HPMP for the United Republic of Tanzania, on the understanding that funds associated with UNEP would be transferred to UNEP by the Treasurer upon receipt by the Secretariat of confirmation by UNEP that the agreement for the implementation of the third tranche of stage I had been signed (decision 87/46(h)). The Secretariat received confirmation from UNEP that the Government of the United Republic of Tanzania had signed the agreement for implementing the third tranche of stage I on 30 November 2021 and the first disbursement had been made on 1 February 2022. Consequently, the Secretariat had requested the Treasurer to transfer the funding associated with the first tranche of stage II of the HPMP for the United Republic of Tanzania to UNEP.

25. At the 88th meeting, the Executive Committee approved the first tranche of stage II of the HPMP for Ethiopia, on the understanding that the Treasurer would transfer the funding to UNEP and UNIDO only upon confirmation by the Secretariat that equipment procured under the stage I of the HPMP had been delivered, and that the level of disbursement by UNIDO under stage I of the HPMP specified in decision 85/22(a) had been achieved. On 16 March 2022, UNIDO confirmed the delivery of the equipment and that the requisite level of disbursement had been achieved; accordingly, the Secretariat had requested the Treasurer to transfer the funding associated with the first tranche of the stage II of the HPMP to UNEP and UNIDO.

IV.3 Summary of prices of the controlled substances and alternatives

26. No information in line with decision 79/4(c)⁵ is being presented to the 90th meeting. Stage III of the HPMP for Pakistan included an investment project to assist six PU foam manufacturers to convert from HCFC-141b to pre-blended cyclopentane or water-blown technology in several applications. The prices of the alternatives proposed were not provided and are not relevant for calculating projects costs, as the project does not request funds for incremental operational costs.

⁵ The Executive Committee requested the Secretariat to include in this document a summary of prices of controlled substances and 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.

List of projects and activities recommended for funding

UNEP/OzL.Pro/ExCom/90/13
Annex I

Project Title	Agency	ODP/Metric (tonnes)*	Funds approved (US\$)			C.E. (US\$/kg)
			Project	Support	Total	
ALGERIA						
SEVERAL						
Ozone unit support						
Extension of the institutional strengthening project (phase VII: 7/2022-6/2024)	UNEP		\$329,472	\$0	\$329,472	
	Total for Algeria		\$329,472		\$329,472	
ARGENTINA						
PHASE-OUT PLAN						
HCFC phase out plan						
Preparation for a HCFC phase-out management plan (stage III) (Overarching)	UNIDO		\$90,000	\$6,300	\$96,300	
	Total for Argentina		\$90,000	\$6,300	\$96,300	
BAHAMAS						
SEVERAL						
Ozone unit support						
Extension of the institutional strengthening project (phase VIII: 7/2022-6/2024)	UNEP		\$85,000	\$0	\$85,000	
	Total for Bahamas		\$85,000		\$85,000	
BAHRAIN						
SEVERAL						
Ozone unit support						
Extension of the institutional strengthening project (phase XI: 7/2022-6/2024)	UNEP		\$85,000	\$0	\$85,000	
	Total for Bahrain		\$85,000		\$85,000	
BANGLADESH						
PHASE-OUT PLAN						
HFC phase down plan						
Preparation of a Kigali HFC implementation plan	UNEP		\$40,000	\$5,200	\$45,200	
Preparation of Kigali HFC implementation plan	UNDP		\$150,000	\$10,500	\$160,500	
	Total for Bangladesh		\$190,000	\$15,700	\$205,700	
BARBADOS						
SEVERAL						
Ozone unit support						
Renewal of institutional strengthening project (phase VIII: 7/2022-6/2024)	UNEP		\$149,760	\$0	\$149,760	

