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EXECUTIVE COMMITTEE OF  
THE MULTILATERAL FUND FOR THE  
IMPLEMENTATION OF THE MONTREAL PROTOCOL  
Eighty-fifth Meeting  
Montreal, 25-29 May 2020  
Postponed to 19-22 July 2020\*

**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 120 funding requests for tranches of approved multi-year agreements, projects and activities amounting to US \$51,187,522 (US \$64,606,565 including amounts requested in principle), including agency support costs, where applicable. The funding requests covered:
  - (a) Stage II of the HCFC phase-out management plan (HPMP) for seven countries;
  - (b) Tranches of approved HPMPs for 36 countries and of an approved regional HPMP for 12 Pacific Island countries;
  - (c) Renewals of institutional strengthening (IS) projects for 14 countries;
  - (d) Preparation for stage II of HPMPs for three countries and for stage III for two countries;

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\* Due to coronavirus disease (COVID-19)

- (e) Preparation for a verification report for stage I of HPMP for one country;
- (f) Control and phase-out of HFC-23 emissions in the production of HCFC-22 in two countries;
- (g) Project preparation for HFC-related investment projects in one country;
- (h) Enabling activities for HFC phase-down for four countries; and
- (i) Preparation for HFC phase-down plans for six countries.

3. Following the project review process, 88 funding requests for projects and activities totalling US \$4,391,011, including agency support costs, are recommended for blanket approval, and 25 funding requests totalling US \$33,276,258 (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 \$37,667,269.

*HPMPs submitted and subsequently withdrawn (Honduras, Iraq, Jamaica, Lebanon)*

4. UNIDO, on behalf of the Government of Honduras, submitted the request for the fifth and final tranche of stage I of the HPMP. The Secretariat noted that several conditions pertaining to the UNEP components of stage I for the submission of the fifth tranche of the HPMP<sup>1</sup> had not been fulfilled. Therefore, the Secretariat requested UNIDO to resubmit the proposal to the 86<sup>th</sup> meeting, on the understanding that the conditions set out in decision 84/18 would be fulfilled, including the disbursement targets.

5. At the 84<sup>th</sup> meeting, on behalf of the Government of Iraq, UNEP submitted a request for stage II of the HPMP. Further to the review by the Secretariat, it was agreed that the request be deferred to the 85<sup>th</sup> meeting, once additional progress had been achieved towards the completion of stage I of the HPMP. At the same meeting, the Executive Committee decided to extend the completion of stage I to 31 December 2020 and approved the third and final tranche in the amount of US \$473,384 for UNEP and UNIDO including agency support costs (decision 84/75). UNEP, on behalf of the Government of Iraq, resubmitted the request for stage II of the HPMP to the 85<sup>th</sup> meeting. In reviewing the submission, the Secretariat noted that no substantial progress had been made since the approval of the last tranche of stage I, and that the funding balance was at 70 per cent of the total value of stage I. Furthermore, the activities in stage II related only to the refrigeration servicing sector and were a continuation of those being implemented in stage I. Consequently, UNEP agreed to withdraw the request for stage II of the HPMP, and to resubmit it at the 86<sup>th</sup> meeting, once additional progress and disbursement had been achieved towards completion of stage I.

6. UNDP, on behalf of the Government of Jamaica, submitted the request for the fourth and last tranche of stage I of the HPMP for Jamaica together with the request for stage II of the HPMP. The Secretariat noted that there were discrepancies between the reported 2015-2019 consumption data under Article 7 of the Montreal Protocol and the verification report submitted with the request for stage II; that the consumption trends for HCFCs during the same period in relation to the starting point for aggregate reductions in HCFC consumption would need further explanation; and that verification recommendations, in particular those related to monitoring and reporting of HCFC consumption, would need to be

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<sup>1</sup> Decision 84/18 noted that the fifth and final tranche of stage I of the HPMP could be submitted only once the following conditions had been met: completion of training for customs and enforcement officers, covering 31 customs entry points, on the control of imports of HCFCs and HCFC-based equipment; completion of the establishment of an electronic system for the registration of importers, suppliers and end-users; substantive progress in the revision of technical standards, including safety measures for flammable refrigerants; disbursement of 100 per cent of the total funds approved for the UNEP components of the first, second and third tranches of stage I of the HPMP and disbursement of 70 per cent for the UNEP component of the fourth tranche.

addressed. UNDP agreed to withdraw the request for stage II of the HPMP and to resubmit it to the 86<sup>th</sup> meeting after the aforementioned issues had been addressed. The fourth tranche of stage I has been submitted to the 85<sup>th</sup> meeting, with the on the understanding that the recommendations from the verification report would be implemented, thus strengthening the HCFC data monitoring and reporting system in Jamaica.

7. UNDP, on behalf of the Government of Lebanon, submitted the request for the third tranche of stage II of the HPMP, which was due at the second meeting in 2021. The reason given for the advanced submission was that funds approved for the second tranche would not be sufficient to implement the investment projects planned under the tranche. In reviewing the request, the Secretariat noted that US \$457,000, available from the previous tranche, was planned for disbursement during 2020. As the balance could be used to implement the investment component of the tranche, UNDP agreed to withdraw the tranche request.

#### *IS renewal requests*

8. The Secretariat reviewed the terminal reports and requests for extension of IS funding for 14 countries against relevant decisions, including decision 74/51(c) on the funding level for IS projects, and decision 74/51(e) on the requirement to include specific performance indicators for planned activities. All requests were cross-checked against: previous IS reports; progress reports on the implementation of country programmes (CP); data reported under Article 7 of the Montreal Protocol; the latest reports on the implementation of HPMPs; bilateral and implementing agencies' progress reports submitted to the 84<sup>th</sup> meeting; and relevant decisions on compliance adopted by the Parties to the Montreal Protocol. All countries had 2018 CP implementation data, and two countries had submitted the 2019 data as at the submission date of their requests for extension. All countries reported that they had achieved all or a majority 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 85<sup>th</sup> meeting for blanket approval.

#### *Funding withheld pending submission of verification reports or meeting specific conditions*

9. No approved funds are currently being withheld by the Treasurer pending submission of a verification report or meeting a specific condition.

#### *Summary of prices of the controlled substances and alternatives*

10. At its 79<sup>th</sup> meeting,<sup>2</sup> the Executive Committee requested the Secretariat to include in this document a summary of the prices of the controlled substances and the alternatives to be phased in, as communicated by enterprises requesting funding in any new project proposal, including clarification of any differences between those and the prices reported in the CP data report. No new investment projects are being presented for consideration at the 85<sup>th</sup> meeting.

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

11. During the project review process, the Secretariat noted that Governments from Article 5 countries and bilateral and implementing agencies had been able to adapt some of their operations to continue implementing activities under the Multilateral Fund to overcome the limitations imposed by the COVID-19 pandemic. Upon a request by the Secretariat, bilateral and implementing agencies provided examples of actions that have been implementing in light of COVID-19, as summarized below.

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<sup>2</sup> Decision 79/4(c)

12. At the beginning of the year, UNDP organized missions to Cambodia, Cuba, the Dominican Republic, Egypt, India, Indonesia, Malaysia, Mexico and Peru. Although missions were not allowed from March 2020, UNDP continued to implement the projects through their country offices, staying in communication with NOUs and providing support remotely (through on-line meetings) on *inter alia* preparation of annual work plans, review of project-related documents, procurement, clarification of policy and technical issues, submission of tranche requests, drafting of project completion reports, and financial disbursement. In April 2020, UNDP organized a teleconference with the Government of China and related associations and universities in the industrial and commercial refrigeration and solvent sectors to discuss the revision of stage II of the HPMP.

13. Notwithstanding delays in some aspects of project implementation at the country level, UNDP submitted 19 projects with a total funding request of US \$16.4 million, as well as all the reports on projects with specific reporting requirements due to the 85<sup>th</sup> meeting, and implemented approximately US \$5 million in activities during the first quarter of 2020. UNDP expects that it will be able to implement up to US \$30 million in activities in 2020 should the situation improve over the remaining time and should the projects submitted to the 85<sup>th</sup> meeting be approved. UNDP believes that the support for the cooling sector will increase the resilience of Article 5 countries and communities in relation to food security, human health and productivity in their responses to COVID-19. Recognizing the importance and the need for capacity building for the implementation of the Kigali Amendment, UNDP is organizing a series of on-line webinars to exchange information among Article 5 countries and provide training to the NOUs and stakeholders remotely.<sup>3</sup>

14. UNEP provided several examples on how it continued to work with representatives from the Governments in delivering on its mandate through virtual means. In West Asia, the Government of Qatar and UNEP teamed up to deliver a three-day remote refrigeration train-the-trainer event in cooperation with the University of Qatar and the Italian Association of Refrigeration Technicians (ATF).<sup>4</sup> In Europe, UNEP established monthly virtual meetings for the national ozone officers and held a webinar on several aspects of the Montreal Protocol with the participation of the Ozone Secretariat. In Asia, UNEP assisted Mongolia in the organization of one virtual stakeholder consultation and one awareness workshop on safety and energy efficiency standards for refrigeration and air-conditioning (RAC) equipment, with 45 participants. In Latin America, UNEP re-designed the network meeting as webinars, with the first one to take place in late May 2020 on “gender mainstreaming in Multilateral Fund projects” and another one on HFCs organized by Paraguay with the participation of six countries. Other activities include the verification of HCFC consumption in Saint Vincent and the Grenadines, which is being conducted remotely through interviews with customs department and importers, and provision of relevant documentation to the independent verifier.

