

List of projects and activities approved for funding

UNEP/OzL.Pro/ExCom/81/58
Annex V

Project Title	Agency	ODP/Metric (tonnes)*	Funds approved (US\$)		C.E. (US\$/kg)
			Project	Support	Total
ALBANIA					
PHASE-OUT PLAN					
HCFC phase out plan					
HCFC phase-out management plan (stage I, fourth tranche)	UNEP	0.4	\$8,500	\$1,105	\$9,605
HCFC phase-out management plan (stage I, fourth tranche)	UNIDO	1.1	\$30,000	\$2,700	\$32,700
Preparation of a HCFC phase-out management plan (stage II)	UNIDO		\$30,000	\$2,100	\$32,100
Total for Albania		1.5	\$68,500	\$5,905	\$74,405
BAHRAIN					
SEVERAL					
Ozone unit support					
Extension of institutional strengthening project (phase IX: 6/2018-5/2020)	UNEP		\$85,000	\$0	\$85,000
Technical assistance/support					
Enabling activities for HFC phase-down	UNEP		\$150,000	\$10,500	\$160,500
Total for Bahrain			\$235,000	\$10,500	\$245,500
BANGLADESH					
PHASE-OUT PLAN					
HCFC phase out plan					
HCFC phase-out management plan (stage II, first tranche) (project management unit)	UNDP		\$174,539	\$12,218	\$186,757
Approved in accordance with the Agreement between the Government and the Executive Committee for the period 2018 to 2025 to reduce HCFC consumption by 67.5 per cent of the baseline by 2025. Noted the commitment of the Government to reduce HCFC consumption by 67.5 per cent of the baseline by 2025; and to issue a ban on manufacture and import of HCFC-22-based air-conditioners with cooling capacity up to 1.5 TR by 1 January 2024. The Government, UNDP and UNEP were requested to deduct 24.01 ODP tonnes of HCFCs from the remaining HCFC consumption eligible for funding.					

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HCFC phase-out management plan (stage II, first tranche) (refrigeration servicing sector)	UNEP	4.7	\$360,000	\$46,333	\$406,333	
<i>Approved in accordance with the Agreement between the Government and the Executive Committee for the period 2018 to 2025 to reduce HCFC consumption by 67.5 per cent of the baseline by 2025. Noted the commitment of the Government to reduce HCFC consumption by 67.5 per cent of the baseline by 2025; and to issue a ban on manufacture and import of HCFC-22-based air-conditioners with cooling capacity up to 1.5 TR by 1 January 2024. The Government, UNDP and UNEP were requested to deduct 24.01 ODP tonnes of HCFCs from the remaining HCFC consumption eligible for funding.</i>						
HCFC phase-out management plan (stage II, first tranche) (air-conditioning sector)	UNDP	6.8	\$1,967,866	\$137,750	\$2,105,616	
<i>Approved in accordance with the Agreement between the Government and the Executive Committee for the period 2018 to 2025 to reduce HCFC consumption by 67.5 per cent of the baseline by 2025. Noted the commitment of the Government to reduce HCFC consumption by 67.5 per cent of the baseline by 2025; and to issue a ban on manufacture and import of HCFC-22-based air-conditioners with cooling capacity up to 1.5 TR by 1 January 2024. The Government, UNDP and UNEP were requested to deduct 24.01 ODP tonnes of HCFCs from the remaining HCFC consumption eligible for funding.</i>						
SEVERAL						
Technical assistance/support						
Enabling activities for HFC phase-down	Canada		\$75,000	\$5,250	\$80,250	
Enabling activities for HFC phase-down	UNEP		\$61,000	\$4,270	\$65,270	
Enabling activities for HFC phase-down	UNDP		\$14,000	\$980	\$14,980	
Total for Bangladesh		11.5	\$2,652,405	\$206,801	\$2,859,206	
BELIZE						
SEVERAL						
Ozone unit support						
Renewal of institutional strengthening project (phase IX: 6/2018-5/2020)	UNEP		\$98,176	\$0	\$98,176	
Total for Belize			\$98,176		\$98,176	

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			Project	Support	

BENIN

PHASE-OUT PLAN

HCFC phase out plan

HCFC phase-out management plan (stage I, fourth tranche)	UNEP	3.5	\$65,000	\$8,450	\$73,450
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Approved on the understanding that UNEP and UNIDO would assist the Government to implement the recommendations contained in the verification report for HCFC consumption, and would report on the progress made in this regard at the time of the next tranche submission.

Total for Benin		3.5	\$65,000	\$8,450	\$73,450
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BOLIVIA

PHASE-OUT PLAN

HCFC phase out plan

HCFC phase-out management plan (stage I, fourth tranche)	UNIDO	1.0	\$30,000	\$2,700	\$32,700
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Noted that UNIDO would include an update, as part of the progress report on implementation of the fourth tranche of the HPMP, on the progress made in implementing the recommendations in the verification report submitted to the 81st meeting, including strengthening the licensing system, improving communication between the national ozone unit and customs and additional training for customs, and strengthening data recording procedures; that the CAP of UNEP would continue to assist the Government in strengthening its national institutions dealing with implementation of the Montreal Protocol; and that the CAP would include a report on efforts to assure the continuity of the national ozone unit in the next request for renewal of the institutional strengthening project (phase XI) for the country.

Total for Bolivia		1.0	\$30,000	\$2,700	\$32,700
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BURUNDI

PHASE-OUT PLAN

HCFC phase out plan

HCFC phase-out management plan (stage I, third tranche)	UNEP	1.3	\$63,800	\$8,294	\$72,094
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Noted that the Agreement had been updated based on the revised starting point for sustained aggregate reduction which was 2.10 ODP tonnes based on the review of consumption levels, particularly given the current socio-economic factors in the country; that the total funding approved in principle for stage I of the HPMP to meet the 35 per cent reduction of the HCFC baseline, was US \$332,000 rather than US \$210,000 in line with decision 60/44(f)(xii); that the maximum funding balance for which the country was eligible for the total phase out of HCFCs was US \$418,000 in line with decision 74/50(c)(xii); and that the necessary funding adjustments would be made during the approval of the stage II HPMP for the country.

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			Project	Support	Total	
HCFC phase-out management plan (stage I, third tranche)	UNIDO	0.8	\$80,000	\$7,200	\$87,200	
<i>Noted that the Agreement had been updated based on the revised starting point for sustained aggregate reduction which was 2.10 ODP tonnes based on the review of consumption levels, particularly given the current socio-economic factors in the country; that the total funding approved in principle for stage I of the HPMP to meet the 35 per cent reduction of the HCFC baseline, was US \$332,000 rather than US \$210,000 in line with decision 60/44(f)(xii); that the maximum funding balance for which the country was eligible for the total phase out of HCFCs was US \$418,000 in line with decision 74/50(c)(xii); and that the necessary funding adjustments would be made during the approval of the stage II HPMP for the country.</i>						
SEVERAL						
Ozone unit support						
Extension of the institutional strengthening project (phase VIII: 8/2018-7/2020)	UNEP		\$85,000	\$0	\$85,000	
Total for Burundi		2.1	\$228,800	\$15,494	\$244,294	
CAPE VERDE						
PHASE-OUT PLAN						
HCFC phase out plan						
HCFC phase-out management plan (stage I, fourth tranche)	UNEP	0.1	\$30,000	\$3,900	\$33,900	
Preparation of a HCFC phase-out management plan (stage II)	UNEP		\$30,000	\$3,900	\$33,900	
SEVERAL						
Ozone unit support						
Extension of the institutional strengthening project (phase VI: 6/2018-5/2020)	UNEP		\$85,000	\$0	\$85,000	
Total for Cape Verde		0.1	\$145,000	\$7,800	\$152,800	
CHILE						
PHASE-OUT PLAN						
HCFC phase out plan						
HCFC phase-out management plan (stage II, second tranche) (refrigeration servicing sector)	UNIDO	6.4	\$618,420	\$43,289	\$661,709	
HCFC phase-out management plan (stage II, second tranche) (foam sector)	UNDP	23.2	\$1,401,911	\$98,134	\$1,500,045	
HCFC phase-out management plan (stage II, second tranche) (refrigeration servicing sector)	UNEP	1.5	\$130,962	\$17,025	\$147,987	
Total for Chile		31.2	\$2,151,293	\$158,448	\$2,309,741	

* HCFC in ODP tonnes. HFC in metric tonnes

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			Project	Support	Total	
CHINA						
PRODUCTION						
HCFC closure						
HCFC production phase-out management plan	IBRD		\$23,000,000	\$1,288,000	\$24,288,000	
<i>Approved, on an exceptional basis, and without setting a precedent with regard to the overall level of funding of stage II of the HPPMP and the funding tranches therein, on the understanding that the Government agreed that the maximum allowable level of production of HCFCs for 2018 would be 22,742 ODP tonnes, and the amount of funding provided could be reduced by US \$1.73 per kg/year of production beyond the above-mentioned level; and that the Government would organize bidding in relation to production closure or quota reduction to reduce 1,188 ODP tonnes of HCFC production in 2018, issue the quota at the reduced level for 2018, and begin to address the sustainability of the phase-out of HCFC production in relation to the environment impact assessment, provide specific technical assistance to support enterprise-level activities, including continued monitoring and verification of each compensated production line, ensure that any compensated plant would not redirect any phased out HCFC production capacity towards feedstock use, subject to a penalty of US \$0.15 per kg of redirected production per year, coordinate with its stakeholders and authorities to make best efforts to manage HCFC production and associated by-product production in HCFC plants, in accordance with best practices to minimize associated climate impacts, optimize the implementation of the activities in 2018 in order to minimize environmental and climate impacts as much as possible, including by giving priority to HCFC production closure to achieve the HCFC reduction targets set out in decision XIX/6, and ensure that any funds in possession of the FECO/MEP would return a reasonable rate of accrued interest, and that any interest would be offset against stage II of the HPPMP. Noted that the approved funding would be deducted from the funding of stage II of the HPPMP.</i>						
PHASE-OUT PLAN						
HCFC phase out plan						
HCFC phase-out management plan (stage II, balance of second tranche) (extruded polystyrene foam sector plan)	Germany		\$3,988	\$475	\$4,463	
HCFC phase-out management plan (stage II, second tranche) (refrigeration and air-conditioning servicing sector plan and enabling component)	UNEP	92.9	\$2,570,000	\$284,061	\$2,854,061	
HCFC phase-out management plan (stage II, second tranche) (room air-conditioner manufacturing sector plan)	UNIDO	821.7	\$16,000,000	\$1,120,000	\$17,120,000	
HCFC phase-out management plan (stage II, second tranche) (extruded polystyrene foam sector plan) (balance of agency support costs)	UNIDO		\$0	\$43,663	\$43,663	
HCFC phase-out management plan (stage II, second tranche) (solvent sector plan) (balance of agency support costs)	UNDP		\$0	\$18,886	\$18,886	

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			Project	Support	Total	
HCFC phase-out management plan (stage II, second tranche) (refrigeration and air-conditioning servicing sector plan and enabling component)	Japan	2.9	\$80,000	\$10,400	\$90,400	
HCFC phase-out management plan (stage II, second tranche) (industrial and commercial refrigeration and air-conditioning sector plan) (balance of agency support costs)	UNDP		\$0	\$100,000	\$100,000	
Total for China		917.5	\$41,653,988	\$2,865,485	\$44,519,473	

COLOMBIA

PHASE-OUT PLAN

HCFC phase out plan

HCFC phase-out management plan (stage II, second tranche) (technical assistance in policies formulation and implementation)	UNEP	0.6	\$50,000	\$6,500	\$56,500	
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Approved on the understanding that the approved funds would not be transferred to UNDP, UNEP and the Government of Germany until the Secretariat had reviewed the verification report for 2015, 2016 and 2017 and confirmed that the Government of Colombia was in compliance with the Montreal Protocol and the Agreement with the Executive Committee; that UNDP would report the actual IOC incurred during the conversion to reduced-HFO formulations in the foam sector when requesting a future tranche of stage II of the HPMP, on the understanding that if the IOC were below US \$2.13/kg the Government would return the associated funds to the Multilateral Fund in line with decision 75/44(b)(vi); and that UNDP would continue assisting the Government to enact the ban on the use of HCFC-141b in the fire protection sector as soon as possible.

