

List of projects and activities approved for funding

Project Title	Agency	ODP Tonnes	Funds Approved (US\$)		C.E. Total (US\$/kg)	
Project	Support					
ALGERIA						
FOAM						
Flexible slabstock						
Conversion of Matelas Souf to LCD technology	Germany	95.0	\$561,379	\$71,752	\$633,131	5.88
Conversion of SOFTPM, Choupot Oran, to LCD technology	Germany	80.0	\$498,400	\$64,792	\$563,192	6.23
REFRIGERATION						
Commercial						
Conversion from CFC-11 to HCFC-141b and CFC-12 to HFC-134a technology in the manufacture of commercial refrigeration at the RCA (Societe de Refrigeration et de Conditionnement de l'air)	UNIDO	27.3	\$351,768	\$45,730	\$397,498	12.00
Total for Algeria		202.3	\$1,411,547	\$182,274	\$1,593,821	
ANGOLA						
SEVERAL						
Country programme/country survey						
Preparation of country programme	UNEP		\$60,000	\$7,800	\$67,800	
Total for Angola			\$60,000	\$7,800	\$67,800	
ARGENTINA						
FOAM						
Rigid						
Phasing out CFC-11 by conversion to HCFC-141b as a blowing agent in the manufacture of rigid polyurethane foams at 7 companies (Aislaciones y Servicios Maximo; Baduco D and D; Bolatti; Hi-Tec Poliuretano Alberto; Najera Jose; Stefanelli Vincer; SRL)	UNIDO	46.1	\$329,495	\$42,834	\$372,329	7.15
Phaseout of CFC-11 by conversion to HCFC-141b in the manufacture of rigid polyurethane foam at 9 enterprises (Produmerc; Produnova; Carlos Masciotta; Elido Palermo; Carlos Castillo; Estandislo Kowcz; Constuctora Vimac; Gaspar Adragna; Placido Sandoval)	UNDP	44.8	\$320,332	\$41,643	\$361,975	7.15
REFRIGERATION						
Domestic						
Replacement of CFC-11 by HCFC-141b in the manufacture of rigid polyurethane foam for domestic refrigerators and sandwich panels at MTH S.R.L.	IBRD	7.1	\$82,695	\$10,750	\$93,445	11.67
Training programme/workshop						
Training of customs officers	UNEP		\$175,000	\$22,750	\$197,750	
<i>No further customs training project proposals would be approved</i>						
Training programme for the refrigeration servicing sector (Phase III)	UNEP		\$300,000	\$39,000	\$339,000	
<i>This project will mark the end of the training for service technicians. Further training requirements, if any, would be expected to be minimal</i>						
Total for Argentina		97.9	\$1,207,522	\$156,978	\$1,364,500	

