

List of projects and activities approved for funding

UNEP/OzL.Pro/ExCom/76/66
Annex V

Project Title	Agency	ODP (tonnes)	Funds approved (US\$)		C.E. (US\$/kg)
Project			Support	Total	
ALBANIA					
SEVERAL					
Ozone unit support					
Renewal of institutional strengthening project (phase VII: 7/2016-6/2018)	UNEP		\$139,776	\$0	\$139,776
Total for Albania			\$139,776		\$139,776
ARGENTINA					
FOAM					
Preparation of project proposal					
Preparation for HCFC phase-out investment activities (stage II) (foam sector)	IBRD		\$137,500	\$9,625	\$147,125
<i>Noted that the approval was being granted on an exceptional basis in light of the limited time remaining to develop stage II of HPMP to enable Argentina to meet its 2020 compliance target, and was contingent on receipt by the Secretariat of an endorsement letter from the country stating how responsibilities for stage II of the HPMP had been assigned among the implementing agencies concerned; and reiterated that future funding requests to prepare stages of HPMPs for all countries should be submitted for the purpose of developing the entire stage and include all of the activities and bilateral and implementing agencies involved, in line with decision 71/42.</i>					
SEVERAL					
Ozone unit support					
Extension for institutional strengthening project (phase IX: 7/2016-6/2018)	UNDP		\$398,806	\$27,916	\$426,722
Total for Argentina			\$536,306	\$37,541	\$573,847
ARMENIA					
SEVERAL					
Ozone unit support					
Extension of institutional strengthening project (phase V: 4/2017-3/2019)	UNIDO		\$153,600	\$10,752	\$164,352
Total for Armenia			\$153,600	\$10,752	\$164,352
BAHRAIN					
SEVERAL					
Ozone unit support					
Extension of institutional strengthening project (phase VIII: 5/2016-4/2018)	UNEP		\$85,000	\$0	\$85,000
Total for Bahrain			\$85,000		\$85,000

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			Project	Support	Total
BELIZE					
SEVERAL					
Ozone unit support					
Renewal of institutional strengthening project (phase VIII: 4/2016-3/2018)	UNEP		\$98,176	\$0	\$98,176
Total for Belize			\$98,176		\$98,176
BENIN					
PHASE-OUT PLAN					
HCFC phase out plan					
HCFC phase-out management plan (stage I, third tranche)	UNEP		\$75,000	\$9,750	\$84,750
<i>Noted that the Agreement between the Government and the Executive Committee had been updated on the basis of the consolidation of UNIDO's funding for the fourth (US\$35,000 in 2018) and fifth (US\$35,000 in 2020) tranches with the funding for the third tranche (US\$50,000).</i>					
HCFC phase-out management plan (stage I, third tranche)	UNIDO	2.4	\$120,000	\$9,000	\$129,000
<i>Noted that the Agreement between the Government and the Executive Committee had been updated on the basis of the consolidation of UNIDO's funding for the fourth (US\$35,000 in 2018) and fifth (US\$35,000 in 2020) tranches with the funding for the third tranche (US\$50,000).</i>					
Total for Benin		2.4	\$195,000	\$18,750	\$213,750
BHUTAN					
PHASE-OUT PLAN					
HCFC phase out plan					
HCFC phase-out management plan (third tranche)	UNDP	0.1	\$57,000	\$5,130	\$62,130
<i>Approved on the understanding that the approved funds would not be transferred to UNEP and UNDP until the Secretariat had reviewed the verification report and confirmed that the Government of Bhutan was in compliance with the Montreal Protocol and the Agreement between the Government and the Executive Committee.</i>					
HCFC phase-out management plan (third tranche)	UNEP	0.2	\$84,000	\$10,920	\$94,920
<i>Approved on the understanding that the approved funds would not be transferred to UNEP and UNDP until the Secretariat had reviewed the verification report and confirmed that the Government of Bhutan was in compliance with the Montreal Protocol and the Agreement between the Government and the Executive Committee.</i>					
Total for Bhutan		0.3	\$141,000	\$16,050	\$157,050

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			Project	Support	Total
BOSNIA AND HERZEGOVINA					
PHASE-OUT PLAN					
HCFC phase out plan					
HCFC phase-out management plan (stage I, third tranche) (activities in the refrigeration servicing sector including policy actions)	UNIDO		\$117,692	\$8,238	\$125,930
Total for Bosnia and Herzegovina			\$117,692	\$8,238	\$125,930
BOTSWANA					
SEVERAL					
Ozone unit support					
Extension of institutional strengthening project (phase V: 6/2016-7/2018)	UNEP		\$100,061	\$0	\$100,061
Total for Botswana			\$100,061		\$100,061
BRUNEI DARUSSALAM					
SEVERAL					
Ozone unit support					
Renewal of the institutional strengthening project (phase V: 1/2017-12/2018)	UNEP		\$89,600	\$0	\$89,600
Total for Brunei Darussalam			\$89,600		\$89,600
CAMBODIA					
PHASE-OUT PLAN					
HCFC phase out plan					
HCFC phase-out management plan (third tranche)	UNEP		\$150,000	\$19,500	\$169,500
Approved on the understanding that the approved funds would not be transferred to UNEP and UNDP until the Secretariat had reviewed the verification report and confirmed that the Government of Cambodia was in compliance with the Montreal Protocol and the Agreement between the Government and the Executive Committee.					
HCFC phase-out management plan (third tranche)	UNDP		\$100,000	\$7,500	\$107,500
Approved on the understanding that the approved funds would not be transferred to UNEP and UNDP until the Secretariat had reviewed the verification report and confirmed that the Government of Cambodia was in compliance with the Montreal Protocol and the Agreement between the Government and the Executive Committee.					
Total for Cambodia			\$250,000	\$27,000	\$277,000

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			Project	Support	Total	
CAMEROON						
PHASE-OUT PLAN						
HCFC phase out plan						
HCFC phase-out management plan (refrigeration servicing sector plan) (stage I, third tranche)	UNIDO		\$59,136	\$4,435	\$63,571	
Total for Cameroon			\$59,136	\$4,435	\$63,571	
CHAD						
PHASE-OUT PLAN						
HCFC phase out plan						
HCFC phase-out management plan (stage I, third tranche)	UNIDO	2.4	\$100,000	\$7,500	\$107,500	
<i>Approved on the understanding that if Chad were to decide to proceed with retrofits and associated servicing to flammable and toxic refrigerants in refrigeration and air-conditioning equipment originally designed for non-flammable substances, it would do so assuming all associated responsibilities and risks and only in accordance with the relevant standards and protocols; and that the approved funds would not be transferred to UNEP and UNIDO until the Secretariat had reviewed the verification report and confirmed that the Government of Chad was in compliance with the Montreal Protocol and the Agreement between the Government and the Executive Committee.</i>						
HCFC phase-out management plan (stage I, third tranche)	UNEP		\$45,000	\$5,850	\$50,850	
<i>Approved on the understanding that if Chad were to decide to proceed with retrofits and associated servicing to flammable and toxic refrigerants in refrigeration and air-conditioning equipment originally designed for non-flammable substances, it would do so assuming all associated responsibilities and risks and only in accordance with the relevant standards and protocols; and that the approved funds would not be transferred to UNEP and UNIDO until the Secretariat had reviewed the verification report and confirmed that the Government of Chad was in compliance with the Montreal Protocol and the Agreement between the Government and the Executive Committee.</i>						
Total for Chad		2.4	\$145,000	\$13,350	\$158,350	

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			Project	Support	Total	

CHILE

PHASE-OUT PLAN

HCFC phase out plan

HCFC phase-out management plan (stage I, fourth and fifth tranches)	UNEP		\$68,123	\$8,856	\$76,979	
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Noted that Agreement between the Government and the Executive Committee had been updated on the basis of the revised funding schedule (combining the fourth (US\$139,562 in 2014) and the fifth (US\$127,860 in 2015) tranches) and the extension of implementation period; that the Government is committed to complete implementation of stage I of the HPMP by 31 December 2017; that no further extension of project implementation would be requested; and that any funds remaining at the end of 2017 would be returned to the Multilateral Fund at the first meeting of the Executive Committee in 2019. The Government, UNDP and UNEP were requested to submit the 2015 verification report by the 77th meeting; submit progress reports on a yearly basis on the implementation of the work programmes associated with stage I until the completion of the project and verification reports until the first meeting of 2018, and the project completion report to the last meeting of the Executive Committee in 2018. Approved on the understanding that funding for UNEP would be disbursed only after signature of the agreement between the Government and UNEP for implementing activities in stage I.

