

United Nations Environment Programme

Distr. GENERAL

UNEP/OzL.Pro/ExCom/88/28/Rev.1 13 November 2021

ORIGINAL: ENGLISH

EXECUTIVE COMMITTEE OF
THE MULTILATERAL FUND FOR THE
IMPLEMENTATION OF THE MONTREAL PROTOCOL
Eighty-eighth Meeting
Montreal, 15-19 November 2021¹

OVERVIEW OF ISSUES IDENTIFIED DURING PROJECT REVIEW*

- 1. This document consists of the following sections:
 - (a) An overview of projects and activities submitted by bilateral and implementing agencies;
 - (b) Issues identified during the project review process;
 - (c) Projects and activities submitted for blanket approval; and
 - (d) Investment projects for individual consideration.

Projects and activities submitted by bilateral and implementing agencies

- 2. Bilateral and implementing agencies submitted 170 funding requests for tranches of approved multiyear agreements, projects and activities amounting to US \$84,157,520 (US \$95,656,969 including amounts requested in principle), including agency support costs, where applicable. The funding requests covered:
 - (a) Stage II of HCFC phase-out management plan (HPMPs) for 11 countries and stage III for five countries;
 - (b) Tranches of approved HPMPs for 20 countries;
 - (c) Renewals of institutional strengthening (IS) projects for 27 countries;

*The present document is issued to reflect the removal of the requests for preparation of the Kigali HFC implementation plan (stage I) for Liberia, which was approved at the 87th meeting and to correct an error in paragraph 2(h). For ease of reference, changes to the document are highlighted.

¹ Online meetings and an intersessional approval process will be held in November and December 2021 due to coronavirus disease (COVID-19)

Pre-session documents of the Executive Committee of the Multilateral Fund for the Implementation of the Montreal Protocol are without prejudice to any decision that the Executive Committee might take following issuance of the document.

- (d) Preparation for stage II of an HPMP for one country and stage III for two countries;
- (e) Verification reports on the implementation of HPMPs for 17 countries;
- (f) Enabling activities for HFC phase-down for one country;
- (g) HFC-related investment project in one country;
- (h) Preparation for the Kigali HFC implementation plans for 20 countries and related investment activities for one country; and
- (i) UNEP's Compliance Assistance Programme and core unit costs for UNDP, UNIDO and the World Bank.
- 3. Following the project review process, 106 funding requests for projects and activities totalling US \$14,685,397, including agency support costs, are recommended for blanket approval, and 56 funding requests totalling US \$63,031,463 (including agency support costs), 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 \$77,716,860.

HPMPs submitted and subsequently withdrawn (Mexico, Mozambique and the Bolivarian Republic of Venezuela)

- 4. UNIDO, on behalf of the Government of Mexico, submitted a request for the fourth 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, due to a delay in the completion of the equipment import process, as import duty exemption had not been granted by relevant authorities. UNIDO indicated that the National Ozone Unit was taking the necessary measures through the Ministry of Foreign Affairs and the Customs authorities to address the issue of import taxes on the equipment funded under the Fund. Once it has been settled, additional funding will be disbursed. 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.
- 5. UNEP, on behalf of the Government of Mozambique, submitted a request for the fifth tranche of stage I of the HPMP; during the project review process, the low level of implementation of activities approved in previous tranches and the associated low level of disbursement of funds were noted. Accordingly, UNEP 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 a request for the second tranche of stage II of the HPMP. In reviewing the proposal, it was noted that most activities under stage II, originally proposed for completion before 2020, have not been implemented due to circumstances external to the project, 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. Due to these circumstances, HCFC production and consumption have decreased to minimum levels in recent years, and to zero in 2020. Based on these facts, the Secretariat suggested to UNIDO to continue the implementation of stage II of the HPMP (noting that US \$198,050 was still available) and submit to the 91st meeting a progress report on the implementation of the first tranche, an on-site verification report on HCFC consumption, and a comprehensive revision and plan of action for the HPMP for future years, on the understanding that at the time of submission additional progress on implementation and fund disbursement had taken place. Accordingly, UNIDO agreed to withdraw the request and to resubmit the revised HPMP to a future meeting, once those conditions have been met.

IS renewal requests

7. The Secretariat reviewed the terminal reports and requests for extension of IS funding for 26 countries² 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 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 87th meeting; and relevant decisions on compliance adopted by the Parties to the Montreal Protocol. All countries submitted the 2020 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 88th meeting for blanket approval.

Funding withheld pending submission of verification reports or meeting specific conditions

- 8. At the 87th meeting, the Executive Committee approved the first tranche of stage II of the HPMP for Paraguay on the understanding that the 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 and the first advance of funds for that tranche had been transferred to the Government (decision 87/42(h)). The Secretariat received confirmation from UNEP that the agreement for the implementation of the third tranche of stage I was signed on 31 August 2021 and the first funds advancement for the National Ozone Unit to start implementation of the planned activities was approved on 28 September 2021. Accordingly, the Secretariat will inform the Treasurer to transfer to UNEP the funds associated with the first tranche of stage II.
- 9. 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)). As of the day of issuance of the present document, the Secretariat had not received confirmation that the agreement for the implementation of the third tranche of stage I had been signed. The Executive Committee may wish to urge UNEP and the Government of the United Republic of Tanzania to sign the agreement for the implementation of the third tranche of stage I as soon as possible, in order to implement activities without further delay and allow the transfer of funds associated with the first tranche of stage II.

Summary of prices of the controlled substances and alternatives

- 10. In line with decision 79/4(c), the following information is presented:
 - (a) Bahrain: Stage II of the HPMP included a project to assist two manufacturers of polyurethane (PU) rigid insulation foam for refrigeration equipment and 12 spray-foam manufacturers to convert from HCFC-141b to HFO and to water-blown technology, respectively. The price of HCFC-141b is US \$2.60/kg. The prices of HFO and water were not provided and are not relevant calculating project costs, as the project does not request funds for incremental operational costs; and
 - (b) Sudan: One investment project for the conversion of a domestic air-conditioning (AC) manufacturing facility from R-410A to R-290-based units has been submitted to the

² Excluding Cuba, whose request was withdrawn due to the non-submission of the CP data report for 2020.