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BENIN						
FOAM						
Flexible slabstock						
Phaseout of CFC-11 by conversion to methylene chloride in the manufacture of flexible polyurethane foam at Plastique Elastomeres du Benin (P.E.B.)	UNDP	27.3	\$143,027	\$18,594	\$161,621	5.24
REFRIGERATION						
Refrigerant management plan						
Implementation of the RMP: Training of custom officials	Canada		\$59,900	\$7,787	\$67,687	
Implementation of the RMP: Training of environmental inspectors and investigators	Canada		\$57,000	\$7,410	\$64,410	
Implementation of the RMP: Development of code of good practice for technicians	Canada		\$10,000	\$1,300	\$11,300	
Implementation of the RMP: Training of technicians in good refrigeration practices	Canada		\$144,000	\$18,720	\$162,720	
Total for Benin		27.3	\$413,927	\$53,811	\$467,738	
BRAZIL						
FOAM						
Rigid						
Phaseout of CFC-11 by conversion to water-blown technology in the manufacture of rigid foam at Plastiron	UNDP	32.4	\$131,768	\$17,130	\$148,898	4.07
Conversion from CFC-11 to HCFC-141b technology in the manufacture of rigid polyurethane foam at Jose Sola	UNDP	34.9	\$150,369	\$19,548	\$169,917	4.31
Conversion from CFC-11 to HCFC-141b technology in the manufacture of rigid polyurethane foam at Frigs	UNDP	64.9	\$311,056	\$40,437	\$351,493	4.79
Conversion from CFC-11 to HCFC-141b technology in the manufacture of rigid polyurethane foam at Termobras	UNDP	60.9	\$294,590	\$38,297	\$332,887	4.84
Conversion from CFC-11 to HCFC-141b technology in the manufacture of rigid polyurethane foam at Refri-Leste	UNDP	27.0	\$136,840	\$17,789	\$154,629	5.07
Conversion from CFC-11 to HCFC-141b and water technology in the manufacture of rigid polyurethane foam at Ser Therm	UNDP	57.1	\$359,791	\$46,773	\$406,564	6.30
Phaseout of CFC-11 by conversion to water-blown technology in the manufacture of rigid foam at Rytpak	UNDP	27.0	\$211,410	\$27,483	\$238,893	7.83
Integral skin						
Phaseout of CFC-11 by conversion to water-based technology in the manufacture of integral skin foams (shoesoles) at Megaflex	UNDP	41.5	\$205,568	\$26,724	\$232,292	4.95
Polystyrene/polyethylene						
Conversion from CFC-12 to isobutane technology in the manufacture of extruded polyethylene foam at Thermo-flex	UNDP	15.0	\$123,300	\$16,029	\$139,329	8.22

Project Title	Agency	ODP Tonnes	Funds Approved (US\$) Project	Approved (US\$) Support	Total (US\$/kg)	C.E.
Multiple-subsectors						
Phaseout of CFC-11 by conversion to water-blown technology in the manufacture of rigid integral skin foam and to HCFC-141b for rigid polyurethane foam at Poliumetka	UNDP	24.5	\$136,183	\$17,704	\$153,887	5.61
REFRIGERATION						
Technical assistance/support						
Technical assistance for RMP survey and preparation	UNDP		\$100,000	\$13,000	\$113,000	
SEVERAL						
Institutional strengthening						
Renewal of institutional strengthening (Phase III)	UNDP		\$270,000	\$35,100	\$305,100	
Total for Brazil		385.2	\$2,430,875	\$316,014	\$2,746,889	
BURKINA FASO						
REFRIGERATION						
Refrigerant management plan						
Implementation of the RMP: Incentive programme for the commercial and industrial refrigeration end-user sector	UNDP	3.0	\$132,250	\$17,193	\$149,443	44.08
Total for Burkina Faso		3.0	\$132,250	\$17,193	\$149,443	
CHILE						
FUMIGANT						
Methyl bromide						
Demonstration and phase-out project for methyl bromide soil fumigation for fruit tree production and replant	UNDP	76.2	\$805,000	\$98,550	\$903,550	10.56
<i>UNDP will disburse the funds approved in tranches according to the proposed methyl bromide phaseout schedule indicated in the agreement between the Government and the Committee; if Chile does not meet the reduction requirements outlined in the agreement, UNDP will withhold funding for the subsequent tranche until such time as the required reduction has been met. Also, UNDP will submit an annual progress report on the implementation of the project to the Fund Secretariat</i>						
SEVERAL						
Institutional strengthening						
Renewal of institutional strengthening	IBRD		\$143,500	\$18,655	\$162,155	
Total for Chile		76.2	\$948,500	\$117,205	\$1,065,705	
CHINA						
FOAM						
Rigid						
Replacement of CFC-11 with HCFC-141b in manufacturing of polyurethane rigid spray foam for insulation at 26 enterprises	UNIDO	891.4	\$3,295,600	\$372,516	\$3,668,116	3.70
<i>Only capital cost approved at the 32nd Meeting</i>						