HCFC phase-out management plan (stage II, second tranche) (refrigerant servicing sector, project management and monitoring)	UNDP		\$130,760	\$9,154	\$139,914	
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Approved on the understanding that the approved funds would not be transferred to UNDP, UNEP and the Government of Germany until the Secretariat had reviewed the verification report for 2015, 2016 and 2017 and confirmed that the Government of Colombia was in compliance with the Montreal Protocol and the Agreement with the Executive Committee; that UNDP would report the actual IOC incurred during the conversion to reduced-HFO formulations in the foam sector when requesting a future tranche of stage II of the HPMP, on the understanding that if the IOC were below US \$2.13/kg the Government would return the associated funds to the Multilateral Fund in line with decision 75/44(b)(vi); and that UNDP would continue assisting the Government to enact the ban on the use of HCFC-141b in the fire protection sector as soon as possible.

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HCFC phase-out management plan (stage II, second tranche) (foam sector)	UNDP	34.6	\$1,137,247	\$79,607	\$1,216,854	
<i>Approved on the understanding that the approved funds would not be transferred to UNDP, UNEP and the Government of Germany until the Secretariat had reviewed the verification report for 2015, 2016 and 2017 and confirmed that the Government of Colombia was in compliance with the Montreal Protocol and the Agreement with the Executive Committee; that UNDP would report the actual IOC incurred during the conversion to reduced-HFO formulations in the foam sector when requesting a future tranche of stage II of the HPMP, on the understanding that if the IOC were below US \$2.13/kg the Government would return the associated funds to the Multilateral Fund in line with decision 75/44(b)(vi); and that UNDP would continue assisting the Government to enact the ban on the use of HCFC-141b in the fire protection sector as soon as possible.</i>						
HCFC phase-out management plan (stage II, second tranche) (refrigeration servicing sector)	Germany	1.9	\$162,900	\$20,919	\$183,819	
<i>Approved on the understanding that the approved funds would not be transferred to UNDP, UNEP and the Government of Germany until the Secretariat had reviewed the verification report for 2015, 2016 and 2017 and confirmed that the Government of Colombia was in compliance with the Montreal Protocol and the Agreement with the Executive Committee; that UNDP would report the actual IOC incurred during the conversion to reduced-HFO formulations in the foam sector when requesting a future tranche of stage II of the HPMP, on the understanding that if the IOC were below US \$2.13/kg the Government would return the associated funds to the Multilateral Fund in line with decision 75/44(b)(vi); and that UNDP would continue assisting the Government to enact the ban on the use of HCFC-141b in the fire protection sector as soon as possible.</i>						
Total for Colombia		37.0	\$1,480,907	\$116,180	\$1,597,087	
CONGO						
PHASE-OUT PLAN						
HCFC phase out plan						
Preparation of a HCFC phase-out management plan (stage II)	UNEP		\$25,000	\$3,250	\$28,250	
Preparation of a HCFC phase-out management plan (stage II)	UNIDO		\$15,000	\$1,050	\$16,050	
SEVERAL						
Ozone unit support						
Extension of the institutional strengthening project (phase X: 6/2018-5/2020)	UNEP		\$85,000	\$0	\$85,000	
Total for Congo			\$125,000	\$4,300	\$129,300	

* HCFC in ODP tonnes. HFC in metric tonnes

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COSTA RICA					
PHASE-OUT PLAN					
HCFC phase out plan					
Preparation of a HCFC phase-out management plan (stage II)	UNDP		\$40,000	\$2,800	\$42,800
Total for Costa Rica			\$40,000	\$2,800	\$42,800
CUBA					
SEVERAL					
Technical assistance/support					
Enabling activities for HFC phase-down	Canada		\$75,000	\$5,250	\$80,250
Enabling activities for HFC phase-down	UNDP		\$75,000	\$5,250	\$80,250
Total for Cuba			\$150,000	\$10,500	\$160,500
DJIBOUTI					
SEVERAL					
Ozone unit support					
Extension of the institutional strengthening project (phase VII: 7/2018-6/2020)	UNEP		\$85,000	\$0	\$85,000
Total for Djibouti			\$85,000		\$85,000
DOMINICA					
SEVERAL					
Ozone unit support					
Extension of the institutional strengthening project (phase VII: 6/2018-5/2020)	UNEP		\$85,000	\$0	\$85,000
Total for Dominica			\$85,000		\$85,000

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			Project	Support	Total
DOMINICAN REPUBLIC					
REFRIGERATION					
Commercial					
Conversion of a commercial refrigerator manufacturing line at Fábrica de Refrigeradores Comerciales, SRL (FARCO) from HFC-134a and R-404A to propane (R-290) as refrigerant	Canada	1.9	\$80,000	\$10,400	\$90,400
<i>Approved on the understanding that no further funding would be available until the instrument of ratification by the Government had been received by the depositary at the Headquarters of the United Nations in New York; that 4.01mt (5,734.3mt CO2-eq) of HFC-134a and 0.15mt (588.3mt CO2-eq) of R-404A would be deducted from the starting point for sustained aggregate reduction in HFCs once it has been established; that the project would be completed within 24 months of the transfer of funds to UNDP and the Government of Canada and a comprehensive completion report would be submitted within six months of the project completion with detailed information on the eligible ICCs for all equipment and other components including those not funded under the project, IOCs, any possible savings incurred during the conversion and relevant factors that facilitated implementation (e.g. whether any purchased and/or installed equipment or supplies had gone through a competitive quote/bidding process and the details thereof), changes in the energy efficiency of the products being manufactured and any related policies undertaken by the Government and information on the implementation of the servicing component where applicable; and that any remaining funds would be returned to the Multilateral Fund no later than one year after the date of project completion.</i>					
Conversion of a commercial refrigerator manufacturing line at Fábrica de Refrigeradores Comerciales, SRL (FARCO) from HFC-134a and R-404A to propane (R-290) as refrigerant	UNDP	2.3	\$49,825	\$4,484	\$54,309
<i>Approved on the understanding that no further funding would be available until the instrument of ratification by the Government had been received by the depositary at the Headquarters of the United Nations in New York; that 4.01mt (5,734.3mt CO2-eq) of HFC-134a and 0.15mt (588.3mt CO2-eq) of R-404A would be deducted from the starting point for sustained aggregate reduction in HFCs once it has been established; that the project would be completed within 24 months of the transfer of funds to UNDP and the Government of Canada and a comprehensive completion report would be submitted within six months of the project completion with detailed information on the eligible ICCs for all equipment and other components including those not funded under the project, IOCs, any possible savings incurred during the conversion and relevant factors that facilitated implementation (e.g. whether any purchased and/or installed equipment or supplies had gone through a competitive quote/bidding process and the details thereof), changes in the energy efficiency of the products being manufactured and any related policies undertaken by the Government and information on the implementation of the servicing component where applicable; and that any remaining funds would be returned to the Multilateral Fund no later than one year after the date of project completion.</i>					
Total for Dominican Republic		4.2	\$129,825	\$14,884	\$144,709

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ECUADOR					
PHASE-OUT PLAN					
HCFC phase out plan					
HCFC phase-out management plan (stage I) (foam sector plan)	UNIDO	4.9	\$431,719	\$30,220	\$461,939
<i>Noted that the updated Agreement had been revised to reflect the funds approved and the remaining eligible consumption; the commitment of the Government not to issue any import quota for HCFC-141b contained in pre-blended polyols starting 1 January 2020, except for a maximum of 0.86 ODP tonnes (7.78 mt) for spray foam for the years 2020 and 2021; that the Government will submit as part of stage II a project proposal for the phase-out of HCFC-141b contained in imported pre-blended polyols for spray foam. The Government and UNIDO were requested to deduct 4.85 ODP tonnes of HCFC-141b contained in imported pre-blended polyols from the remaining HCFC consumption eligible for funding.</i>					
Total for Ecuador		4.9	\$431,719	\$30,220	\$461,939
EGYPT					
SEVERAL					
Ozone unit support					
Extension of the institutional strengthening project (phase XII: 1/2019-12/2020)	UNIDO		\$292,253	\$20,458	\$312,711
Total for Egypt			\$292,253	\$20,458	\$312,711
EL SALVADOR					
SEVERAL					
Technical assistance/support					
Enabling activities for HFC phase-down	Canada		\$50,000	\$3,500	\$53,500
Enabling activities for HFC phase-down	UNDP		\$100,000	\$7,000	\$107,000
Total for El Salvador			\$150,000	\$10,500	\$160,500
EQUATORIAL GUINEA					
SEVERAL					
Ozone unit support					
Renewal of the institutional strengthening project (phase III: 6/2018-5/2020)	UNEP		\$102,400	\$0	\$102,400
Total for Equatorial Guinea			\$102,400		\$102,400