List of projects and activities recommended for funding

UNEP/OzL.Pro/ExCom/90/13
Annex I

Project Title	Agency	ODP/Metric (tonnes)*	Funds approved (US\$)			C.E. (US\$/kg)
			Project	Support	Total	
Total for Barbados			\$149,760		\$149,760	
BENIN						
PHASE-OUT PLAN						
HFC phase down plan						
Preparation of a Kigali HFC implementation plan	UNEP		\$133,000	\$17,290	\$150,290	
Preparation of a Kigali HFC implementation plan	UNIDO		\$57,000	\$3,990	\$60,990	
Total for Benin			\$190,000	\$21,280	\$211,280	
BOTSWANA						
PHASE-OUT PLAN						
HFC phase down plan						
Preparation of a Kigali HFC implementation plan	UNEP		\$119,000	\$15,470	\$134,470	
Preparation of a Kigali HFC implementation plan	UNIDO		\$51,000	\$3,570	\$54,570	
Total for Botswana			\$170,000	\$19,040	\$189,040	
CAMBODIA						
PHASE-OUT PLAN						
HCFC phase out plan						
HCFC phase-out management plan (stage I, fifth tranche)	UNEP	4.9	\$200,000	\$26,000	\$226,000	
Total for Cambodia			4.9	\$200,000	\$26,000	\$226,000
CAPE VERDE						
SEVERAL						
Ozone unit support						
Extension of the institutional strengthening project (phase VIII: 1/2023-12/2024)	UNEP		\$85,000	\$0	\$85,000	
Total for Cape Verde			\$85,000		\$85,000	
CHAD						
PHASE-OUT PLAN						
HFC phase down plan						
Preparation of a Kigali HFC implementation plan	UNIDO		\$51,000	\$3,570	\$54,570	
Preparation of a Kigali HFC implementation plan	UNEP		\$119,000	\$15,470	\$134,470	

List of projects and activities recommended for funding

UNEP/OzL.Pro/ExCom/90/13
Annex I

Project Title	Agency	ODP/Metric (tonnes)*	Funds approved (US\$)			C.E. (US\$/kg)
			Project	Support	Total	
SEVERAL						
Ozone unit support						
Extension of the institutional strengthening project (phase X: UNEP 7/2022-6/2024)			\$85,000	\$0	\$85,000	
	Total for Chad		\$255,000	\$19,040	\$274,040	
COSTA RICA						
PHASE-OUT PLAN						
HCFC phase out plan						
HCFC phase-out management plan (stage II, second tranche) UNDP			\$385,750	\$27,003	\$412,753	
<i>Noted the commitment of the Government of Costa Rica to complete the polyurethane foam conversion project in Refrigeracion Omega during the second tranche of stage II of the HPMP and to promulgate the ban on imports of HCFC 141b contained in imported pre blended polyols upon completion of the conversion.</i>						
	Total for Costa Rica		\$385,750	\$27,003	\$412,753	
COTE D'IVOIRE						
PHASE-OUT PLAN						
HCFC phase out plan						
HCFC phase-out management plan (stage I, fifth tranche) UNEP			\$185,740	\$22,482	\$208,222	
<i>Approved, on an exceptional basis, given delay in implementing phase-out activities, and noting that no further extension of project implementation would be requested, the extension of the date of completion of stage I of the HPMP for Côte d'Ivoire to 31 December 2022.</i>						
<i>The Government, UNEP and UNIDO were requested to submit a progress report on the implementation of the work programme associated with the final tranche and the project completion report to the second meeting of the Executive Committee in 2023 and to return all remaining balances by 30 June 2023. Approved on the understanding that the Government will provide an update, through UNEP, at the 91st meeting, on the adoption of the inter-ministerial decree for regulating import, export, transit, re-export and trade of ODS, and other measures on strengthening monitoring and reporting systems relating to HCFC import and export.</i>						
	Total for Cote D'Ivoire		\$185,740	\$22,482	\$208,222	
CUBA						
SEVERAL						
Ozone unit support						
Extension of institutional strengthening project (phase XII: UNEP 7/2022-6/2024)			\$190,804	\$13,356	\$204,160	
	Total for Cuba		\$190,804	\$13,356	\$204,160	