³ 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.

88th meeting. The prices of R-410A and R-290 provided by the country are, respectively, US \$7.80–7.90 and US \$9.00–12.00 per kg. The negotiated price used in the proposal amounted to US \$7.80/kg for R-410A and US \$8.00/kg for R-290.

Implementation of Montreal Protocol activities in Article 5 countries under COVID-19

11. Further to the information reported at the 85th meeting on the implementation of activities in Article 5 countries amongst the COVID-19 pandemic,⁴ during the project review process for the 86th, 87th and 88th meetings, the Secretariat noted the efforts made by assisted Governments and bilateral and implementing agencies to ensure the continued implementation of activities supported by the Multilateral Fund. The extent to which the implementation of activities considered at the 88th meeting has been affected is described in individual project proposals.

Issues identified during project review

12. No new policy issues for the attention of the Executive Committee were identified during the review of projects submitted to the 88th meeting.

Projects and activities submitted for blanket approval

13. Annex I to the present document lists 106 funding requests for projects and activities totalling US \$14,685,397, including agency support costs, that are recommended for blanket approval. The approval of these projects would include the relevant conditions or provisions in the corresponding project evaluation sheets, as well as the approval of implementation programmes associated with the relevant tranches of multi-year projects.

Investment projects submitted for individual consideration

- 14. After review by the Secretariat, 56 funding requests for projects/activities totalling US \$63,031,463, including agency support costs, are proposed for individual consideration.
- 15. To facilitate the Executive Committee's consideration of the investment projects for individual consideration, the Secretariat has classified the projects by sector and has grouped them by issue, as shown in Table 1.

Table 1. Investment projects submitted for individual consideration

Country	Project	Agency	Document number	Issue
Stages II and III of th	e HPMPs	1		
Bahrain	HCFC phase-out management plan (stage II)	UNEP/ UNIDO	88/38	All technical and cost issues resolved
Cabo Verde	HCFC phase-out management plan (stage II)	UNEP	88/40	All technical and cost issues resolved. Extension of stage I to 30 December 2022.
Chile	HCFC phase-out management plan (stage III)	UNIDO/ UNEP	88/42	All technical and cost issues resolved
Colombia	HCFC phase-out management plan (stage III)	UNDP/ Germany	88/44	All technical and cost issues resolved
Democratic Republic of the Congo (the)	HCFC phase-out management plan (stage II)	UNEP/ UNDP	88/45	All technical and cost issues resolved
Ethiopia	HCFC phase-out management plan (stage II)	UNEP/ UNIDO	88/48	All technical and cost issues resolved

⁴ UNEP/OzL.Pro/ExCom/85/13

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Country	Project	Agency	Document number	Issue
Fiji	HCFC phase-out management plan (stage II)	UNDP/ UNEP	88/49	All technical and cost issues resolved
Georgia	HCFC phase-out management plan (stage II)	UNDP	88/50	All technical and cost issues resolved
Kuwait	HCFC phase-out management plan (stage II)	UNEP/ UNIDO	88/52	All technical and cost issues resolved. Extension of stage I to 30 June 2022.
Morocco	HCFC phase-out management plan (stage II)	UNIDO	88/54	All technical and cost issues resolved
North Macedonia	HCFC phase-out management plan (stage II)	UNIDO	88/57	All technical and cost issues resolved
Oman	HCFC phase-out management plan (stage III)	UNIDO/ UNEP	88/58	All technical and cost issues resolved
Qatar	HCFC phase-out management plan (stage II)	UNIDO/ UNEP	88/60	All technical and cost issues resolved
Republic of Moldova (the)	HCFC phase-out management plan (stage III)	UNDP/ UNEP	88/61	All technical and cost issues resolved
Senegal	HCFC phase-out management plan (stage II)	UNEP/ UNIDO	88/62	All technical and cost issues resolved
Sudan	HCFC phase-out management plan (stage III)	UNIDO	88/64	All technical and cost issues resolved
Tranche requests of s	tage I, stage II of the HPMPs			
Brazil	HCFC phase-out management plan (stage II, fifth tranche)	UNDP/ UNIDO/ Germany/ Italy	88/39	Revision of the Agreement
China (Overarching)	HCFC phase-out management plan (stage II)	UNDP/ UNEP/ UNIDO/ World Bank/ Austria/ Germany/ Italy/Japan	88/43	All technical and cost issues resolved
China (XPS foam)	HCFC phase-out management plan (stage II, fourth tranche)	UNIDO/ Germany	88/43	All technical and cost issues resolved
China (PU foam)	HCFC phase-out management plan (stage II, third tranche)	World Bank	88/43	All technical and cost issues resolved
China (ICR)	HCFC phase-out management plan (stage II, fourth tranche)	UNDP	88/43	All technical and cost issues resolved
China (RAC)	HCFC phase-out management plan (stage II, third tranche)	UNIDO/ Italy/ Austria	88/43	All technical and cost issues resolved
China (Servicing)	HCFC phase-out management plan (stage II, fourth tranche)	UNEP/ Germany/ Japan	88/43	All technical and cost issues resolved
China (Solvent)	HCFC phase-out management plan (stage II, fourth tranche)	UNDP	88/43	All technical and cost issues resolved

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Country	Project	Agency	Document number	Issue
Egypt	HCFC phase-out management plan (stage II, third tranche)	UNIDO/ UNDP/ UNEP/ Germany	88//47	All technical and cost issues resolved. Tranche over US \$5 million.
Kuwait	HCFC phase-out management plan (stage I, fourth tranche)	UNEP/ UNIDO	88/52	All technical and cost issues resolved. Extension of stage I to 30 June 2022
Pakistan	HCFC phase-out management plan (stage II, third tranche)	UNEP/ UNIDO	88/59	Consideration of the AC conversion project (Dawlance); HCFC-141b contained in imported pre-blended polyols reported for the first time; technical and cost issues related to the refrigeration servicing sector agreed
HFC investment proje	ects (decision 78/3(g))			
Sudan	Conversion of a domestic AC manufacturing facility	UNIDO	88/64	All technical and cost issues resolved
HFC-23 by-product en	missions			
Argentina	HFC-23 by-product emission control	UNIDO	88/77	Draft Agreement