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Project Title	Agency	ODP Tonnes	Funds Approved (US\$)		C.E. Total (US\$/kg)	
Project	Support	Project	Support	Total		
HALON						
General						
Halon sector 2001 annual programme <i>The 10% agency fee includes an independent technical audit.</i> <i>1,980 ODP tonnes of halon-1211 (production sector) will be phased out.</i>	IBRD	1,389.0	\$4,500,000	\$450,000	\$4,950,000	3.24
OTHER						
Tobacco fluffing						
2001 Annual work programme of the tobacco sector plan	UNIDO	90.0	\$2,000,000	\$180,000	\$2,180,000	22.22
REFRIGERATION						
Domestic						
Phaseout of CFC-11 by conversion to cyclopentane technology and CFC-12 by conversion to isobutane (600a) technology in the manufacture of domestic freezers at Qingdao Haier No. 2 Freezer Plant	UNDP	180.8	\$788,359	\$96,720	\$885,079	3.27
Replacement of CFC-11 and CFC-12 with cyclopentane and isobutane in the production of refrigerators at Little Swan Electric (Jingzhou) Co. Ltd.	UNIDO	211.9	\$2,392,316	\$273,155	\$2,665,471	11.28
Technical assistance/support						
Project to develop a strategy for the refrigeration sector in China (support costs)	Japan			\$45,500	\$45,500	
SEVERAL						
Institutional strengthening						
Renewal of institutional strengthening (Phase IV)	UNDP		\$300,000	\$39,000	\$339,000	
Total for China		2,763.2	\$13,276,27	\$1,456,891	\$14,733,166	
COLOMBIA						
FOAM						
Integral skin						
Retroactive funding for the conversion from CFC-11 to water-based technology in the manufacture of flexible molded and integral skin foam at Espumlatex-Promicolda	UNDP	11.5	\$82,020	\$4,921	\$86,941	7.13
Multiple-subsectors						
Conversion from CFC-11 to HCFC-141b and water based technology in the manufacture of various polyurethane foam applications at 25 small enterprises centered around their systems house Espumlatex	UNDP	38.4	\$332,768	\$43,260	\$376,028	8.67
Conversion from CFC-11 to HCFC-141b and water based technology in the manufacture of various polyurethane foam applications at Olaflex with a technical assistance programme covering 10 small customers	UNDP	15.0	\$191,833	\$24,938	\$216,771	11.76
REFRIGERATION						
Technical assistance/support						
Technical assistance for RMP survey and preparation	UNDP		\$40,000	\$5,200	\$45,200	
Total for Colombia		64.9	\$646,621	\$78,319	\$724,940	

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Project			Project	Support	
COMOROS					
SEVERAL					
Institutional strengthening					
Renewal of institutional strengthening	UNEP		\$18,533	\$2,409	\$20,942
Total for Comoros			\$18,533	\$2,409	\$20,942
CONGO					
REFRIGERATION					
Refrigerant management plan					
Implementation of the RMP: Customs training programme	UNEP		\$69,400	\$9,022	\$78,422
Implementation of the RMP: Assistance for information-sharing	UNEP		\$16,000	\$2,080	\$18,080
SEVERAL					
Institutional strengthening					
Renewal of institutional strengthening	UNEP		\$41,950	\$5,454	\$47,404
Total for Congo			\$127,350	\$16,556	\$143,906
CONGO, DR					
REFRIGERATION					
Technical assistance/support					
Assistance in developing the RMP project proposal	UNEP		\$60,000	\$7,800	\$67,800
SEVERAL					
Institutional strengthening					
Institutional strengthening project	UNEP		\$64,540	\$8,390	\$72,930
Total for Congo, DR			\$124,540	\$16,190	\$140,730
COSTA RICA					
REFRIGERATION					
Technical assistance/support					
Technical assistance for RMP survey and preparation	UNDP		\$40,000	\$5,200	\$45,200
Total for Costa Rica			\$40,000	\$5,200	\$45,200
EGYPT					
HALON					
Banking					
Halon management bank programme	UNDP	754.0	\$405,000	\$52,650	\$457,650
<i>Importation of halons will be banned at the time of the establishment of a reclamation centre for halons and that no more fire extinguisher manufacturers are consuming halon in the country</i>					
Total for Egypt			754.0	\$405,000	\$52,650
EL SALVADOR					
SEVERAL					
Institutional strengthening					
Renewal of institutional strengthening	UNEP		\$44,600	\$5,798	\$50,398
Total for El Salvador			\$44,600	\$5,798	\$50,398