List of projects and activities recommended for funding

UNEP/OzL.Pro/ExCom/90/13
Annex I

Project Title	Agency	ODP/Metric (tonnes)*	Funds approved (US\$)			C.E. (US\$/kg)
			Project	Support	Total	
EQUATORIAL GUINEA						
PHASE-OUT PLAN						
HCFC phase out plan						
HCFC phase-out management plan (stage I, fifth tranche)	UNEP		\$30,000	\$3,900	\$33,900	
<i>Approved, on an exceptional basis, given the delay in implementing phase-out activities, and noting that no further extension of project implementation would be requested, the extension of the date of completion of stage I of the HPMP for Equatoria Guinea to 31 December 2023.</i>						
Total for Equatorial Guinea			\$30,000	\$3,900	\$33,900	
ETHIOPIA						
PHASE-OUT PLAN						
HFC phase down plan						
Preparation of a Kigali HFC implementation plan	UNIDO		\$39,000	\$2,730	\$41,730	
Preparation of a Kigali HFC implementation plan	UNEP		\$91,000	\$11,830	\$102,830	
SEVERAL						
Ozone unit support						
Extension of the institutional strengthening project (phase IX: 1/2023-12/2024)	UNEP		\$85,000	\$0	\$85,000	
Total for Ethiopia			\$215,000	\$14,560	\$229,560	
GAMBIA						
PHASE-OUT PLAN						
HFC phase down plan						
Preparation of a Kigali HFC implementation plan	UNEP		\$91,000	\$11,830	\$102,830	
Preparation of a Kigali HFC implementation plan	UNIDO		\$39,000	\$2,730	\$41,730	
Total for Gambia			\$130,000	\$14,560	\$144,560	

* HCFC in ODP tonnes. HFC in metric tonnes

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UNEP/OzL.Pro/ExCom/90/13
Annex I

Project Title	Agency	ODP/Metric (tonnes)*	Funds approved (US\$)			C.E. (US\$/kg)
			Project	Support	Total	
GRENADA						
PHASE-OUT PLAN						
HCFC phase out plan						
HCFC phase-out management plan (stage I, third tranche)	UNEP		\$21,000	\$2,730	\$23,730	
<i>Approved, on an exceptional basis, the extension of the date of completion of stage I of the HPMP for Grenada to 31 December 2023 in view of the delay in implementing phase out activities, on the understanding that no further extension of project implementation would be requested. Approved on the understanding that the Secretariat would monitor, through UNEP's annual progress report, the strengthening of customs' capacity to reduce data discrepancies; and UNEP would provide a report on the progress made on the strengthening of customs' capacity to reduce data discrepancies when submitting the second tranche of stage II of the HPMP.</i>						
Total for Grenada			\$21,000	\$2,730	\$23,730	
GUINEA						
PHASE-OUT PLAN						
HFC phase down plan						
Preparation of a Kigali HFC implementation plan	UNIDO		\$57,000	\$3,990	\$60,990	
Preparation of a Kigali HFC implementation plan	UNEP		\$133,000	\$17,290	\$150,290	
SEVERAL						
Ozone unit support						
Extension of the institutional strengthening project (phase XII: 7/2022-6/2024)	UNEP		\$85,000	\$0	\$85,000	
Total for Guinea			\$275,000	\$21,280	\$296,280	
HAITI						
SEVERAL						
Ozone unit support						
Extension of the institutional strengthening project (phase V: UNDP 7/2022-6/2024)			\$128,000	\$8,960	\$136,960	
Total for Haiti			\$128,000	\$8,960	\$136,960	
HONDURAS						
PHASE-OUT PLAN						
HFC phase down plan						
Preparation of a Kigali HFC implementation plan	UNIDO		\$170,000	\$11,900	\$181,900	