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Project Title	Agency	ODP/Metric	Funder	ecommended	(US\$)	C.E.
Troject Title	Agency	(tonnes)*	Project	Support	Total	(US\$/kg)
ALBANIA			<u> </u>			
PHASE-OUT PLAN						
HCFC phase out plan						
Verification report on the implementation of stage II of t HCFC phase-out management plan	the UNIDO		\$30,000	\$2,700	\$32,700	
Approved on the understanding that the verification report sho be submitted at least 10 weeks prior to the applicable Executive Committee meeting where the next funding tranche for the HF is being sought.	ve .					
SEVERAL						
Ozone unit support						
Renewal of institutional strengthening project (phase $X: 7/2022-6/2024$)	UNEP		\$139,776	\$0	\$139,776	
Tot	tal for Albania		\$169,776	\$2,700	\$172,476	
ANGOLA			,,	, , , , ,	, , -	
PHASE-OUT PLAN						
HCFC phase out plan						
HCFC phase-out management plan (stage II, second tran	iche) UNDP	5.2	\$363,600	\$25,452	\$389,052	
HFC phase down plan						
Preparation of Kigali HFC implementation plan	UNDP		\$170,000	\$11,900	\$181,900	
To	otal for Angola	5.2	\$533,600	\$37,352	\$570,952	
ARGENTINA						
PHASE-OUT PLAN						
HFC phase down plan						
Preparation of Kigali HFC implementation plan	UNIDO		\$220,000	\$15,400	\$235,400	
Total	for Argentina		\$220,000	\$15,400	\$235,400	
BAHAMAS						
PHASE-OUT PLAN						
HCFC phase out plan						
HCFC phase-out management plan (stage I, fourth tranc	he) UNEP		\$30,975	\$4,026	\$35,001	
Approved, on an exceptional basis, the extension of the date of completion of stage I of the HPMP for the Bahamas to 30 June 2023, given delay in implementing phase out activities due to COVID-19 pandemic, and noting that no further extension of project implementation would be requested. Requested the Government of the Bahamas, UNEP and UNIDO to submit the project completion report to the second meeting of the Executive	e the e					
Committee in 2023, and return the remaining balances by 31 December 2023.						

^{*} HCFC in ODP tonnes. HFC in metric tonnes

Project Title	Agency	ODP/Metric (tonnes)*	Funds Project	recommended Support	(US\$) Total	C.E. (US\$/kg)
Total fo	r Bahamas	()	\$30,975	\$4,026	\$35,001	
BANGLADESH						
SEVERAL						
Ozone unit support						
Renewal of the institutional strengthening project (phase X: 12/2021-11/2023)	UNDP		\$166,400	\$11,648	\$178,048	
Total for 1	Bangladesh		\$166,400	\$11,648	\$178,048	
BENIN						
SEVERAL						
Ozone unit support						
Renewal of institutional strengthening project (phase XII: 1/2022-12/2023)	UNEP		\$85,000	\$0	\$85,000	
Tota	ıl for Benin		\$85,000		\$85,000	
BHUTAN						
SEVERAL						
Ozone unit support						
Extension of institutional strengthening project (phase IX: 7/2022-6/2024)	UNEP		\$85,000	\$0	\$85,000	
Total	for Bhutan		\$85,000		\$85,000	
BOTSWANA						
PHASE-OUT PLAN						
HCFC phase out plan						
Verification report on the implementation of stage II of the HCFC phase-out management plan	UNEP		\$30,000	\$3,900	\$33,900	
Approved on the understanding that the verification report should be submitted at least 10 weeks prior to the applicable Executive Committee meeting where the next funding tranche for the HPMP is being sought.						
Total for	r Botswana		\$30,000	\$3,900	\$33,900	
BRAZIL						
PHASE-OUT PLAN						
HCFC phase out plan						
Preparation of HCFC phase-out management plan (stage III (Overarching)) Germany		\$25,000	\$3,250	\$28,250	
Preparation of HCFC phase-out management plan (stage III (Overarching)) UNDP		\$40,000	\$2,800	\$42,800	
Preparation of HCFC phase-out management plan (stage III (Overarching)) UNIDO		\$25,000	\$1,750	\$26,750	

^{*} HCFC in ODP tonnes. HFC in metric tonnes

Project Title	Agency	ODP/Metric	Funds 1	ecommended	(US\$)	C.E.
		(tonnes)*	Project	Support	Total	(US\$/kg)
	Total for Brazil		\$90,000	\$7,800	\$97,800	
CAMBODIA						
PHASE-OUT PLAN						
HFC phase down plan						
Preparation of Kigali HFC implementation plan	UNEP		\$135,000	\$17,550	\$152,550	
Preparation of Kigali HFC implementation plan	UNDP		\$35,000	\$2,450	\$37,450	
	Total for Cambodia		\$170,000	\$20,000	\$190,000	
CAMEROON						
PHASE-OUT PLAN						
HCFC phase out plan						
HCFC phase-out management plan (stage II, seco	ond tranche) UNIDO	7.9	\$786,750	\$55,073	\$841,823	
Approved, on the understanding that: Information on to implementation of the end-user programme would be in the progress report to be submitted when requesting the tranche of stage II of the HPMP; and If Cameroon were with retrofits and associated servicing to use flammable in refrigeration and air-conditioning equipment original for non-flammable substances, the country would do stall associated responsibilities and risk and only in account the relevant standards and protocols.	included in e third e to proceed e substances ally designed o assuming					
HFC phase down plan						
Preparation of Kigali HFC implementation plan	UNIDO		\$190,000	\$13,300	\$203,300	
SEVERAL						
Ozone unit support						
Extension of institutional strengthening project (p. 1/2022-12/2023)	hase XIII: UNEP		\$178,601	\$0	\$178,601	
	Total for Cameroon	7.9	\$1,155,351	\$68,373	\$1,223,724	
CHILE						
PHASE-OUT PLAN						
HFC phase down plan						
Preparation of Kigali HFC implementation plan	UNEP		\$20,000	\$2,600	\$22,600	
Preparation of Kigali HFC implementation plan	UNDP		\$170,000	\$11,900	\$181,900	
	Total for Chile		\$190,000	\$14,500	\$204,500	