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GABON					
SEVERAL					
Institutional strengthening					
Renewal of institutional strengthening	UNEP		\$30,400	\$3,952	\$34,352
Total for Gabon			\$30,400	\$3,952	\$34,352
GAMBIA					
REFRIGERATION					
Preparation of project proposal					
Project preparation for additional activities for Gambia RMP	Germany		\$10,000	\$1,300	\$11,300
Total for Gambia			\$10,000	\$1,300	\$11,300
GEORGIA					
SEVERAL					
Institutional strengthening					
Renewal of institutional strengthening (Phase II)	UNEP		\$46,700	\$6,071	\$52,771
Total for Georgia			\$46,700	\$6,071	\$52,771
GHANA					
REFRIGERATION					
Refrigerant management plan					
Implementation of the RMP: Customs training programme	UNEP		\$81,000	\$10,530	\$91,530
Implementation of the RMP: Monitoring of the activities	UNDP		\$15,455	\$2,009	\$17,464
Implementation of the RMP: Mobile air conditioning recovery and recycling of CFC-12	UNDP	11.7	\$98,902	\$12,857	\$111,759 8.50
Implementation of the RMP: Incentive programme for the commercial/industrial refrigeration end-user sector	UNDP	4.0	\$198,000	\$25,740	\$223,740 49.50
SEVERAL					
Institutional strengthening					
Renewal of institutional strengthening (Phase IV)	UNDP		\$107,000	\$13,910	\$120,910
Total for Ghana			15.7	\$500,357	\$65,046
HAITI					
SEVERAL					
Country programme/country survey					
Preparation of country programme	UNEP		\$60,000	\$7,800	\$67,800
Total for Haiti			\$60,000	\$7,800	\$67,800
HONDURAS					
SEVERAL					
Institutional strengthening					
Renewal of institutional strengthening	UNEP		\$44,000	\$5,720	\$49,720
Total for Honduras			\$44,000	\$5,720	\$49,720

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Project	Support					
INDIA						
FOAM						
Integral skin						
Conversion from CFC-11 to water-blown technology in the manufacture of flexible molded polyurethane foam and from CFC-11 to HCFC-141b technology in the manufacture of integral skin polyurethane foam at Sawhney Seating Systems	UNDP	28.0	\$241,619	\$31,410	\$273,029	8.63
Conversion from CFC-11 to HCFC-141b technology in the manufacture of integral skin polyurethane foam at Sun Steering Wheels Ltd.	UNDP	15.6	\$144,379	\$18,769	\$163,148	9.23
Conversion from CFC-11 to water-blown technology in the manufacture of flexible molded polyurethane foam at Netplast Ltd.	UNDP	18.0	\$177,224	\$23,039	\$200,263	9.85
HALON						
Banking						
National halon management and banking programme <i>Disbursement would not take place until a commitment had been given by the Government that regulations facilitating the ban on the production and import of new halon would be established within six months after the reclamation centre had been set up</i>	Australia	213.6	\$245,700		\$245,700	
National halon management and banking programme <i>Disbursement would not take place until a commitment had been given by the Government that regulations facilitating the ban on the production and import of new halon would be established within six months after the reclamation centre had been set up</i>	Canada	213.6	\$245,700	\$24,570	\$270,270	
REFRIGERATION						
Commercial						
Conversion from CFC-11 to HCFC-141b and from CFC-12 to HFC-134a technology in the manufacture of commercial refrigeration equipment at Sandlas Air-Con Systems P. Ltd.	UNDP	23.3	\$228,517		\$29,707	\$258,2249.80
Umbrella project for the conversion of three commercial refrigeration enterprises in New Delhi	UNIDO	27.3	\$328,894	\$42,756	\$371,650	12.04
Multiple-subsectors						
Conversion from CFC-11 to HCFC-141b and from CFC-12 to HFC-134a technology in the manufacture of commercial refrigeration equipment at Nine Enterprises	UNDP	53.5	\$789,425		\$96,837	\$886,26214.75
Technical assistance/support						
Preparation of a national strategy to reduce and eliminate the use of CFC refrigerants in the servicing sector <i>All stakeholders would be consulted and an agreed strategy will be developed</i>	Germany		\$240,200	\$31,226	\$271,426	
Preparation of a national strategy to reduce and eliminate the use of CFC refrigerants in the servicing sector <i>All stakeholders would be consulted and an agreed strategy will be developed</i>	Switzerland		\$70,796	\$9,204	\$80,000	

