



**United Nations
Environment
Programme**

Distr.
GENERAL

UNEP/OzL.Pro/ExCom/77/26
11 November 2016

ORIGINAL: ENGLISH



EXECUTIVE COMMITTEE OF
THE MULTILATERAL FUND FOR THE
IMPLEMENTATION OF THE MONTREAL PROTOCOL
Seventy-seventh Meeting
Montreal, 28 November - 2 December 2016

OVERVIEW OF ISSUES IDENTIFIED DURING PROJECT REVIEW

1. This document consists of the following sections:
 - (a) An analysis of the number of projects and activities submitted by bilateral and implementing agencies to the 77th meeting;
 - (b) Issues identified during the project review process:
 - (i) Changes or addition of implementing agencies for implementation of approved HPMPs;
 - (ii) Funding withheld pending verification reports or meeting specific conditions;
 - (iii) Temporary manufacturing high-global-warming-potential (GWP)-based refrigeration and air-conditioning equipment at enterprises that received funding to convert to low-GWP alternatives;
 - (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 to the 77th meeting 170 funding requests for tranches of approved multi-year agreements, projects and activities amounting to US \$170,483,133 (US \$975,440,206 including amount requested in principle) including agency support costs where applicable. The funding requests covered:

- (a) Seven stage II of the HCFC phase-out management plan (HPMP) for non-low volume consuming (LVC) countries and two for LVC countries,

- (b) One stage I of the HPMP for a LVC country;
- (c) Tranches of approved HPMPs for 28 countries;
- (d) Renewals of institutional strengthening (IS) projects in 35 countries; and
- (e) Project preparation for stage II of the HPMP/HCFC phase-out investment activities for three countries.

3. Following the project review process, 77 projects and activities totalling US \$8,241,271 including agency support costs, are recommended for blanket approval and XX projects and activities totalling US \$149,690,219 (US \$678,515,829 including amount requested in principle) are being forwarded for individual consideration. Together, the projects for blanket approval and those for individual consideration amount to US \$157,931,490.

IS renewal requests

4. The Secretariat reviewed the terminal reports and requests for extension of IS funding for 34 countries against relevant decisions including decision 74/51(c) on the funding level for IS projects and renewals, and decision 74/51(e) on the need to include performance indicators for planned activities. All requests were cross-checked against: previous IS reports; progress reports on the implementation of country programmes; data reported under Article 7 of the Montreal Protocol; the latest reports on implementation of HPMPs; bilateral and implementing agencies' progress reports submitted to the 77th meeting; and relevant decisions on compliance adopted by the Parties to the Montreal Protocol.

Projects and activities submitted and subsequently withdrawn

5. During the project review process, issues associated with stage II of the HPMPs for Egypt, Kenya and Timor-Leste, and stage I of the HPMP for Burkina Faso (third tranche), at a cost of US \$7,869,944, could not be addressed on time, and therefore, were withdrawn by the relevant lead implementing agency:

- (a) Stage II of the HPMP for Egypt was withdrawn to allow a further analysis of the remaining consumption of HCFC-141b and HCFC-141b contained in imported pre-blended polyols eligible for funding, and to further assess incremental costs in the air-conditioning (AC) manufacturing sector given uncertainties in technology selection;
- (b) Stage II of the HPMP for Kenya was withdrawn due to issues related to the licensing and quota systems for HCFC consumption in the country, noting that the Government has proposed to take a series of measures to strengthen systems in the near future through project activities under stage I of the HPMP;
- (c) Stage II of the HPMP for Timor-Leste was withdrawn due to lack of significant progress in the implementation of stage I of the HPMP; and
- (d) The tranche request for stage I of the HPMP for Burkina Faso was withdrawn¹ since HCFC consumption verification reports for 2013, 2014 and 2015 were not submitted, and issues in connection with substantial fluctuations in the levels of HCFC consumption, with potential adjustments to the starting point for sustained aggregate reduction in HCFC consumption were not addressed.

¹ Tranche delays are addressed in the document on tranche submission delays (UNEP/OzL.Pro/ExCom/77/6).

Issues identified during project review

6. During the project review process, the Secretariat identified several issues for which guidance is sought from the Executive Committee.

Changes or addition of implementing agencies for implementation of approved HPMPs

7. The Secretariat has received requests for the addition of a bilateral or implementing agency as part of an HPMP tranche request. In some cases, a change of an agency is required to address specific issues encountered during implementation (e.g., transfer of activities and funding from UNEP to UNIDO for the Democratic People's Republic of Korea at the 75th meeting due to UNEP's constraints in sending approved funding to the country), while in others this is due to the interest of the beneficiary country to work with the specific agency (e.g., request for the addition of the Government of Spain to implement the second and subsequent tranches of stage II of the HPMP for Mexico submitted to this meeting).

8. While the change or addition of a new agency does not affect the activities to be implemented nor the level of funding approved (excluding agency support costs) for the HPMP, it requires an adjustment to the Agreement to include the new agency, and the tranche request is often recommended by the Secretariat for individual consideration of the Executive Committee.

9. Noting that there are often no issues associated with the change or addition of an agency for the implementation of an HPMP, the Executive Committee may wish to request the Secretariat to consider such requests for blanket approval, unless outstanding issues other than this change require the Committee's consideration.