HCFC phase-out management plan (stage I, fourth and fifth tranches)	UNDP	5.9	\$199,299	\$14,947	\$214,246	
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Noted that Agreement between the Government and the Executive Committee had been updated on the basis of the revised funding schedule (combining the fourth (US\$139,562 in 2014) and the fifth (US\$127,860 in 2015) tranches) and the extension of implementation period; that the Government is committed to complete implementation of stage I of the HPMP by 31 December 2017; that no further extension of project implementation would be requested; and that any funds remaining at the end of 2017 would be returned to the Multilateral Fund at the first meeting of the Executive Committee in 2019. The Government, UNDP and UNEP were requested to submit the 2015 verification report by the 77th meeting; submit progress reports on a yearly basis on the implementation of the work programmes associated with stage I until the completion of the project and verification reports until the first meeting of 2018, and the project completion report to the last meeting of the Executive Committee in 2018. Approved on the understanding that funding for UNEP would be disbursed only after signature of the agreement between the Government and UNEP for implementing activities in stage I.

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Project Title	Agency	ODP (tonnes)	Funds approved (US\$)			C.E. (US\$/kg)
			Project	Support	Total	
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 2016 to 2021 to reduce HCFC consumption by 65 per cent of its baseline. Noted that the Government had committed to reducing HCFC consumption by 45 per cent of its baseline by 2020 and 65 per cent of its baseline by 2021 and would issue by 1 January 2020 a ban on import and use of HCFC-141b for the polyurethane foam manufacturing sector and on imports and exports of HCFC-141b contained in pre-blended polyols ; the Government and UNDP, UNEP and UNIDO were requested to deduct 47.1 ODP tonnes of HCFCs from the remaining HCFC consumption eligible for funding and to deduct a further 2.42 ODP tonnes of HCFC-141b to account for exports of pre-blended polyols containing HCFC-141b, in line with decision 68/42(b).</i>	UNIDO		\$309,210	\$21,645	\$330,855	4.80
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 2016 to 2021 to reduce HCFC consumption by 65 per cent of its baseline. Noted that the Government had committed to reducing HCFC consumption by 45 per cent of its baseline by 2020 and 65 per cent of its baseline by 2021 and would issue by 1 January 2020 a ban on import and use of HCFC-141b for the polyurethane foam manufacturing sector and on imports and exports of HCFC-141b contained in pre-blended polyols ; the Government and UNDP, UNEP and UNIDO were requested to deduct 47.1 ODP tonnes of HCFCs from the remaining HCFC consumption eligible for funding and to deduct a further 2.42 ODP tonnes of HCFC-141b to account for exports of pre-blended polyols containing HCFC-141b, in line with decision 68/42(b).</i>	UNEP		\$65,481	\$8,513	\$73,994	4.80
HCFC phase-out management plan (stage II, first tranche) (foam sector) <i>Approved in accordance with the Agreement between the Government and the Executive Committee for the period 2016 to 2021 to reduce HCFC consumption by 65 per cent of its baseline. Noted that the Government had committed to reducing HCFC consumption by 45 per cent of its baseline by 2020 and 65 per cent of its baseline by 2021 and would issue by 1 January 2020 a ban on import and use of HCFC-141b for the polyurethane foam manufacturing sector and on imports and exports of HCFC-141b contained in pre-blended polyols ; the Government and UNDP, UNEP and UNIDO were requested to deduct 47.1 ODP tonnes of HCFCs from the remaining HCFC consumption eligible for funding and to deduct a further 2.42 ODP tonnes of HCFC-141b to account for exports of pre-blended polyols containing HCFC-141b, in line with decision 68/42(b).</i>	UNDP	12.0	\$700,955	\$49,067	\$750,022	5.88
Total for Chile		17.8	\$1,343,068	\$103,028	\$1,446,096	

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			Project	Support	Total	
CHINA						
REFRIGERATION						
Multiple-subsectors						
Demonstration project for ammonia semi-hermetic frequency convertible screw refrigeration compression unit in the industrial and commercial refrigeration industry at Fujian Snowman Co. Ltd.	UNDP		\$1,026,815	\$71,877	\$1,098,692	
<i>Approved in line with decision 72/40. The Government and UNDP were requested to complete the project within 18 months of its approval, and to submit a comprehensive final report soon after project completion.</i>						
Total for China			\$1,026,815	\$71,877	\$1,098,692	
COLOMBIA						
FOAM						
Rigid						
Demonstration project to validate the use of hydrofluoro-olefins for discontinuous panels in Article 5 parties through the development of cost-effective formulations	UNDP		\$248,380	\$22,354	\$270,734	
<i>Approved in line with decision 72/40. The Government and UNDP were requested to complete the project within 12 months of its approval, and to submit a comprehensive final report soon after project completion.</i>						
Total for Colombia			\$248,380	\$22,354	\$270,734	
CONGO						
PHASE-OUT PLAN						
HCFC phase out plan						
HCFC phase-out management plan (stage I, third tranche)	UNIDO	1.8	\$75,000	\$6,750	\$81,750	
<i>Approved on the understanding that the approved funds would not be transferred to UNEP and UNIDO until the Secretariat had reviewed the verification report and confirmed that the Government of the Congo was in compliance with the Montreal Protocol and the Agreement between the Government and the Executive Committee.</i>						
HCFC phase-out management plan (stage I, third tranche)	UNEP		\$40,000	\$5,200	\$45,200	
<i>Approved on the understanding that the approved funds would not be transferred to UNEP and UNIDO until the Secretariat had reviewed the verification report and confirmed that the Government of the Congo was in compliance with the Montreal Protocol and the Agreement between the Government and the Executive Committee.</i>						
Total for Congo		1.8	\$115,000	\$11,950	\$126,950	

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Project			Project	Support	Total
COSTA RICA					
REFRIGERATION					
Commercial					
Demonstration of the application of an ammonia/carbon dioxide refrigeration system in replacement of HCFC-22 for the medium-sized producer and retail store of Premezclas Industriales S.A.	UNDP		\$524,000	\$36,680	\$560,680
<i>Approved in line with decision 72/40. The Government and UNDP were requested to deduct 0.035 ODP tonnes of HCFC-22 from the remaining HCFC consumption eligible for funding under stage II of the HCFC phase-out management plan; and to complete the project within 14 months of its approval, and to submit a comprehensive final report soon after project completion.</i>					
Total for Costa Rica			\$524,000	\$36,680	\$560,680
DJIBOUTI					
PHASE-OUT PLAN					
HCFC phase out plan					
HCFC phase-out management plan (stage I, second tranche)	UNEP		\$18,500	\$2,405	\$20,905
Total for Djibouti			\$18,500	\$2,405	\$20,905
ECUADOR					
PHASE-OUT PLAN					
HCFC phase out plan					
HCFC phase-out management plan (stage I, third tranche)	UNIDO		\$86,500	\$6,488	\$92,988
HCFC phase-out management plan (stage I, third tranche)	UNEP		\$30,000	\$3,900	\$33,900
SEVERAL					
Ozone unit support					
Extension of institutional strengthening project (phase VI: 5/2016-4/2018)	UNEP		\$226,305	\$0	\$226,305
Total for Ecuador			\$342,805	\$10,388	\$353,193