15. UNEP also continued to deliver its services at the global level. On 10 June 2020, UNEP will hold an international webinar on alternative lower-global-warming-potential (GWP) refrigerants for high-ambient temperature (HAT) countries in lieu of the training programme to be held on March 2020 in Dubai that was subsequently cancelled. UNEP continued to work with its global partners on ongoing activities including the celebration of the World Refrigeration Day (WRD) with the WRD Secretariat, the American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE), the International Institute of Refrigeration (IIR), the European Partnership for Energy and the Environment (EPEE), and the

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<sup>3</sup> For example: how to safely work in the RAC sector with COVID-19, with special attention to the reopening of the economy (English and Spanish, April 2020); training on CO<sub>2</sub> in commercial refrigeration for RAC technicians (two theoretical seminars and one practical seminar via web), (English, April and Spanish, May 2020); data reporting and licensing and quota system for HFCs (English-speaking countries in Latin America and the Caribbean, May/June 2020); training on safe handling of hydrocarbons for RAC technicians (June 2020); and training on CO<sub>2</sub> technology for countries in East Europe and Africa (June 2020)).

<sup>4</sup> <https://www.unenvironment.org/ozonaction/news/news/first-montreal-protocol-related-online-training-during-covid-19-pandemic>

Global Food Cold Chain Council (GFCCC); the promotion of the ASHRAE-UNEP e-learning programme on refrigerants; and web-orientation sessions on a variety of subjects including HFCs and cold chain for NOUs and national experts in at least seven countries. In May and June 2020 UNEP launched or planned updates to its smartphone applications (WhatGas? and OzonAction GWP-ODP calculator); developed a new factsheet on the refrigeration servicing tail for HCFCs;<sup>5</sup> updated existing factsheets on refrigerants; and produced videos on flammable refrigerant safety addressed to refrigeration technician. UNEP also continued to deliver the OzoNews biweekly.

16. During the project review process, UNIDO provided a few examples of how its work has been adapted in light of the limitations caused by COVID-19. This was the case for the HPMP for Guatemala, which required the completion of a verification report on HCFC consumption that had to be put on hold due to travel restrictions. In view of this, the Government of Guatemala, together with UNIDO and the verifier, discussed and agreed on a procedure to finalize the verification in a remote manner. As a result, on 20 April 2020 UNIDO sent a letter to the Ministry of Environment requesting support and the required information, and informing the Government that the verifier would contact relevant stakeholders. UNIDO also amended the verifier's terms of reference in line with the new approach. The same approach is being followed by UNIDO to complete the verification of HCFC consumption for Honduras, which is due at the 86<sup>th</sup> meeting.

17. UNIDO also conducted the training workshop on good refrigeration practices with an emphasis on safe handling of flammable refrigerants online from 27 to 30 April 2020, with the participation of 15 refrigeration experts from Equatorial Guinea. The training included theoretical and practical sessions, and was successfully completed with positive feedback from the participants, who were able to share examples online of applying the concepts they had learned using their equipment. UNIDO also provided equipment and tools for the project, which is seen as a first step toward starting a group of local experts that will be able to provide the training throughout all the regions of the country. UNIDO is currently conducting a more comprehensive E-training in Ecuador with expected 100 participants in total. UNIDO has also modified the way to operate during project formulation; especially, the role of international experts, who due to travel restrictions would have a much larger workload on supervision of local consultants on data collection, baseline information and other activities. This was an urgent matter to resolve due to the large number of submissions planned for 86<sup>th</sup> meeting.

18. The World Bank has also adapted its programme of work in light of COVID-19. The missions to country partners, which usually take place twice a year with the participation of the project management leader, technical staff, financial and procurement specialists, and environmental and social safeguard specialists, have been conducted remotely through video and audio conferencing software. So far, three virtual missions have taken place and another virtual mission has been scheduled for a fourth country. In addition to the missions, each team continues to have separate conference calls on specific topics with the staff of the project management units, NOUs, and other project stakeholders. To date, these discussions have numbered more than a dozen and have ranged from legal, administrative, or procurement matters to advice on technical and policy matters. For one country, two video conferences included beneficiary enterprises to clarify data and implementation arrangements in the context of subproject appraisal; for another country, a discussion was held with chemical suppliers on the availability of low-GWP alternatives. Various consultants hired to assist countries with their HFC enabling activities and other technical work are conducting their work through virtual meetings and electronic communication.

19. Article 5 countries have also continued their enforcement measures during COVID-19. For example, China recently reported the first case of criminal punishment related to the illegal use of CFC-11; an enterprise that was found to have illegally used 849.5 metric tonnes (mt) of CFC-11 over three years to produce pre-blended polyols was fined 700,000 Renminbi (RMB) (approximately US \$100,000), and

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<sup>5</sup> <https://wedocs.unep.org/bitstream/handle/20.500.11822/31933/HCFCtail.pdf?sequence=1&isAllowed=y>

forfeited more than 1.4 million RMB (US \$197,600) in profits from the sale of those systems. The enterprise's legal representative was fined a further 50,000 RMB (US \$7,000) and sentenced to 10 months in prison.<sup>6</sup>

20. In Kyrgyzstan, a new Government resolution on customs codes and mandatory quarterly reporting of imports of HFCs and natural refrigerants was remotely negotiated with Government representatives and adopted at the end of April 2020. In Armenia, a decision of the Prime Minister to ensure the implementation of the newly adopted ODS regulation was drafted, agreed within the Ministry and submitted to the Government; a guide on flammable refrigerants brochure was translated, edited, and printed (the printed copies are yet stored at the publishing house until the quarantine expires). A contact with the NOU of the United Arab Emirates (UAE) has been established to investigate an import of HCFC-22 to Armenia in 2018 which was not reported by the UAE.

### **Issues identified during project review**

#### *Potential delay in implementation of time-sensitive HFC related activities*

21. During the project review process, after the coronavirus was declared a pandemic, the Secretariat prepared a list of ongoing projects with a completion date prior to 1 January 2021, several of which were approved on the understanding that funding balances would be returned if they were not completed at the completion date decided by the Executive Committee. These projects relate to HFC-investment projects, enabling activities for the phase-down of HFCs, and a few low-GWP demonstration projects. The list was sent to bilateral and implementing agencies requesting them to indicate those projects that might be delayed due to COVID-19.

22. In response to the Secretariat's request, a few bilateral and implementing agencies anticipated that several of the ongoing projects could be delayed given the evolution of the pandemic across the world and the changing conditions in the countries. Given the uncertainties prevailing *inter alia* lifting international travel constraints, reactivating engagement of international consultants, allowing workshops and meetings in countries, a precise completion date for those activities could not be provided. It was noted that for some of the enabling activities for HFC phase-down, the Executive Committee had already extended their completion dates, in line with decision 81/32(a); in several cases the revised completion date was extended to June 2020. Therefore, the bilateral and implementing agencies were seeking the advice from the Executive Committee on how to proceed.

23. The Secretariat notes that the agencies continue working with Article 5 countries to implement all the ongoing projects to the best of their abilities, adapting and modifying their procedures in light of COVID-19; it also notes the uncertainties prevailing on the reactivation of the regular activities in the various countries. Based on these facts, the Executive Committee may wish to advise bilateral and implementing agencies to continue assisting all Article 5 countries in implementing the ongoing activities considering the constraints imposed by COVID-19, irrespective of their completion dates, and report back to the 86<sup>th</sup> meeting on those specific activities that require an extension of their completion dates.

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<sup>6</sup> Further information on this and other actions undertaken by the Government of China to strengthen its monitoring, reporting, verification and enforcement systems will be provided in the report to be submitted to the 86<sup>th</sup> meeting, in line with decision 83/41.

*Requests for preparatory funding for HFC phase-down plans included in the work programmes of UNDP, UNEP and UNIDO*

24. Three implementing agencies included six requests for project preparation for HFC phase-down plans for five countries as part of their work programmes (UNDP,<sup>7</sup> UNEP,<sup>8</sup> and UNIDO<sup>9</sup>) for 2020, as summarized in Table 1. The submissions were based on the format for project preparation of stages of the HPMPs.