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ETHIOPIA						
PHASE-OUT PLAN						
HCFC phase out plan						
Preparation of a HCFC phase-out management plan (stage II)	UNEP		\$22,000	\$2,860	\$24,860	
Preparation of a HCFC phase-out management plan (stage II)	UNIDO		\$8,000	\$560	\$8,560	
Total for Ethiopia			\$30,000	\$3,420	\$33,420	
GABON						
SEVERAL						
Ozone unit support						
Extension of the institutional strengthening project (phase X: 7/2018-6/2020)	UNEP		\$85,000	\$0	\$85,000	
Total for Gabon			\$85,000		\$85,000	
GEORGIA						
PHASE-OUT PLAN						
HCFC phase out plan						
HCFC phase-out management plan (stage I, third tranche)	UNDP	1.2	\$119,400	\$8,955	\$128,355	
<i>Approved on the understanding that an updated verification report to include 2016 and 2017 consumption data would be submitted by June 2018; that Georgia had consumption in the servicing sector only; and that the financial incentive scheme would enhance the sustainability of the training of servicing technicians, and that end-users would provide co financing to participate in the scheme.</i>						
SEVERAL						
Ozone unit support						
Extension of the institutional strengthening project (phase X: 6/2018-5/2020)	UNDP		\$85,000	\$5,950	\$90,950	
Total for Georgia			\$204,400	\$14,905	\$219,305	

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GHANA					
PHASE-OUT PLAN					
HCFC phase out plan					
HCFC phase-out management plan (stage I, fifth tranche)	Italy	4.9	\$60,000	\$7,800	\$67,800
<i>UNDP and the Government of Italy were requested to continue assisting the Government, during implementation of its HPMP, in identifying possible alternative refrigerants with low-GWP for retrofits in the commercial refrigeration sector; UNDP was requested to report, in future progress reports on stage I of the HPMP, on the progress of the transition from the interim technology selected by the Government to lower-GWP refrigerants, in line with decision 75/62(c), including the availability of lower-GWP refrigerants on the market, until a lower-GWP technology had been fully introduced. Approved on the understanding that the consumption level and starting point will be reviewed when stage II of the HCFC phase-out management plan is submitted; and that the sum of US\$42,000 originally planned for the end-user incentive programme in the fifth tranche would be combined with the funding component of the sixth (2019) tranche for end-user conversions to low-GWP technologies or other activities to promote HCFC conversion to low-GWP alternatives in the sixth (2019) tranche.</i>					
HCFC phase-out management plan (stage I, fifth tranche)	UNDP		\$125,000	\$9,375	\$134,375
<i>UNDP and the Government of Italy were requested to continue assisting the Government, during implementation of its HPMP, in identifying possible alternative refrigerants with low-GWP for retrofits in the commercial refrigeration sector; UNDP was requested to report, in future progress reports on stage I of the HPMP, on the progress of the transition from the interim technology selected by the Government to lower-GWP refrigerants, in line with decision 75/62(c), including the availability of lower-GWP refrigerants on the market, until a lower-GWP technology had been fully introduced. Approved on the understanding that the consumption level and starting point will be reviewed when stage II of the HCFC phase-out management plan is submitted; and that the sum of US\$42,000 originally planned for the end-user incentive programme in the fifth tranche would be combined with the funding component of the sixth (2019) tranche for end-user conversions to low-GWP technologies or other activities to promote HCFC conversion to low-GWP alternatives in the sixth (2019) tranche.</i>					
Preparation of a HCFC phase-out management plan (stage II)	UNDP		\$60,000	\$4,200	\$64,200
Total for Ghana		4.9	\$245,000	\$21,375	\$266,375
GRENADA					
SEVERAL					
Ozone unit support					
Extension of the institutional strengthening project (phase VI: 6/2018-5/2020)	UNEP		\$85,000	\$0	\$85,000
Total for Grenada			\$85,000		\$85,000

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Project Title	Agency	ODP/Metric (tonnes)*	Funds approved (US\$)			C.E. (US\$/kg)
			Project	Support	Total	
GUATEMALA						
PHASE-OUT PLAN						
HCFC phase out plan						
HCFC phase-out management plan (stage I, fourth tranche)	UNEP	0.2	\$23,250	\$3,023	\$26,273	
HCFC phase-out management plan (stage I, fourth tranche)	UNIDO	1.2	\$42,850	\$3,214	\$46,064	
SEVERAL						
Ozone unit support						
Renewal of the institutional strengthening project (phase VIII: 7/2018-6-2020)	UNEP		\$159,744	\$0	\$159,744	
Total for Guatemala		1.4	\$225,844	\$6,237	\$232,081	
GUINEA-BISSAU						
PHASE-OUT PLAN						
HCFC phase out plan						
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	
Total for Guinea-Bissau			\$30,000	\$3,300	\$33,300	
HONDURAS						
PHASE-OUT PLAN						
HCFC phase out plan						
HCFC phase-out management plan (stage I, fourth tranche)	UNEP	2.0	\$50,000	\$6,500	\$56,500	
<i>Approved on the understanding that UNEP and the Government will intensify efforts to implement the training activities for refrigeration technicians associated with stage I of the HPMP; that UNEP would submit a progress report to each meeting on the implementation of activities under UNEP's components associated with stage I of the HPMP, including disbursements achieved, until the submission of the fifth and final tranche of stage I of the HPMP; that the disbursement targets for the total amount of funds approved for the UNEP components of the first, second and third tranches of stage I of the HPMP for Honduras are 50 per cent by 30 September 2018, 80 per cent by 31 March 2019, and 100 per cent by December 2019, and for the UNEP component of the fourth tranche are 20 per cent disbursement by 31 March 2019 and 50 per cent disbursement by December 2019; and if Honduras 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 approved for funding

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Project Title	Agency	ODP/Metric (tonnes)*	Funds approved (US\$)			C.E. (US\$/kg)
			Project	Support	Total	
HCFC phase-out management plan (stage I, fourth tranche)	UNIDO	3.0	\$60,000	\$4,500	\$64,500	
<i>Approved on the understanding that UNEP and the Government will intensify efforts to implement the training activities for refrigeration technicians associated with stage I of the HPMP; that UNEP would submit a progress report to each meeting on the implementation of activities under UNEP's components associated with stage I of the HPMP, including disbursements achieved, until the submission of the fifth and final tranche of stage I of the HPMP; that the disbursement targets for the total amount of funds approved for the UNEP components of the first, second and third tranches of stage I of the HPMP for Honduras are 50 per cent by 30 September 2018, 80 per cent by 31 March 2019, and 100 per cent by December 2019, and for the UNEP component of the fourth tranche are 20 per cent disbursement by 31 March 2019 and 50 per cent disbursement by December 2019; and if Honduras 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 Honduras		5.0	\$110,000	\$11,000	\$121,000	

INDONESIA

PHASE-OUT PLAN

HCFC phase out plan

HCFC phase-out management plan (stage II, second tranche) (foam sector)	IBRD	12.8	\$1,276,549	\$89,358	\$1,365,907	
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Noted the return of US \$35,000 plus agency support costs of US \$2,450 from the World Bank, associated with the withdrawal of the foam enterprise CV. Laksana Teknik Makmur to the 81st meeting; that the systems house PT MCNS Polyurethane Indonesia had decided to withdraw from the foam sector plan and that the systems house PT Intimas Chemindo, which had originally declined to participate, had now committed to join; that the funding of US \$301,538 associated with the systems house PT MCNS Polyurethane Indonesia had been reallocated to the systems house PT Intimas Chemindo. Approved on the understanding that the approved funds would not be transferred to UNDP and the World Bank until the Secretariat had reviewed the verification report for 2016 and 2017 and confirmed that the Government was in compliance with the Montreal Protocol and the Agreement with the Executive Committee.

* HCFC in ODP tonnes. HFC in metric tonnes

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Project Title	Agency	ODP/Metric (tonnes)*	Funds approved (US\$)			C.E. (US\$/kg)
			Project	Support	Total	
HCFC phase-out management plan (stage II, second tranche) (refrigeration servicing sector)	UNDP	8.6	\$753,500	\$52,745	\$806,245	
<i>Noted the return of US \$35,000 plus agency support costs of US \$2,450 from the World Bank, associated with the withdrawal of the foam enterprise CV. Laksana Teknik Makmur to the 81st meeting; that the systems house PT MCNS Polyurethane Indonesia had decided to withdraw from the foam sector plan and that the systems house PT Intimas Chemindo, which had originally declined to participate, had now committed to join; that the funding of US \$301,538 associated with the systems house PT MCNS Polyurethane Indonesia had been reallocated to the systems house PT Intimas Chemindo. Approved on the understanding that the approved funds would not be transferred to UNDP and the World Bank until the Secretariat had reviewed the verification report for 2016 and 2017 and confirmed that the Government was in compliance with the Montreal Protocol and the Agreement with the Executive Committee.</i>						
Total for Indonesia		21.5	\$2,030,049	\$142,103	\$2,172,152	
IRAQ						
SEVERAL						
Technical assistance/support						
Enabling activities for HFC phase-down	UNEP		\$250,000	\$17,500	\$267,500	
Total for Iraq			\$250,000	\$17,500	\$267,500	
JAMAICA						
PHASE-OUT PLAN						
HCFC phase out plan						
Preparation of a HCFC phase-out management plan (stage II)	UNDP		\$40,000	\$2,800	\$42,800	
Total for Jamaica			\$40,000	\$2,800	\$42,800	

List of projects and activities approved for funding

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Project Title	Agency	ODP/Metric (tonnes)*	Funds approved (US\$)		C.E. (US\$/kg)
			Project	Support	Total
JORDAN					
REFRIGERATION					
Commercial					
Conversion of large commercial unitary roof top air-conditioning units of up to 400kW manufacturing facility from HFC (R134a, R407c, R410a) to propane R290 as refrigerant at Petra Engineering Industries Co.	UNIDO	118.7	\$1,637,610	\$114,633	\$1,752,243
<i>Approved on the understanding that, except for enabling activities, no further funding would be available until the instrument of ratification by the Government had been received by the depositary at the Headquarters of the United Nations in New York; that 36.25mt (51,837.5mt CO2-eq) of HFC-134a, 39.75mt (70,516.5mt CO2-eq) of R-407C, and 42.70mt (89,175.6mt CO2-eq) of R-410A would be deducted from the starting point for sustained aggregate reduction in HFCs once it has been established; that the project would be completed within 24 months of the transfer of funds to UNIDO and a comprehensive completion report would be submitted within six months of the project completion with detailed information on the eligible ICCs for all equipment and other components including those not funded under the project, IOCs, any possible savings incurred during the conversion and relevant factors that facilitated implementation (e.g. whether any purchased and/or installed equipment or supplies had gone through a competitive quote/bidding process and the details thereof), changes in the energy efficiency of the products being manufactured and any related policies undertaken by the Government and information on the implementation of the servicing component where applicable; that, in line with decision 77/35, UNIDO would not pay IOCs until it had verified that the enterprise was manufacturing equipment using R-290 technology, and that, if, within 24 months of the transfer of funds to UNIDO, not all the IOCs had been disbursed, the Executive Committee would consider, on an exceptional basis, a one-year extension of the financial completion of the project for the sole purpose of allowing the IOCs to be disbursed, on the understanding that the comprehensive report referred to above would be submitted within 24 months of the transfer of funds to UNIDO; and that any remaining funds, including any IOCs that had yet to be disbursed, based on the agreed level of US \$6.30/kg, and any savings, including savings in IOCs, including from the reduced material costs stemming from the reduction in refrigerant charge, would be returned to the Multilateral Fund no later than the submission of the financial completion of the project.</i>					
Total for Jordan		118.7	\$1,637,610	\$114,633	\$1,752,243
KUWAIT					
SEVERAL					
Ozone unit support					
Extension of institutional strengthening project (phase VII: 6/2018-5/2020)	UNEP		\$134,810	\$0	\$134,810
Technical assistance/support					
Enabling activities for HFC phase-down	UNEP		\$250,000	\$17,500	\$267,500