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			Project	Support	Total
EGYPT					
FOAM					
Multiple-subsectors					
Demonstration of low-cost options for the conversion to non- ODS technologies in polyurethane foams at very small users		4.4	\$295,000	\$20,650	\$315,650
<i>Approved in line with decision 72/40. The Government and UNDP were requested to deduct 4.40 ODP tonnes of HCFC-141b from the remaining HCFC consumption eligible for funding under stage II of the HPMP; and to complete the project within 12 months of its approval, and to submit a comprehensive final report soon after project completion.</i>					
SEVERAL					
Ozone unit support					
Extension of the institutional strengthening project (phase XI: 1/2017-12/2018)	UNIDO		\$292,253	\$20,458	\$312,711
Total for Egypt		4.4	\$587,253	\$41,108	\$628,361
GHANA					
PHASE-OUT PLAN					
HCFC phase out plan					
HCFC phase-out management plan (stage I, fourth tranche)	Italy		\$65,000	\$8,450	\$73,450
<i>Approved on the understanding that the approved funds will not be transferred to UNDP and the Government of Italy until the Secretariat had: reviewed the verification report and confirmed that the Government of Ghana is in compliance with the Montreal Protocol and the Agreement between the Government and the Executive Committee; and confirmed that the regulatory environment for the safe use of hydrocarbon refrigerants called for in paragraph (b) of decision 72/32 was in place.</i>					
HCFC phase-out management plan (stage I, fourth tranche)	UNDP		\$195,000	\$14,625	\$209,625
<i>Approved on the understanding that the approved funds will not be transferred to UNDP and the Government of Italy until the Secretariat had: reviewed the verification report and confirmed that the Government of Ghana is in compliance with the Montreal Protocol and the Agreement between the Government and the Executive Committee; and confirmed that the regulatory environment for the safe use of hydrocarbon refrigerants called for in paragraph (b) of decision 72/32 was in place.</i>					
SEVERAL					
Ozone unit support					
Extension of the institutional strengthening project (phase XII: 1/2017-12/2018)	UNDP		\$178,048	\$12,463	\$190,511
Total for Ghana			\$438,048	\$35,538	\$473,586

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			Project	Support	
HAITI					
PHASE-OUT PLAN					
HCFC phase out plan					
HCFC phase-out management plan (stage I, second tranche)	UNEP		\$30,000	\$3,900	\$33,900
<i>Approved on the understanding that if Haiti were to decide to proceed with retrofits and associated servicing to flammable and toxic refrigerants in refrigeration and air-conditioning equipment originally designed for non flammable substances, it would do so assuming all associated responsibilities and risks and only in accordance with the relevant standards and protocols; and that the approved funds would not be transferred to UNEP and UNDP until the Secretariat had reviewed the verification report and confirmed that the Government of Haiti was in compliance with the Montreal Protocol and the Agreement between the Government and the Executive Committee.</i>					
HCFC phase-out management plan (stage I, second tranche)	UNDP	0.4	\$97,119	\$8,741	\$105,860
<i>Approved on the understanding that if Haiti were to decide to proceed with retrofits and associated servicing to flammable and toxic refrigerants in refrigeration and air-conditioning equipment originally designed for non flammable substances, it would do so assuming all associated responsibilities and risks and only in accordance with the relevant standards and protocols; and that the approved funds would not be transferred to UNEP and UNDP until the Secretariat had reviewed the verification report and confirmed that the Government of Haiti was in compliance with the Montreal Protocol and the Agreement between the Government and the Executive Committee.</i>					
Total for Haiti		0.4	\$127,119	\$12,641	\$139,760

HONDURAS

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 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; that the Treasurer will not disburse the funding for UNEP until confirmation was received at the Secretariat that the agreement between the Government of Honduras and UNEP related to the second tranche of stage I of the HPMP had been signed and implementation progress under the second tranche has been reported; and that UNIDO will assist the Government to address the issues identified in the verification report and to report back to the Executive Committee when the fourth tranche of the HPMP is submitted.</i>						

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HCFC phase-out management plan (stage I, third tranche)	UNIDO		\$90,000	\$6,750	\$96,750	
<i>Approved on the understanding that 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; that the Treasurer will not disburse the funding for UNEP until confirmation was received at the Secretariat that the agreement between the Government of Honduras and UNEP related to the second tranche of stage I of the HPMP had been signed and implementation progress under the second tranche has been reported; and that UNIDO will assist the Government to address the issues identified in the verification report and to report back to the Executive Committee when the fourth tranche of the HPMP is submitted.</i>						
Total for Honduras			\$140,000	\$13,250	\$153,250	
INDIA						
SEVERAL						
Ozone unit support						
Extension of institutional strengthening project (phase X: 4/2016-3/2018)	UNDP		\$477,734	\$33,441	\$511,175	
Total for India			\$477,734	\$33,441	\$511,175	
INDONESIA						
PHASE-OUT PLAN						
HCFC phase out plan						
HCFC phase-out management plan (stage I, third tranche) (refrigeration and air-conditioning sector)	UNDP	9.0	\$901,102	\$67,583	\$968,685	
<i>Noted that the Agreement between the Government and the Executive Committee had been updated on the basis of the combination of the third (US\$591,812 in 2015) and fourth (US\$580,710 in 2018) tranches; that 12 enterprises in the refrigeration sector and 16 enterprises in the air conditioning sector requested to be removed from stage I of the HPMP as they had decided to convert to high-GWP technology without funding from the Multilateral Fund and that UNDP would return US \$3,134,216, plus agency support costs of US \$235,066 associated with these enterprises to the 76th meeting; that 15 foam enterprises decided not to convert to HFC-245fa technology under stage I and that further funding would only be provided to convert to low-GWP alternatives; and that up to US \$603,077 would be reallocated to support two local systems houses to develop low-GWP formulations as contained in the 2016-2018 tranche implementation plan. The Government, UNDP, UNIDO, World Bank and the Government of Australia were requested to submit progress reports on the implementation of the work programmes associated with stage I on a yearly basis until the completion of the project, and the project completion report to the first meeting of the Executive Committee in 2019.</i>						