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Project			Project	Support		
Technical assistance to Ozone Cell, MOEF during the preparation of a refrigeration and air conditioning servicing sector strategy	UNDP		\$30,000	\$3,900	\$33,900	
<i>All stakeholders would be consulted and an agreed strategy will be developed</i>						
PROCESS AGENT						
Process conversion						
Conversion of carbon tetrachloride (CTC) as process solvent to trichloromethane at M/S Alpha Drugs India Ltd., Patiala	UNIDO	69.7	\$145,866	\$23,339	\$169,205	2.09
Conversion of carbon tetrachloride (CTC) as process solvent to ethylene dichloride at Doctors Organic Chemicals Ltd., Tanuku	UNIDO	94.6	\$320,899	\$41,717	\$362,616	3.39
Conversion of carbon tetrachloride (CTC) as process solvent to ethylene dichloride at Svis Labs Ltd., Ranipet	UNIDO	54.2	\$249,367	\$32,418	\$281,785	4.60
Conversion of carbon tetrachloride (CTC) as process solvent to ethylene dichloride at Satya Deeptha Pharmaceuticals Ltd., Humnabad	UNIDO	27.9	\$260,133	\$33,817	\$293,950	9.32
Total for India		839.5	\$3,718,719	\$442,710	\$4,161,429	
INDONESIA						
SEVERAL						
Institutional strengthening						
Extension of institutional strengthening project (Phase III)	UNDP		\$208,650	\$27,125	\$235,775	
Total for Indonesia			\$208,650	\$27,125	\$235,775	
IRAN						
FOAM						
Rigid						
Conversion from CFC-11 to HCFC-141b technology in the manufacture of rigid polyurethane foam at Nobough Industrial Co.	UNDP	31.8	\$248,736	\$32,336	\$281,072	7.83
Integral skin						
Conversion from CFC-11 to n-pentane technology in the manufacture of integral skin polyurethane foam products at Iran Polyurethane Manufacturing Co.	UNDP	51.8	\$796,230	\$97,585	\$893,815	15.38
SEVERAL						
Institutional strengthening						
Extension of the institutional strengthening project (Phase III)	UNDP		\$133,470	\$17,351	\$150,821	
Total for Iran		83.6	\$1,178,436	\$147,272	\$1,325,708	
JORDAN						
AEROSOL						
Filling plant						
Phase-out of CFC-12 in the manufacture of hair lacquers by conversion to hydrocarbon propellant at Jordan Tunisian Chemical Company	UNIDO	12.0	\$52,800	\$6,864	\$59,664	4.40