**Table 1: Requests for HFC phase-down projects submitted to the 85<sup>th</sup> meeting**

Country	Project title	Implementing agency	Cost (US \$)
Albania	Preparation of HFC phase-down plan	UNIDO	63,500
	Preparation of HFC phase-down plan	UNEP	31,500
Costa Rica	Preparation of HFC phase-down plan	UNDP	150,000
Cuba	Preparation of HFC phase-down plan	UNDP	150,000
Jordan	Preparation of HFC phase-down plan	UNIDO	150,000
Uruguay	Preparation of HFC phase-down plan	UNDP	150,000
Sub-total			695,000
Agency support cost			48,650
<b>Total cost</b>			<b>743,650</b>

25. Each lead agency provided a description of the activities required for the preparation of the overarching strategy for HFC phase-down which included stakeholder meetings and consultations, a communication and outreach plan, and capacity-building activities. The submissions also included estimated imports of HFCs and HFC blends for 2015-2018. The amounts requested were based on each country's HCFC baseline consumption and used the eligible funding levels for enabling activities contained in decision 79/46(c).

26. The Secretariat noted 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 (decision 84/54(a)(iii)). The Secretariat further noted that guidelines for funding the preparation of HFC phase-down plans will be considered under agenda item 12(c) – Draft guidelines for the preparation of HFC phase-down plans for Article 5 countries (decision 84/54(a)).

27. In the absence of guidelines for funding the preparation of HFC phase-down plans at the time of submission and a decision impeding the submission of requests for such funding, the Secretariat reviewed the submissions based on past experience in analysing project preparation requests for HPMPs taking into account relevant guidance and policies of the Executive Committee. The Secretariat's review of these requests is contained in the respective work programmes of each implementing agency. The Secretariat was unable to make a recommendation on these requests, as guidelines on funding these requests will be discussed only at the 85<sup>th</sup> meeting.

28. The Executive Committee may wish to consider the requests for the preparation of HFC phase-down management plans for the five countries listed in Table 1 once the guidelines for funding the preparation of HFC phase-down management plans have been agreed, in line with decision 84/54(a)(iii), in the context of the discussion of the work programmes of UNDP, UNEP, and UNIDO.

<sup>7</sup> UNEP/OzL.Pro/ExCom/85/15

<sup>8</sup> UNEP/OzL.Pro/ExCom/85/16

<sup>9</sup> UNEP/OzL.Pro/ExCom/85/17

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

29. At the 85<sup>th</sup> meeting, the Governments of Jamaica<sup>10</sup> and Serbia submitted proposals for stage II of their HPMPs that requested funding based on the total phase-out of HCFCs, although the proposed phase-out targets were for a reduction of 97.5 per cent of the respective country's baselines at a given year, while continuing to consume up to 2.5 per cent of their baseline (i.e., the "servicing tail") after that year.

30. In its review of stage II of the HPMP for Serbia,<sup>11</sup> the Secretariat took into consideration the following decisions by the Executive Committee and the Parties to the Montreal Protocol:

- (a) Decision 74/50(c)(xii) on *inter alia* the maximum level of funding available to low-volume-consuming (LVC) countries to meet their 35 per cent reduction target from the baseline (2020), 67.5 per cent reduction target (2025), and the 100 per cent target, noting that these guidelines do not specify a funding level to meet the 97.5 per cent target only;
- (b) Article 5, paragraph 8 ter(e)(i) of the Montreal Protocol *inter alia* specifies that Article 5 countries' consumption between 2030 and 2040 may exceed zero in any year, so long as the sum of its calculated levels of consumption over the ten-year period from 1 January 2030 to 1 January 2040, divided by ten, does not exceed 2.5 per cent of the Party's baseline, provided that such consumption is restricted to certain specified uses;<sup>12</sup> and
- (c) Paragraph 13 of decision XIX/6, through which the Parties to the Montreal Protocol decided *inter alia* to review in 2025 the need for the annual average of 2.5 per cent for servicing for Article 5 countries.

31. In considering the possible level of consumption in Serbia after the completion of the HPMP and post 2030, several issues were identified: it was not clear how such HCFC consumption and such specific uses would be monitored and verified; whether and how a penalty would be applied in the unlikely event that the country's consumption was more than 2.5 per cent of its baseline in 2030-2040, or to consume HCFCs for a use other than that specified in the Article 5 of the Protocol; how the country would modify its licensing and quota system to ensure compliance with the relevant obligations outlined in its Agreement with the Executive Committee; the date of completion of the HPMP given that HCFC consumption would continue until 1 January 2040; the roles and responsibilities of the lead and cooperating agencies during the 2030-2040 period; and whether funding would be available beyond 2030.

32. During the project review process, the Government of Serbia decided to revise its plan of action to meet only the 67.5 per cent reduction target by 2025, with the remaining HCFC consumption to be addressed in stage III. Therefore, there was no need to address the issues associated with the servicing tail in the context of the HPMP for Serbia.

33. However, it could be expected that some of the stage II of the HPMPs for 49 Article 5 countries that might be submitted to the 86<sup>th</sup> meeting, may request the funding allowed for the total phase-out of HCFCs, but phasing out only 97.5 per cent of the HCFC baseline at a given year, and consuming the

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<sup>10</sup> As previously mentioned, due to discrepancies on the HCFC consumption data reported under Article 7 of the Protocol and the verification report, stage II of the HPMP was withdrawn.

<sup>11</sup> UNEP/OzL.Pro/ExCom/85/46

<sup>12</sup> The servicing of RAC equipment existing on 1 January 2030; and the servicing of fire suppression and fire protection equipment existing on 1 January 2030; solvent applications in rocket engine manufacturing; and topical medical aerosol applications for the specialized treatment of burns.



remaining 2.5 per cent as the “servicing tail” after 2030 and the completion year of the project (i.e., when the 97.5 per cent reduction in consumption has been achieved).

34. For these cases, given the unforeseeable issues that may arise during the implementation of an HPMP over a period up to 20 years, with very low allowable levels of HCFC consumption after 2030 and a potential high risk of non-compliance with a target that specifies a maximum of 2.5 per cent of the baseline in any given year, rather than the more flexible provisions under the Montreal Protocol, the Secretariat would advise the Executive Committee to approve funding up to 2025 in line with the existing decisions, and that the country concerned could request additional funding for a final stage once the Parties to the Montreal Protocol had reviewed the need for the annual average of 2.5 per cent for servicing for Article 5 countries, in line with paragraph 13 of decision XIX/6.

### **Projects and activities submitted for blanket approval**

#### Verification reports of LVC countries’ compliance with their HPMP agreements

35. In line with decision 61/46(c),<sup>13</sup> the Secretariat selected a sample of 16 Article 5 countries for the purpose of verifying compliance with the HPMP agreement, as shown in Table 3. The main criteria used to select the countries for verification were the proximity of the next tranche of their HPMP (2021) and, where possible, not having been previously selected for verification. As only one Article 5 country classified as an LVC country had not been previously selected to undertake verification (Timor Leste), the Secretariat used additional criteria for selection: that their previous verification should have been approved more than three years ago and was completed, in addition to the criteria of geographic distribution, level of consumption, and distribution among bilateral and implementing agencies. The countries selected (six in Africa, two in Asia, three in Europe, and five in Latin America and the Caribbean) are listed in Table 2.

**Table 2. Sample of Article 5 countries for verification of compliance with their HPMP agreement**

No.	Country	HCFC baseline (mt)	Lead/cooperating agency	Next tranche request
1	Barbados	66.73	UNEP/UNDP	2021
2	Bosnia and Herzegovina	70.65	UNIDO	2021
3	Burundi	129.20	UNEP	2021
4	Dominica	7.24	UNEP	2021
5	Equatorial Guinea	114.36	UNEP/UNIDO	2021
6	Eswatini	81.74	UNEP/UNDP	2021
7	Guyana	31.02	UNEP/UNDP	2021
8	Haiti	66.00	UNEP	2021
9	Mali	272.25	UNEP/UNDP	2021
10	Mozambique	118.18	UNEP/UNIDO	2021
11	Myanmar	77.80	UNEP	2021
12	North Macedonia	32.78	UNIDO	2021
13	Republic of Moldova (the)	17.00	UNDP/UNEP	2021
14	Sierra Leone	30.37	UNEP/UNIDO	2021
15	Suriname	35.92	UNEP/UNIDO	2021
16	Timor-Leste	9.08	UNEP/UNDP	2021

#### *Secretariat’s recommendation*

36. The Executive Committee may wish to request relevant bilateral and implementing agencies to include in their amendments to their respective work programmes, due for submission to the 86<sup>th</sup> meeting, funding in the amount of US \$30,000 plus agency support costs for verification reports for stage II or

<sup>13</sup> 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.

stage III of the HPMPs for Barbados, Bosnia and Herzegovina, Burundi, Dominica, Equatorial Guinea, Eswatini, Guyana, Haiti, Mali, Mozambique, Myanmar, North Macedonia, Republic of Moldova (the), Sierra Leone, Suriname, and Timor-Leste.