* HCFC in ODP tonnes. HFC in metric tonnes

List of projects and activities approved for funding

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Project Title	Agency	ODP/Metric (tonnes)*	Funds approved (US\$)			C.E. (US\$/kg)
			Project	Support	Total	
Total for Kuwait			\$384,810	\$17,500	\$402,310	
KYRGYZSTAN						
PHASE-OUT PLAN						
HCFC phase out plan						
HCFC phase-out management plan (stage II, second tranche)	UNDP	0.5	\$175,000	\$12,250	\$187,250	
<i>Approved on the understanding that end-users would provide co-financing to participate in the incentive programme for retrofit or replacement of air-conditioning equipment to technologies with low global warming potential refrigerants; and that, if Kyrgyzstan 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 II, second tranche)	UNEP	0.2	\$155,800	\$20,254	\$176,054	
<i>Approved on the understanding that end-users would provide co-financing to participate in the incentive programme for retrofit or replacement of air-conditioning equipment to technologies with low global warming potential refrigerants; and that, if Kyrgyzstan 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 IX: 1/2019-12/2020)	UNEP		\$148,262	\$0	\$148,262	
Total for Kyrgyzstan		0.7	\$479,062	\$32,504	\$511,566	
LAO, PDR						
SEVERAL						
Ozone unit support						
Renewal of the institutional strengthening project (phase IX: 12/2018-11/2020)	UNEP		\$85,000	\$0	\$85,000	
Total for Lao, PDR			\$85,000		\$85,000	

* HCFC in ODP tonnes. HFC in metric tonnes

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Project Title	Agency	ODP/Metric (tonnes)*	Funds approved (US\$)		C.E. (US\$/kg)
			Project	Support	
LEBANON					
PHASE-OUT PLAN					
HCFC phase out plan					
HCFC phase-out management plan (stage II, second tranche) (refrigeration servicing and project management and coordination)	UNDP	1.9	\$273,000	\$19,110	\$292,110
<i>Noted that the enterprise Iceberg SARL in the refrigeration and air-conditioning sector for which conversion had been approved on the basis of an alternative with a low-GWP was temporarily using HFC-365mfc owing to lack of availability of HFOs; and that the remaining four refrigeration and air-conditioning manufacturing enterprises under current conversion would possibly temporarily use HFC-365mfc owing to lack of availability of HFOs. UNDP was requested to continue assisting the Government, during the implementation of the HPMP, in securing the supply of HFOs for Iceberg SARL and other enterprises under the HPMP, on the understanding that any IOCs would not be paid until the original alternative technology selected or another technology with a lower-GWP had been fully introduced; to report to the Executive Committee on the status of use of the interim technology selected by Iceberg SARL at each meeting until the original technology selected or another technology with a lower-GWP had been fully introduced, also providing 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; to report to the 82nd meeting the status of implementation of the conversion at the remaining enterprises Frigo Liban, UNIC, CGI Halawany and Industrial and Commercial Refrigerators, on the understanding that the remaining funds from the conversion of the enterprises would be returned to the Multilateral Fund after the total conversion of the sector had been fully addressed, and that all expenditures would be recorded.</i>					

* HCFC in ODP tonnes. HFC in metric tonnes

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Project Title	Agency	ODP/Metric (tonnes)*	Funds approved (US\$)			C.E. (US\$/kg)
			Project	Support	Total	
HCFC phase-out management plan (stage II, second tranche) (air-conditioning sector)	UNDP	2.5	\$270,000	\$18,900	\$288,900	
<i>Noted that the enterprise Iceberg SARL in the refrigeration and air-conditioning sector for which conversion had been approved on the basis of an alternative with a low-GWP was temporarily using HFC-365mfc owing to lack of availability of HFOs; and that the remaining four refrigeration and air-conditioning manufacturing enterprises under current conversion would possibly temporarily use HFC-365mfc owing to lack of availability of HFOs. UNDP was requested to continue assisting the Government, during the implementation of the HPMP, in securing the supply of HFOs for Iceberg SARL and other enterprises under the HPMP, on the understanding that any IOC's would not be paid until the original alternative technology selected or another technology with a lower-GWP had been fully introduced; to report to the Executive Committee on the status of use of the interim technology selected by Iceberg SARL at each meeting until the original technology selected or another technology with a lower-GWP had been fully introduced, also providing 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; to report to the 82nd meeting the status of implementation of the conversion at the remaining enterprises Frigo Liban, UNIC, CGI Halawany and Industrial and Commercial Refrigerators, on the understanding that the remaining funds from the conversion of the enterprises would be returned to the Multilateral Fund after the total conversion of the sector had been fully addressed, and that all expenditures would be recorded.</i>						
HCFC phase-out management plan (stage II, second tranche) (foam sector)	UNDP	9.8	\$571,000	\$39,970	\$610,970	
<i>Noted that the enterprise Iceberg SARL in the refrigeration and air-conditioning sector for which conversion had been approved on the basis of an alternative with a low-GWP was temporarily using HFC-365mfc owing to lack of availability of HFOs; and that the remaining four refrigeration and air-conditioning manufacturing enterprises under current conversion would possibly temporarily use HFC-365mfc owing to lack of availability of HFOs. UNDP was requested to continue assisting the Government, during the implementation of the HPMP, in securing the supply of HFOs for Iceberg SARL and other enterprises under the HPMP, on the understanding that any IOC's would not be paid until the original alternative technology selected or another technology with a lower-GWP had been fully introduced; to report to the Executive Committee on the status of use of the interim technology selected by Iceberg SARL at each meeting until the original technology selected or another technology with a lower-GWP had been fully introduced, also providing 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; to report to the 82nd meeting the status of implementation of the conversion at the remaining enterprises Frigo Liban, UNIC, CGI Halawany and Industrial and Commercial Refrigerators, on the understanding that the remaining funds from the conversion of the enterprises would be returned to the Multilateral Fund after the total conversion of the sector had been fully addressed, and that all expenditures would be recorded.</i>						
Total for Lebanon		14.1	\$1,114,000	\$77,980	\$1,191,980	

* HCFC in ODP tonnes. HFC in metric tonnes

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Project Title	Agency	ODP/Metric (tonnes)*	Funds approved (US\$)		C.E. (US\$/kg)
			Project	Support	Total
LESOTHO					
PHASE-OUT PLAN					
HCFC phase out plan					
Preparation of a HCFC phase-out management plan (stage II)	Germany		\$30,000	\$3,900	\$33,900
Total for Lesotho			\$30,000	\$3,900	\$33,900
LIBYA					
SEVERAL					
Ozone unit support					
Renewal of institutional strengthening project (Phase V: 7/2018-6/2020)	UNIDO		\$174,164	\$12,191	\$186,355
Total for Libya			\$174,164	\$12,191	\$186,355
MADAGASCAR					
PHASE-OUT PLAN					
HCFC phase out plan					
HCFC phase-out management plan (stage I, fourth tranche)	UNEP	2.3	\$44,000	\$5,720	\$49,720
<i>Approved on the understanding that Madagascar has consumption in the servicing sector only; and that the financial incentive scheme would enhance the sustainability of the training of servicing technicians, and that end-users would provide co financing to participate in the scheme.</i>					
Total for Madagascar			2.3	\$44,000	\$5,720
MALAWI					
PHASE-OUT PLAN					
HCFC phase out plan					
HCFC phase-out management plan (stage I, fourth tranche)	UNEP	1.8	\$40,000	\$5,200	\$45,200
<i>Approved on the understanding that if 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>					
Preparation of a HCFC phase-out management plan (stage II)	UNIDO		\$15,000	\$1,050	\$16,050
Preparation of a HCFC phase-out management plan (stage II)	UNEP		\$25,000	\$3,250	\$28,250
Total for Malawi			1.8	\$80,000	\$9,500

* HCFC in ODP tonnes. HFC in metric tonnes

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Project Title	Agency	ODP/Metric (tonnes)*	Funds approved (US\$)			C.E. (US\$/kg)
			Project	Support	Total	
MALDIVES						
SEVERAL						
Ozone unit support						
Extension of the institutional strengthening project (phase X: 12/2018-11/2020)	UNEP		\$85,000	\$0	\$85,000	
Total for Maldives			\$85,000		\$85,000	
MALI						
SEVERAL						
Ozone unit support						
Extension of the institutional strengthening project (phase IX: 7/2018-6/2020)	UNEP		\$85,000	\$0	\$85,000	
Total for Mali			\$85,000		\$85,000	
MAURITANIA						
SEVERAL						
Ozone unit support						
Renewal of the institutional strengthening project (phase VI: 6/2018-5/2020)	UNEP		\$85,000	\$0	\$85,000	
Total for Mauritania			\$85,000		\$85,000	
MEXICO						
REFRIGERATION						
Domestic						
Conversion of domestic refrigeration manufacturing facility from HFC-134a to isobutane as a refrigerant and conversion of compressors manufacturing facility from HFC-134a-based to isobutane-based at Mabe Mexico	UNDP	129.4	\$2,115,012	\$148,051	\$2,263,063	
<i>Approved on the understanding that no further funding would be available until the instrument of ratification by the Government had been received by the depositary at the Headquarters of the United Nations in New York; that 198mt (283,140mt CO2-eq) of HFC-134a would be deducted from the starting point for sustained aggregate reduction of HFCs once the starting point had been established; that the project would be completed within 24 months of the transfer of funds to UNDP and the Government of Canada a comprehensive completion report would be submitted within six months of the project completion with detailed information on the eligible ICCs for all equipment and other components including those not funded under the project, IOCs; any possible savings incurred during the conversion and relevant factors that facilitated implementation (e.g. whether any purchased and/or installed equipment or supplies had gone through a competitive quote/bidding process and the details thereof), changes in the energy efficiency of the products being manufactured and any related policies undertaken by the Government and information on the implementation of the servicing component where applicable; and that any remaining funds would be returned to the Multilateral Fund no later than one year after the date of project completion.</i>						