Funding withheld pending verification reports or meeting specific conditions

10. At the 76th meeting the Executive Committee approved tranches of several HPMPs on the understanding that funds would be withheld by the Treasurer pending the submission by the relevant implementing agencies of: HCFC consumption verification reports (Bhutan, Cambodia, Chad, the Congo, Haiti, Pakistan, Sao Tome and Principe and South Africa); confirmation of the signature of agreements between the Government and UNEP (Chile, Guatemala and Honduras); or HCFC consumption verification report and confirmation that the regulatory environment for the safe use of hydrocarbon (HC) refrigerants called for in decision 72/32(b) was in place (Ghana).

11. Subsequent to that meeting, the Secretariat received satisfactory verification reports for Bhutan, Cambodia, Chad, the Congo and Pakistan, and confirmation of signature of agreement between the Government of Guatemala and UNEP. Accordingly, approved funds have been released by the Treasurer to the implementing agencies.

12. As of end of October 2016, verification reports have not been submitted for Haiti (UNEP), Sao Tome and Principe (UNEP) and South Africa (UNIDO), nor UNEP have provided confirmation of signature of the agreements with Chile and Honduras. In the case of Ghana, the verification report has been received but confirmation of meeting the conditions stipulated in decision 72/32 (b) was still pending.

13. Noting that the conditions for the transfer to funds approved should have been accomplished shortly after the 76th meeting and that activities related to the tranches approved cannot start until the funds are transferred to the implementing agencies, the Executive Committee may wish, to urge UNEP, UNIDO and the Governments of Haiti, Sao Tome and Principe and South Africa to submit the HCFC consumption verification reports as soon as possible; UNEP and the Governments of Chile and Honduras to sign the agreement for the implementation of their HPMP as soon as possible; and UNDP and the Government of Ghana to implement decision 72/32(b) as soon as possible, in order to implement activities without further delay.

Temporary manufacturing high-global-warming-potential (GWP)-based RAC equipment at enterprises that agreed to convert to low-GWP alternatives

14. In the course of reviewing verification reports and the evaluations on the RAC manufacturing sector under the monitoring and evaluation, the Secretariat noted with concern that several RAC manufacturing enterprises that had agreed to convert to low-GWP alternatives were instead using the converted line to manufacture high-GWP-based equipment. Examples of this were found in the China ICR sector (for HFC-32 technology), in Indonesia (for HFC-32 technology), and Serbia (for ammonia and ammonia and carbon dioxide/hydrocarbon cascade systems). In particular, enterprises in those projects have installed the necessary equipment to manufacture RAC units based on the agreed technology but are temporarily using the equipment to instead manufacture high-GWP-based equipment.

15. The primary reasons cited are that the enterprises are unable to sell the equipment on the market given a lack of safety standards, concerns from service technicians, higher costs relative to high-GWP equipment, consumer acceptance, limited compressor availability for some product categories, and other factors. The implementation of national regulations prohibiting use of HCFCs in manufacturing can also affect business continuity of enterprises if market readiness is not taken into consideration when certain technologies are adopted.

16. While large enterprises with many manufacturing lines may be able to offset an idle line by increasing production on other lines while waiting to be able to sell equipment based on the agreed technology into the market, small- and medium-sized enterprises would put their financial viability at risk if they keep their manufacturing capacity idle. Given the equipment already installed in the converted lines, it was indicated that the enterprises could seamlessly switch to manufacturing equipment based on the originally proposed low-GWP technology once enterprises are able to sell such equipment in the market.

17. As the Multilateral Fund assistance is calculated and approved based on a specific technology selected by the enterprise and taking into account the associated environmental impact (ODS phase-out and climate impact as calculated in the project proposal), the Secretariat considers it important that enterprises that agreed to convert to a low-GWP technology manufacture equipment based on the originally proposed technology. At the same time, the Secretariat considers it important that the financial sustainability of enterprises is taken into due consideration.

18. In addition, the Secretariat noted that incremental operating costs (IOCs) cannot be used to pay for a technology other than that agreed. At the time of issuance of this document, the Secretariat is in the process of confirming that IOCs were not paid in those cases of which the Secretariat is aware.

19. The Secretariat noted that in the case of the room air-AC sector, China has appeared to develop an effective mechanism to use IOCs to encourage the uptake of equipment based on the agreed technology into the market. Other Article 5 Parties may wish to consider whether they could use a similar mechanism, while taking into account their national circumstances.

Recommendation

20. The Executive Committee may wish to request the relevant bilateral and implementing agencies:

- (a) To report those cases where an enterprise temporarily manufactures high-global warming potential (GWP) equipment on a manufacturing line that has received funding to manufacture low-GWP-based equipment as soon as they are identified. That report should include the reasons for the use of a high-GWP alternative, the steps the Government (and, if appropriate, the enterprises) will take to enable the enterprise(s) to start manufacturing equipment based on the originally proposed low-GWP technology, and a timeline for when such manufacturing is expected to commence;

- (b) To continue reporting the status of using high-GWP alternatives on the converted lines at the enterprise to each meeting of the Executive Committee until the converted lines produce only with the originally proposed low-GWP technology; and
- (c) To pay only incremental operating costs for manufacturing equipment based on the originally proposed low-GWP technology.