### Projects and activities recommended for blanket approval

37. Annex I to the present document lists 88 funding requests for projects and activities totalling US \$4,391,011, including agency support costs, that are recommended for blanket approval. The approval of these projects would include the relevant conditions or provisions in the corresponding project evaluation sheets, as well as the approval of implementation programmes associated with the relevant tranches of multi-year projects.

### **Investment projects for individual consideration**

38. After review by the Secretariat, 25 funding requests for projects/activities totalling US \$33,276,258, including agency support costs, are proposed for individual consideration.

39. 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 3.

**Table 3. Investment projects submitted for individual consideration**

Country	Project	Agency	ExCom document	Issue
<b>Stage II of HPMPs</b>				
Afghanistan	HCFC phase-out management plan (stage II)	UNEP/UNIDO	85/18	New stage II. All cost and policy issues addressed
Albania	HCFC phase-out management plan (stage II)	UNIDO	85/19	New stage II. All cost and policy issues addressed
Malawi	HCFC phase-out management plan (stage II)	UNEP/UNIDO	85/37 and Corr.1	New stage II. All cost and policy issues addressed
Montenegro	HCFC phase-out management plan (stage II)	UNIDO	85/39	New stage II. All cost and policy issues addressed; accelerated HPMP with total phase-out in 2025
Serbia	HCFC phase-out management plan (stage II)	UNIDO	85/46	New stage II. All cost and policy issues addressed
<b>Tranche requests of stage I, stage II HPMPs</b>				
China (Overarching)	HCFC phase-out management plan (stage II)	UNDP/UNEP/UNIDO/World Bank/Germany/Italy/Japan	85/21	Financial reporting format for the project implementation and monitoring unit expenditures
China (XPS foam)	HCFC phase-out management plan (stage II, third tranche)	UNIDO/Germany	85/21	Tranche above US \$5 million. All technical and cost issues resolved
China (PU foam)	HCFC phase-out management plan (stage II, second tranche)	World Bank	85/21	All technical and cost issues resolved
China (ICR)	HCFC phase-out management plan (stage II, third tranche)	UNDP	85/21	All technical and cost issues resolved
China (Solvent)	HCFC phase-out management plan (stage II, third tranche)	UNDP	85/21	Tranche above US \$5 million. All technical and cost issues resolved
Guinea	HCFC phase-out management plan (stage I,	UNEP/UNIDO	85/29 and Corr.1	Change of starting point and extension of stage I, all

Country	Project	Agency	ExCom document	Issue
	third tranche)			technical and cost issues resolved
Senegal	HCFC phase-out management plan (stage I, third and fourth tranches)	UNEP/UNIDO	85/45	Combined tranches and extension of stage I, all technical and cost issues resolved
<b>HFC-23 by product emissions</b>				
Argentina	Project to control HFC-23 by-product emissions	UNIDO	85/64	Policy issues and no agreement on costs
Mexico	Project to control HFC-23 by-product emissions	UNIDO	85/65	Two policy issues may affect costs

# List of projects and activities recommended for blanket approval

UNEP/OzL.Pro/ExCom/85/13  
Annex I

Project Title	Agency	ODP/Metric (tonnes)*	Funds recommended (US\$)			C.E. (US\$/kg)
			Project	Support	Total	
<b>AFGHANISTAN</b>						
<b>PHASE-OUT PLAN</b>						
<b>HCFC phase out plan</b>						
HCFC phase-out management plan (stage I, fourth tranche)	UNEP		\$40,825	\$5,307	\$46,132	
HCFC phase-out management plan (stage I, fourth tranche)	UNIDO		\$28,276	\$2,545	\$30,821	
<b>Total for Afghanistan</b>			<b>\$69,101</b>	<b>\$7,852</b>	<b>\$76,953</b>	
<b>ALBANIA</b>						
<b>PHASE-OUT PLAN</b>						
<b>HCFC phase out plan</b>						
HCFC phase-out management plan (stage I, fifth tranche)	UNEP		\$8,500	\$1,105	\$9,605	
HCFC phase-out management plan (stage I, fifth tranche)	UNIDO		\$23,000	\$2,070	\$25,070	
<b>Total for Albania</b>			<b>\$31,500</b>	<b>\$3,175</b>	<b>\$34,675</b>	
<b>ALGERIA</b>						
<b>PHASE-OUT PLAN</b>						
<b>HCFC phase out plan</b>						
Preparation of a HCFC phase-out management plan (stage II)	UNIDO		\$60,000	\$4,200	\$64,200	
Preparation of a HCFC phase-out management plan (stage II) (foam sector)	UNIDO		\$50,000	\$3,500	\$53,500	
Preparation of a HCFC phase-out management plan (stage II) (air-conditioning sector)	UNIDO		\$50,000	\$3,500	\$53,500	
<b>Total for Algeria</b>			<b>\$160,000</b>	<b>\$11,200</b>	<b>\$171,200</b>	
<b>BAHRAIN</b>						
<b>SEVERAL</b>						
<b>Ozone unit support</b>						
Extension of the institutional strengthening project (phase X: 6/2020-5/2022)	UNEP		\$85,000	\$0	\$85,000	
<b>Total for Bahrain</b>			<b>\$85,000</b>		<b>\$85,000</b>	
<b>BELIZE</b>						
<b>SEVERAL</b>						
<b>Technical assistance/support</b>						
Enabling activities for HFC phase-down	Canada		\$40,000	\$2,800	\$42,800	

## List of projects and activities recommended for blanket approval

UNEP/OzL.Pro/ExCom/85/13  
Annex I

Project Title	Agency	ODP/Metric (tonnes)*	Funds recommended (US\$)			C.E. (US\$/kg)
			Project	Support	Total	
Enabling activities for HFC phase-down	UNDP		\$55,000	\$3,850	\$58,850	
<b>Total for Belize</b>			<b>\$95,000</b>	<b>\$6,650</b>	<b>\$101,650</b>	
<b>BRUNEI DARUSSALAM</b>						
<b>PHASE-OUT PLAN</b>						
<b>HCFC phase out plan</b>						
HCFC phase-out management plan (stage I, fourth tranche)	UNDP		\$6,600	\$594	\$7,194	
HCFC phase-out management plan (stage I, fourth tranche)	UNEP		\$25,500	\$3,315	\$28,815	
<b>Total for Brunei Darussalam</b>			<b>\$32,100</b>	<b>\$3,909</b>	<b>\$36,009</b>	
<b>BURUNDI</b>						
<b>PHASE-OUT PLAN</b>						
<b>HCFC phase out plan</b>						
Preparation of a HCFC phase-out management plan (stage II)	UNIDO		\$10,000	\$700	\$10,700	
Preparation of a HCFC phase-out management plan (stage II)	UNEP		\$20,000	\$2,600	\$22,600	
<b>SEVERAL</b>						
<b>Technical assistance/support</b>						
Enabling activities for HFC phase-down	UNEP		\$150,000	\$10,500	\$160,500	
<b>Total for Burundi</b>			<b>\$180,000</b>	<b>\$13,800</b>	<b>\$193,800</b>	
<b>CHILE</b>						
<b>PHASE-OUT PLAN</b>						
<b>HCFC phase out plan</b>						
HCFC phase-out management plan (stage II, third tranche) (refrigeration servicing sector)	UNIDO	4.3	\$103,070	\$7,215	\$110,285	
<i>The Government, through UNDP as lead implementing agency, was requested to submit progress reports on a yearly basis on the implementation of the work programme associated with the final tranche until the completion of the project, verification reports until approval of stage III, and the project completion report to the first meeting in 2023.</i>						