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HCFC phase-out management plan (stage II, first tranche) (fire fighting sector) <i>Approved in accordance with the Agreement between the Government and the Executive Committee for the period 2016 to 2023 to reduce HCFC consumption by 55 per cent of its baseline. Noted that the Government had committed to reducing HCFC consumption by 37.5 per cent by 2020, and 55 per cent by 2023; the commitment of the Government to issue a ban on imports of HCFC-141b in bulk and contained in imported pre-blended polyols by 1 January 2021, and encouraged the Government to establish a national system for recording the amounts of HCFC-141b contained in pre-blended polyols to support that ban; that no further funding would be provided from the Multilateral Fund to any systems houses in Indonesia for the phase-out of HCFCs. UNDP and the World Bank were requested to deduct 84.33 ODP tonnes of HCFCs from the remaining HCFC consumption eligible for funding.</i>	UNDP		\$30,000	\$2,100	\$32,100	
HCFC phase-out management plan (stage I, third tranche) (foam sector) <i>Noted that the Agreement between the Government and the Executive Committee had been updated on the basis of the combination of the third (US\$591,812 in 2015) and fourth (US\$580,710 in 2018) tranches; that 12 enterprises in the refrigeration sector and 16 enterprises in the air conditioning sector requested to be removed from stage I of the HPMP as they had decided to convert to high-GWP technology without funding from the Multilateral Fund and that UNDP would return US \$3,134,216, plus agency support costs of US \$235,066 associated with these enterprises to the 76th meeting; that 15 foam enterprises decided not to convert to HFC-245fa technology under stage I and that further funding would only be provided to convert to low-GWP alternatives; and that up to US \$603,077 would be reallocated to support two local systems houses to develop low-GWP formulations as contained in the 2016-2018 tranche implementation plan. The Government, UNDP, UNIDO, World Bank and the Government of Australia were requested to submit progress reports on the implementation of the work programmes associated with stage I on a yearly basis until the completion of the project, and the project completion report to the first meeting of the Executive Committee in 2019.</i>	IBRD	3.3	\$271,420	\$20,356	\$291,776	
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 2016 to 2023 to reduce HCFC consumption by 55 per cent of its baseline. Noted that the Government had committed to reducing HCFC consumption by 37.5 per cent by 2020, and 55 per cent by 2023; the commitment of the Government to issue a ban on imports of HCFC-141b in bulk and contained in imported pre-blended polyols by 1 January 2021, and encouraged the Government to establish a national system for recording the amounts of HCFC-141b contained in pre-blended polyols to support that ban; that no further funding would be provided from the Multilateral Fund to any systems houses in Indonesia for the phase-out of HCFCs. UNDP and the World Bank were requested to deduct 84.33 ODP tonnes of HCFCs from the remaining HCFC consumption eligible for funding.</i>	UNDP		\$2,203,114	\$154,218	\$2,357,332	4.80

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			Project	Support	Total	
HCFC phase-out management plan (stage II, first tranche) (foam sector)	IBRD	19.9	\$1,985,743	\$139,002	\$2,124,745	10.95
<i>Approved in accordance with the Agreement between the Government and the Executive Committee for the period 2016 to 2023 to reduce HCFC consumption by 55 per cent of its baseline. Noted that the Government had committed to reducing HCFC consumption by 37.5 per cent by 2020, and 55 per cent by 2023; the commitment of the Government to issue a ban on imports of HCFC-141b in bulk and contained in imported pre-blended polyols by 1 January 2021, and encouraged the Government to establish a national system for recording the amounts of HCFC-141b contained in pre-blended polyols to support that ban; that no further funding would be provided from the Multilateral Fund to any systems houses in Indonesia for the phase-out of HCFCs. UNDP and the World Bank were requested to deduct 84.33 ODP tonnes of HCFCs from the remaining HCFC consumption eligible for funding.</i>						
Total for Indonesia		32.2	\$5,391,379	\$383,259	\$5,774,638	

IRAQ

SEVERAL

Ozone unit support

Extension of institutional strengthening project (phase III: 5/2016-4/2018)	UNEP		\$307,200	\$0	\$307,200	
Total for Iraq			\$307,200		\$307,200	

JAMAICA

PHASE-OUT PLAN

HCFC phase out plan

HCFC phase-out management plan (stage I, third tranche)	UNEP	0.4	\$31,000	\$4,030	\$35,030	
<i>Approved on the understanding that if Jamaica 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		\$183,000	\$13,725	\$196,725	
<i>Approved on the understanding that if Jamaica 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 Jamaica		0.4	\$214,000	\$17,755	\$231,755	

List of projects and activities approved for funding

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Project Title	Agency	ODP (tonnes)	Funds approved (US\$)		C.E. (US\$/kg)
			Project	Support	Total
JORDAN					
SEVERAL					
Technical assistance/support					
Survey of ODS alternatives at the national level	IBRD		\$55,000	\$4,950	\$59,950
<i>Noted that the funding had been approved taking into account similar surveys conducted outside the Multilateral Fund. Approved on the understanding that the final report of the survey would be submitted to the Secretariat no later than 1 January 2017.</i>					
Total for Jordan			\$55,000	\$4,950	\$59,950
KIRIBATI					
SEVERAL					
Ozone unit support					
Renewal of institutional strengthening project (phase VI: 12/2016-11/2018)	UNEP		\$85,000	\$0	\$85,000
Total for Kiribati			\$85,000		\$85,000
KUWAIT					
REFRIGERATION					
Air conditioning					
Demonstration project for HCFC-free low-global warming potential technology performance in air-conditioning applications (capacity above 8TR)	UNDP		\$293,000	\$20,510	\$313,510
<i>Approved in line with decision 72/40. The Government and UNDP were requested to complete the project within 36 months of its approval, and to submit a comprehensive final report soon after project completion.</i>					
SEVERAL					
Ozone unit support					
Extension of institutional strengthening project (phase VI: 5/2016-4/2018)	UNEP		\$134,810	\$0	\$134,810
Total for Kuwait			\$427,810	\$20,510	\$448,320
LAO, PDR					
SEVERAL					
Ozone unit support					
Renewal of the institutional strengthening project (phase VIII: 12/2016-11/2018)	UNEP		\$85,000	\$0	\$85,000
Total for Lao, PDR			\$85,000		\$85,000

List of projects and activities approved for funding

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Project Title	Agency	ODP (tonnes)	Funds approved (US\$)		C.E. (US\$/kg)
			Project	Support	Total
MADAGASCAR					
PHASE-OUT PLAN					
HCFC phase out plan					
HCFC phase-out management plan (stage I, third tranche)	UNEP		\$60,000	\$7,800	\$67,800
<i>Noted that the Agreement between the Government and the Executive Committee had been updated based on the revised Montreal Protocol limits only. Approved on the understanding that if Madagascar 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)	UNIDO	2.8	\$120,000	\$9,000	\$129,000
<i>Noted that the Agreement between the Government and the Executive Committee had been updated based on the revised Montreal Protocol limits only. Approved on the understanding that if Madagascar 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 Madagascar		2.8	\$180,000	\$16,800	\$196,800
MALAWI					
SEVERAL					
Ozone unit support					
Extension of institutional strengthening project (phase X: 4/2016-3/2018)	UNEP		\$85,418	\$0	\$85,418
Total for Malawi			\$85,418		\$85,418
MALDIVES					
REFRIGERATION					
Commercial					
Demonstration project for HCFC-free low-global warming potential alternatives in refrigeration in fisheries sector	UNDP		\$141,000	\$12,690	\$153,690
<i>Approved in line with decision 72/40. The Government and UNDP were requested to complete the project within 24 months of its approval, and to submit a comprehensive final report soon after project completion.</i>					
Total for Maldives			\$141,000	\$12,690	\$153,690