Projects and activities submitted for blanket approval

Projects and activities submitted for blanket approval

21. Annex I to the present document lists 77 projects and activities totalling US \$8,241,271 including support costs that are recommended for blanket approval. The approval of these projects by the Executive Committee 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

22. Seventy-one projects/activities, totalling US \$149,690,219 (US \$678,515,829 including amount requested in principle) including support costs, after the review by the Secretariat, are proposed for individual consideration. To facilitate the Executive Committee's consideration of the investment projects for individual consideration, the Secretariat has classified the projects by sector, and has grouped them according to the issues, as shown in Table 1.

Table 1. Projects submitted for individual consideration

Country	Project	Agency	ExCom	Issue
Stage I of HPMPs				
South Sudan	HCFC phase-out management plan stage I - first tranche	UNEP/UNDP	77/63	All technical and cost issues resolved
Stage II of HPMPs				
Armenia	HCFC phase-out management plan stage II - first tranche	UNDP/UNEP	77/35	HCFC reduction commitment
Dominican Republic	HCFC phase-out management plan stage II - first tranche	UNDP/UNEP	77/41	All technical and cost issues resolved
India	HCFC phase-out management plan stage II - first tranche	UNDP/UNEP/ Germany	77/49	No agreement on technical and cost issues
Iran (Islamic Republic of)	HCFC phase-out management plan stage II - first tranche	UNDP/UNEP/ UNIDO/Germany	77/50	All technical and cost issues resolved
Jordan	HCFC phase-out management plan stage II - first tranche	World Bank/UNIDO	77/54	Issue of distribution of HCFC-141b and polyols. Introduction of high GWP refrigerant. Deduction of tonnage
Malaysia	HCFC phase-out management plan stage II - first tranche	UNDP	77/54	All technical and cost issues resolved
Moldova (Republic of)	HCFC phase-out management plan stage II - first tranche	UNDP/UNEP	77/58	All technical and cost issues resolved
Uruguay	HCFC phase-out management plan stage II - first tranche	UNDP	77/67	All technical and cost issues resolved

Country	Project	Agency	ExCom	Issue
Stage II of the HPMP for China				
China	HCFC phase-out management plan stage II - first tranche	Several	77/37	Subject to discussion on China sector plans
	Polyurethane (PU) rigid foam sector plan	World Bank		Costs still under discussion
	Extruded polystyrene (XPS) foam sector plan	UNIDO/Germany		Costs still under discussion
	Room air-conditioner manufacturing (RAC) sector plan	UNIDO		Costs still under discussion
	Industrial and commercial refrigeration and air-conditioning (ICR) sector plan;	UNDP		Costs still under discussion
	Solvent sector plan	UNDP		Approved in principle at the 76 th meeting
	Refrigeration and air-conditioning servicing sector plan and enabling component	UNEP/Germany/Japan		Approved in principle at the 76 th meeting
Tranche request of stage I, stage II HPMP				
Cuba	HCFC phase-out management plan stage I - third tranche	UNDP	77/39	Interim use of high GWP technology
Grenada	HCFC phase-out management plan stage I - second tranche	UNEP/UNIDO	77/47	Pending discussion on discussion on consumption issue. Include UNIDO as Cooperating IA
Mexico	HCFC phase-out management plan stage II – second tranche	UNIDO/Germany/Italy/Spain/UNEP	77/55	Revision to Agreement to include the Government of Spain as Cooperating IA
Rwanda	HCFC phase-out management plan stage I – third tranche	UNEP/UNIDO	77/59	Data inconsistencies in verification report.
Saudi Arabia	HCFC phase-out management plan stage I – fourth tranche	UNIDO/UNEP	77/60	Limited progress in investment activities; insufficient progress to meet Appendix 8-A of the Agreement
Senegal	HCFC phase-out management plan stage I - second tranche	UNIDO/UNEP	77/61	Revision to Agreement, starting point, funding level and activities
Somalia	HCFC phase-out management plan stage I – second tranche	UNIDO	77/62	Adjustment of starting point
Thailand	HCFC phase-out management plan stage I – third tranche	World Bank	77/65	Return of funds, revision of Agreement

(i)

List of projects and activities recommended for blanket approval

UNEP/OzL.Pro/ExCom/77/26
Annex I

Project Title	Agency	ODP (tonnes)	Funds recommended (US\$)		C.E. (US\$/kg)
			Project	Support	
ANGOLA					
PHASE-OUT PLAN					
HCFC phase out plan					
HCFC phase-out management plan (stage I, fourth tranche)	UNDP		\$19,556	\$1,760	\$21,316
<i>Approved on the understanding that if Angola 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 protocol. The Government of Angola and UNDP were requested to submit the project completion report to the second meeting of the Executive Committee in 2018.</i>					
Total for Angola			\$19,556	\$1,760	\$21,316
ARGENTINA					
PHASE-OUT PLAN					
HCFC phase out plan					
Preparation of a HCFC phase-out management plan (stage II)	UNIDO		\$90,000	\$6,300	\$96,300
Total for Argentina			\$90,000	\$6,300	\$96,300
BAHAMAS					
SEVERAL					
Ozone unit support					
Extension of the institutional strengthening project (phase VI: 11/2016-10/2018)	UNEP		\$85,000	\$0	\$85,000
Total for Bahamas			\$85,000		\$85,000
BANGLADESH					
SEVERAL					
Ozone unit support					
Renewal of the institutional strengthening project (phase VIII: 1/2017-12/2018)	UNDP		\$166,400	\$11,648	\$178,048
Total for Bangladesh			\$166,400	\$11,648	\$178,048
BENIN					
PHASE-OUT PLAN					
HCFC phase out plan					
Verification report on the implementation of the HCFC phase-out management plan	UNEP		\$30,000	\$3,900	\$33,900
<i>Approved on the understanding that the verification report should be submitted at least 60 days prior to the applicable Executive Committee meeting where the next funding tranche for its HPMP is being sought.</i>					
Total for Benin			\$30,000	\$3,900	\$33,900