Project Title	Agency	ODP/Metric	Funds r	ecommended	(US\$)	C.E.
	rigency	(tonnes)*	Project	Support	Total	(US\$/kg)
COLOMBIA						
PHASE-OUT PLAN						
HCFC phase out plan						
HCFC phase-out management plan (stage II, fourth tranche)	Germany		\$54,300	\$6,973	\$61,273	
The Government of Colombia, UNDP, UNEP and the Government of Germany are requested to submit a progress report on the implementation of the work programme associated with the final tranche as part of the request for the second tranche of stage III of the HPMP.	•					
HCFC phase-out management plan (stage II, fourth tranche)	UNDP		\$257,134	\$17,999	\$275,133	
Approved on the understanding that UNDP would provide to the 90th meeting confirmation of the finalization of the draft Act described in document UNEP/OZL.Pro/ExCom/88/44 and the entry into force of the bans on the use of HCFC-141b in the fire protection sector, for all uses of HCFC-141b pure and contained in pre-blended polyols, and on the manufacture and import of HCFC-based refrigeration and air-conditioning equipment. The Government of Colombia, UNDP, UNEP and the Government of Germany are requested to submit a progress report on the implementation of the work programme associated with the final tranche as part of the request for the second tranche of stage III of the HPMP.						
HCFC phase-out management plan (stage II, fourth tranche)	UNEP		\$25,000	\$3,250	\$28,250	
The Government of Colombia, UNDP, UNEP and the Government of Germany are requested to submit a progress report on the implementation of the work programme associated with the final tranche as part of the request for the second tranche of stage III of the HPMP.	•					
HFC phase down plan						
Preparation of Kigali HFC implementation plan	Germany		\$70,000	\$9,100	\$79,100	
SEVERAL						
Ozone unit support						
Extension of institutional strengthening project (phase XIII: 12/2021-11/2023)	UNDP		\$352,768	\$24,694	\$377,462	
Total for	Colombia		\$759,202	\$62,016	\$821,218	
COMOROS						
SEVERAL						
Ozone unit support						
Extension of the institutional strengthening project (phase XII: 1/2022-12/2023)	UNEP		\$85,000	\$0	\$85,000	
Total for	r Comoros		\$85,000		\$85,000	

		ODP/Metric		ecommended	(004)	C.E.
		(tonnes)*	Project	Support	Total	(US\$/kg)
COOK ISLANDS						
SEVERAL						
Ozone unit support						
Extension of the institutional strengthening project (phase VIII: 7/2022-6/2024)	UNEP		\$85,000	\$0	\$85,000	
Total for C	ook Islands		\$85,000		\$85,000	
COSTA RICA						
SEVERAL						
Ozone unit support						
Extension of institutional strengthening project (phase XIV 1/2022-12/2023)	: UNDP		\$179,857	\$12,590	\$192,447	
Total for	Costa Rica		\$179,857	\$12,590	\$192,447	
CUBA						
PHASE-OUT PLAN						
HCFC phase out plan						
Verification report on the implementation of stage I of the HCFC phase-out management plan	UNDP		\$30,000	\$2,700	\$32,700	
Approved on the understanding that the verification report should be submitted at least 10 weeks prior to the applicable Executive Committee meeting where the next funding tranche for the HPMF is being sought.						
Tot	al for Cuba		\$30,000	\$2,700	\$32,700	
DJIBOUTI			ŕ	•	•	
PHASE-OUT PLAN						
HCFC phase out plan						
Verification report on the implementation of stage II of the HCFC phase-out management plan	UNEP		\$30,000	\$3,900	\$33,900	
Approved on the understanding that the verification report should be submitted at least 10 weeks prior to the applicable Executive Committee meeting where the next funding tranche for the HPMF is being sought.						
HCFC phase-out management plan (stage I, fourth tranche)	UNEP		\$21,000	\$2,730	\$23,730	
Extended, on an exceptional basis, the date of completion of stage I of the HPMP for Djibouti to 31 December 2022 given delay in implementing phase-out activities due to the COVID 19 pandemion the understanding that no further extension would be requested.	; c,					
Total (for Djibouti		\$51,000	\$6,630	\$57,630	

Project Title	Agency	ODP/Metric (tonnes)*	Funds 1 Project	recommended Support	(US\$) Total	C.E. (US\$/kg)
EL SALVADOR		(**************************************	110,000	жиррого		
PHASE-OUT PLAN						
HFC phase down plan						
Preparation of Kigali HFC implementation plan	UNDP		\$170,000	\$11,900	\$181,900	
Total for	El Salvador		\$170,000	\$11,900	\$181,900	
FIJI						
PHASE-OUT PLAN						
HFC phase down plan						
Preparation of Kigali HFC implementation plan	UNEP		\$35,000	\$4,550	\$39,550	
Preparation of Kigali HFC implementation plan	UNDP		\$95,000	\$6,650	\$101,650	
Т	otal for Fiji		\$130,000	\$11,200	\$141,200	
GAMBIA						
PHASE-OUT PLAN						
HCFC phase out plan						
Verification report on the implementation of stage II of the HCFC phase-out management plan Approved on the understanding that the verification report should be submitted at least 10 weeks prior to the applicable Executive Committee meeting where the next funding tranche for the HPMR	1		\$30,000	\$3,900	\$33,900	
is being sought.						
	for Gambia		\$30,000	\$3,900	\$33,900	
GRENADA						
PHASE-OUT PLAN						
HFC phase down plan						
Preparation of Kigali HFC implementation plan	UNEP		\$60,000	\$7,800	\$67,800	
Preparation of Kigali HFC implementation plan	UNDP		\$40,000	\$2,800	\$42,800	
Total f	or Grenada		\$100,000	\$10,600	\$110,600	
GUATEMALA						
SEVERAL						
Ozone unit support						
Renewal of the institutional strengthening project (phase IX 12/2021-11-2023)	K: UNEP		\$159,744	\$0	\$159,744	
Total for	Guatemala		\$159,744		\$159,744	