List of projects and activities approved for funding

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Annex V

Project Title	Agency	ODP (tonnes)	Funds approved (US\$)		C.E. (US\$/kg)
			Project	Support	Total
MALI					
PHASE-OUT PLAN					
HCFC phase out plan					
HCFC phase-out management plan (stage I, third tranche)	UNDP	2.6	\$92,000	\$6,900	\$98,900
<i>Approved on the understanding that if Mali were to decide to proceed with retrofits and associated servicing to flammable and toxic refrigerants in refrigeration and air-conditioning equipment originally designed for non flammable substances, it would do so assuming all associated responsibilities and risks and only in accordance with the relevant standards and protocols; and that the approved funds would not be transferred to UNEP and UNDP until the Secretariat had reviewed the verification report and confirmed that the Government of Mali was in compliance with the Montreal Protocol and the Agreement between the Government and the Executive Committee.</i>					
HCFC phase-out management plan (stage I, third tranche)	UNEP		\$80,000	\$10,400	\$90,400
<i>Approved on the understanding that if Mali were to decide to proceed with retrofits and associated servicing to flammable and toxic refrigerants in refrigeration and air-conditioning equipment originally designed for non flammable substances, it would do so assuming all associated responsibilities and risks and only in accordance with the relevant standards and protocols; and that the approved funds would not be transferred to UNEP and UNDP until the Secretariat had reviewed the verification report and confirmed that the Government of Mali was in compliance with the Montreal Protocol and the Agreement between the Government and the Executive Committee.</i>					
Total for Mali		2.6	\$172,000	\$17,300	\$189,300
MOZAMBIQUE					
SEVERAL					
Ozone unit support					
Extension of the institutional strengthening project (phase VII: 4/2016-3/2018)	UNEP		\$103,424	\$0	\$103,424
Total for Mozambique			\$103,424		\$103,424
NIGERIA					
SEVERAL					
Ozone unit support					
Extension of the institutional strengthening project (phase X: 12/2016-11/2018)	UNDP		\$332,800	\$23,296	\$356,096
Total for Nigeria			\$332,800	\$23,296	\$356,096

List of projects and activities approved for funding

UNEP/OzL.Pro/ExCom/76/66
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Project Title	Agency	ODP (tonnes)	Funds approved (US\$)			C.E. (US\$/kg)
			Project	Support	Total	

PAKISTAN

PHASE-OUT PLAN

HCFC phase out plan

HCFC phase-out management plan (stage II, first tranche) (polyurethane foam sector)	UNIDO	57.3	\$2,160,200	\$151,214	\$2,311,414	
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Approved in accordance with the Agreement between the Government and the Executive Committee for the period 2016 to 2020 to reduce HCFC consumption by 50 per cent of its baseline and on the understanding that the approved funds would not be transferred to UNEP and UNIDO until the Secretariat had reviewed the verification report and confirmed that the Government was in compliance with the Montreal Protocol and the Agreement between the Government and the Executive Committee for stage I of the HPMP. Noted that the Government had committed to reducing HCFC consumption by 50 per cent by 2020; and that during stage II, the Government could submit an investment project to phase out the use of HCFC-142b in the extruded polystyrene foam manufacturing sector on the condition that the country's baseline consumption was revised to include HCFC-142b and approved by the Meeting of the Parties to the Montreal Protocol. The Government, UNIDO and UNEP are requested to deduct 72.98 ODP tonnes of HCFCs from the remaining HCFC consumption eligible for funding.

HCFC phase-out management plan (stage II, first tranche) (refrigeration servicing sector)	UNIDO		\$190,000	\$13,300	\$203,300	
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Approved in accordance with the Agreement between the Government and the Executive Committee for the period 2016 to 2020 to reduce HCFC consumption by 50 per cent of its baseline and on the understanding that the approved funds would not be transferred to UNEP and UNIDO until the Secretariat had reviewed the verification report and confirmed that the Government was in compliance with the Montreal Protocol and the Agreement between the Government and the Executive Committee for stage I of the HPMP. Noted that the Government had committed to reducing HCFC consumption by 50 per cent by 2020; and that during stage II, the Government could submit an investment project to phase out the use of HCFC-142b in the extruded polystyrene foam manufacturing sector on the condition that the country's baseline consumption was revised to include HCFC-142b and approved by the Meeting of the Parties to the Montreal Protocol. The Government, UNIDO and UNEP are requested to deduct 72.98 ODP tonnes of HCFCs from the remaining HCFC consumption eligible for funding.

List of projects and activities approved for funding

UNEP/OzL.Pro/ExCom/76/66
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Project Title	Agency	ODP (tonnes)	Funds approved (US\$)			C.E. (US\$/kg)
			Project	Support	Total	
HCFC phase-out management plan (stage II, first tranche) (refrigeration servicing sector)	UNEP		\$200,000	\$25,976	\$225,976	4.80
<i>Approved in accordance with the Agreement between the Government and the Executive Committee for the period 2016 to 2020 to reduce HCFC consumption by 50 per cent of its baseline and on the understanding that the approved funds would not be transferred to UNEP and UNIDO until the Secretariat had reviewed the verification report and confirmed that the Government was in compliance with the Montreal Protocol and the Agreement between the Government and the Executive Committee for stage I of the HPMP. Noted that the Government had committed to reducing HCFC consumption by 50 per cent by 2020; and that during stage II, the Government could submit an investment project to phase out the use of HCFC-142b in the extruded polystyrene foam manufacturing sector on the condition that the country's baseline consumption was revised to include HCFC-142b and approved by the Meeting of the Parties to the Montreal Protocol. The Government, UNIDO and UNEP are requested to deduct 72.98 ODP tonnes of HCFCs from the remaining HCFC consumption eligible for funding.</i>						
Total for Pakistan		57.3	\$2,550,200	\$190,490	\$2,740,690	

PANAMA

PHASE-OUT PLAN

HCFC phase out plan

HCFC phase-out management plan (stage II, first tranche) (refrigeration servicing sector)	UNDP		\$147,100	\$10,297	\$157,397	4.80
<i>Approved in accordance with the Agreement between the Government and the Executive Committee for the period 2016 to 2020 to reduce HCFC consumption by 35 per cent of its baseline. Noted the commitment of the Government to issue a ban on the use of HCFC-22 as flushing solvent in the refrigeration servicing sector by 1 January 2018; a ban on imports of HCFC-141b contained in imported pre blended polyols by 1 January 2020; a ban on new installations and on the manufacturing for extruded polystyrene foam by 1 January 2018; to undertake efforts to extend the bans on imports and use of HCFCs to the Free Trade Zone; and to introduce measures by 2020 to prevent the import of products being converted under the HPMP that were manufactured with HCFC-141b in the Free Trade Zone. The Government and UNDP were requested to deduct 9.11 ODP tonnes of HCFCs from the remaining HCFC consumption eligible for funding; and to report in the stage II tranche requests on the status of the Government's efforts to obtain data from the systems house in the Free Trade Zone, and the status of the Government's efforts to obtain information on HCFCs imported to and exported from the Free Trade Zone.</i>						

List of projects and activities approved for funding

UNEP/OzL.Pro/ExCom/76/66
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Project Title	Agency	ODP (tonnes)	Funds approved (US\$)			C.E. (US\$/kg)
			Project	Support	Total	
HCFC phase-out management plan (stage II, first tranche) (foam sector)	UNDP	2.5	\$118,000	\$8,260	\$126,260	10.95
<i>Approved in accordance with the Agreement between the Government and the Executive Committee for the period 2016 to 2020 to reduce HCFC consumption by 35 per cent of its baseline. Noted the commitment of the Government to issue a ban on the use of HCFC-22 as flushing solvent in the refrigeration servicing sector by 1 January 2018; a ban on imports of HCFC-141b contained in imported pre blended polyols by 1 January 2020; a ban on new installations and on the manufacturing for extruded polystyrene foam by 1 January 2018; to undertake efforts to extend the bans on imports and use of HCFCs to the Free Trade Zone; and to introduce measures by 2020 to prevent the import of products being converted under the HPMP that were manufactured with HCFC-141b in the Free Trade Zone. The Government and UNDP were requested to deduct 9.11 ODP tonnes of HCFCs from the remaining HCFC consumption eligible for funding; and to report in the stage II tranche requests on the status of the Government's efforts to obtain data from the systems house in the Free Trade Zone, and the status of the Government's efforts to obtain information on HCFCs imported to and exported from the Free Trade Zone.</i>						
Total for Panama		2.5	\$265,100	\$18,557	\$283,657	