List of projects and activities recommended for blanket approval

UNEP/OzL.Pro/ExCom/77/26
Annex I

Project Title	Agency	ODP (tonnes)	Funds recommended (US\$)		C.E. (US\$/kg)
			Project	Support	
CAPE VERDE					
PHASE-OUT PLAN					
HCFC phase out plan					
HCFC phase-out management plan (stage I, third tranche)	UNEP		\$35,000	\$4,550	\$39,550
Verification report on the implementation of the HCFC phase-out management plan	UNEP		\$30,000	\$3,900	\$33,900
<i>Approved on the understanding that the verification report should be submitted at least 60 days prior to the applicable Executive Committee meeting where the next funding tranche for its HPMP is being sought.</i>					
Total for Cape Verde			\$65,000	\$8,450	\$73,450
CHAD					
PHASE-OUT PLAN					
HCFC phase out plan					
Verification report on the implementation of the HCFC phase-out management plan	UNEP		\$30,000	\$3,900	\$33,900
<i>Approved on the understanding that the verification report should be submitted at least 60 days prior to the applicable Executive Committee meeting where the next funding tranche for its HPMP is being sought.</i>					
Total for Chad			\$30,000	\$3,900	\$33,900
CHINA					
SEVERAL					
Ozone unit support					
Extension of the institutional strengthening project (phase XII: 1/2017-12/2018)	UNDP		\$499,200	\$34,944	\$534,144
Total for China			\$499,200	\$34,944	\$534,144
COMOROS					
PHASE-OUT PLAN					
HCFC phase out plan					
HCFC phase-out management plan (stage I, third tranche)	UNEP		\$35,000	\$4,550	\$39,550
<i>Approved on the understanding that if the Government of Comoros 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>					
Total for Comoros			\$35,000	\$4,550	\$39,550

List of projects and activities recommended for blanket approval

UNEP/OzL.Pro/ExCom/77/26
Annex I

Project Title	Agency	ODP (tonnes)	Funds recommended (US\$)		C.E. (US\$/kg)
			Project	Support	
CONGO, DR					
SEVERAL					
Ozone unit support					
Extension of institutional strengthening project (phase VIII: 1/2017-12/2018)	UNEP		\$85,000	\$0	\$85,000
Total for Congo, DR			\$85,000		\$85,000
COOK ISLANDS					
SEVERAL					
Ozone unit support					
Extension of the institutional strengthening project (phase VI: 1/2017-12/2018)	UNEP		\$85,000	\$0	\$85,000
Total for Cook Islands			\$85,000		\$85,000
COTE D'IVOIRE					
SEVERAL					
Ozone unit support					
Extension of the institutional strengthening project (phase VIII: 1/2017-12/2018)	UNEP		\$136,115	\$0	\$136,115
Total for Cote D'Ivoire			\$136,115		\$136,115
DOMINICAN REPUBLIC					
SEVERAL					
Ozone unit support					
Extension of the institutional strengthening project (phase IX: 1/2017-12/2018)	UNEP		\$171,946	\$0	\$171,946
Total for Dominican Republic			\$171,946		\$171,946
ECUADOR					
PHASE-OUT PLAN					
HCFC phase out plan					
Verification report for stage I of HCFC phase-out management plan	UNIDO		\$30,000	\$2,700	\$32,700
<i>Approved on the understanding that the verification reports should be submitted at least 60 days prior to the applicable Executive Committee meeting where the next funding tranche for its HPMP is being sought.</i>					
Total for Ecuador			\$30,000	\$2,700	\$32,700