List of projects and activities recommended for funding

UNEP/OzL.Pro/ExCom/90/13
Annex I

Project Title	Agency	ODP/Metric (tonnes)*	Funds approved (US\$)			C.E. (US\$/kg)
			Project	Support	Total	
SEVERAL						
Ozone unit support						
Extension of the institutional strengthening project (phase X: UNEP 7/2022-6/2024)			\$85,000	\$0	\$85,000	
		Total for Honduras	\$255,000	\$11,900	\$266,900	
INDONESIA						
SEVERAL						
Ozone unit support						
Extension of institutional strengthening project (phase XIII: UNDP 7/2022-6/2024)			\$347,194	\$24,304	\$371,498	
		Total for Indonesia	\$347,194	\$24,304	\$371,498	
JAMAICA						
SEVERAL						
Ozone unit support						
Extension of institutional strengthening project (phase XI: UNEP 7/2022-6/2024)			\$85,000	\$0	\$85,000	
		Total for Jamaica	\$85,000		\$85,000	
KYRGYZSTAN						
PHASE-OUT PLAN						
HCFC phase out plan						
Verification report on the implementation of stage II of the HCFC phase-out management plan <i>Approved on the understanding that the verification report should be submitted to the first meeting of 2023.</i>	UNDP		\$30,000	\$2,700	\$32,700	
		Total for Kyrgyzstan	\$30,000	\$2,700	\$32,700	
LESOTHO						
SEVERAL						
Ozone unit support						
Extension of the institutional strengthening project (phase XI: 1/2023-12/2024)	UNEP		\$85,000	\$0	\$85,000	
		Total for Lesotho	\$85,000		\$85,000	
MALAWI						
SEVERAL						
Ozone unit support						
Extension of the institutional strengthening project (phase XIII: 1/2023-12/2024)	UNEP		\$85,418	\$0	\$85,418	
		Total for Malawi	\$85,418		\$85,418	

List of projects and activities recommended for funding

UNEP/OzL.Pro/ExCom/90/13
Annex I

Project Title	Agency	ODP/Metric (tonnes)*	Funds approved (US\$)			C.E. (US\$/kg)
			Project	Support	Total	
MALDIVES						
SEVERAL						
Ozone unit support						
Extension of the institutional strengthening project (phase XII: 12/2022-11/2024)	UNEP		\$85,000	\$0	\$85,000	
Total for Maldives			\$85,000		\$85,000	
MARSHALL ISLANDS						
SEVERAL						
Ozone unit support						
Extension of institutional strengthening project (phase VIII: 1/2023-12/2024)	UNEP		\$85,000	\$0	\$85,000	
Total for Marshall Islands			\$85,000		\$85,000	
MEXICO						
FOAM						
Multiple-subsectors						
Preparation for HFC investment projects in the foam sector	UNDP		\$80,000	\$5,600	\$85,600	
REFRIGERATION						
Commercial						
Preparation for replacement of HFC-134a with HC-290 refrigerant in the manufacturing of commercial refrigerators at Friocima	UNDP		\$30,000	\$2,100	\$32,100	
Total for Mexico			\$110,000	\$7,700	\$117,700	
MOZAMBIQUE						
PHASE-OUT PLAN						
HCFC phase out plan						
HCFC phase-out management plan (stage I, fifth tranche)	UNEP		\$30,000	\$3,900	\$33,900	
<p><i>Approved, on an exceptional basis, the extension of the duration of stage I of the HPMP for Mozambique to 30 June 2023, given the implementation delays caused by the COVID-19 pandemic, on the understanding that no further extension would be requested.</i></p> <p><i>Approved on the understanding that UNEP, UNIDO and the Government will intensify efforts to implement the remaining activities in stage I of the HPMP; that UNEP will submit a progress report to the first meeting of 2023 on the implementation of activities, including progress in the implementation of the verification recommendations; and that stage II will only be considered once the Secretariat has received confirmation that the equipment from the UNIDO component has been distributed to the beneficiaries and relevant training has taken place.</i></p>						