* HCFC in ODP tonnes. HFC in metric tonnes

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Project Title	Agency	ODP/Metric (tonnes)*	Funds approved (US\$)		C.E. (US\$/kg)
			Project	Support	
Conversion of domestic refrigeration manufacturing facility from HFC-134a to isobutane as a refrigerant and conversion of compressors manufacturing facility from HFC-134a-based to isobutane-based at Mabe Mexico	Canada	68.7	\$584,988	\$74,349	\$659,337
<i>Approved on the understanding that no further funding would be available until the instrument of ratification by the Government had been received by the depositary at the Headquarters of the United Nations in New York; that 198mt (283,140mt CO2-eq) of HFC-134a would be deducted from the starting point for sustained aggregate reduction of HFCs once the starting point had been established; that the project would be completed within 24 months of the transfer of funds to UNDP and the Government of Canada a comprehensive completion report would be submitted within six months of the project completion with detailed information on the eligible ICCs for all equipment and other components including those not funded under the project, IOCs; any possible savings incurred during the conversion and relevant factors that facilitated implementation (e.g. whether any purchased and/or installed equipment or supplies had gone through a competitive quote/bidding process and the details thereof), changes in the energy efficiency of the products being manufactured and any related policies undertaken by the Government and information on the implementation of the servicing component where applicable; and that any remaining funds would be returned to the Multilateral Fund no later than one year after the date of project completion.</i>					
PHASE-OUT PLAN					
HCFC phase out plan					
HCFC phase-out management plan (stage II, third tranche) (refrigeration servicing sector)	UNIDO	33.2	\$2,139,719	\$149,780	\$2,289,499
<i>Noted that one enterprise in the aerosol sector, conversion of which was approved on the basis of the use of an alternative with low GWP, is temporarily using approximately two metric tonnes of HFC-365mfc and HFC-227ea in one cleaning application, owing to corrosiveness issues. UNIDO was requested to continue assisting the Government in identifying a low GWP alternative for the application mentioned above during the implementation of the HPMP; and to report to the Executive Committee on the status of use of the interim technology at each meeting, until the technology originally selected or another technology with a low-GWP has been fully introduced.</i>					
HCFC phase-out management plan (stage II, third tranche) (refrigeration servicing sector)	Spain	13.1	\$1,070,000	\$122,731	\$1,192,731
<i>Noted that one enterprise in the aerosol sector, conversion of which was approved on the basis of the use of an alternative with low GWP, is temporarily using approximately two metric tonnes of HFC-365mfc and HFC-227ea in one cleaning application, owing to corrosiveness issues. UNIDO was requested to continue assisting the Government in identifying a low GWP alternative for the application mentioned above during the implementation of the HPMP; and to report to the Executive Committee on the status of use of the interim technology at each meeting, until the technology originally selected or another technology with a low-GWP has been fully introduced.</i>					
Total for Mexico		244.3	\$5,909,719	\$494,911	\$6,404,630

* HCFC in ODP tonnes. HFC in metric tonnes

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Project Title	Agency	ODP/Metric (tonnes)*	Funds approved (US\$)			C.E. (US\$/kg)
			Project	Support	Total	
NEPAL						
SEVERAL						
Ozone unit support						
Extension of the institutional strengthening project (phase X: 11/2018-10/2020)	UNEP		\$85,000	\$0	\$85,000	
Total for Nepal			\$85,000		\$85,000	
NICARAGUA						
PHASE-OUT PLAN						
HCFC phase out plan						
HCFC phase-out management plan (stage I, third tranche)	UNIDO	1.4	\$50,000	\$4,500	\$54,500	
HCFC phase-out management plan (stage I, third tranche)	UNEP	0.6	\$30,000	\$3,900	\$33,900	
SEVERAL						
Ozone unit support						
Renewal of institutional strengthening project (phase IX: 7/2018-6/2020)	UNEP		\$85,000	\$0	\$85,000	
Total for Nicaragua		2.0	\$165,000	\$8,400	\$173,400	
NIGERIA						
PHASE-OUT PLAN						
HCFC phase out plan						
HCFC phase-out management plan (stage II, first tranche) (polyurethane foam sector)	Italy	4.8	\$199,113	\$25,858	\$224,971	
Approved in accordance with the Agreement between the Government and the Executive Committee for the period 2018 to 2023 to reduce HCFC consumption by 35 per cent of the baseline in 2020 and by 51.35 per cent by 2023. Noted the commitment of the Government to reduce HCFC consumption by 35 per cent of the country's baseline by 2020 and by 51.35 per cent by 2023; to ban, by 1 January 2020, the import of all HCFCs and HCFC-blend refrigerants except for HCFC-141b and HCFC-22; to ban, by 1 January 2023, the import and use of HCFC-141b, including that contained in imported pre-blended polyols, pursuant to decision 61/47(c)(iv); and that approval of stage II of the HPMP did not preclude Nigeria from submitting, not earlier than 2020, stage III of the HPMP. UNDP, UNIDO and the Government of Italy were requested to deduct 140.26 ODP tonnes of HCFCs from the remaining HCFC consumption eligible for funding.						

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Project Title	Agency	ODP/Metric (tonnes)*	Funds approved (US\$)			C.E. (US\$/kg)
			Project	Support	Total	
HCFC phase-out management plan (stage II, first tranche) (project management and coordination) <i>Approved in accordance with the Agreement between the Government and the Executive Committee for the period 2018 to 2023 to reduce HCFC consumption by 35 per cent of the baseline in 2020 and by 51.35 per cent by 2023. Noted the commitment of the Government to reduce HCFC consumption by 35 per cent of the country's baseline by 2020 and by 51.35 per cent by 2023; to ban, by 1 January 2020, the import of all HCFCs and HCFC-blend refrigerants except for HCFC-141b and HCFC-22; to ban, by 1 January 2023, the import and use of HCFC-141b, including that contained in imported pre-blended polyols, pursuant to decision 61/47(c)(iv); and that approval of stage II of the HPMP did not preclude Nigeria from submitting, not earlier than 2020, stage III of the HPMP. UNDP, UNIDO and the Government of Italy were requested to deduct 140.26 ODP tonnes of HCFCs from the remaining HCFC consumption eligible for funding.</i>	UNDP		\$165,000	\$11,550	\$176,550	
HCFC phase-out management plan (stage II, first tranche) (polyurethane foam sector and project management unit) <i>Approved in accordance with the Agreement between the Government and the Executive Committee for the period 2018 to 2023 to reduce HCFC consumption by 35 per cent of the baseline in 2020 and by 51.35 per cent by 2023. Noted the commitment of the Government to reduce HCFC consumption by 35 per cent of the country's baseline by 2020 and by 51.35 per cent by 2023; to ban, by 1 January 2020, the import of all HCFCs and HCFC-blend refrigerants except for HCFC-141b and HCFC-22; to ban, by 1 January 2023, the import and use of HCFC-141b, including that contained in imported pre-blended polyols, pursuant to decision 61/47(c)(iv); and that approval of stage II of the HPMP did not preclude Nigeria from submitting, not earlier than 2020, stage III of the HPMP. UNDP, UNIDO and the Government of Italy were requested to deduct 140.26 ODP tonnes of HCFCs from the remaining HCFC consumption eligible for funding.</i>	UNIDO	3.4	\$176,837	\$15,915	\$192,752	
HCFC phase-out management plan (stage II, first tranche) (refrigeration servicing sector) <i>Approved in accordance with the Agreement between the Government and the Executive Committee for the period 2018 to 2023 to reduce HCFC consumption by 35 per cent of the baseline in 2020 and by 51.35 per cent by 2023. Noted the commitment of the Government to reduce HCFC consumption by 35 per cent of the country's baseline by 2020 and by 51.35 per cent by 2023; to ban, by 1 January 2020, the import of all HCFCs and HCFC-blend refrigerants except for HCFC-141b and HCFC-22; to ban, by 1 January 2023, the import and use of HCFC-141b, including that contained in imported pre-blended polyols, pursuant to decision 61/47(c)(iv); and that approval of stage II of the HPMP did not preclude Nigeria from submitting, not earlier than 2020, stage III of the HPMP. UNDP, UNIDO and the Government of Italy were requested to deduct 140.26 ODP tonnes of HCFCs from the remaining HCFC consumption eligible for funding.</i>	Italy	0.2	\$69,912	\$9,079	\$78,991	

List of projects and activities approved for funding

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Project Title	Agency	ODP/Metric (tonnes)*	Funds approved (US\$)			C.E. (US\$/kg)
			Project	Support	Total	
HCFC phase-out management plan (stage II, first tranche) (polyurethane foam sector)	UNDP	32.4	\$1,357,887	\$95,052	\$1,452,939	4.62
<i>Approved in accordance with the Agreement between the Government and the Executive Committee for the period 2018 to 2023 to reduce HCFC consumption by 35 per cent of the baseline in 2020 and by 51.35 per cent by 2023. Noted the commitment of the Government to reduce HCFC consumption by 35 per cent of the country's baseline by 2020 and by 51.35 per cent by 2023; to ban, by 1 January 2020, the import of all HCFCs and HCFC-blend refrigerants except for HCFC-141b and HCFC-22; to ban, by 1 January 2023, the import and use of HCFC-141b, including that contained in imported pre-blended polyols, pursuant to decision 61/47(c)(iv); and that approval of stage II of the HPMP did not preclude Nigeria from submitting, not earlier than 2020, stage III of the HPMP. UNDP, UNIDO and the Government of Italy were requested to deduct 140.26 ODP tonnes of HCFCs from the remaining HCFC consumption eligible for funding.</i>						
HCFC phase-out management plan (stage II, first tranche) (refrigeration servicing sector)	UNDP	12.4	\$1,077,113	\$75,398	\$1,152,511	4.80
<i>Approved in accordance with the Agreement between the Government and the Executive Committee for the period 2018 to 2023 to reduce HCFC consumption by 35 per cent of the baseline in 2020 and by 51.35 per cent by 2023. Noted the commitment of the Government to reduce HCFC consumption by 35 per cent of the country's baseline by 2020 and by 51.35 per cent by 2023; to ban, by 1 January 2020, the import of all HCFCs and HCFC-blend refrigerants except for HCFC-141b and HCFC-22; to ban, by 1 January 2023, the import and use of HCFC-141b, including that contained in imported pre-blended polyols, pursuant to decision 61/47(c)(iv); and that approval of stage II of the HPMP did not preclude Nigeria from submitting, not earlier than 2020, stage III of the HPMP. UNDP, UNIDO and the Government of Italy were requested to deduct 140.26 ODP tonnes of HCFCs from the remaining HCFC consumption eligible for funding.</i>						
Total for Nigeria		53.0	\$3,045,862	\$232,852	\$3,278,714	
OMAN						
SEVERAL						
Technical assistance/support						
Enabling activities for HFC phase-down	UNEP		\$150,000	\$10,500	\$160,500	
Total for Oman			\$150,000	\$10,500	\$160,500	
PAKISTAN						
SEVERAL						
Technical assistance/support						
Enabling activities for HFC phase-down	UNEP		\$250,000	\$17,500	\$267,500	
Total for Pakistan			\$250,000	\$17,500	\$267,500	