# List of projects and activities recommended for blanket approval

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Annex I

Project Title	Agency	ODP/Metric (tonnes)*	Funds recommended (US\$)			C.E. (US\$/kg)
			Project	Support	Total	
HCFC phase-out management plan (stage II, third tranche) (refrigeration servicing sector) <i>The Government, through UNDP as lead implementing agency, was requested to submit progress reports on a yearly basis on the implementation of the work programme associated with the final tranche until the completion of the project, verification reports until approval of stage III, and the project completion report to the first meeting in 2023.</i>	UNEP	1.0	\$21,827	\$2,837	\$24,664	
HCFC phase-out management plan (stage II, third tranche) (foam sector) <i>The Government, through UNDP as lead implementing agency, was requested to submit progress reports on a yearly basis on the implementation of the work programme associated with the final tranche until the completion of the project, verification reports until approval of stage III, and the project completion report to the first meeting in 2023.</i>	UNDP	1.1	\$42,181	\$2,952	\$45,133	
	<b>Total for Chile</b>	<b>6.4</b>	<b>\$167,078</b>	<b>\$13,004</b>	<b>\$180,082</b>	
<b>COLOMBIA</b>						
<b>PHASE-OUT PLAN</b>						
<b>HCFC phase out plan</b>						
Preparation of a HCFC phase-out management plan (stage III)	UNDP		\$60,000	\$4,200	\$64,200	
	<b>Total for Colombia</b>		<b>\$60,000</b>	<b>\$4,200</b>	<b>\$64,200</b>	
<b>COOK ISLANDS</b>						
<b>PHASE-OUT PLAN</b>						
<b>HCFC phase out plan</b>						
HCFC phase-out management plan for PIC countries through regional approach (stage I, third tranche)	UNEP		\$9,900	\$1,287	\$11,187	
	<b>Total for Cook Islands</b>		<b>\$9,900</b>	<b>\$1,287</b>	<b>\$11,187</b>	
<b>CUBA</b>						
<b>PHASE-OUT PLAN</b>						
<b>HCFC phase out plan</b>						
HCFC phase-out management plan (stage I, fifth tranche) <i>UNDP was requested to continue assisting the Government in securing the supply of low-GWP alternative technology and to provide, to the 86th meeting, a report on the status of the conversion of the two enterprises (Friarc and IDA), including, in the event of use of a technology other than that selected when the project was approved, a detailed analysis of the incremental capital and operating costs, along with an update from the suppliers on the progress made towards ensuring that the selected technologies, including associated components, were available on a commercial basis in the country.</i>	UNDP		\$56,000	\$4,200	\$60,200	
	<b>Total for Cuba</b>		<b>\$56,000</b>	<b>\$4,200</b>	<b>\$60,200</b>	

\* HCFC in ODP tonnes. HFC in metric tonnes

# List of projects and activities recommended for blanket approval

UNEP/OzL.Pro/ExCom/85/13  
Annex I

Project Title	Agency	ODP/Metric (tonnes)*	Funds recommended (US\$)			C.E. (US\$/kg)
			Project	Support	Total	
<b>ECUADOR</b>						
<b>PHASE-OUT PLAN</b>						
<b>HCFC phase out plan</b>						
HCFC phase-out management plan (stage I, fifth tranche)	UNIDO		\$55,000	\$4,125	\$59,125	
HCFC phase-out management plan (stage I, fifth tranche)	UNEP		\$10,000	\$1,300	\$11,300	
	<b>Total for Ecuador</b>		<b>\$65,000</b>	<b>\$5,425</b>	<b>\$70,425</b>	
<b>ERITREA</b>						
<b>PHASE-OUT PLAN</b>						
<b>HCFC phase out plan</b>						
HCFC phase-out management plan (stage I, third tranche)	UNEP		\$21,000	\$2,730	\$23,730	
<i>Approved on the understanding that if Eritrea were to decide to proceed with retrofits and associated servicing to flammable and toxic refrigerants in refrigeration and air-conditioning equipment originally designed for non flammable substances, it would do so assuming all associated responsibilities and risks and only in accordance with the relevant standards and protocols; and that relevant actions and activities recommended by the verification report will be included in the development and implementation of stage II of the HPMP for Eritrea.</i>						
	<b>Total for Eritrea</b>		<b>\$21,000</b>	<b>\$2,730</b>	<b>\$23,730</b>	
<b>ETHIOPIA</b>						
<b>PHASE-OUT PLAN</b>						
<b>HCFC phase out plan</b>						
HCFC phase-out management plan (stage I, third tranche)	UNEP		\$35,000	\$4,550	\$39,550	
<i>Approved, on an exceptional basis given potential further delay in implementing phase-out activities due to the COVID-19 pandemic, 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 Ethiopia to 31 December 2022. 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 first meeting of the Executive Committee in 2023. Approved on the understanding that UNEP, UNIDO and the Government will intensify efforts to implement the activities in stage I of the HPMP; that UNEP would submit a progress report to the first meeting of 2021 on the implementation of activities, including disbursements achieved; and that the Government could submit its stage II of the HPMP once 80 per cent of the total funds approved for UNIDO had been disbursed.</i>						
	<b>Total for Ethiopia</b>		<b>\$35,000</b>	<b>\$4,550</b>	<b>\$39,550</b>	

\* HCFC in ODP tonnes. HFC in metric tonnes

# List of projects and activities recommended for blanket approval

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Annex I

Project Title	Agency	ODP/Metric (tonnes)*	Funds recommended (US\$)			C.E. (US\$/kg)
			Project	Support	Total	
<b>GEORGIA</b>						
<b>PHASE-OUT PLAN</b>						
<b>HCFC phase out plan</b>						
HCFC phase-out management plan (stage I, fourth tranche)	UNDP		\$31,500	\$2,363	\$33,863	
<b>SEVERAL</b>						
<b>Ozone unit support</b>						
Extension of the institutional strengthening project (phase XI: 7/2020-6/2022)	UNDP		\$85,000	\$5,950	\$90,950	
<b>Total for Georgia</b>			<b>\$116,500</b>	<b>\$8,313</b>	<b>\$124,813</b>	
<b>GUATEMALA</b>						
<b>PHASE-OUT PLAN</b>						
<b>HCFC phase out plan</b>						
HCFC phase-out management plan (stage I, fifth tranche)	UNIDO		\$33,000	\$2,475	\$35,475	
<i>Approved on an exceptional basis and without setting a precedent, and on the understanding that the Treasurer would be requested to transfer the funds to UNIDO upon approval; UNIDO had committed to submitting the verification report to the Secretariat no later than 12 weeks prior to the 86th meeting; the recommendations included in the verification report would be addressed during the implementation of the fifth tranche of stage I of the HPMP, and that the actions implemented towards that end would be included in the progress report of stage I of the HPMP to be submitted as part of the country's request for stage II of the HPMP for Guatemala; and in the event that the verification report confirmed that Guatemala had not been in compliance with the Montreal Protocol and its Agreement with the Executive Committee, the Secretariat would inform the Executive Committee so that relevant actions, inter alia, the application of the penalty clause, could be considered at the 86th meeting.</i>						
<b>Total for Guatemala</b>			<b>\$33,000</b>	<b>\$2,475</b>	<b>\$35,475</b>	
<b>GUINEA</b>						
<b>SEVERAL</b>						
<b>Ozone unit support</b>						
Enabling activities for HFC phase-down	UNEP		\$150,000	\$10,500	\$160,500	
Extension of the institutional strengthening project (phase XI: 7/2020-6/2022)	UNEP		\$85,000	\$0	\$85,000	
<b>Total for Guinea</b>			<b>\$235,000</b>	<b>\$10,500</b>	<b>\$245,500</b>	



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Project Title	Agency	ODP/Metric (tonnes)*	Funds recommended (US\$)			C.E. (US\$/kg)
			Project	Support	Total	
<b>GUINEA-BISSAU</b>						
<b>PHASE-OUT PLAN</b>						
<b>HCFC phase out plan</b>						
HCFC phase-out management plan (stage I, fourth tranche)	UNEP		\$28,000	\$3,640	\$31,640	
<i>UNEP was requested to include, as part of the submission for stage II of the HPMP for Guinea Bissau, an update on progress towards implementing the recommendations in the verification report submitted to the 85th meeting.</i>						
<b>Total for Guinea-Bissau</b>			<b>\$28,000</b>	<b>\$3,640</b>	<b>\$31,640</b>	
<b>JAMAICA</b>						
<b>PHASE-OUT PLAN</b>						
<b>HCFC phase out plan</b>						
HCFC phase-out management plan (stage I, fourth tranche)	UNEP		\$8,000	\$1,040	\$9,040	
<i>Noted that stage II of the HPMP for Jamaica could only be considered once the data reporting issues identified in the verification report had been addressed and the recommendations by the verifier had been implemented; that the starting point for aggregate reduction on HCFC consumption and associated funding levels would be reviewed upon submission of stage II of the HPMP. The Government, UNDP and UNEP were requested to report on progress of actions taken following recommendations of the verification report when submitting stage II of the HPMP.</i>						
HCFC phase-out management plan (stage I, fourth tranche)	UNDP		\$58,000	\$4,350	\$62,350	
<i>Noted that stage II of the HPMP for Jamaica could only be considered once the data reporting issues identified in the verification report had been addressed and the recommendations by the verifier had been implemented; that the starting point for aggregate reduction on HCFC consumption and associated funding levels would be reviewed upon submission of stage II of the HPMP. The Government, UNDP and UNEP were requested to report on progress of actions taken following recommendations of the verification report when submitting stage II of the HPMP.</i>						
<b>Total for Jamaica</b>			<b>\$66,000</b>	<b>\$5,390</b>	<b>\$71,390</b>	
<b>KIRIBATI</b>						
<b>PHASE-OUT PLAN</b>						
<b>HCFC phase out plan</b>						
HCFC phase-out management plan for PIC countries through regional approach (stage I, third tranche)	UNEP		\$10,900	\$1,417	\$12,317	
<b>Total for Kiribati</b>			<b>\$10,900</b>	<b>\$1,417</b>	<b>\$12,317</b>	