SAINT LUCIA

PHASE-OUT PLAN

HCFC phase out plan

HCFC phase-out management plan (stage I, third tranche)	UNEP		\$26,300	\$3,419	\$29,719	
<i>Noted that the Agreement between the Government and the Executive Committee had been updated on the basis of the established HCFC baseline for compliance and the revised funding level, as well as the consolidation of UNIDO's funding for the fourth (2018) and fifth (2020) tranches with the funding for the third tranche; that the revised starting point for sustained aggregate reduction in HCFC consumption was 1.09 ODP tonnes, calculated using actual consumption of 1.37 ODP tonnes and 0.81 ODP tonnes reported for 2009 and 2010, respectively, under Article 7 of the Montreal Protocol; and that the revised funding level for stage I was US \$210,000 plus agency support costs, in accordance with decision 60/44(f)(xii). Approved on the understanding that if Saint Lucia 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

UNEP/OzL.Pro/ExCom/76/66
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Project Title	Agency	ODP (tonnes)	Funds approved (US\$)		C.E. (US\$/kg)
			Project	Support	
HCFC phase-out management plan (stage I, third tranche)	UNIDO	0.1	\$27,500	\$2,475	\$29,975
<i>Noted that the Agreement between the Government and the Executive Committee had been updated on the basis of the established HCFC baseline for compliance and the revised funding level, as well as the consolidation of UNIDO's funding for the fourth (2018) and fifth (2020) tranches with the funding for the third tranche; that the revised starting point for sustained aggregate reduction in HCFC consumption was 1.09 ODP tonnes, calculated using actual consumption of 1.37 ODP tonnes and 0.81 ODP tonnes reported for 2009 and 2010, respectively, under Article 7 of the Montreal Protocol; and that the revised funding level for stage I was US \$210,000 plus agency support costs, in accordance with decision 60/44(f)(xii). Approved on the understanding that if Saint Lucia 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 Saint Lucia		0.1	\$53,800	\$5,894	\$59,694

SAO TOME AND PRINCIPE

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 Sao Tome and Principe were to decide to proceed with retrofits and associated servicing to flammable and toxic refrigerants in refrigeration and air-conditioning equipment originally designed for non flammable substances, it would do so assuming all associated responsibilities and risks and only in accordance with the relevant standards and protocols; and that the approved funds would not be transferred to UNEP until the Secretariat had reviewed the verification report and confirmed that the Government of Sao Tome and Principe was in compliance with the Montreal Protocol and the Agreement between the Government and the Executive Committee.</i>					

SEVERAL

Ozone unit support

Extension of the institutional strengthening project (phase V: 7/2016-6/2018)	UNEP		\$85,000	\$0	\$85,000
Total for Sao Tome and Principe			\$120,000	\$4,550	\$124,550

SAUDI ARABIA

FOAM

Rigid

Demonstration project for the phase-out of HCFCs by using HFO as foam blowing agent in the spray foam applications in high ambient temperatures	UNIDO		\$96,250	\$8,663	\$104,913
<i>Approved in line with decision 72/40. The Government and UNIDO were requested to complete the project within 16 months of its approval, and to submit a comprehensive final report soon after project completion.</i>					

List of projects and activities approved for funding

UNEP/OzL.Pro/ExCom/76/66
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Project Title	Agency	ODP (tonnes)	Funds approved (US\$)		C.E. (US\$/kg)
			Project	Support	Total
REFRIGERATION					
Air conditioning					
Demonstration project on promoting HFO-based low-global warming potential refrigerants for air-conditioning sector in high ambient temperatures	UNIDO		\$1,300,000	\$91,000	\$1,391,000
<i>Approved in line with decision 72/40 and on the understanding that the testing of window air-conditioning units with HC-290 could also be conducted despite reduced funding for the project. The Government and UNIDO were requested to complete the project within 24 months of its approval, and to submit a comprehensive final report soon after project completion.</i>					
Demonstration project at air-conditioning manufacturers to develop window and packaged air-conditioners using low-global warming potential refrigerants	IBRD	3.6	\$796,400	\$55,748	\$852,148
<i>Approved in line with decision 72/40 and on the understanding that funding provided to the enterprise established after 2007 did not set a precedent and was done on an exceptional basis to address performance concerns related to air-conditioning in high ambient temperature conditions, and only within the context of the present demonstration project. The Government and the World Bank were requested to deduct 3.59 ODP tonnes of HCFC-22 from the remaining HCFC consumption eligible for funding under stage II of the HCFC phase-out management plan; and to complete the project within 12 months of its approval, and to submit a comprehensive final report soon after project completion.</i>					
Total for Saudi Arabia		3.6	\$2,192,650	\$155,411	\$2,348,061
SIERRA LEONE					
PHASE-OUT PLAN					
HCFC phase out plan					
HCFC phase-out management plan (stage I, third tranche)	UNIDO	0.2	\$50,000	\$4,500	\$54,500
<i>Approved on the understanding that if the country 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		\$20,000	\$2,600	\$22,600
<i>Approved on the understanding that if the country 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 Sierra Leone		0.2	\$70,000	\$7,100	\$77,100

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Project Title	Agency	ODP (tonnes)	Funds approved (US\$)		C.E. (US\$/kg)
			Project	Support	Total
SOUTH AFRICA					
FOAM					
Rigid (insulation refrigeration)					
Demonstration project on the technical and economic advantages of the vacuum assisted injection in discontinuous panels plant retrofitted from HCFC-141b to pentane	UNIDO		\$222,200	\$19,998	\$242,198
Approved in line with decision 72/40. The Government and UNIDO were requested to complete the project within 16 months if its approval, and to submit a comprehensive final report soon after project completion.					
PHASE-OUT PLAN					
HCFC phase out plan					
HCFC phase-out management plan (stage I, third tranche) (refrigeration servicing, custom training and monitoring)	UNIDO	6.4	\$679,898	\$47,593	\$727,491
Approved on the understanding that the approved funds would not be transferred to UNIDO until the Secretariat had reviewed the verification report and confirmed that the Government of South Africa was in compliance with the Montreal Protocol and the Agreement between the Government and the Executive Committee.					
HCFC phase-out management plan (stage I, third tranche) (polyurethane foam sector plan)	UNIDO	21.0	\$622,437	\$43,571	\$666,008
Approved on the understanding that the approved funds would not be transferred to UNIDO until the Secretariat had reviewed the verification report and confirmed that the Government of South Africa was in compliance with the Montreal Protocol and the Agreement between the Government and the Executive Committee.					
Total for South Africa		27.4	\$1,524,535	\$111,162	\$1,635,697
SOUTH SUDAN					
SEVERAL					
Ozone unit support					
Institutional strengthening project (phase I: 5/2016-4/2018)	UNEP		\$85,000	\$0	\$85,000
Total for South Sudan			\$85,000		\$85,000
SRI LANKA					
PHASE-OUT PLAN					
HCFC phase out plan					
HCFC phase-out management plan (stage I, third tranche)	UNEP	1.3	\$75,100	\$9,763	\$84,863
HCFC phase-out management plan (stage I, third tranche)	UNDP	2.1	\$127,766	\$9,582	\$137,348