* HCFC in ODP tonnes. HFC in metric tonnes

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Project Title	Agency	ODP/Metric (tonnes)*	Funds approved (US\$)		C.E. (US\$/kg)
			Project	Support	Total
PANAMA					
SEVERAL					
Technical assistance/support					
Enabling activities for HFC phase-down	UNDP		\$100,000	\$7,000	\$107,000
Enabling activities for HFC phase-down	Canada		\$50,000	\$3,500	\$53,500
Total for Panama			\$150,000	\$10,500	\$160,500
RWANDA					
PHASE-OUT PLAN					
HCFC phase out plan					
Preparation of a HCFC phase-out management plan (stage II)	UNEP		\$22,000	\$2,860	\$24,860
Preparation of a HCFC phase-out management plan (stage II)	UNIDO		\$8,000	\$560	\$8,560
Total for Rwanda			\$30,000	\$3,420	\$33,420
SAINT KITTS AND NEVIS					
SEVERAL					
Ozone unit support					
Extension of institutional strengthening project (phase VII: 6/2018-5/2020)	UNEP		\$85,000	\$0	\$85,000
Total for Saint Kitts and Nevis			\$85,000		\$85,000
SAO TOME AND PRINCIPE					
PHASE-OUT PLAN					
HCFC phase out plan					
HCFC phase-out management plan (stage I, fourth tranche)	UNEP	0.1	\$30,000	\$3,900	\$33,900
Preparation of a HCFC phase-out management plan (stage II)	UNEP		\$30,000	\$3,900	\$33,900
Total for Sao Tome and Principe		0.1	\$60,000	\$7,800	\$67,800
SAUDI ARABIA					
SEVERAL					
Technical assistance/support					
Enabling activities for HFC phase-down	UNEP		\$250,000	\$17,500	\$267,500
Total for Saudi Arabia			\$250,000	\$17,500	\$267,500

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Project Title	Agency	ODP/Metric (tonnes)*	Funds approved (US\$)		C.E. (US\$/kg)
			Project	Support	
SEYCHELLES					
SEVERAL					
Ozone unit support					
Extension of institutional strengthening project (phase VIII: 6/2018-5/2020)	UNEP		\$85,000	\$0	\$85,000
Total for Seychelles			\$85,000		\$85,000
SUDAN					
SEVERAL					
Ozone unit support					
Extension of institutional strengthening (phase IX: 7/2018-6/2020)	UNEP		\$186,701	\$0	\$186,701
Total for Sudan			\$186,701		\$186,701
SURINAME					
PHASE-OUT PLAN					
HCFC phase out plan					
HCFC phase-out management plan (stage I, third tranche)	UNIDO		\$29,000	\$2,610	\$31,610
<i>UNEP was requested to provide an update at the 83rd meeting on the steps taken by the Government of Suriname to strengthen the HCFC licensing and monitoring system, addressing the issues identified in the review of the HCFC verification report by the Secretariat. Approved on the understanding that funding under the last tranche of stage I of the HPMP for Suriname would be considered only after the Government has addressed all the issues identified in the verification report and implemented relevant actions that had strengthened import/export licensing and quota systems; and if Suriname 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)	UNEP	0.3	\$35,000	\$4,550	\$39,550
<i>UNEP was requested to provide an update at the 83rd meeting on the steps taken by the Government of Suriname to strengthen the HCFC licensing and monitoring system, addressing the issues identified in the review of the HCFC verification report by the Secretariat. Approved on the understanding that funding under the last tranche of stage I of the HPMP for Suriname would be considered only after the Government has addressed all the issues identified in the verification report and implemented relevant actions that had strengthened import/export licensing and quota systems; and if Suriname 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 Suriname		0.3	\$64,000	\$7,160	\$71,160

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Project Title	Agency	ODP/Metric (tonnes)*	Funds approved (US\$)		C.E. (US\$/kg)
			Project	Support	Total
TRINIDAD AND TOBAGO					
PHASE-OUT PLAN					
HCFC phase out plan					
HCFC phase-out management plan (stage I, fourth tranche)	UNDP	11.2	\$145,000	\$10,875	\$155,875
<i>UNDP was requested to provide, to the 82nd meeting, a status report on the use of methyl formate and the alternative blowing agent being used, under stage I of the HPMP, in the enterprise being assisted by the Multilateral Fund.</i>					
Total for Trinidad and Tobago		11.2	\$145,000	\$10,875	\$155,875
ZAMBIA					
PHASE-OUT PLAN					
HCFC phase out plan					
HCFC phase-out management plan (stage I, fourth tranche)	UNEP	0.6	\$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>					
Total for Zambia		0.6	\$30,000	\$3,900	\$33,900
REGION: ASP					
PHASE-OUT PLAN					
HCFC phase out plan					
Development of stage II of HCFC phase-out management plans for PIC countries through regional approach	UNEP		\$360,000	\$46,800	\$406,800
<i>Approved on the understanding that no further funding for project preparation would be made available for any Pacific Island country which submits a stage III of the HPMP after 2025.</i>					
Total for Region: ASP			\$360,000	\$46,800	\$406,800
GRAND TOTAL		1,497.4	\$69,070,487	\$4,860,111	\$73,930,598

Summary

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Sector	HCFC	HFC	Funds approved (US\$)		
	(ODP tonne)	(Metric tonne)	Project	Support	Total
BILATERAL COOPERATION					
Refrigeration		70.5	\$664,988	\$84,749	\$749,737
Phase-out plan	27.7		\$1,675,913	\$201,162	\$1,877,075
Several			\$250,000	\$17,500	\$267,500
TOTAL:			\$2,590,901	\$303,411	\$2,894,312
INVESTMENT PROJECT					
Production			\$23,000,000	\$1,288,000	\$24,288,000
Refrigeration		250.4	\$3,802,447	\$267,168	\$4,069,615
Phase-out plan	1,148.8		\$34,525,629	\$2,762,193	\$37,287,822
TOTAL:			\$61,328,076	\$4,317,361	\$65,645,437
WORK PROGRAMME AMENDMENT					
Phase-out plan			\$760,000	\$85,240	\$845,240
Several			\$4,391,510	\$154,099	\$4,545,609
TOTAL:			\$5,151,510	\$239,339	\$5,390,849
Summary by Parties and Implementing Agencies					
Canada		70.5		\$102,249	\$1,017,237
Germany	1.9			\$25,294	\$222,182
Italy	9.9			\$42,737	\$371,762
Japan	2.9			\$10,400	\$90,400
Spain	13.1			\$122,731	\$1,192,731
IBRD	12.8		\$24,276,549	\$1,377,358	\$25,653,907
UNDP		131.7	\$2,538,837	\$178,715	\$2,717,552
UNDP	144.9		\$9,984,223	\$819,729	\$10,803,952
UNEP			\$3,551,093	\$95,270	\$3,646,363
UNEP	113.0		\$4,250,312	\$502,035	\$4,752,347
UNIDO		118.7	\$2,104,027	\$147,282	\$2,251,309
UNIDO	878.1		\$19,774,545	\$1,436,311	\$21,210,856
GRAND TOTAL (HCFCs and HFCs)	1,497.4		\$69,070,487	\$4,860,111	\$73,930,598

Balances on projects returned at the 81st meeting

Agency	Project costs (US\$)	Support costs (US\$)	Total (US\$)
Canada (per decision 81/2(a)(vi))*	1,285	177	1,462
France (per decision 81/2(a)(vi))*	250,000	32,500	282,500
Japan (per decision 81/2(a)(vi))*	412,125	46,185	458,310
UNDP (per decision 81/2(a)(ii))	10,467	802	11,269
UNEP (per decision 81/2(a)(ii))	-52,867	-1,418	-54,285
UNIDO (per decision 81/2(a)(ii))	124,964	9,107	134,071
World Bank (per decision 81/49(a)(ii))	35,000	2,450	37,450
Total	780,974	89,803	870,777

*Cash transfer.

Interest accrued

Agency	Interest accrued (US \$)	Remarks
Canada (per decision 81/2(a)(viii))*	1,703	MEX/FUM/54/INV/138
Japan (per decision 81/2(a)(vii))*	3,914	PHI/FOA/62/INV/91

*Cash transfer.

Net allocations based on decisions of the 81st meeting

Agency	Project costs (US\$)	Support costs (US\$)	Total (US\$)
Canada*	909,988	101,974	1,011,962
Germany	196,888	25,294	222,182
Italy	329,025	42,737	371,762
Japan	80,000	10,400	90,400
Spain	1,070,000	122,731	1,192,731
UNDP	12,512,593	997,642	13,510,235
UNEP	7,854,272	598,723	8,452,995
UNIDO	21,753,608	1,574,486	23,328,094
World Bank	24,241,549	1,374,908	25,616,457
Total	68,947,923	4,848,895	73,796,818

*Offset US \$5,275 against approvals per decision 81/2(b)(v).