^{*} HCFC in ODP tonnes. HFC in metric tonnes

Duning Title	A	ODD/N/L-4*	Funda -	ooommond .	I (TICO)	Annex I
Project Title	Agency	ODP/Metric (tonnes)*	Funds r Project	recommended Support	1 (US\$) Total	C.E. (US\$/kg)
GUINEA-BISSAU		(toilles)	Troject	Support	10141	(1 , - 8,
PHASE-OUT PLAN						
HCFC phase out plan				42 000		
Verification report on the implementation of stage II of the HCFC phase-out management plan	UNEP		\$30,000	\$3,900	\$33,900	
Approved on the understanding that the verification report should be submitted at least 10 weeks prior to the applicable Executive Committee meeting where the next funding tranche for the HPMP is being sought.						
Total for Gui	nea-Bissau		\$30,000	\$3,900	\$33,900	
HONDURAS						
PHASE-OUT PLAN						
HCFC phase out plan						
Verification report on the implementation of stage II of the HCFC phase-out management plan	UNIDO		\$30,000	\$2,700	\$32,700	
Approved on the understanding that the verification report should be submitted at least 10 weeks prior to the applicable Executive Committee meeting where the next funding tranche for the HPMP is being sought.						
Total for	Honduras		\$30,000	\$2,700	\$32,700	
INDIA						
SEVERAL						
Ozone unit support						
Extension of institutional strengthening project (phase XIII: 12/2021-11/2023)	UNDP		\$477,734	\$33,441	\$511,175	
Technical assistance/support						
Enabling activities for HFC phase-down	UNEP		\$250,000	\$17,500	\$267,500	
Tota	ıl for India		\$727,734	\$50,941	\$778,675	
INDONESIA			+·=·,·•	4	********	
PHASE-OUT PLAN						
HCFC phase out plan						
HCFC phase-out management plan (stage II, third tranche) (refrigeration servicing sector)	UNDP	7.2	\$627,086	\$43,896	\$670,982	
Noted that the Government will issue a ban on imports of HCFC-141b in bulk and contained in imported pre-blended polyols by 1 January 2022.						
HCFC phase-out management plan (stage II, third tranche) (foam sector)	IBRD	10.0	\$992,871	\$69,501	\$1,062,372	
Noted that the Government will issue a ban on imports of HCFC-141b in bulk and contained in imported pre-blended polyols by 1 January 2022.						

^{*} HCFC in ODP tonnes. HFC in metric tonnes

Project Title	Agency	ODP/Metric	Funds	recommended	(US\$)	C.E.
		(tonnes)*	Project	Support	Total	(US\$/kg)
Total	l for Indonesia	17.2	\$1,619,957	\$113,397	\$1,733,354	
JORDAN						
PHASE-OUT PLAN						
HCFC phase out plan						
Preparation of HCFC phase-out management plan (stage (commercial refrigeration manufacturing)	III) IBRD		\$30,000	\$2,100	\$32,100	
Preparation of HCFC phase-out management plan (stage (Overarching)	III) UNIDO		\$25,000	\$1,750	\$26,750	
Preparation of HCFC phase-out management plan (stage (Overarching)	III) IBRD		\$35,000	\$2,450	\$37,450	
To	otal for Jordan		\$90,000	\$6,300	\$96,300	
LAO, PDR						
PHASE-OUT PLAN						
HCFC phase out plan						
Verification report on the implementation of stage II of the HCFC phase-out management plan Approved on the understanding that the verification report shows be submitted at least 10 weeks prior to the applicable Executive Committee meeting where the next funding tranche for the HF is being sought.	ould ve		\$30,000	\$3,900	\$33,900	
Total	for Lao, PDR		\$30,000	\$3,900	\$33,900	
LEBANON						
REFRIGERATION						
Air conditioning						
Project preparation for HFC-related project in the manufacturing sector at Lematic Industries to convert the production of residential air-conditioning from R-410A to 290			\$30,000	\$2,100	\$32,100	
Tota	al for Lebanon		\$30,000	\$2,100	\$32,100	
LESOTHO						
PHASE-OUT PLAN						
HFC phase down plan						
Preparation of Kigali HFC implementation plan	UNIDO		\$39,000	\$2,730	\$41,730	
Preparation of Kigali HFC implementation plan	UNEP		\$91,000	\$11,830	\$102,830	
Tot	tal for Lesotho		\$130,000	\$14,560	\$144,560	

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Project Title	Agency	ODP/Metric (tonnes)*	Project	recommended Support	(US\$) Total	C.E. (US\$/kg)
MALAWI		(tollies)	110,000	Support	1000	
PHASE-OUT PLAN						
HFC phase down plan						
Preparation of Kigali HFC implementation plan	UNEP		\$119,000	\$15,470	\$134,470	
Preparation of Kigali HFC implementation plan	UNIDO		\$51,000	\$3,570	\$54,570	
Tota	ıl for Malawi		\$170,000	\$19,040	\$189,040	
MALAYSIA						
PHASE-OUT PLAN						
HCFC phase out plan						
HCFC phase-out management plan (stage II, third tranche) (refrigeration servicing sector and management and coordination)) UNDP	4.0	\$154,900	\$10,843	\$165,743	
Noted that the Government will issue a ban on import of HCFC-141b contained in pre-blended polyols, and on the use of HCFC-141b in bulk and contained in imported pre-blended polyols, by January 2023; and the Government of Malaysia and UNDP were requested to submit the final progress report on the implementat of the work programme associated with the stage II of the HPMI by the first meeting of 2023.	1 1 e ion					
SEVERAL						
Ozone unit support						
Extension of institutional strengthening project (phase XIV 1/2022-12/2023)	V: UNDP		\$357,760	\$25,043	\$382,803	
Total	for Malaysia	4.0	\$512,660	\$35,886	\$548,546	
MAURITIUS						
PHASE-OUT PLAN						
HCFC phase out plan						
Verification report on the implementation of stage I of the HCFC phase-out management plan	Germany		\$30,000	\$3,900	\$33,900	
Approved on the understanding that the verification report shows be submitted at least 10 weeks prior to the applicable Executive Committee meeting where the next funding tranche for the HPM is being sought.						
Total f	or Mauritius		\$30,000	\$3,900	\$33,900	
MICRONESIA			,		. ,	
SEVERAL						
Ozone unit support						
Renewal of institutional strengthening project (phase VIII: 7/2022-6/2024)	: UNEP		\$85,000	\$0	\$85,000	