List of projects and activities recommended for blanket approval

UNEP/OzL.Pro/ExCom/77/26
Annex I

Project Title	Agency	ODP (tonnes)	Funds recommended (US\$)		C.E. (US\$/kg)
			Project	Support	
EL SALVADOR					
PHASE-OUT PLAN					
HCFC phase out plan					
HCFC phase-out management plan (stage I, third tranche)	UNEP	0.3	\$171,000	\$4,680	\$175,680
HCFC phase-out management plan (stage I, third tranche)	UNDP	2.0	\$94,000	\$7,050	\$101,050
Total for El Salvador		2.3	\$265,000	\$11,730	\$276,730
ERITREA					
PHASE-OUT PLAN					
HCFC phase out plan					
HCFC phase-out management plan (stage I, second tranche)	UNEP	0.2	\$29,000	\$3,770	\$32,770
<p><i>Noted that the Agreement was updated based on the established HCFC baseline for compliance; and that the revised starting point for sustained aggregate reduction in HCFC consumption was 1.08 ODP tonnes, calculated using actual consumption of 1.05 ODP tonnes and 1.12 ODP tonnes reported for 2009 and 2010, respectively, under Article 7 of the Montreal Protocol and that the revised funding level for stage I of the HPMP for Eritrea was US\$210,000 plus agency support costs, in accordance with decision 60/44(f)(xii). 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.</i></p>					
HCFC phase-out management plan (stage I, second tranche)	UNIDO	0.2	\$80,000	\$7,200	\$87,200
<p><i>Noted that the Agreement was updated based on the established HCFC baseline for compliance; and that the revised starting point for sustained aggregate reduction in HCFC consumption was 1.08 ODP tonnes, calculated using actual consumption of 1.05 ODP tonnes and 1.12 ODP tonnes reported for 2009 and 2010, respectively, under Article 7 of the Montreal Protocol and that the revised funding level for stage I of the HPMP for Eritrea was US\$210,000 plus agency support costs, in accordance with decision 60/44(f)(xii). 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.</i></p>					
SEVERAL					
Ozone unit support					
Renewal of the institutional strengthening project (phase III: 12/2016-11/2018)	UNEP		\$85,000	\$0	\$85,000
Total for Eritrea		0.4	\$194,000	\$10,970	\$204,970

List of projects and activities recommended for blanket approval

UNEP/OzL.Pro/ExCom/77/26
Annex I

Project Title	Agency	ODP (tonnes)	Funds recommended (US\$)		C.E. (US\$/kg)
			Project	Support	
ETHIOPIA					
PHASE-OUT PLAN					
HCFC phase out plan					
HCFC phase-out management plan (stage I, second tranche)	UNIDO	0.7	\$70,000	\$6,300	\$76,300
<i>Approved on the understanding that UNEP would report on the progress in implementing the recommendations in the verification report in the next tranche submission; and if Ethiopia 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>					
HCFC phase-out management plan (stage I, second tranche)	UNEP	0.8	\$55,000	\$7,150	\$62,150
<i>Approved on the understanding that UNEP would report on the progress in implementing the recommendations in the verification report in the next tranche submission; and if Ethiopia 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>					
SEVERAL					
Ozone unit support					
Extension of the institutional strengthening project (phase VII 1/2017-12/2018)	UNEP		\$85,000	\$0	\$85,000
Total for Ethiopia		1.4	\$210,000	\$13,450	\$223,450
FIJI					
PHASE-OUT PLAN					
HCFC phase out plan					
HCFC phase-out management plan (stage I, third tranche)	UNEP	0.8	\$41,650	\$5,415	\$47,065
<i>Approved on the understanding that if Fiji 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>					
HCFC phase-out management plan (stage I, third tranche)	UNDP	1.2	\$59,850	\$5,387	\$65,237
<i>Approved on the understanding that if Fiji 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>					

List of projects and activities recommended for blanket approval

UNEP/OzL.Pro/ExCom/77/26
Annex I

Project Title	Agency	ODP (tonnes)	Funds recommended (US\$)		C.E. (US\$/kg)
			Project	Support	
SEVERAL					
Ozone unit support					
Extension of the institutional strengthening project (phase X: 1/2017-12/2018)	UNEP		\$85,000	\$0	\$85,000
	Total for Fiji	2.0	\$186,500	\$10,802	\$197,302
GAMBIA					
PHASE-OUT PLAN					
HCFC phase out plan					
HCFC phase-out management plan (stage I, third tranche) <i>Approved on the understanding that if the Gambia 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>	UNEP		\$20,000	\$2,600	\$22,600
HCFC phase-out management plan (stage I, third tranche) <i>Approved on the understanding that if the Gambia 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>	UNIDO	0.2	\$50,000	\$4,500	\$54,500
SEVERAL					
Ozone unit support					
Extension of the institutional strengthening project (phase IX: 12/2016-11/2018)	UNEP		\$85,000	\$0	\$85,000
	Total for Gambia	0.2	\$155,000	\$7,100	\$162,100
GUINEA-BISSAU					
PHASE-OUT PLAN					
HCFC phase out plan					
HCFC phase-out management plan (stage I, third tranche) <i>Approved on the understanding that if Guinea-Bissau 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>	UNIDO	0.3	\$75,000	\$6,750	\$81,750
HCFC phase-out management plan (stage I, third tranche) <i>Approved on the understanding that if Guinea-Bissau 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>	UNEP	0.6	\$50,000	\$6,500	\$56,500