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Project Title	Agency	Metric (tonnes)	Funds approved (US\$)			C.E. (US\$/kg)
			Project	Support	Total	
AFGHANISTAN						
SEVERAL						
Technical assistance/support						
Enabling activities for HFC phase-down	UNEP		\$150,000	\$10,500	\$160,500	
Funded from the additional voluntary contributions of non-Article 5 countries.						
Total for Afghanistan			\$150,000	\$10,500	\$160,500	
ARGENTINA						
REFRIGERATION						
Domestic						
Conversion project for replacement of HFC-134a with isobutane (R 600a)/propane (R-290)-based refrigerant in the manufacture of domestic and commercial refrigeration equipment	UNIDO	96.6	\$1,840,755	\$128,853	\$1,969,608	
Funded from the additional voluntary contributions provided by a group of non-Article 5 countries for fast-start support for the implementation of the HFC phase-down. Approved on the understanding that no further funding would be available until the instrument of ratification by the Government had been received by the depositary at the Headquarters of the United Nations in New York; that 96.55mt (138,069mt CO2-eq) of HFC-134a would be deducted from the starting point for sustained aggregate reduction in HFCs once it has been established; that the project would be completed within 24 months of the transfer of funds to UNIDO and that a comprehensive completion report would be submitted within six months of the project completion, with detailed information on the eligible ICCs for all equipment and other components including those not funded under the project; IOCs; any possible savings incurred during the conversion and relevant factors that facilitated implementation (e.g. whether any purchased and/or installed equipment or supplies had gone through a competitive quote/bidding process and the details thereof); changes in the energy efficiency of the products being manufactured and any related policies undertaken by the Government, and information on the implementation of the servicing component where applicable; and that any remaining funds would be returned to the Multilateral Fund no later than one year after the date of project completion.						
SEVERAL						
Technical assistance/support						
Enabling activities for HFC phase-down	UNIDO		\$250,000	\$17,500	\$267,500	
Funded from the additional voluntary contributions of non-Article 5 countries.						
Total for Argentina			96.6	\$2,090,755	\$146,353	\$2,237,108

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Project Title	Agency	Metric (tonnes)	Funds approved (US\$)		C.E. (US\$/kg)
			Project	Support	Total
BENIN					
SEVERAL					
Technical assistance/support					
Enabling activities for HFC phase-down	UNEP		\$150,000	\$10,500	\$160,500
<i>Funded from the additional voluntary contributions of non-Article 5 countries.</i>					
	Total for Benin		\$150,000	\$10,500	\$160,500
BOTSWANA					
SEVERAL					
Technical assistance/support					
Enabling activities for HFC phase-down	UNEP		\$150,000	\$10,500	\$160,500
<i>Funded from the additional voluntary contributions of non-Article 5 countries.</i>					
	Total for Botswana		\$150,000	\$10,500	\$160,500
CHAD					
SEVERAL					
Technical assistance/support					
Enabling activities for HFC phase-down	UNEP		\$150,000	\$10,500	\$160,500
<i>Funded from the additional voluntary contributions of non-Article 5 countries.</i>					
	Total for Chad		\$150,000	\$10,500	\$160,500
CHINA					
FOAM					
Preparation of project proposal					
Preparation for converting from HFC-134a to HFOs+CO2 with gluing technology in an extruded polystyrene foam manufacturer	UNIDO		\$30,000	\$2,100	\$32,100
<i>Funded from the additional voluntary contributions of non-Article 5 countries. 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>					
	Total for China		\$30,000	\$2,100	\$32,100
COMOROS					
SEVERAL					
Technical assistance/support					
Enabling activities for HFC phase-down	UNEP		\$50,000	\$3,500	\$53,500
<i>Funded from the additional voluntary contributions of non-Article 5 countries.</i>					
	Total for Comoros		\$50,000	\$3,500	\$53,500

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Project Title	Agency	Metric (tonnes)	Funds approved (US\$)		C.E. (US\$/kg)
			Project	Support	Total
CONGO, DR					
SEVERAL					
Technical assistance/support					
Enabling activities for HFC phase-down	UNEP		\$150,000	\$10,500	\$160,500
Funded from the additional voluntary contributions of non-Article 5 countries.					
Total for Congo, DR			\$150,000	\$10,500	\$160,500
COTE D'IVOIRE					
SEVERAL					
Technical assistance/support					
Enabling activities for HFC phase-down	UNEP		\$150,000	\$10,500	\$160,500
Funded from the additional voluntary contributions of non-Article 5 countries.					
Total for Cote D'Ivoire			\$150,000	\$10,500	\$160,500
DJIBOUTI					
SEVERAL					
Technical assistance/support					
Enabling activities for HFC phase-down	UNEP		\$50,000	\$3,500	\$53,500
Funded from the additional voluntary contributions of non-Article 5 countries.					
Total for Djibouti			\$50,000	\$3,500	\$53,500
EGYPT					
SEVERAL					
Technical assistance/support					
Enabling activities for HFC phase-down	UNIDO		\$105,000	\$7,350	\$112,350
Funded from the additional voluntary contributions of non-Article 5 countries.					
Enabling activities for HFC phase-down	UNEP		\$145,000	\$10,150	\$155,150
Funded from the additional voluntary contributions of non-Article 5 countries.					
Total for Egypt			\$250,000	\$17,500	\$267,500
EQUATORIAL GUINEA					
SEVERAL					
Technical assistance/support					
Enabling activities for HFC phase-down	UNEP		\$150,000	\$10,500	\$160,500
Funded from the additional voluntary contributions of non-Article 5 countries.					
Total for Equatorial Guinea			\$150,000	\$10,500	\$160,500

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Project Title	Agency	Metric (tonnes)	Funds approved (US\$)		C.E. (US\$/kg)
			Project	Support	Total
ETHIOPIA					
SEVERAL					
Technical assistance/support					
Enabling activities for HFC phase-down	UNEP		\$95,000	\$6,650	\$101,650
Funded from the additional voluntary contributions of non-Article 5 countries.					
Total for Ethiopia			\$95,000	\$6,650	\$101,650
GEORGIA					
SEVERAL					
Technical assistance/support					
Enabling activities for HFC phase-down	UNEP		\$95,000	\$6,650	\$101,650
Funded from the additional voluntary contributions of non-Article 5 countries.					
Total for Georgia			\$95,000	\$6,650	\$101,650
GRENADA					
SEVERAL					
Technical assistance/support					
Enabling activities for HFC phase-down	UNIDO		\$50,000	\$3,500	\$53,500
Funded from the additional voluntary contributions of non-Article 5 countries.					
Total for Grenada			\$50,000	\$3,500	\$53,500
GUINEA-BISSAU					
SEVERAL					
Technical assistance/support					
Enabling activities for HFC phase-down	UNEP		\$95,000	\$6,650	\$101,650
Funded from the additional voluntary contributions of non-Article 5 countries.					
Total for Guinea-Bissau			\$95,000	\$6,650	\$101,650
GUYANA					
SEVERAL					
Technical assistance/support					
Enabling activities for HFC phase-down	UNEP		\$95,000	\$6,650	\$101,650
Funded from the additional voluntary contributions of non-Article 5 countries.					
Total for Guyana			\$95,000	\$6,650	\$101,650

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Project Title	Agency	Metric (tonnes)	Funds approved (US\$)		C.E. (US\$/kg)
			Project	Support	Total
HONDURAS					
SEVERAL					
Technical assistance/support					
Enabling activities for HFC phase-down	UNEP		\$150,000	\$10,500	\$160,500
Funded from the additional voluntary contributions of non-Article 5 countries.					
Total for Honduras			\$150,000	\$10,500	\$160,500
INDONESIA					
SEVERAL					
Technical assistance/support					
Enabling activities for HFC phase-down	IBRD		\$250,000	\$17,500	\$267,500
Funded from the additional voluntary contributions of non-Article 5 countries.					
Total for Indonesia			\$250,000	\$17,500	\$267,500
KENYA					
SEVERAL					
Technical assistance/support					
Enabling activities for HFC phase-down	UNEP		\$150,000	\$10,500	\$160,500
Funded from the additional voluntary contributions of non-Article 5 countries.					
Total for Kenya			\$150,000	\$10,500	\$160,500
KIRIBATI					
SEVERAL					
Technical assistance/support					
Enabling activities for HFC phase-down	UNEP		\$50,000	\$3,500	\$53,500
Funded from the additional voluntary contributions of non-Article 5 countries.					
Total for Kiribati			\$50,000	\$3,500	\$53,500
LAO, PDR					
SEVERAL					
Technical assistance/support					
Enabling activities for HFC phase-down	UNEP		\$95,000	\$6,650	\$101,650
Funded from the additional voluntary contributions of non-Article 5 countries.					
Total for Lao, PDR			\$95,000	\$6,650	\$101,650

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Project Title	Agency	Metric (tonnes)	Funds approved (US\$)		C.E. (US\$/kg)
			Project	Support	
LEBANON					
REFRIGERATION					
Domestic					
Conversion from HFC-134a and HFC-404A to R-600a and R-290 in domestic refrigeration at Lematic Industries	UNIDO	112.5	\$1,053,858	\$73,770	\$1,127,628
<i>Funded from the additional voluntary contributions provided by a group of non-Article 5 countries for fast start support for the implementation of the HFC phase-down. Approved on the understanding that no further funding would be available until the instrument of ratification by the Government had been received by the depositary at the Headquarters of the United Nations in New York; that 78.46mt (112,198mt CO2-eq) of HFC-134a and 34.08mt (133,662mt CO2-eq) of R-404A would be deducted from the starting point for sustained aggregate reduction in HFCs once it has been established; that the project would be completed within 24 months of the transfer of funds to UNIDO and that a comprehensive completion report would be submitted within six months of the project completion with detailed information on the eligible ICCs for all equipment and other components including those not funded under the project, IOCs, any possible savings incurred during the conversion and relevant factors that facilitated implementation (e.g. whether any purchased and/or installed equipment or supplies had gone through a competitive quote/bidding process and the details thereof), changes in the energy efficiency of the products being manufactured and any related policies undertaken by the Government and information on the implementation of the servicing component where applicable; that any remaining funds would be returned to the Multilateral Fund no later than one year after the date of project completion; and that the Government was committed to banning the production of domestic refrigerators using HFC-134a and R-404A-based commercial refrigerators by 1 January 2021, the year after completion of the conversion project.</i>					
Total for Lebanon		112.5	\$1,053,858	\$73,770	\$1,127,628
LIBYA					
SEVERAL					
Technical assistance/support					
Enabling activities for HFC phase-down	UNIDO		\$150,000	\$10,500	\$160,500
<i>Funded from the additional voluntary contributions of non-Article 5 countries.</i>					
Total for Libya			\$150,000	\$10,500	\$160,500
MADAGASCAR					
SEVERAL					
Technical assistance/support					
Enabling activities for HFC phase-down	UNEP		\$150,000	\$10,500	\$160,500
<i>Funded from the additional voluntary contributions of non-Article 5 countries.</i>					
Total for Madagascar			\$150,000	\$10,500	\$160,500

List of HFC projects and activities approved for funding

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Project Title	Agency	Metric (tonnes)	Funds approved (US\$)		C.E. (US\$/kg)
			Project	Support	Total
MALAWI					
SEVERAL					
Technical assistance/support					
Enabling activities for HFC phase-down	UNEP		\$150,000	\$10,500	\$160,500
Funded from the additional voluntary contributions of non-Article 5 countries.					
Total for Malawi			\$150,000	\$10,500	\$160,500
MALI					
SEVERAL					
Technical assistance/support					
Enabling activities for HFC phase-down	UNEP		\$150,000	\$10,500	\$160,500
Funded from the additional voluntary contributions of non-Article 5 countries.					
Total for Mali			\$150,000	\$10,500	\$160,500
MARSHALL ISLANDS					
SEVERAL					
Technical assistance/support					
Enabling activities for HFC phase-down	UNEP		\$50,000	\$3,500	\$53,500
Funded from the additional voluntary contributions of non-Article 5 countries.					
Total for Marshall Islands			\$50,000	\$3,500	\$53,500
MAURITANIA					
SEVERAL					
Technical assistance/support					
Enabling activities for HFC phase-down	UNEP		\$150,000	\$10,500	\$160,500
Funded from the additional voluntary contributions of non-Article 5 countries.					
Total for Mauritania			\$150,000	\$10,500	\$160,500