List of projects and activities recommended for funding

UNEP/OzL.Pro/ExCom/90/13
Annex I

Project Title	Agency	ODP/Metric (tonnes)*	Funds approved (US\$)			C.E. (US\$/kg)
			Project	Support	Total	
HFC phase down plan						
Preparation of a Kigali HFC implementation plan	UNEP		\$119,000	\$15,470	\$134,470	
Preparation of a Kigali HFC implementation plan	UNDP		\$51,000	\$3,570	\$54,570	
		Total for Mozambique	\$200,000	\$22,940	\$222,940	
NIGER						
SEVERAL						
Ozone unit support						
Extension of institutional strengthening project (phase XIII: 7/2022-6/2024)	UNEP		\$85,000	\$0	\$85,000	
		Total for Niger	\$85,000		\$85,000	
PANAMA						
SEVERAL						
Ozone unit support						
Extension of institutional strengthening project (phase X: 7/2022-6/2024)	UNDP		\$191,360	\$13,395	\$204,755	
		Total for Panama	\$191,360	\$13,395	\$204,755	
PERU						
PHASE-OUT PLAN						
HCFC phase out plan						
HCFC phase-out management plan (stage II, third tranche)	UNEP	2.2	\$83,200	\$10,816	\$94,016	
HCFC phase-out management plan (stage II, third tranche)	UNDP	6.5	\$466,800	\$32,676	\$499,476	
		Total for Peru	8.7	\$550,000	\$43,492	\$593,492
QATAR						
SEVERAL						
Ozone unit support						
Renewal of the institutional strengthening project (phase VI: 7/2022-6/2024)	UNEP		\$113,920	\$0	\$113,920	
		Total for Qatar	\$113,920		\$113,920	
SAINT KITTS AND NEVIS						
SEVERAL						
Ozone unit support						
Extension of institutional strengthening project (phase VIII: 7/2022-6/2024)	UNEP		\$85,000	\$0	\$85,000	

List of projects and activities recommended for funding

UNEP/OzL.Pro/ExCom/90/13
Annex I

Project Title	Agency	ODP/Metric (tonnes)*	Funds approved (US\$)			C.E. (US\$/kg)
			Project	Support	Total	
Total for Saint Kitts and Nevis			\$85,000		\$85,000	
SAO TOME AND PRINCIPE						
PHASE-OUT PLAN						
HFC phase down plan						
Preparation of a Kigali HFC implementation plan	UNEP		\$130,000	\$16,900	\$146,900	
Total for Sao Tome and Principe			\$130,000	\$16,900	\$146,900	
SAUDI ARABIA						
SEVERAL						
Ozone unit support						
Extension of the institutional strengthening project (phase III: 7/2022-6/2024)	UNEP		\$256,000	\$0	\$256,000	
Total for Saudi Arabia			\$256,000		\$256,000	
SERBIA						
PHASE-OUT PLAN						
HFC phase down plan						
Preparation of a Kigali HFC implementation plan	UNEP		\$55,000	\$7,150	\$62,150	
Preparation of a Kigali HFC implementation plan	UNIDO		\$115,000	\$8,050	\$123,050	
Total for Serbia			\$170,000	\$15,200	\$185,200	
SEYCHELLES						
PHASE-OUT PLAN						
HFC phase down plan						
Preparation of a Kigali HFC implementation plan	UNEP		\$81,000	\$10,530	\$91,530	
Preparation of Kigali HFC implementation plan	Germany		\$49,000	\$6,370	\$55,370	
Total for Seychelles			\$130,000	\$16,900	\$146,900	
SOMALIA						
PHASE-OUT PLAN						
HFC phase down plan						
Preparation of a Kigali HFC implementation plan	UNIDO		\$119,000	\$8,330	\$127,330	
Preparation of a Kigali HFC implementation plan	UNEP		\$51,000	\$6,630	\$57,630	
Total for Somalia			\$170,000	\$14,960	\$184,960	

List of projects and activities recommended for funding

UNEP/OzL.Pro/ExCom/90/13
Annex I

Project Title	Agency	ODP/Metric (tonnes)*	Funds approved (US\$)			C.E. (US\$/kg)
			Project	Support	Total	
SYRIA						
SEVERAL						
Ozone unit support						
Extension of institutional strengthening (phase VI: 7/2022-6/2024)	UNIDO		\$260,894	\$18,263	\$279,157	
	Total for Syria		\$260,894	\$18,263	\$279,157	
TOGO						
PHASE-OUT PLAN						
HFC phase down plan						
Preparation of a Kigali HFC implementation plan	UNEP		\$119,000	\$15,470	\$134,470	
Preparation of a Kigali HFC implementation plan	UNIDO		\$51,000	\$3,570	\$54,570	
	Total for Togo		\$170,000	\$19,040	\$189,040	
TURKEY						
PHASE-OUT PLAN						
HFC phase down plan						
Preparation of a Kigali HFC implementation plan	UNIDO		\$120,000	\$8,400	\$128,400	
Preparation of Kigali HFC implementation plan	UNDP		\$100,000	\$7,000	\$107,000	
	Total for Turkey		\$220,000	\$15,400	\$235,400	
TURKMENISTAN						
SEVERAL						
Ozone unit support						
Extension of the institutional strengthening project (phase VI: 1/2023-12/2024)	UNIDO		\$98,560	\$6,899	\$105,459	
	Total for Turkmenistan		\$98,560	\$6,899	\$105,459	
UGANDA						
SEVERAL						
Ozone unit support						
Extension of the institutional strengthening project (phase V: 1/2023-12/2024)	UNEP		\$85,000	\$0	\$85,000	
	Total for Uganda		\$85,000		\$85,000	
	GRAND TOTAL	13.6	\$7,473,872	\$486,184	\$7,960,056	