^{*} HCFC in ODP tonnes. HFC in metric tonnes

						Ailica
Project Title	Agency	ODP/Metric (tonnes)*	Funds r Project	ecommended Support	(US\$) Total	C.E. (US\$/kg)
MONGOLIA		()	,,			
PHASE-OUT PLAN						
HCFC phase out plan						
Verification report on the implementation of stage II of the HCFC phase-out management plan	UNEP		\$30,000	\$3,900	\$33,900	
Approved on the understanding that the verification report should be submitted at least 10 weeks prior to the applicable Executive Committee meeting where the next funding tranche for the HPMP is being sought.						
Total for	Mongolia		\$30,000	\$3,900	\$33,900	
MONTENEGRO						
PHASE-OUT PLAN						
HCFC phase out plan						
Verification report on the implementation of stage II of the HCFC phase-out management plan	UNIDO		\$30,000	\$2,700	\$32,700	
Approved on the understanding that the verification report should be submitted at least 10 weeks prior to the applicable Executive Committee meeting where the next funding tranche for the HPMP is being sought.						
Total for M	lontenegro		\$30,000	\$2,700	\$32,700	
NAMIBIA						
PHASE-OUT PLAN						
HFC phase down plan						
Preparation of Kigali HFC implementation plan	UNEP		\$119,000	\$15,470	\$134,470	
Preparation of Kigali HFC implementation plan	UNIDO		\$51,000	\$3,570	\$54,570	
			72 - 70 - 0	, ,	7- 7,- 7	
SEVERAL						
Ozone unit support						
Extension of institutional strengthening project (phase XI: 12/2021-11/2023)	UNEP		\$85,000	\$0	\$85,000	
Total fo	or Namibia		\$255,000	\$19,040	\$274,040	
NEPAL			,	•	,	
PHASE-OUT PLAN						
HCFC phase out plan						
Verification report on the implementation of stage II of the HCFC phase-out management plan	UNEP		\$30,000	\$3,900	\$33,900	
Approved on the understanding that the verification report should be submitted at least 10 weeks prior to the applicable Executive Committee meeting where the next funding tranche for the HPMP is being sought.						

^{*} HCFC in ODP tonnes. HFC in metric tonnes

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Project Title	Agency	ODP/Metric (tonnes)*	Funds r Project	recommended Support	1 (US\$) Total	C.E. (US\$/kg)
Tota	l for Nepal	(tollics)	\$30,000	\$3,900	\$33,900	(==+,
NICARAGUA	ioi i topui		φεο,σσσ	φο,500	Ψου,> σσ	
PHASE-OUT PLAN						
HCFC phase out plan						
Verification report on the implementation of stage II of the	UNEP		\$30,000	\$3,900	\$33,900	
HCFC phase-out management plan	ONLI		Ψ30,000	ψ3,700	Ψ33,700	
Approved on the understanding that the verification report should be submitted at least 10 weeks prior to the applicable Executive Committee meeting where the next funding tranche for the HPMP is being sought.						
Total for	Nicaragua		\$30,000	\$3,900	\$33,900	
NIGER						
PHASE-OUT PLAN						
HCFC phase out plan						
HCFC phase-out management plan (stage I, third tranche)	UNEP		\$50,000	\$6,500	\$56,500	
Extended, on an exceptional basis due to the delays imposed by the COVID-19 pandemic, the completion date of stage I of the HPMP for Niger until 31 December 2022, noting that no further extension would be requested.						
HCFC phase-out management plan (stage I, third tranche)	UNIDO		\$20,000	\$1,400	\$21,400	
Tota	l for Niger		\$70,000	\$7,900	\$77,900	
NIGERIA						
PHASE-OUT PLAN						
HCFC phase out plan						
HCFC phase-out management plan (stage II, second tranche) (refrigeration servicing sector)) UNDP	11.2	\$977,407	\$68,418	\$1,045,825	
Approved on the understanding that information on the implementation of the end-user demonstration/incentive programme would be included in the progress reports submitted when requesting future tranches of stage II of the HPMP.						
HCFC phase-out management plan (stage II, second tranche) (refrigeration servicing sector)) Italy	0.4	\$34,513	\$4,482	\$38,995	
Approved on the understanding that information on the implementation of the end-user demonstration/incentive programme would be included in the progress reports submitted when requesting future tranches of stage II of the HPMP.						
HCFC phase-out management plan (stage II, second tranche) (polyurethane foam manufacturing sector)) Italy	3.2	\$199,887	\$25,958	\$225,845	
HCFC phase-out management plan (stage II, second tranche) (polyurethane foam manufacturing sector)) UNDP	7.2	\$347,593	\$24,332	\$371,925	