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Project Title	Agency	Metric (tonnes)	Funds approved (US\$)			C.E. (US\$/kg)
			Project	Support	Total	
MEXICO						
REFRIGERATION						
Commercial						
Conversion of commercial refrigeration manufacturing in two facilities from the use of HFC-134a and R-404A as the refrigerants to propane (R-290) and isobutane (R-600a) at Imbera	UNIDO	56.0	\$1,018,123	\$71,268	\$1,089,391	
<i>Funded from the additional voluntary contributions provided by a group of non-Article 5 countries for fast start support for the implementation of the HFC phase-down. Approved on the understanding that no further funding would be available until the instrument of ratification by the Government had been received by the depositary at the Headquarters of the United Nations in New York; that 70.96mt (101,470mt CO2-eq) of HFC-134a and 5.91mt (23,187mt CO2-eq) of R-404A would be deducted from the starting point for sustained aggregate reduction in HFCs once it had been established; that the project would be completed within 24 months of the transfer of funds to UNIDO and a comprehensive completion report would be submitted within six months of the project completion with detailed information on the eligible ICCs for all equipment and other components including those not funded under the project, IOCs, any possible savings incurred during the conversion and relevant factors that facilitated implementation (e.g. whether any purchased and/or installed equipment or supplies had gone through a competitive quote/bidding process and the details thereof), changes in the energy efficiency of the products being manufactured and any related policies undertaken by the Government and information on the implementation of the servicing component where applicable; and that any remaining funds would be returned to the Multilateral Fund no later than one year after the date of project completion.</i>						
Total for Mexico		56.0	\$1,018,123	\$71,268	\$1,089,391	
MICRONESIA						
SEVERAL						
Technical assistance/support						
Enabling activities for HFC phase-down	UNEP		\$50,000	\$3,500	\$53,500	
<i>Funded from the additional voluntary contributions of non-Article 5 countries.</i>						
Total for Micronesia			\$50,000	\$3,500	\$53,500	
MOROCCO						
SEVERAL						
Technical assistance/support						
Enabling activities for HFC phase-down	UNIDO		\$150,000	\$10,500	\$160,500	
<i>Funded from the additional voluntary contributions of non-Article 5 countries.</i>						
Total for Morocco			\$150,000	\$10,500	\$160,500	

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Project Title	Agency	Metric (tonnes)	Funds approved (US\$)		C.E. (US\$/kg)
			Project	Support	Total
MOZAMBIQUE					
SEVERAL					
Technical assistance/support					
Enabling activities for HFC phase-down	UNEP		\$150,000	\$10,500	\$160,500
Funded from the additional voluntary contributions of non-Article 5 countries.					
Total for Mozambique			\$150,000	\$10,500	\$160,500
MYANMAR					
SEVERAL					
Technical assistance/support					
Enabling activities for HFC phase-down	UNEP		\$95,000	\$6,650	\$101,650
Funded from the additional voluntary contributions of non-Article 5 countries.					
Total for Myanmar			\$95,000	\$6,650	\$101,650
NAURU					
SEVERAL					
Technical assistance/support					
Enabling activities for HFC phase-down	UNEP		\$50,000	\$3,500	\$53,500
Funded from the additional voluntary contributions of non-Article 5 countries.					
Total for Nauru			\$50,000	\$3,500	\$53,500
NEPAL					
SEVERAL					
Technical assistance/support					
Enabling activities for HFC phase-down	UNEP		\$95,000	\$6,650	\$101,650
Funded from the additional voluntary contributions of non-Article 5 countries.					
Total for Nepal			\$95,000	\$6,650	\$101,650
NICARAGUA					
SEVERAL					
Technical assistance/support					
Enabling activities for HFC phase-down	UNIDO		\$150,000	\$10,500	\$160,500
Funded from the additional voluntary contributions of non-Article 5 countries.					
Total for Nicaragua			\$150,000	\$10,500	\$160,500

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Project Title	Agency	Metric (tonnes)	Funds approved (US\$)		C.E. (US\$/kg)
			Project	Support	Total
NIGER					
SEVERAL					
Technical assistance/support					
Enabling activities for HFC phase-down	UNIDO		\$150,000	\$10,500	\$160,500
Funded from the additional voluntary contributions of non-Article 5 countries.					
Total for Niger			\$150,000	\$10,500	\$160,500
NIUE					
SEVERAL					
Technical assistance/support					
Enabling activities for HFC phase-down	UNEP		\$50,000	\$3,500	\$53,500
Funded from the additional voluntary contributions of non-Article 5 countries.					
Total for Niue			\$50,000	\$3,500	\$53,500
PARAGUAY					
SEVERAL					
Technical assistance/support					
Enabling activities for HFC phase-down	UNDP		\$75,000	\$5,250	\$80,250
Funded from the additional voluntary contributions of non-Article 5 countries.					
Enabling activities for HFC phase-down	UNEP		\$75,000	\$5,250	\$80,250
Funded from the additional voluntary contributions of non-Article 5 countries.					
Total for Paraguay			\$150,000	\$10,500	\$160,500
SAINT KITTS AND NEVIS					
SEVERAL					
Technical assistance/support					
Enabling activities for HFC phase-down	UNEP		\$50,000	\$3,500	\$53,500
Funded from the additional voluntary contributions of non-Article 5 countries.					
Total for Saint Kitts and Nevis			\$50,000	\$3,500	\$53,500
SAMOA					
SEVERAL					
Technical assistance/support					
Enabling activities for HFC phase-down	UNEP		\$50,000	\$3,500	\$53,500
Funded from the additional voluntary contributions of non-Article 5 countries.					
Total for Samoa			\$50,000	\$3,500	\$53,500

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Project Title	Agency	Metric (tonnes)	Funds approved (US\$)		C.E. (US\$/kg)
			Project	Support	Total
SAO TOME AND PRINCIPE					
SEVERAL					
Technical assistance/support					
Enabling activities for HFC phase-down	UNEP		\$95,000	\$6,650	\$101,650
Funded from the additional voluntary contributions of non-Article 5 countries.					
Total for Sao Tome and Principe			\$95,000	\$6,650	\$101,650
SIERRA LEONE					
SEVERAL					
Technical assistance/support					
Enabling activities for HFC phase-down	UNEP		\$95,000	\$6,650	\$101,650
Funded from the additional voluntary contributions of non-Article 5 countries.					
Total for Sierra Leone			\$95,000	\$6,650	\$101,650
SOLOMON ISLANDS					
SEVERAL					
Technical assistance/support					
Enabling activities for HFC phase-down	UNEP		\$95,000	\$6,650	\$101,650
Funded from the additional voluntary contributions of non-Article 5 countries.					
Total for Solomon Islands			\$95,000	\$6,650	\$101,650
SOUTH SUDAN					
SEVERAL					
Technical assistance/support					
Enabling activities for HFC phase-down	UNEP		\$95,000	\$6,650	\$101,650
Funded from the additional voluntary contributions of non-Article 5 countries.					
Total for South Sudan			\$95,000	\$6,650	\$101,650
SRI LANKA					
SEVERAL					
Technical assistance/support					
Enabling activities for HFC phase-down	UNEP		\$150,000	\$10,500	\$160,500
Funded from the additional voluntary contributions of non-Article 5 countries.					
Total for Sri Lanka			\$150,000	\$10,500	\$160,500

List of HFC projects and activities approved for funding

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Project Title	Agency	Metric (tonnes)	Funds approved (US\$)		C.E. (US\$/kg)
			Project	Support	Total
SWAZILAND					
SEVERAL					
Technical assistance/support					
Enabling activities for HFC phase-down	UNEP		\$95,000	\$6,650	\$101,650
Funded from the additional voluntary contributions of non-Article 5 countries.					
Total for Swaziland			\$95,000	\$6,650	\$101,650
TANZANIA					
SEVERAL					
Technical assistance/support					
Enabling activities for HFC phase-down	UNEP		\$95,000	\$6,650	\$101,650
Funded from the additional voluntary contributions of non-Article 5 countries.					
Total for Tanzania			\$95,000	\$6,650	\$101,650
TUVALU					
SEVERAL					
Technical assistance/support					
Enabling activities for HFC phase-down	UNEP		\$50,000	\$3,500	\$53,500
Funded from the additional voluntary contributions of non-Article 5 countries.					
Total for Tuvalu			\$50,000	\$3,500	\$53,500
UGANDA					
SEVERAL					
Technical assistance/support					
Enabling activities for HFC phase-down	UNEP		\$50,000	\$3,500	\$53,500
Funded from the additional voluntary contributions of non-Article 5 countries.					
Total for Uganda			\$50,000	\$3,500	\$53,500
VANUATU					
SEVERAL					
Technical assistance/support					
Enabling activities for HFC phase-down	UNEP		\$50,000	\$3,500	\$53,500
Funded from the additional voluntary contributions of non-Article 5 countries.					
Total for Vanuatu			\$50,000	\$3,500	\$53,500

List of HFC projects and activities approved for funding

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Project Title	Agency	Metric (tonnes)	Funds approved (US\$)			C.E. (US\$/kg)
			Project	Support	Total	
VENEZUELA						
SEVERAL						
Technical assistance/support						
Enabling activities for HFC phase-down	UNIDO		\$250,000	\$17,500	\$267,500	
<i>Funded from the additional voluntary contributions of non-Article 5 countries.</i>						
Total for Venezuela			\$250,000	\$17,500	\$267,500	
GRAND TOTAL		265.1	\$9,827,736	\$687,941	\$10,515,677	

Summary

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Sector	Tonnes (Metric)	Funds approved (US\$)		
		Project	Support	Total
INVESTMENT PROJECT				
Refrigeration	265.1	\$3,912,736	\$273,891	\$4,186,627
TOTAL:	265.1	\$3,912,736	\$273,891	\$4,186,627
WORK PROGRAMME AMENDMENT				
Foam		\$30,000	\$2,100	\$32,100
Several		\$5,885,000	\$411,950	\$6,296,950
TOTAL:		\$5,915,000	\$414,050	\$6,329,050
Summary by Parties and Implementing Agencies				
IBRD		\$250,000	\$17,500	\$267,500
UNDP		\$75,000	\$5,250	\$80,250
UNEP		\$4,305,000	\$301,350	\$4,606,350
UNIDO	265.1	\$5,197,736	\$363,841	\$5,561,577
GRAND TOTAL	265.1	\$9,827,736	\$687,941	\$10,515,677