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Project	Support					
HALON						
Extinguisher/fixed system						
Terminal halon 1211 and halon 1301 phaseout umbrella project for fire equipment manufacturers and suppliers in Jordan converting to ABC powder, CO2, HFC-227ea and inert gases as substitutes	IBRD	421.8	\$563,000	\$71,930	\$634,930	1.33
<i>With the understanding that this is a terminal project for the halon sector in Jordan</i>						
Total for Jordan		433.8	\$615,800	\$78,794	\$694,594	
KENYA						
SEVERAL						
Institutional strengthening						
Renewal of institutional strengthening (Phase III)	UNDP		\$116,667	\$15,167	\$131,834	
Total for Kenya			\$116,667	\$15,167	\$131,834	
KOREA, DPR						
SEVERAL						
Institutional strengthening						
Renewal of institutional strengthening	UNEP		\$95,040	\$12,355	\$107,395	
Total for Korea, DPR			\$95,040	\$12,355	\$107,395	
LIBYA						
FOAM						
Flexible slabstock						
Phaseout of CFC-11 by conversion to methylene chloride (MC) in the manufacture of flexible polyurethane foam at Garabouli Unit	UNDP	40.3	\$109,810	\$14,275	\$124,085	2.72
Phaseout of CFC-11 by conversion to methylene chloride (MC) in the manufacture of flexible polyurethane foam at Ben Ghazi Unit	UNDP	31.4	\$124,860	\$16,232	\$141,092	3.98
Phaseout of CFC-11 by conversion to methylene chloride (MC) in the manufacture of flexible polyurethane foam at Sebha Unit	UNDP	26.0	\$128,097	\$16,653	\$144,750	4.93
Rigid						
Phasing out of CFC-11 in the manufacture of rigid polyurethane foam at Electrical Household Appliance-Tajura by conversion to a combination of water and HCFC-141b based systems	UNDP	15.3	\$119,802	\$15,574	\$135,376	7.83
Multiple-subsectors						
Project preparation in the foam sector	UNDP		\$30,000	\$3,900	\$33,900	
REFRIGERATION						
Domestic						
Phasing out ODS in the production of refrigerators and freezers at Electrical Household Appliances Manufacturing	UNIDO	53.4	\$558,113	\$71,392	\$629,505	10.45
SEVERAL						
Institutional strengthening						
Creation of the National Ozone Unit	UNIDO		\$157,000	\$20,410	\$177,410	
Total for Libya		166.4	\$1,227,682	\$158,436	\$1,386,118	

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Project			Project	Support		
MACEDONIA						
AEROSOL						
Filling plant						
Phase-out of CFC 11/12 in the manufacture of aerosols by conversion to HFC and hydrocarbon propellants at Alkaloid A.D.	UNIDO	25.0	\$110,000	\$14,300	\$124,300	4.40
FUMIGANT						
Methyl bromide						
Phase-out of methyl bromide in tobacco seedling and horticulture production sector	UNIDO	27.2	\$1,075,207	\$128,273	\$1,203,480	39.47
<i>UNIDO will disburse the funds approved in tranches according to the proposed methyl bromide phaseout schedule indicated in the agreement between the Government and the Committee; if Macedonia does not meet the reduction requirements outlined in the agreement, UNIDO will withhold funding for the subsequent tranche until such time as the required reduction has been met. Also, UNIDO will submit an annual progress report on the implementation of the project to the Fund Secretariat</i>						
Total for Macedonia		52.2	\$1,185,207	\$142,573	\$1,327,780	
MALAWI						
FUMIGANT						
Methyl bromide						
Phaseout of all non-essential and non-QPS methyl bromide (release of first tranche)	UNDP	110.9	\$400,000	\$52,000	\$452,000	27.03
<i>UNDP will disburse the funds approved in tranches according to the proposed methyl bromide phaseout schedule indicated in the agreement between the Government and the Committee; if Malawi does not meet the reduction requirements outlined in the agreement, UNDP will withhold funding for the subsequent tranche until such time as the required reduction has been met. Also, UNDP will submit an annual progress report on the implementation of the project to the Fund Secretariat</i>						
Total for Malawi		110.9	\$400,000	\$52,000	\$452,000	
MALAYSIA						
REFRIGERATION						
Commercial						
Replacement of refrigerant CFC-12 with HFC-134a and foam blowing agent CFC-11 with HCFC-141b in the manufacture of commercial refrigeration equipment at Tung Kiong Factories Sdn. Bhd.	UNIDO	18.9	\$202,075	\$26,270	\$228,345	10.72
Conversion from CFC-11 to HCFC-141b and from CFC-12 to HFC-134a technology in the manufacture of commercial refrigeration equipment at Three Enterprises	UNDP	34.9	\$505,184	\$65,570	\$570,754	14.49
Multiple-subsectors						
Conversion from CFC-11 to HCFC-141b and from CFC-12 to HFC-134a technology in the manufacture of commercial refrigeration equipment at Eleven Small and Medium-sized Enterprises	UNDP	64.8	\$960,658	\$115,672	\$1,076,330	15.21