List of projects and activities recommended for blanket approval

UNEP/OzL.Pro/ExCom/77/26
Annex I

Project Title	Agency	ODP (tonnes)	Funds recommended (US\$)		C.E. (US\$/kg)
			Project	Support	
SEVERAL					
Ozone unit support					
Extension of the institutional strengthening project (phase V: 12/2016-11/2018)	UNEP		\$85,000	\$0	\$85,000
	Total for Guinea-Bissau	0.9	\$210,000	\$13,250	\$223,250
GUYANA					
PHASE-OUT PLAN					
HCFC phase out plan					
Verification report on the implementation of the HCFC phase-out management plan <i>Approved on the understanding that the verification report should be submitted at least 60 days prior to the applicable Executive Committee meeting where the next funding tranche for its HPMP is being sought.</i>	UNEP		\$30,000	\$3,900	\$33,900
	Total for Guyana		\$30,000	\$3,900	\$33,900
IRAN					
SEVERAL					
Ozone unit support					
Extension of the institutional strengthening project (phase XI: 4/2017-3/2019)	UNDP		\$222,094	\$15,547	\$237,641
	Total for Iran		\$222,094	\$15,547	\$237,641
JORDAN					
SEVERAL					
Ozone unit support					
Extension of institutional strengthening project (phase XII: 1/2017-12/2018)	IBRD		\$188,586	\$13,201	\$201,787
	Total for Jordan		\$188,586	\$13,201	\$201,787
KENYA					
PHASE-OUT PLAN					
HCFC phase out plan					
HCFC phase-out management plan (stage I, fourth tranche) <i>Approved on the understanding that future tranches of stage I and/or stage II of the HPMP for Kenya would be considered only after satisfactory resolution of the issues related to the import and export licensing and quota system of HCFCs identified in the verification report, and confirmed by an independent verification report; and if Kenya 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>	France	5.8	\$176,250	\$21,346	\$197,596
	Total for Kenya	5.8	\$176,250	\$21,346	\$197,596

List of projects and activities recommended for blanket approval

UNEP/OzL.Pro/ExCom/77/26
Annex I

Project Title	Agency	ODP (tonnes)	Funds recommended (US\$) Project	Support	C.E. (US\$/kg)
KOREA, DPR					
PHASE-OUT PLAN					
HCFC phase out plan					
HCFC phase-out management plan (stage I, third tranche) (policy, refrigeration servicing and monitoring)	UNIDO	2.1	\$167,867	\$11,751	\$179,618
<i>Noted that the enterprise Pyongyang Sonbong PU Foam Factory changed the selected technology from cyclopentane to methyl formate, and that the savings in incremental costs related to the change of technology would decrease the overall funding level under the Agreement by US \$55,330; that UNEP is returning to the Multilateral Fund US\$ 33,197, plus agency support costs of US \$4,316, and that US \$33,197, plus agency support costs of US \$2,324 have been added to the third tranche being requested by UNIDO in accordance with decision 75/58(b) and (c); and that the Agreement had been updated based on the level of funding approved at the second tranche, the savings in incremental costs and the transfer of UNEP's component to UNIDO. UNIDO was requested when submitting and implementing future tranches of the HPMP, to follow an approach similar to that taken for the first and second tranches of stage I of the HPMP in terms of compliance with the resolutions of the United Nations Security Council, the modality of disbursement, organizational structures and monitoring procedures; and to report on progress in the establishment of a fund-transfer mechanism in the context of the 2016 annual progress and financial report.</i>					
Total for Korea, DPR		2.1	\$167,867	\$11,751	\$179,618
KYRGYZSTAN					
PHASE-OUT PLAN					
HCFC phase out plan					
Verification report for stage I of HCFC phase-out management plan	UNDP		\$30,000	\$2,700	\$32,700
<i>Approved on the understanding that the verification report should be submitted at least 60 days prior to the applicable Executive Committee meeting where the next funding tranche for its HPMP is being sought.</i>					
SEVERAL					
Ozone unit support					
Extension of the institutional strengthening project (phase VIII: 1/2017-12/2018)	UNEP		\$148,262	\$0	\$148,262
Total for Kyrgyzstan			\$178,262	\$2,700	\$180,962
LEBANON					
SEVERAL					
Ozone unit support					
Extension of the institutional strengthening project (phase X: 4/2017-3/2019)	UNDP		\$198,515	\$13,896	\$212,411
Total for Lebanon			\$198,515	\$13,896	\$212,411

List of projects and activities recommended for blanket approval

UNEP/OzL.Pro/ExCom/77/26
Annex I

Project Title	Agency	ODP (tonnes)	Funds recommended (US\$)		C.E. (US\$/kg)
			Project	Support	
LESOTHO					
SEVERAL					
Ozone unit support					
Extension of the institutional strengthening project (phase VIII: 1/2017-12/2018)	UNEP		\$85,000	\$0	\$85,000
Total for Lesotho			\$85,000		\$85,000
LIBYA					
SEVERAL					
Ozone unit support					
Renewal of institutional strengthening project (phase V: 12/2016-11/2017) <i>Approved without prejudice to the operation of the Montreal Protocol's mechanism on-non compliance</i>	UNIDO		\$87,082	\$6,096	\$93,178
Total for Libya			\$87,082	\$6,096	\$93,178
MADAGASCAR					
SEVERAL					
Ozone unit support					
Renewal of institutional strengthening project (phase VII: 1/2017-12/2018)	UNEP		\$85,000	\$0	\$85,000
Total for Madagascar			\$85,000		\$85,000
MALAWI					
PHASE-OUT PLAN					
HCFC phase out plan					
HCFC phase-out management plan (stage I, third tranche) <i>Approved on the understanding that UNEP will report on the progress in implementing the recommendations in the verification report in the next tranche submission; and if the Government of Malawi 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>	UNIDO	1.3	\$60,000	\$5,400	\$65,400
HCFC phase-out management plan (stage I, third tranche) <i>Approved on the understanding that UNEP will report on the progress in implementing the recommendations in the verification report in the next tranche submission; and if the Government of Malawi 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>	UNEP		\$40,000	\$5,200	\$45,200
Total for Malawi		1.3	\$100,000	\$10,600	\$110,600