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Project Title	Agency	ODP (tonnes)	Funds approved (US\$)		C.E. (US\$/kg)
			Project	Support	Total
SEVERAL					
Ozone unit support					
Extension of the institutional strengthening project (phase XI: 1/2017-12/2018)	UNDP		\$171,592	\$12,011	\$183,603
Total for Sri Lanka		3.4	\$374,458	\$31,356	\$405,814
TANZANIA					
PHASE-OUT PLAN					
HCFC phase out plan					
HCFC phase-out management plan (stage I, second tranche)	UNIDO	0.2	\$50,000	\$4,500	\$54,500
<i>Approved on the understanding that if the United Republic of Tanzania 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	0.2	\$33,000	\$4,290	\$37,290
<i>Approved on the understanding that if the United Republic of Tanzania 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 Tanzania		0.4	\$83,000	\$8,790	\$91,790
THAILAND					
FOAM					
Rigid					
Demonstration project at foam system houses to formulate pre-blended polyol for spray polyurethane foam applications using low-global warming potential blowing agent	IBRD	3.9	\$352,550	\$24,679	\$377,229
<i>Approved in line with decision 72/40. The Government and the World Bank were requested to deduct 3.88 ODP tonnes of HCFC-141b from the remaining HCFC consumption eligible for funding under stage II of the HCFC phase-out management plan; and to complete the project within 12 months of its approval, and to submit a comprehensive final report soon after project completion.</i>					
Total for Thailand		3.9	\$352,550	\$24,679	\$377,229
TIMOR LESTE					
SEVERAL					
Ozone unit support					
Extension of institutional strengthening (phase IV: 1/2017-12/2018)	UNEP		\$85,000	\$0	\$85,000
Total for Timor Leste			\$85,000		\$85,000

List of projects and activities approved for funding

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Project Title	Agency	ODP (tonnes)	Funds approved (US\$)			C.E. (US\$/kg)
			Project	Support	Total	
TUNISIA						
PHASE-OUT PLAN						
HCFC phase out plan						
HCFC phase-out management plan (stage I, second tranche) (refrigeration servicing sector)	France	0.5	\$38,000	\$4,813	\$42,813	
HCFC phase-out management plan (stage I, second tranche) (residential air-conditioning manufacturing sector plan)	France	1.5	\$356,397	\$45,144	\$401,541	
HCFC phase-out management plan (stage I, second tranche) (refrigeration servicing sector, project management and audit)	UNIDO	0.8	\$122,500	\$8,575	\$131,075	
HCFC phase-out management plan (stage I, second tranche) (residential air-conditioning manufacturing sector plan)	UNIDO	1.5	\$356,396	\$24,948	\$381,344	
HCFC phase-out management plan (stage I, second tranche) (refrigeration servicing sector)	UNEP	0.7	\$55,000	\$7,150	\$62,150	
Total for Tunisia		5.0	\$928,293	\$90,630	\$1,018,923	
TURKMENISTAN						
PHASE-OUT PLAN						
HCFC phase out plan						
HCFC phase-out management plan (stage I, third tranche)	UNIDO	1.7	\$215,250	\$16,144	\$231,394	
Total for Turkmenistan		1.7	\$215,250	\$16,144	\$231,394	
TUVALU						
SEVERAL						
Ozone unit support						
Extension of the institutional strengthening project (phase VI: 1/2017-12/2018)	UNEP		\$85,000	\$0	\$85,000	
Total for Tuvalu			\$85,000		\$85,000	

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Project Title	Agency	ODP (tonnes)	Funds approved (US\$)			C.E. (US\$/kg)
			Project	Support	Total	
VENEZUELA						
PHASE-OUT PLAN						
HCFC phase out plan						
HCFC phase-out management plan (stage II, first tranche) (technical assistance in refrigeration and air-conditioning manufacturing sector)	UNIDO	3.2	\$245,000	\$17,150	\$262,150	4.19
<i>Approved in accordance with the Agreement between the Government and the Executive Committee for the period 2016 to 2020 to reduce HCFC consumption by 42 per cent of the baseline. Noted the commitment of the Government to reduce HCFC consumption by 42 per cent by 2020; issue a ban on imports, exports and use of HCFC-141b pure or contained in pre- blended polyols by 1 January 2020; issue a ban on import of refrigeration and air-conditioning (RAC) equipment operated with HCFCs and a ban on manufacturing and new installations of RAC equipment operating with HCFCs by 1 January 2020. The Government, UNIDO and UNDP were requested to deduct 64.41 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)	UNIDO		\$355,000	\$24,850	\$379,850	4.80
<i>Approved in accordance with the Agreement between the Government and the Executive Committee for the period 2016 to 2020 to reduce HCFC consumption by 42 per cent of the baseline. Noted the commitment of the Government to reduce HCFC consumption by 42 per cent by 2020; issue a ban on imports, exports and use of HCFC-141b pure or contained in pre- blended polyols by 1 January 2020; issue a ban on import of refrigeration and air-conditioning (RAC) equipment operated with HCFCs and a ban on manufacturing and new installations of RAC equipment operating with HCFCs by 1 January 2020. The Government, UNIDO and UNDP were requested to deduct 64.41 ODP tonnes of HCFCs from the remaining HCFC consumption eligible for funding.</i>						
HCFC phase-out management plan (stage II, first tranche) (foam sector)	UNDP	2.4	\$76,420	\$5,349	\$81,769	9.47
<i>Approved in accordance with the Agreement between the Government and the Executive Committee for the period 2016 to 2020 to reduce HCFC consumption by 42 per cent of the baseline. Noted the commitment of the Government to reduce HCFC consumption by 42 per cent by 2020; issue a ban on imports, exports and use of HCFC-141b pure or contained in pre- blended polyols by 1 January 2020; issue a ban on import of refrigeration and air-conditioning (RAC) equipment operated with HCFCs and a ban on manufacturing and new installations of RAC equipment operating with HCFCs by 1 January 2020. The Government, UNIDO and UNDP were requested to deduct 64.41 ODP tonnes of HCFCs from the remaining HCFC consumption eligible for funding.</i>						
Total for Venezuela		5.6	\$676,420	\$47,349	\$723,769	