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SEVERAL						
Institutional strengthening						
Extension of the institutional strengthening project (Phase IV)	UNDP		\$215,000	\$27,950	\$242,950	
Total for Malaysia		118.6	\$1,882,917	\$235,462	\$2,118,379	
MALI						
REFRIGERATION						
Refrigerant management plan						
Implementation of the RMP: monitoring the activities in the refrigerant management plan	UNDP		\$15,455	\$2,009	\$17,464	
Implementation of the RMP: national programme for recovery and recycling of refrigerants	UNDP	6.3	\$102,658	\$13,346	\$116,004	16.29
Total for Mali		6.3	\$118,113	\$15,355	\$133,468	
MONGOLIA						
REFRIGERATION						
Refrigerant management plan						
Implementation of the RMP: Training of custom officers, ODS inspectorate and NOU staff	UNEP		\$77,200	\$10,036	\$87,236	
Implementation of the RMP: Train the trainer programme for refrigeration service technicians	UNEP		\$65,970	\$8,576	\$74,546	
Total for Mongolia			\$143,170	\$18,612	\$161,782	
MOROCCO						
FOAM						
Rigid						
Phasing out of CFC-11 in the manufacture of rigid polyurethane foam at Interfer by conversion to a combination of water and HCFC-141b based systems	UNDP	10.1	\$78,973	\$10,266	\$89,239	7.83
Phasing out of CFC-11 in the manufacture of rigid polyurethane foam at Engequife by conversion to a combination of water and HCFC-141b based systems	UNDP	7.2	\$56,391	\$7,331	\$63,722	7.83
FUMIGANT						
Methyl bromide						
Phase out of methyl bromide for soil fumigation in strawberry production	UNIDO	155.0	\$2,189,729	\$250,870	\$2,440,599	14.13
<i>UNIDO will disburse the funds approved in tranches according to the proposed methyl bromide phase out schedule indicated in the agreement between the Government and the Committee; if Morocco does not meet the reduction requirements outlined in the agreement, UNIDO will withhold funding for the subsequent tranche of funding until such time as the required reduction has been met. Also, UNIDO will submit an annual progress report on the implementation of the project to the Fund Secretariat</i>						
REFRIGERATION						
Technical assistance/support						
Technical assistance for cold storage (training and demonstration project)	France		\$114,337	\$5,717	\$120,054	
<i>The project will part of the RMP project under current preparation</i>						
Total for Morocco		172.3	\$2,439,430	\$274,185	\$2,713,615	