List of projects and activities recommended for blanket approval

UNEP/OzL.Pro/ExCom/77/26
Annex I

Project Title	Agency	ODP (tonnes)	Funds recommended (US\$)		C.E. (US\$/kg)
			Project	Support	Total
MALAYSIA					
PHASE-OUT PLAN					
HCFC phase out plan					
HCFC phase-out management plan (stage I, fourth tranche) (refrigeration servicing, management and coordination)	UNDP	0.8	\$141,295	\$10,597	\$151,892
<i>The Government of Malaysia and UNDP were 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 II, and the project completion report by the second meeting of the Executive Committee in 2018.</i>					
Total for Malaysia		0.8	\$141,295	\$10,597	\$151,892
MALDIVES					
SEVERAL					
Ozone unit support					
Extension of the institutional strengthening project (phase IX: 12/2016-11/2018)	UNEP		\$85,000	\$0	\$85,000
Total for Maldives			\$85,000		\$85,000
MAURITIUS					
SEVERAL					
Ozone unit support					
Extension of the institutional strengthening project (phase V: 1/2017-12/2018)	UNEP		\$85,000	\$0	\$85,000
Total for Mauritius			\$85,000		\$85,000
MICRONESIA					
SEVERAL					
Ozone unit support					
Renewal of institutional strengthening project (phase VI: 1/2017-12/2018)	UNEP		\$85,000	\$0	\$85,000
Total for Micronesia			\$85,000		\$85,000
MOLDOVA, REP					
SEVERAL					
Ozone unit support					
Extension of the institutional strengthening project (phase IX: 1/2017-12/2018)	UNEP		\$88,748	\$0	\$88,748
Total for Moldova, Rep			\$88,748		\$88,748

List of projects and activities recommended for blanket approval

UNEP/OzL.Pro/ExCom/77/26
Annex I

Project Title	Agency	ODP (tonnes)	Funds recommended (US\$)		C.E. (US\$/kg)
			Project	Support	
MONGOLIA					
PHASE-OUT PLAN					
HCFC phase out plan					
HCFC phase-out management plan (stage I, third tranche)	UNEP	0.4	\$69,000	\$8,970	\$77,970
<i>Noted that the Fund Secretariat had updated the Agreement to correctly reflect the maximum allowable consumption values for the years 2015-2019.</i>					
Total for Mongolia		0.4	\$69,000	\$8,970	\$77,970
MOZAMBIQUE					
PHASE-OUT PLAN					
HCFC phase out plan					
Verification report on the implementation of the HCFC phase-out management plan	UNEP		\$30,000	\$3,900	\$33,900
<i>Approved on the understanding that the verification report should be submitted at least 60 days prior to the applicable Executive Committee meeting where the next funding tranche for its HPMP is being sought.</i>					
Total for Mozambique			\$30,000	\$3,900	\$33,900
NEPAL					
SEVERAL					
Ozone unit support					
Extension of the institutional strengthening project (phase IX: 11/2016-10/2018)	UNEP		\$85,000	\$0	\$85,000
Total for Nepal			\$85,000		\$85,000
PAKISTAN					
SEVERAL					
Ozone unit support					
Extension of the institutional strengthening project (phase IX: 4/2017-3/2019)	UNDP		\$287,318	\$20,112	\$307,430
Total for Pakistan			\$287,318	\$20,112	\$307,430
PAPUA NEW GUINEA					
PHASE-OUT PLAN					
HCFC phase out plan					
HCFC phase-out management plan (third tranche)	Germany	1.2	\$301,000	\$35,518	\$336,518
<i>Approved on the understanding that if and when Papua New Guinea 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>					
Total for Papua New Guinea		1.2	\$301,000	\$35,518	\$336,518

List of projects and activities recommended for blanket approval

UNEP/OzL.Pro/ExCom/77/26
Annex I

Project Title	Agency	ODP (tonnes)	Funds recommended (US\$) Project	Support	C.E. (US\$/kg)
PARAGUAY					
SEVERAL					
Ozone unit support					
Extension of institutional strengthening project (phase VIII: 4/2017-3/2019)	UNEP		\$85,000	\$0	\$85,000
Total for Paraguay			\$85,000		\$85,000
SAINT VINCENT AND THE GRENADINES					
PHASE-OUT PLAN					
HCFC phase out plan					
Verification report on the implementation of the HCFC phase-out management plan	UNEP		\$30,000	\$3,900	\$33,900
<i>Approved on the understanding that the verification report should be submitted at least 60 days prior to the applicable Executive Committee meeting where the next funding tranche for its HPMP is being sought.</i>					
Total for Saint Vincent and the Grenadines			\$30,000	\$3,900	\$33,900
SIERRA LEONE					
PHASE-OUT PLAN					
HCFC phase out plan					
Verification report on the implementation of the HCFC phase-out management plan	UNEP		\$30,000	\$3,900	\$33,900
<i>Approved on the understanding that the verification report should be submitted at least 60 days prior to the applicable Executive Committee meeting where the next funding tranche for its HPMP is being sought.</i>					
Total for Sierra Leone			\$30,000	\$3,900	\$33,900
SOMALIA					
SEVERAL					
Ozone unit support					
Extension of the institutional strengthening project (phase III: 12/2016-11/2018)	UNEP		\$85,000	\$0	\$85,000
Total for Somalia			\$85,000		\$85,000
SURINAME					
SEVERAL					
Ozone unit support					
Extension of the institutional strengthening project (phase VI: 12/2016-11/2018)	UNEP		\$93,866	\$0	\$93,866
Total for Suriname			\$93,866		\$93,866