# List of projects and activities recommended for blanket approval

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Project Title	Agency	ODP/Metric (tonnes)*	Funds recommended (US\$)			C.E. (US\$/kg)
			Project	Support	Total	
<b>KYRGYZSTAN</b>						
<b>PHASE-OUT PLAN</b>						
<b>HCFC phase out plan</b>						
HCFC phase-out management plan (stage II, third tranche)	UNEP		\$6,200	\$806	\$7,006	
<p><i>Noted that the Agreement between the Government and the Executive Committee had been updated to reflect that the 2019 target was 0.71 ODP tonnes. The Government, UNDP and UNEP 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 first meeting of the Executive Committee in 2022. UNDP was requested to include in its work programme/work programme amendments for 2022 funding, in the amount of US \$30,000, plus agency support costs, for the verification report of Kyrgyzstan's 2019-2022 consumption, to be submitted to the first meeting of 2023. Approved on the understanding that if the verification report to be submitted in 2023 covering the country's consumption in 2019 through 2022 indicated the country was not in compliance with the targets specified in the Agreement, the Executive Committee could consider applying the penalty clause against future approvals for the country; and that Kyrgyzstan had consumption in the servicing sector only; that the incentive scheme to promote conversion of RAC equipment to low GWP alternatives include associated training and capacity building to ensure sustainable implementation; that end-users would provide co-financing to participate in the scheme; and that UNDP would submit detailed reports on the results of the end-user incentive scheme once it had been completed.</i></p>						
HCFC phase-out management plan (stage II, third tranche)	UNDP		\$55,000	\$3,850	\$58,850	
<p><i>Noted that the Agreement between the Government and the Executive Committee had been updated to reflect that the 2019 target was 0.71 ODP tonnes. The Government, UNDP and UNEP 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 first meeting of the Executive Committee in 2022. UNDP was requested to include in its work programme/work programme amendments for 2022 funding, in the amount of US \$30,000, plus agency support costs, for the verification report of Kyrgyzstan's 2019-2022 consumption, to be submitted to the first meeting of 2023. Approved on the understanding that if the verification report to be submitted in 2023 covering the country's consumption in 2019 through 2022 indicated the country was not in compliance with the targets specified in the Agreement, the Executive Committee could consider applying the penalty clause against future approvals for the country; and that Kyrgyzstan had consumption in the servicing sector only; that the incentive scheme to promote conversion of RAC equipment to low GWP alternatives include associated training and capacity building to ensure sustainable implementation; that end-users would provide co-financing to participate in the scheme; and that UNDP would submit detailed reports on the results of the end-user incentive scheme once it had been completed.</i></p>						
<b>Total for Kyrgyzstan</b>			<b>\$61,200</b>	<b>\$4,656</b>	<b>\$65,856</b>	

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Project Title	Agency	ODP/Metric (tonnes)*	Funds recommended (US\$)			C.E. (US\$/kg)
			Project	Support	Total	
<b>LAO, PDR</b>						
<b>PHASE-OUT PLAN</b>						
<b>HCFC phase out plan</b>						
HCFC phase-out management plan (stage I, third tranche)	UNEP		\$23,500	\$3,055	\$26,555	
HCFC phase-out management plan (stage I, third tranche)	France		\$4,500	\$585	\$5,085	
<b>SEVERAL</b>						
<b>Ozone unit support</b>						
Renewal of the institutional strengthening project (phase X: 12/2020-11/2022)	UNEP		\$85,000	\$0	\$85,000	
<b>Total for Lao, PDR</b>			<b>\$113,000</b>	<b>\$3,640</b>	<b>\$116,640</b>	
<b>LESOTHO</b>						
<b>PHASE-OUT PLAN</b>						
<b>HCFC phase out plan</b>						
HCFC phase-out management plan (stage I, fourth tranche)	Germany		\$28,000	\$3,640	\$31,640	
<b>SEVERAL</b>						
<b>Ozone unit support</b>						
Extension of the institutional strengthening project (phase X: 1/2021-12/2022)	UNEP		\$85,000	\$0	\$85,000	
<b>Total for Lesotho</b>			<b>\$113,000</b>	<b>\$3,640</b>	<b>\$116,640</b>	
<b>LIBERIA</b>						
<b>PHASE-OUT PLAN</b>						
<b>HCFC phase out plan</b>						
HCFC phase-out management plan (stage I, third tranche)	Germany		\$31,500	\$4,095	\$35,595	
<i>Approved on the understanding that the verification report for stage I would be submitted together with the request for stage II of the HPMP for Liberia and would cover the period from 2015 to the year before the submission of stage II; and that in the unlikely event of Liberia's non-compliance with the targets set in its Agreement with the Executive Committee for stage I of the HPMP, the penalty applicable as per Appendix 7-A of the Agreement would be deducted from the eligible funding for its stage II of the HPMP.</i>						
Verification report for stage I of HCFC phase-out management plan	Germany		\$30,000	\$3,900	\$33,900	
<i>Approved on the understanding that the verification report should be submitted together with the request for stage II of the HPMP.</i>						
<b>Total for Liberia</b>			<b>\$61,500</b>	<b>\$7,995</b>	<b>\$69,495</b>	

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Project Title	Agency	ODP/Metric (tonnes)*	Funds recommended (US\$)			C.E. (US\$/kg)
			Project	Support	Total	
<b>LIBYA</b>						
<b>SEVERAL</b>						
<b>Ozone unit support</b>						
Renewal of the institutional strengthening project (phase VI: 7/2020-6/2022)	UNIDO		\$174,164	\$12,191	\$186,355	
	<b>Total for Libya</b>		<b>\$174,164</b>	<b>\$12,191</b>	<b>\$186,355</b>	
<b>MADAGASCAR</b>						
<b>PHASE-OUT PLAN</b>						
<b>HCFC phase out plan</b>						
HCFC phase-out management plan (stage I, fifth tranche)	UNEP		\$56,000	\$7,280	\$63,280	
	<b>Total for Madagascar</b>		<b>\$56,000</b>	<b>\$7,280</b>	<b>\$63,280</b>	
<b>MALAWI</b>						
<b>PHASE-OUT PLAN</b>						
<b>HCFC phase out plan</b>						
HCFC phase-out management plan (stage I, fifth tranche)	UNEP		\$35,000	\$4,550	\$39,550	
	<b>Total for Malawi</b>		<b>\$120,418</b>	<b>\$4,550</b>	<b>\$124,968</b>	
<b>MALDIVES</b>						
<b>SEVERAL</b>						
<b>Ozone unit support</b>						
Extension of the institutional strengthening project (phase XII: 1/2021-12/2022)	UNEP		\$85,418	\$0	\$85,418	
	<b>Total for Malawi</b>		<b>\$120,418</b>	<b>\$4,550</b>	<b>\$124,968</b>	
<b>MALDIVES</b>						
<b>SEVERAL</b>						
<b>Ozone unit support</b>						
Extension of the institutional strengthening project (phase XI: 12/2020-11/2022)	UNEP		\$85,000	\$0	\$85,000	
	<b>Total for Maldives</b>		<b>\$85,000</b>		<b>\$85,000</b>	
<b>MARSHALL ISLANDS</b>						
<b>PHASE-OUT PLAN</b>						
<b>HCFC phase out plan</b>						
HCFC phase-out management plan for PIC countries through regional approach (stage I, third tranche)	UNEP		\$11,300	\$1,469	\$12,769	
	<b>Total for Marshall Islands</b>		<b>\$11,300</b>	<b>\$1,469</b>	<b>\$12,769</b>	

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Project Title	Agency	ODP/Metric (tonnes)*	Funds recommended (US\$)			C.E. (US\$/kg)
			Project	Support	Total	
<b>MICRONESIA</b>						
<b>PHASE-OUT PLAN</b>						
<b>HCFC phase out plan</b>						
HCFC phase-out management plan for PIC countries through regional approach (stage I, third tranche)	UNEP		\$11,200	\$1,456	\$12,656	
<b>Total for Micronesia</b>			<b>\$11,200</b>	<b>\$1,456</b>	<b>\$12,656</b>	
<b>MOLDOVA, REP</b>						
<b>SEVERAL</b>						
<b>Technical assistance/support</b>						
Enabling activities for HFC phase-down	UNDP		\$50,000	\$3,500	\$53,500	
<b>Total for Moldova, Rep</b>			<b>\$50,000</b>	<b>\$3,500</b>	<b>\$53,500</b>	
<b>MONGOLIA</b>						
<b>PHASE-OUT PLAN</b>						
<b>HCFC phase out plan</b>						
HCFC phase-out management plan (stage I, fourth tranche)	UNEP		\$37,000	\$4,810	\$41,810	
<b>Total for Mongolia</b>			<b>\$37,000</b>	<b>\$4,810</b>	<b>\$41,810</b>	
<b>MONTENEGRO</b>						
<b>PHASE-OUT PLAN</b>						
<b>HCFC phase out plan</b>						
HCFC phase-out management plan (stage I, fifth tranche)	UNIDO		\$21,000	\$1,575	\$22,575	
<i>UNIDO was requested to include, as part of the second tranche for stage II of the HPMP of Montenegro, an update on progress towards implementing the recommendations in the verification report submitted to the 85th meeting. Approved on the understanding that if Montenegro were to decide to proceed with retrofits and associated servicing to flammable and toxic refrigerants in refrigeration and air-conditioning equipment originally designed for non-flammable substances, it would do so assuming all associated responsibilities and risks and only in accordance with the relevant standards and protocols.</i>						
<b>Total for Montenegro</b>			<b>\$21,000</b>	<b>\$1,575</b>	<b>\$22,575</b>	
<b>MOZAMBIQUE</b>						
<b>SEVERAL</b>						
<b>Ozone unit support</b>						
Extension of the institutional strengthening project (phase IX: 1/2021-12/2022)	UNEP		\$103,424	\$0	\$103,424	
<b>Total for Mozambique</b>			<b>\$103,424</b>		<b>\$103,424</b>	