Project Title	Agency	ODP/Metric (tonnes)*	Funds i Project	ecommended Support	, ,	C.E. (US\$/kg)
HCFC phase-out management plan (stage II, second tranche) U (project management and coordination)	INDP		\$75,000	\$5,250	\$80,250	
Total for	Nigeria	22.0	\$1,634,400	\$128,440	\$1,762,840	
NORTH MACEDONIA						
PHASE-OUT PLAN						
HCFC phase out plan						
HCFC phase-out management plan (stage I, eleventh tranche) U	NIDO		\$75,000	\$5,625	\$80,625	
Extended, on an exceptional basis, the completion date of stage I of the HPMP for North Macedonia until 31 December 2023 to allow the completion of the planned activities related to the development of a national plan for refrigerant waste management, on the understanding that no further extension would be requested.						
SEVERAL						
Ozone unit support						
Extension of the institutional strengthening project (phase VII: 12/2021-11/2023)	NIDO		\$169,404	\$11,858	\$181,262	
Total for North Ma	cedonia		\$244,404	\$17,483	\$261,887	
PARAGUAY						
SEVERAL						
Ozone unit support						
Extension of institutional strengthening project (phase X: 12/2021-11/2023)	NEP		\$85,000	\$0	\$85,000	
Total for Pa	araguay		\$85,000		\$85,000	
PHILIPPINES						
PHASE-OUT PLAN						
HCFC phase out plan						
Preparation of HCFC phase-out management plan (stage III) U (Overarching)	NIDO		\$70,000	\$4,900	\$74,900	
Total for Phi	lippines		\$70,000	\$4,900	\$74,900	
RWANDA						
PHASE-OUT PLAN						
HFC phase down plan						
	NEP		\$91,000	\$11,830	\$102,830	
Preparation of Kigali HFC implementation plan U	NIDO		\$39,000	\$2,730	\$41,730	
Total for I	Rwanda		\$130,000	\$14,560	\$144,560	

^{*} HCFC in ODP tonnes. HFC in metric tonnes

						Annex I
Project Title	Agency	ODP/Metric	Funds r	ecommended	(US\$)	C.E.
		(tonnes)*	Project	Support	Total	(US\$/kg)
SAINT VINCENT AND THE GRENADINES						
SEVERAL						
Ozone unit support						
Extension of the institutional strengthening project (phase VIII: 1/2022-12/2023)	UNEP		\$85,000	\$0	\$85,000	
Total for Saint Vincent and the O	Grenadines		\$85,000		\$85,000	
SAO TOME AND PRINCIPE						
PHASE-OUT PLAN						
HCFC phase out plan						
Verification report on the implementation of stage II of the HCFC phase-out management plan	UNEP		\$30,000	\$3,900	\$33,900	
Approved on the understanding that the verification report should be submitted at least 10 weeks prior to the applicable Executive Committee meeting where the next funding tranche for the HPMP is being sought.						
Total for Sao Tome an	nd Principe		\$30,000	\$3,900	\$33,900	
SENEGAL	_					
SEVERAL						
Ozone unit support						
Extension of institutional strengthening project (phase XIV: 1/2022-12/2023)	UNEP		\$194,689	\$0	\$194,689	
Total f	for Senegal		\$194,689		\$194,689	
SERBIA	or senegui		Ψ12-1,002		Ψ17-1,007	
PHASE-OUT PLAN HCFC phase out plan						
Verification report on the implementation of stage II of the	UNIDO		\$30,000	\$2,700	\$32,700	
HCFC phase-out management plan	UNIDO		\$30,000	Ψ2,700	\$32,700	
Approved on the understanding that the verification report should be submitted at least 10 weeks prior to the applicable Executive Committee meeting where the next funding tranche for the HPMP is being sought.						
SEVERAL						
Ozone unit support						
Extension of institutional strengthening project (phase VIII: 12/2021-11/2023)	UNIDO		\$168,064	\$11,764	\$179,828	
Total	for Serbia		\$198,064	\$14,464	\$212,528	

Project Title	Agency	ODP/Metric	Funds r	ecommended	(US\$)	C.E.
	rigeriej	(tonnes)*	Project	Support	Total	(US\$/kg)
SIERRA LEONE						
PHASE-OUT PLAN						
HFC phase down plan						
Preparation of Kigali HFC implementation plan	UNEP		\$91,000	\$11,830	\$102,830	
Preparation of Kigali HFC implementation plan	UNIDO		\$39,000	\$2,730	\$41,730	
Total for Sie	rra Leone		\$130,000	\$14,560	\$144,560	
SOLOMON ISLANDS						
SEVERAL						
Ozone unit support						
Renewal of institutional strengthening project (phase IX: 7/2022-6/2024)	UNEP		\$85,000	\$0	\$85,000	
Total for Solomo	on Islands		\$85,000		\$85,000	
SOMALIA						
PHASE-OUT PLAN						
HCFC phase out plan						
Preparation of HCFC phase-out management plan (stage II) (Overarching)	UNIDO		\$60,000	\$4,200	\$64,200	
HCFC phase-out management plan (stage I, third tranche)	UNIDO		\$40,000	\$2,800	\$42,800	
Extended, on an exceptional basis, owing to the delays imposed by the coronavirus disease pandemic, the completion date of stage I of the HPMP for Somalia until 31 December 2022 on the understanding that no further extension would be requested; and the Government of Somalia and UNIDO were requested to submit a project completion report to the first meeting in 2023 and to return the remaining funding balance to the second meeting of 2023.						
Total fo	r Somalia		\$100,000	\$7,000	\$107,000	
SUDAN						
SEVERAL						
Ozone unit support						
	UNEP		\$186,701	\$0	\$186,701	
Approved on the understanding that UNEP would not disburse any funding approved to Sudan until UNEP has submitted a letter to the Secretariat indicating the possibility that the planned activities could be implemented in the country.						
Total	for Sudan		\$186,701		\$186,701	