Summary

UNEP/OzL.Pro/ExCom/90/13
Annex I

Sector	Tonnes (ODP/Metric)	Funds approved (US\$)		
		Project	Support	Total
BILATERAL COOPERATION				
Phase-out plan		\$49,000	\$6,370	\$55,370
TOTAL:		\$49,000	\$6,370	\$55,370
INVESTMENT PROJECT				
Phase-out plan	13.6	\$1,402,490	\$129,507	\$1,531,997
TOTAL:		\$1,402,490	\$129,507	\$1,531,997
WORK PROGRAMME AMENDMENT				
Foam		\$80,000	\$5,600	\$85,600
Refrigeration		\$30,000	\$2,100	\$32,100
Phase-out plan		\$2,571,000	\$257,430	\$2,828,430
Several		\$3,341,382	\$85,177	\$3,426,559
TOTAL:		\$6,022,382	\$350,307	\$6,372,689
Summary by Parties and Implementing Agencies				
Germany		\$49,000	\$6,370	\$55,370
IBRD				
UNDP	6.5	\$2,150,908	\$151,164	\$2,302,072
UNEP	7.1	\$3,955,510	\$236,358	\$4,191,868
UNIDO		\$1,318,454	\$92,292	\$1,410,746
GRAND TOTAL (HCFCs and HFCs)	13.6	\$7,473,872	\$486,184	\$7,960,056

Annex II

PROJECTS AND ACTIVITIES SUBMITTED FOR INDIVIDUAL CONSIDERATION

Investment projects

Country	Project	Agency	Document number	Issue
New stages II/III of the HPMPs				
Bahamas (the)	HCFC phase-out management plan (stage II)	UNEP/UNIDO	90/19	All technical and cost issues resolved
Benin	HCFC phase-out management plan (stage II)	UNEP/UNIDO	90/21	All technical and cost issues resolved
Chad	HCFC phase-out management plan (stage II)	UNEP/UNIDO	90/23	All technical and cost issues resolved
Grenada	HCFC phase-out management plan (stage II)	UNEP	90/27	All technical and cost issues resolved
Liberia	HCFC phase-out management plan (stage II)	UNEP/UNIDO	90/29	All technical and cost issues resolved
Libya	HCFC phase-out management plan (stage II)	UNIDO	90/30	All technical and cost issues resolved
Madagascar	HCFC phase-out management plan (stage II)	UNEP/UNIDO	90/31	All technical and cost issues resolved
Niger (the)	HCFC phase-out management plan (stage II)	UNEP/UNIDO	90/34	All technical and cost issues resolved
Pakistan	HCFC phase-out management plan (stage III)	UNEP/UNIDO	90/35	All technical and cost issues resolved
Tranche requests under stage II of the HPMPs				
Bangladesh	HCFC phase-out management plan (stage II, second tranche)	UNDP/UNEP	90/20	Revision of the Agreement (funding tranches)
Iran (Islamic Republic of)	HCFC phase-out management plan (stage II, fourth tranche)	UNDP/UNEP/UNIDO/Germany/Italy	90/28	Extension of completion date and revision of the Agreement
Mexico	HCFC phase-out management plan (stage II, fourth tranche)	UNIDO/UNEP/Germany/Italy/Spain	90/32	Extension of completion date and revision of the Agreement
Pakistan	HCFC phase-out management plan (stage II, fourth tranche)	UNIDO	90/35	Change of technology