# List of projects and activities recommended for blanket approval

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Annex I

Project Title	Agency	ODP/Metric (tonnes)*	Funds recommended (US\$)			C.E. (US\$/kg)
			Project	Support	Total	
<b>NAURU</b>						
<b>PHASE-OUT PLAN</b>						
<b>HCFC phase out plan</b>						
HCFC phase-out management plan for PIC countries through regional approach (stage I, third tranche)	UNEP		\$7,400	\$962	\$8,362	
	<b>Total for Nauru</b>		<b>\$7,400</b>	<b>\$962</b>	<b>\$8,362</b>	
<b>NEPAL</b>						
<b>SEVERAL</b>						
<b>Ozone unit support</b>						
Extension of the institutional strengthening project (phase XI: 11/2020-10/2022)	UNEP		\$85,000	\$0	\$85,000	
	<b>Total for Nepal</b>		<b>\$85,000</b>		<b>\$85,000</b>	
<b>NIUE</b>						
<b>PHASE-OUT PLAN</b>						
<b>HCFC phase out plan</b>						
HCFC phase-out management plan for PIC countries through regional approach (stage I, third tranche)	UNEP		\$7,300	\$949	\$8,249	
	<b>Total for Niue</b>		<b>\$7,300</b>	<b>\$949</b>	<b>\$8,249</b>	
<b>PAKISTAN</b>						
<b>PHASE-OUT PLAN</b>						
<b>HCFC phase out plan</b>						
Preparation of a HCFC phase-out management plan (stage III) (air-conditioning sector)	UNIDO		\$50,000	\$3,500	\$53,500	
Preparation of a HCFC phase-out management plan (stage III)	UNEP		\$10,000	\$1,300	\$11,300	
Preparation of a HCFC phase-out management plan (stage III) (foam sector)	UNIDO		\$50,000	\$3,500	\$53,500	
Preparation of a HCFC phase-out management plan (stage III)	UNIDO		\$40,000	\$2,800	\$42,800	
	<b>Total for Pakistan</b>		<b>\$150,000</b>	<b>\$11,100</b>	<b>\$161,100</b>	
<b>PALAU</b>						
<b>PHASE-OUT PLAN</b>						
<b>HCFC phase out plan</b>						
HCFC phase-out management plan for PIC countries through regional approach (stage I, third tranche)	UNEP		\$12,000	\$1,560	\$13,560	
	<b>Total for Palau</b>		<b>\$12,000</b>	<b>\$1,560</b>	<b>\$13,560</b>	

# List of projects and activities recommended for blanket approval

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Annex I

Project Title	Agency	ODP/Metric (tonnes)*	Funds recommended (US\$)			C.E. (US\$/kg)
			Project	Support	Total	
<b>PANAMA</b>						
<b>PHASE-OUT PLAN</b>						
<b>HCFC phase out plan</b>						
HCFC phase-out management plan (stage II, third tranche)	UNDP		\$72,754	\$5,093	\$77,847	
<i>Noted that the two polyurethane foam enterprises Disur and Refratermic, with a consumption of 0.48 ODP tonnes (4.36 metric tonnes) of HCFC-141b, and associated funding of US\$47,753, have withdrawn from stage II, that the consumption associated with those enterprises had been phased out. The Government and UNDP were requested to include in the submission of the first tranche request of stage III of the HPMP an update on the status of the Government's efforts to obtain data from the systems house in the Free Trade Zone and information on HCFCs imported to and exported from the Free Trade Zone. UNDP was requested to return to the 86th meeting US\$43,153, plus agency support cost of US\$3,021, from the project PAN/PHA/76/INV/44, corresponding to the unused balance of funds associated with Disur and Refratermic.</i>						
<b>Total for Panama</b>			<b>\$72,754</b>	<b>\$5,093</b>	<b>\$77,847</b>	
<b>PERU</b>						
<b>PHASE-OUT PLAN</b>						
<b>HCFC phase out plan</b>						
HCFC phase-out management plan (stage II, second tranche)	UNEP		\$41,600	\$5,408	\$47,008	
HCFC phase-out management plan (stage II, second tranche)	UNDP	5.7	\$233,400	\$16,338	\$249,738	
<b>Total for Peru</b>			<b>5.7</b>	<b>\$275,000</b>	<b>\$21,746</b>	<b>\$296,746</b>
<b>QATAR</b>						
<b>SEVERAL</b>						
<b>Ozone unit support</b>						
Renewal of the institutional strengthening project (phase V: 6/2020-5/2022)	UNEP		\$113,920	\$0	\$113,920	
<b>Total for Qatar</b>			<b>\$113,920</b>		<b>\$113,920</b>	
<b>RWANDA</b>						
<b>PHASE-OUT PLAN</b>						
<b>HCFC phase out plan</b>						
HCFC phase-out management plan (stage I, fifth tranche)	UNEP		\$28,000	\$3,640	\$31,640	
<b>Total for Rwanda</b>			<b>\$28,000</b>	<b>\$3,640</b>	<b>\$31,640</b>	

**List of projects and activities recommended for blanket approval**

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Project Title	Agency	ODP/Metric (tonnes)*	Funds recommended (US\$)			C.E. (US\$/kg)
			Project	Support	Total	
<b>SAMOA</b>						
<b>PHASE-OUT PLAN</b>						
<b>HCFC phase out plan</b>						
HCFC phase-out management plan for PIC countries through regional approach (stage I, third tranche)	UNEP		\$14,850	\$1,931	\$16,781	
<b>Total for Samoa</b>			<b>\$14,850</b>	<b>\$1,931</b>	<b>\$16,781</b>	
<b>SAO TOME AND PRINCIPE</b>						
<b>PHASE-OUT PLAN</b>						
<b>HCFC phase out plan</b>						
HCFC phase-out management plan (stage I, fifth tranche)	UNEP		\$16,000	\$2,080	\$18,080	
<b>Total for Sao Tome and Principe</b>			<b>\$16,000</b>	<b>\$2,080</b>	<b>\$18,080</b>	
<b>SENEGAL</b>						
<b>PHASE-OUT PLAN</b>						
<b>HCFC phase out plan</b>						
Preparation of a HCFC phase-out management plan (stage II)	UNEP		\$40,000	\$5,200	\$45,200	
Preparation of a HCFC phase-out management plan (stage II)	UNIDO		\$20,000	\$1,400	\$21,400	
<b>Total for Senegal</b>			<b>\$60,000</b>	<b>\$6,600</b>	<b>\$66,600</b>	
<b>SEYCHELLES</b>						
<b>SEVERAL</b>						
<b>Ozone unit support</b>						
Extension of the institutional strengthening project (phase IX: 6/2020-5/2022)	UNEP		\$85,000	\$0	\$85,000	
<b>Total for Seychelles</b>			<b>\$85,000</b>		<b>\$85,000</b>	
<b>SIERRA LEONE</b>						
<b>PHASE-OUT PLAN</b>						
<b>HCFC phase out plan</b>						
HCFC phase-out management plan (stage I, fifth tranche)	UNEP		\$21,000	\$2,730	\$23,730	
<b>SEVERAL</b>						
<b>Ozone unit support</b>						
Extension of the institutional strengthening project (phase VIII: 1/2021-12/2022)	UNEP		\$109,824	\$0	\$109,824	
<b>Total for Sierra Leone</b>			<b>\$130,824</b>	<b>\$2,730</b>	<b>\$133,554</b>	