Project Title	Agency	ODP/Metric	Funds r	ecommended	(US\$)	C.E.
	<i>.</i>	(tonnes)*	Project	Support	Total	(US\$/kg)
SYRIA						
PHASE-OUT PLAN						
HFC phase down plan						
Preparation of Kigali HFC implementation plan	UNIDO		\$66,000	\$4,620	\$70,620	
Preparation of Kigali HFC implementation plan	UNEP		\$154,000	\$20,020	\$174,020	
Tot	al for Syria		\$220,000	\$24,640	\$244,640	
THAILAND						
SEVERAL						
Ozone unit support						
Extension of institutional strengthening project (phase X: 1/2022-12/2023)	IBRD		\$443,735	\$31,061	\$474,796	
Total fo	or Thailand		\$443,735	\$31,061	\$474,796	
TIMOR LESTE						
PHASE-OUT PLAN						
HCFC phase out plan						
HCFC phase-out management plan (stage II, second tranche	e) UNDP	0.1	\$41,500	\$3,735	\$45,235	
Approved on the understanding that UNEP would include, as part of the progress report on the implementation of the third tranche of the HPMP, an update on the progress made in improving the enforcement of the licensing and quota system.						
HCFC phase-out management plan (stage II, second tranche	e) UNEP	0.1	\$62,000	\$8,060	\$70,060	
Approved on the understanding that UNEP would include, as part of the progress report on the implementation of the third tranche of the HPMP, an update on the progress made in improving the enforcement of the licensing and quota system.						
SEVERAL						
Ozone unit support						
Extension of institutional strengthening (phase VI: $7/2022-6/2024$)	UNEP		\$85,000	\$0	\$85,000	
Total for T	Γimor Leste	0.2	\$188,500	\$11,795	\$200,295	
TRINIDAD AND TOBAGO						
SEVERAL						
Ozone unit support						
Extension of the institutional strengthening project (phase XI: 12/2021-12/2023)	UNDP		\$85,000	\$5,950	\$90,950	
Total for Trinidad :	and Tobago		\$85,000	\$5,950	\$90,950	

^{*} HCFC in ODP tonnes. HFC in metric tonnes

Project Title	Agency	ODP/Metric	Funds r	ecommended	(US\$)	C.E.
		(tonnes)*	Project	Support	Total	(US\$/kg)
TUNISIA						
PHASE-OUT PLAN						
HFC phase down plan						
Preparation of Kigali HFC implementation plan	UNIDO		\$190,000	\$13,300	\$203,300	
Total	l for Tunisia		\$190,000	\$13,300	\$203,300	
TURKMENISTAN						
PHASE-OUT PLAN						
HCFC phase out plan						
Verification report on the implementation of stage II of the HCFC phase-out management plan	UNIDO		\$30,000	\$2,700	\$32,700	
Approved on the understanding that the verification report should be submitted at least 10 weeks prior to the applicable Executive Committee meeting where the next funding tranche for the HPMI is being sought.						
Total for Tu	ırkmenistan		\$30,000	\$2,700	\$32,700	
UGANDA						
PHASE-OUT PLAN						
HFC phase down plan						
Preparation of Kigali HFC implementation plan	UNEP		\$70,000	\$9,100	\$79,100	
Preparation of Kigali HFC implementation plan	UNIDO		\$30,000	\$2,100	\$32,100	
Total	for Uganda		\$100,000	\$11,200	\$111,200	
URUGUAY						
SEVERAL						
Ozone unit support						
Extension of institutional strengthening project (phase XIV 1/2022-12/2023)	: UNDP		\$193,024	\$13,512	\$206,536	
Total i	for Uruguay		\$193,024	\$13,512	\$206,536	
VANUATU						
SEVERAL						
Ozone unit support						
Extension of institutional strengthening project (phase VIII 7/2022-6/2024)	: UNEP		\$85,000	\$0	\$85,000	
Total t	for Vanuatu		\$85,000		\$85,000	

Project Title	Agency	ODP/Metric	Funds	recommende	d (US\$)	C.E.
		(tonnes)*	Project	Support	Total	(US\$/kg)
VIETNAM						
PHASE-OUT PLAN						
HFC phase down plan						
Preparation of Kigali HFC implementation plan	UNEP		\$35,000	\$4,550	\$39,550	
Preparation of Kigali HFC implementation plan	IBRD		\$185,000	\$12,950	\$197,950	
Т	otal for Vietnam		\$220,000	\$17,500	\$237,500	
ZAMBIA						
PHASE-OUT PLAN						
HFC phase down plan						
Preparation of Kigali HFC implementation plan	UNIDO		\$39,000	\$2,730	\$41,730	
Preparation of Kigali HFC implementation plan	UNEP		\$91,000	\$11,830	\$102,830	
י	Total for Zambia		\$130,000	\$14,560	\$144,560	
ZIMBABWE						
PHASE-OUT PLAN						
HCFC phase out plan						
Verification report on the implementation of stage II of HCFC phase-out management plan	of the UNEP		\$30,000	\$3,900	\$33,900	
Approved on the understanding that the verification reports be submitted at least 10 weeks prior to the applicable Execution Committee meeting where the next funding tranche for the its being sought.	tive					
Tot	al for Zimbabwe		\$30,000	\$3,900	\$33,900	
	GRAND TOTA	L 56.6	\$13,724,773	\$960,624	\$14,685,397	

Summary

Sector	Tonnes	Funds	recommended	(US\$)
	(ODP/Metric)	Project	Support	Total
BILATERAL COOPERATION				
Phase-out plan	3.6	\$413,700	\$53,663	\$467,363
TOTAL:		\$413,700	\$53,663	\$467,363
INVESTMENT PROJECT				
Phase-out plan	53.0	\$4,947,816	\$358,890	\$5,306,706
TOTAL:		\$4,947,816	\$358,890	\$5,306,706
WORK PROGRAMME AMENDMENT	ı			
Refrigeration		\$30,000	\$2,100	\$32,100
Phase-out plan		\$3,695,000	\$346,910	\$4,041,910
Several		\$4,638,257	\$199,061	\$4,837,318
TOTAL:		\$8,363,257	\$548,071	\$8,911,328
Summar	y by Parties and Imp	lementing Agenc	ies	
Germany		\$179,300	\$23,223	\$202,523
Italy	3.6	\$234,400	\$30,440	\$264,840
IBRD	10.0	\$1,686,606	\$118,062	\$1,804,668
UNDP	35.0	\$5,406,763	\$379,903	\$5,786,666
UNEP	0.1	\$3,644,486	\$225,496	\$3,869,982
UNIDO	7.9	\$2,573,218	\$183,500	\$2,756,718
GRAND TOTAL (HCFCs and HFCs)	56.6	\$13,724,773	\$960,624	\$14,685,397