List of projects and activities recommended for blanket approval

UNEP/OzL.Pro/ExCom/77/26
Annex I

Project Title	Agency	ODP (tonnes)	Funds recommended (US\$)		C.E. (US\$/kg)
			Project	Support	
SWAZILAND					
PHASE-OUT PLAN					
HCFC phase out plan					
HCFC phase-out management plan (stage I, third tranche)	UNEP		\$50,000	\$6,500	\$56,500
<i>Approved on the understanding that if Swaziland 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>					
Total for Swaziland			\$50,000	\$6,500	\$56,500
THAILAND					
FOAM					
Preparation of project proposal					
Preparation for HCFC phase-out investment activities (stage II) (foam sector)	IBRD		\$120,000	\$8,400	\$128,400
REFRIGERATION					
Preparation of project proposal					
Preparation for HCFC phase-out investment activities (stage II) (commercial refrigeration sector)	IBRD		\$90,000	\$6,300	\$96,300
SOLVENT					
Preparation of project proposal					
Preparation for HCFC phase-out investment activities (stage II) (solvent sector)	IBRD		\$90,000	\$6,300	\$96,300
PHASE-OUT PLAN					
HCFC phase out plan					
Preparation of a HCFC phase-out management plan (stage II)	IBRD		\$90,000	\$6,300	\$96,300
SEVERAL					
Ozone unit support					
Extension of institutional strengthening project (phase VIII: 1/2017-12/2018)	IBRD		\$443,735	\$31,061	\$474,796
Total for Thailand			\$833,735	\$58,361	\$892,096
TOGO					
SEVERAL					
Ozone unit support					
Extension of the institutional strengthening project (phase IX: 1/2017-12/2018)	UNEP		\$85,000	\$0	\$85,000
Total for Togo			\$85,000		\$85,000

List of projects and activities recommended for blanket approval

UNEP/OzL.Pro/ExCom/77/26
Annex I

Project Title	Agency	ODP (tonnes)	Funds recommended (US\$)		C.E. (US\$/kg)
			Project	Support	
TUNISIA					
FOAM					
Preparation of project proposal					
Preparation for HCFC phase-out investment activities (stage II) (polyurethane foam sector)	UNIDO		\$60,000	\$4,200	\$64,200
PHASE-OUT PLAN					
HCFC phase out plan					
Preparation of a HCFC phase-out management plan (stage II)	UNIDO		\$60,000	\$4,200	\$64,200
Total for Tunisia			\$120,000	\$8,400	\$128,400
UGANDA					
PHASE-OUT PLAN					
HCFC phase out plan					
HCFC phase-out management plan (stage I, second tranche)	UNEP		\$23,500	\$3,055	\$26,555
<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.</i>					
HCFC phase-out management plan (stage I, second tranche)	UNIDO		\$40,000	\$3,600	\$43,600
<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.</i>					
Total for Uganda			0.1	\$63,500	\$6,655
VANUATU					
SEVERAL					
Ozone unit support					
Extension of institutional strengthening project (phase VI: 1/2017-12/2018)	UNEP		\$85,000	\$0	\$85,000
Total for Vanuatu			\$85,000		\$85,000
VENEZUELA					
SEVERAL					
Ozone unit support					
Renewal of institutional strengthening project (phase XIII: 1/2017-12/2018)	UNDP		\$365,414	\$25,579	\$390,993
Total for Venezuela			\$365,414	\$25,579	\$390,993

List of projects and activities recommended for blanket approval

UNEP/OzL.Pro/ExCom/77/26
Annex I

Project Title	Agency	ODP (tonnes)	Funds recommended (US\$)		C.E. (US\$/kg)
			Project	Support	
VIETNAM					
SEVERAL					
Ozone unit support					
Extension of the institutional strengthening project (phase XI: 7/2017-6/2019)	UNEP		\$152,289	\$0	\$152,289
Total for Vietnam			\$152,289		\$152,289
ZAMBIA					
PHASE-OUT PLAN					
HCFC phase out plan					
HCFC phase-out management plan (stage I, third tranche) <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>	UNIDO	0.4	\$70,000	\$6,300	\$76,300
HCFC phase-out management plan (stage I, third tranche) <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>	UNEP		\$35,000	\$4,550	\$39,550
SEVERAL					
Ozone unit support					
Extension of the institutional strengthening project (phase VI: 12/2016-11/2018)	UNEP		\$85,000	\$0	\$85,000
Total for Zambia			0.4	\$190,000	\$10,850
GRAND TOTAL			19.2	\$7,793,538	\$447,733
					\$8,241,271