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Project Title	Agency	ODP/Metric (tonnes)*	Funds recommended (US\$)			C.E. (US\$/kg)
			Project	Support	Total	
<b>SOLOMON ISLANDS</b>						
<b>PHASE-OUT PLAN</b>						
<b>HCFC phase out plan</b>						
HCFC phase-out management plan for PIC countries through regional approach (stage I, third tranche)	UNEP		\$19,500	\$2,535	\$22,035	
<b>Total for Solomon Islands</b>			<b>\$19,500</b>	<b>\$2,535</b>	<b>\$22,035</b>	
<b>SRI LANKA</b>						
<b>PHASE-OUT PLAN</b>						
<b>HCFC phase out plan</b>						
HCFC phase-out management plan (stage I, fourth tranche)	UNDP		\$31,100	\$2,333	\$33,433	
<i>Approved on an exceptional basis and without setting a precedent, and on the understanding that the Treasurer would be requested to transfer the approved funds to UNDP and UNEP upon approval; UNDP had committed to submitting the verification report no later than 12 weeks prior to the 86th meeting; the recommendations included in the verification report would be addressed during the implementation of the fourth and final tranche of stage I of the HPMP and that the actions implemented towards that end would be included in the progress report of stage I of the HPMP to be submitted as part of the request for stage II of the HPMP for Sri Lanka; and in the event that the verification report confirmed that Sri Lanka had not been in compliance with the Montreal Protocol and its Agreement with the Executive Committee, the Secretariat would inform the Executive Committee so that relevant actions, inter alia, the application of the penalty clause, could be considered at the 86th meeting.</i>						
HCFC phase-out management plan (stage I, fourth tranche)	UNEP		\$24,900	\$3,237	\$28,137	
<i>Approved on an exceptional basis and without setting a precedent, and on the understanding that the Treasurer would be requested to transfer the approved funds to UNDP and UNEP upon approval; UNDP had committed to submitting the verification report no later than 12 weeks prior to the 86th meeting; the recommendations included in the verification report would be addressed during the implementation of the fourth and final tranche of stage I of the HPMP and that the actions implemented towards that end would be included in the progress report of stage I of the HPMP to be submitted as part of the request for stage II of the HPMP for Sri Lanka; and in the event that the verification report confirmed that Sri Lanka had not been in compliance with the Montreal Protocol and its Agreement with the Executive Committee, the Secretariat would inform the Executive Committee so that relevant actions, inter alia, the application of the penalty clause, could be considered at the 86th meeting.</i>						
<b>Total for Sri Lanka</b>			<b>\$56,000</b>	<b>\$5,570</b>	<b>\$61,570</b>	

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Project Title	Agency	ODP/Metric (tonnes)*	Funds recommended (US\$)			C.E. (US\$/kg)
			Project	Support	Total	
<b>SUDAN</b>						
<b>REFRIGERATION</b>						
<b>Air conditioning</b>						
Preparation for conversion of HFC-134a (or R-410a) to R-290 in the manufacture of air-conditioning units at J.M. Group/Mina factory	UNIDO		\$30,000	\$2,100	\$32,100	
<i>Approved on the understanding that the approval of project preparation did not denote approval of the project proposal or its level of funding when submitted for consideration by the Executive Committee.</i>						
<b>Total for Sudan</b>			<b>\$30,000</b>	<b>\$2,100</b>	<b>\$32,100</b>	
<b>TANZANIA</b>						
<b>PHASE-OUT PLAN</b>						
<b>HCFC phase out plan</b>						
HCFC phase-out management plan (stage I, third tranche)	UNEP		\$22,000	\$2,860	\$24,860	
<i>UNEP was requested to include, as part of the submission for stage II of the HPMP for the United Republic of Tanzania, an update on progress towards implementing the recommendations in the verification report submitted to the 85th meeting.</i>						
<b>Total for Tanzania</b>			<b>\$22,000</b>	<b>\$2,860</b>	<b>\$24,860</b>	
<b>TONGA</b>						
<b>PHASE-OUT PLAN</b>						
<b>HCFC phase out plan</b>						
HCFC phase-out management plan for PIC countries through regional approach (stage I, third tranche)	UNEP		\$12,700	\$1,651	\$14,351	
<b>Total for Tonga</b>			<b>\$12,700</b>	<b>\$1,651</b>	<b>\$14,351</b>	
<b>TURKMENISTAN</b>						
<b>PHASE-OUT PLAN</b>						
<b>HCFC phase out plan</b>						
HCFC phase-out management plan (stage I, fourth tranche)	UNIDO		\$33,250	\$2,494	\$35,744	
<i>Approved on the understanding that a revised verification report to include data for the years 2019 and 2020 will be submitted at the time of the request for stage II of the HPMP.</i>						
<b>Total for Turkmenistan</b>			<b>\$33,250</b>	<b>\$2,494</b>	<b>\$35,744</b>	
<b>TUVALU</b>						
<b>PHASE-OUT PLAN</b>						
<b>HCFC phase out plan</b>						
HCFC phase-out management plan for PIC countries through regional approach (stage I, third tranche)	UNEP		\$9,200	\$1,196	\$10,396	
<b>Total for Tuvalu</b>			<b>\$9,200</b>	<b>\$1,196</b>	<b>\$10,396</b>	

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Annex I

Project Title	Agency	ODP/Metric (tonnes)*	Funds recommended (US\$)			C.E. (US\$/kg)
			Project	Support	Total	
<b>UGANDA</b>						
<b>PHASE-OUT PLAN</b>						
<b>HCFC phase out plan</b>						
HCFC phase-out management plan (stage I, third tranche)	UNEP		\$20,500	\$2,665	\$23,165	
<i>Approved on the understanding that if Uganda were to decide to proceed with retrofits and associated servicing to flammable and toxic refrigerants in refrigeration and air-conditioning equipment originally designed for non flammable substances, it would do so assuming all associated responsibilities and risks and only in accordance with the relevant standards and protocols; and relevant actions and activities recommended by the verification report will be implemented during the third tranche of stage I and stage II of the HPMP for Uganda.</i>						
<b>SEVERAL</b>						
<b>Ozone unit support</b>						
Extension of the institutional strengthening project (phase IV: 1/2021-12/2022)	UNEP		\$85,000	\$0	\$85,000	
<b>Total for Uganda</b>			<b>\$105,500</b>	<b>\$2,665</b>	<b>\$108,165</b>	
<b>URUGUAY</b>						
<b>PHASE-OUT PLAN</b>						
<b>HCFC phase out plan</b>						
HCFC phase-out management plan (stage II, third tranche) (refrigeration servicing sector and implementation and monitoring)	UNDP	5.3	\$111,268	\$7,789	\$119,057	
<i>Noted that the Government had postponed the ban of HCFC-141b in imported pre-blended polyols from 1 January 2021 to 1 January 2022. Approved on the understanding that UNDP would continue to report at the 87th meeting on the progress in implementation of the conversion of the foam enterprises and the availability of HFO/HFO-based polyurethane systems and their associated components; and the Government and UNDP would submit a progress report on the implementation of the work programme associated with the final tranche and the project completion report to the first meeting of the Executive Committee in 2022.</i>						
<b>Total for Uruguay</b>			<b>5.3</b>	<b>\$111,268</b>	<b>\$7,789</b>	<b>\$119,057</b>
<b>VANUATU</b>						
<b>PHASE-OUT PLAN</b>						
<b>HCFC phase out plan</b>						
HCFC phase-out management plan for PIC countries through regional approach (stage I, third tranche)	UNEP		\$14,850	\$1,930	\$16,780	
<b>Total for Vanuatu</b>			<b>\$14,850</b>	<b>\$1,930</b>	<b>\$16,780</b>	

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Project Title	Agency	ODP/Metric (tonnes)*	Funds recommended (US\$)			C.E. (US\$/kg)
			Project	Support	Total	
<b>ZAMBIA</b>						
<b>PHASE-OUT PLAN</b>						
<b>HCFC phase out plan</b>						
HCFC phase-out management plan (stage I, fifth tranche)	UNEP		\$30,000	\$3,900	\$33,900	
<i>Approved on the understanding that if Zambia were to decide to proceed with retrofits and associated servicing to flammable and toxic refrigerants in refrigeration and air-conditioning equipment originally designed for non-flammable substances, it would do so assuming all associated responsibilities and risks and only in accordance with the relevant standards and protocols.</i>						
<b>Total for Zambia</b>			<b>\$30,000</b>	<b>\$3,900</b>	<b>\$33,900</b>	
<b>REGION: ASP</b>						
<b>PHASE-OUT PLAN</b>						
<b>HCFC phase out plan</b>						
HCFC phase-out management plan for PIC countries through regional approach (stage I, third tranche)	UNEP		\$45,000	\$5,850	\$50,850	
<b>Total for Region: ASP</b>			<b>\$45,000</b>	<b>\$5,850</b>	<b>\$50,850</b>	
<b>GRAND TOTAL</b>		<b>17.4</b>	<b>\$4,121,601</b>	<b>\$269,410</b>	<b>\$4,391,011</b>	

\* HCFC in ODP tonnes. HFC in metric tonnes