List of projects and activities approved for funding

UNEP/OzL.Pro/ExCom/76/66
Annex V

Project Title	Agency	ODP (tonnes)	Funds approved (US\$)		C.E. (US\$/kg)
			Project	Support	
VIETNAM					
PHASE-OUT PLAN					
HCFC phase out plan					
HCFC phase-out management plan (stage I, third tranche) (foam sector plan)	IBRD	9.1	\$407,581	\$30,569	\$438,150
<i>Noted that the Agreement between the Government and the Executive Committee had been updated on the basis of the addition of an enterprise, the additional amount of HCFC-141b to be phased-out and the revised funding level; that a new foam enterprise Sanaky had been included in the foam sector plan replacing the enterprise Glory which was no longer in business; and that the costs of the conversion and consumption of Sanaky had been, on an exceptional basis, calculated based on its 2009 consumption so that the enterprise could be treated in the same manner as the other enterprises included in the foam sector plan under stage I. The Government and the World Bank were requested to deduct 3.1 ODP tonnes of HCFC-141b from the remaining eligible HCFC consumption for funding; and to submit progress reports on the implementation of the work programmes associated with stage I on a yearly basis until completion of the project, and the project completion report of stage I by the last meeting of the Executive Committee in 2017.</i>					
HCFC phase-out management plan (stage II, first tranche) (polyurethane rigid foam sector)	IBRD	5.4	\$396,095	\$27,727	\$423,822
<i>Approved in accordance with the Agreement between the Government and the Executive Committee for the period 2016 to 2022 to reduce HCFC consumption by 35 per cent of its baseline. Noted that the Government had committed to reducing HCFC consumption by 35 per cent in 2020. Noted the commitment of the Government to issue a ban on imports of HCFC-141b contained in pre-blended polyols by 1 January 2022; on imports and manufacture of HCFC-22 air-conditioning units by 1 January 2022. The Government and the World Bank and the Government of Japan were requested to deduct 130.6 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)	Japan		\$43,250	\$5,623	\$48,873
<i>Approved in accordance with the Agreement between the Government and the Executive Committee for the period 2016 to 2022 to reduce HCFC consumption by 35 per cent of its baseline. Noted that the Government had committed to reducing HCFC consumption by 35 per cent in 2020. Noted the commitment of the Government to issue a ban on imports of HCFC-141b contained in pre-blended polyols by 1 January 2022; on imports and manufacture of HCFC-22 air-conditioning units by 1 January 2022. The Government and the World Bank and the Government of Japan were requested to deduct 130.6 ODP tonnes of HCFCs from the remaining HCFC consumption eligible for funding.</i>					
Total for Vietnam		14.5	\$846,926	\$63,919	\$910,845

List of projects and activities approved for funding

UNEP/OzL.Pro/ExCom/76/66
Annex V

Project Title	Agency	ODP (tonnes)	Funds approved (US\$)		C.E. (US\$/kg)
			Project	Support	Total
REGION: ASP					
REFRIGERATION					
Air conditioning					
Promoting alternative refrigerants in air-conditioning for high ambient countries in West Asia (PRAHA-II)	UNIDO		\$325,000	\$22,750	\$347,750
Approved in line with decision 72/40. UNEP and UNIDO were requested to complete the project within 18 months of its approval, and to submit a comprehensive final report soon after project completion.					
Promoting alternative refrigerants in air-conditioning for high ambient countries in West Asia (PRAHA-II)	UNEP		\$375,000	\$48,750	\$423,750
Approved in line with decision 72/40. UNEP and UNIDO were requested to complete the project within 18 months of its approval, and to submit a comprehensive final report soon after project completion.					
Total for Region: ASP			\$700,000	\$71,500	\$771,500
REGION: EUR					
REFRIGERATION					
Multiple-subsectors					
Development of a regional centre of excellence for training and certification and demonstration of low-global warming potential alternative refrigerants	Russian Fe		\$591,600	\$75,076	\$666,676
Approved in line with decision 72/40. The Government of Russian Federation was requested to complete the project within 36 months of its approval, and to submit a comprehensive final report soon after project completion.					
Total for Region: EUR			\$591,600	\$75,076	\$666,676
GLOBAL					
REFRIGERATION					
Multiple-subsectors					
Demonstration project on refrigerant quality, containment and introduction of low-global warming potential alternatives (Eastern Africa and Caribbean regions)	UNIDO		\$345,000	\$24,150	\$369,150
Approved in line with decision 72/40. The Governments concerned, UNEP and UNIDO were requested to complete the project within 24 months of its approval, and to submit a comprehensive final report soon after project completion.					
Demonstration project on refrigerant quality, containment and introduction of low-global warming potential alternatives (Eastern Africa and Caribbean regions)	UNEP		\$50,000	\$6,500	\$56,500
Approved in line with decision 72/40. The Governments concerned, UNEP and UNIDO were requested to complete the project within 24 months of its approval, and to submit a comprehensive final report soon after project completion.					

List of projects and activities approved for funding

UNEP/OzL.Pro/ExCom/76/66
Annex V

Project Title	Agency	ODP (tonnes)	Funds approved (US\$)			C.E. (US\$/kg)
			Project	Support	Total	
Commercial						
Demonstration project for the introduction of trans-critical CO2 refrigeration technology for supermarkets (Argentina and Tunisia)	UNIDO		\$846,300	\$59,241	\$905,541	
<i>Approved in line with decision 72/40. The Governments of Argentina and Tunisia and UNIDO were requested to complete the projects within 30 months of its approval, and to submit a comprehensive final report soon after project completion.</i>						
	Total for Global		\$1,241,300	\$89,891	\$1,331,191	
	GRAND TOTAL		193.1	\$28,120,182	\$2,039,834	\$30,160,016

Summary

UNEP/OzL.Pro/ExCom/76/66
Annex V

Sector	Tonnes (ODP)	Funds approved (US\$)		
		Project	Support	Total
BILATERAL COOPERATION				
Refrigeration		\$591,600	\$75,076	\$666,676
Phase-out plan	2.0	\$502,647	\$64,030	\$566,677
TOTAL:	2.0	\$1,094,247	\$139,106	\$1,233,353
INVESTMENT PROJECT				
Foam	8.3	\$1,214,380	\$96,344	\$1,310,724
Refrigeration	3.6	\$6,022,515	\$449,896	\$6,472,411
Phase-out plan	179.2	\$15,711,937	\$1,199,576	\$16,911,513
TOTAL:	191.1	\$22,948,832	\$1,745,816	\$24,694,648
WORK PROGRAMME AMENDMENT				
Foam		\$137,500	\$9,625	\$147,125
Several		\$3,939,603	\$145,287	\$4,084,890
TOTAL:		\$4,077,103	\$154,912	\$4,232,015
Summary by Parties and Implementing Agencies				
France	2.0	\$394,397	\$49,957	\$444,354
Italy		\$65,000	\$8,450	\$73,450
Japan		\$43,250	\$5,623	\$48,873
Russian Federation		\$591,600	\$75,076	\$666,676
IBRD	45.2	\$4,402,289	\$312,656	\$4,714,945
UNDP	41.4	\$9,315,050	\$671,912	\$9,986,962
UNEP	2.8	\$3,576,274	\$220,522	\$3,796,796
UNIDO	101.7	\$9,732,322	\$695,638	\$10,427,960
GRAND TOTAL	193.1	\$28,120,182	\$2,039,834	\$30,160,016

Balances on projects returned at the 76th meeting

Agency	Project costs (US\$)	Support costs (US\$)	Total (US\$)
France (per decision 76/2(a)(iv))*	378,985	46,308	425,293
Israel (per decision 76/2(c)(i))**	68,853	13,156	82,009
Portugal (per decision 76/2(c)(ii))**	42,087	11,678	53,765
UNDP (per decision 76/2(a)(ii) and 76/47(a)(ii))	3,377,463	253,304	3,630,767
UNEP (per decision 76/2(a)(ii))	6,113	1,403	7,516
UNIDO (per decision 76/2(a)(ii))	73,462	6,907	80,369
World Bank (per decision 76/2(a)(ii))	481,628	36,122	517,750
Total	4,428,590	368,879	4,797,468

*Offset against bilateral projects approved the 76th meeting

**Cash transfer

Net allocations based on decisions of the 76th meeting

Agency	Project costs (US\$)	Support costs (US\$)	Total (US\$)
France	15,412	3,649	19,061
Italy	65,000	8,450	73,450
Japan	43,250	5,623	48,873
Russian Federation	591,600	75,076	666,676
UNDP	5,937,587	418,608	6,356,195
UNEP	3,570,161	219,119	3,789,280
UNIDO	9,658,860	688,731	10,347,591
World Bank	3,920,661	276,534	4,197,195
Total	23,802,532	1,695,789	25,498,321