List of projects and activities approved for funding

Project Title	Agency	ODP Tonnes	Funds Approved (US\$)		C.E.	
			Project	Support	Total	(US\$/kg)
NIGERIA						
FOAM						
Flexible slabstock						
Phasing out of CFC-11 in the manufacture of flexible slabstock foam at MAC-VICO (Nig.) Limited by conversion to methylene chloride	Japan	28.4	\$105,209	\$13,677	\$118,886	3.70
Phasing out of CFC-11 in the manufacture of flexible slabstock foam at Eastern Wrought Iron Limited by conversion to methylene chloride	Japan	27.1	\$109,345	\$14,215	\$123,560	4.03
Phasing out of CFC-11 in the manufacture of flexible slabstock foam at Martchem Industries Limited by conversion to methylene chloride	Japan	38.4	\$175,121	\$22,766	\$197,887	4.56
REFRIGERATION						
Commercial						
Replacement of refrigerant CFC-12 with HFC-134a, and foam blowing agent CFC-11 with HCFC-141b in the manufacture of commercial refrigeration equipment at Akocen Nigeria Ltd.	UNIDO	12.1	\$157,894	\$20,526	\$178,420	13.03
Replacement of refrigerant CFC-12 with HFC-134a and foam blowing agent CFC-11 with HCFC-141b in the manufacture of commercial refrigeration equipment at Coldcare Nigeria Ltd.	UNIDO	11.4	\$173,200	\$22,516	\$195,716	15.15
Multiple-subsectors						
Replacement of refrigerant CFC-12 with HFC-134a, and foam blowing agent CFC-11 with HCFC-141b in the manufacture of commercial refrigeration equipment at Bosmak Nigeria Ltd.	UNIDO	10.8	\$154,245	\$20,052	\$174,297	14.32
Technical assistance/support						
Technical assistance to prepare a refrigeration management plan (RMP)	UNDP		\$100,000	\$13,000	\$113,000	
Total for Nigeria		128.2	\$975,014	\$126,752	\$1,101,766	
OMAN						
SEVERAL						
Institutional strengthening						
Creation of the National Ozone Unit	UNIDO		\$79,000	\$10,270	\$89,270	
Total for Oman			\$79,000	\$10,270	\$89,270	
PAKISTAN						
REFRIGERATION						
Commercial						
Conversion from CFC-11 to HCFC-141b and from CFC-12 to HFC-134a technology in the manufacture of commercial refrigeration equipment at Pakistan Airconditioning Engineering Co. P. Ltd. (PAECO)	IBRD	19.7	\$176,681	\$22,969	\$199,650	8.95
Multiple-subsectors						
Conversion from CFC-11 to HCFC-141b and from CFC-12 to HFC-134a technology in the manufacture of commercial refrigeration equipment at Mumtaz Engineers	IBRD	13.9	\$204,736	\$26,616	\$231,352	14.69
Total for Pakistan		33.7	\$381,417	\$49,584	\$431,001	

List of projects and activities approved for funding

Project Title	Agency	ODP Tonnes	Funds Approved (US\$)		C.E. Total (US\$/kg)
Project			Project	Support	
PARAGUAY					
REFRIGERATION					
Refrigerant management plan					
Implementation of the RMP: Train of trainers and training of refrigeration service technicians	UNEP		\$168,020	\$21,843	\$189,863
Implementation of the RMP: Monitoring and control of ODS and ODS based equipment, and training of customs officers and other inspection officers	UNEP		\$44,920	\$5,840	\$50,760
Implementation of the RMP: Policy dialogue programme on complementary policy and enforcement	UNEP		\$10,000	\$1,300	\$11,300
Implementation of the RMP: national programme for recovery and recycling of CFC-12 refrigerant	UNDP	23.0	\$285,158	\$37,071	\$322,229 12.37
SEVERAL					
Institutional strengthening					
Renewal of institutional strengthening	UNEP		\$44,200	\$5,746	\$49,946
Total for Paraguay		23.0	\$552,298	\$71,799	\$624,097
SRI LANKA					
REFRIGERATION					
Refrigerant management plan					
Implementation of the RMP: monitoring the activities	UNDP		\$15,455	\$2,009	\$17,464
Implementation of the RMP: Train the trainers and training of refrigeration service technicians including	UNEP		\$219,000	\$28,470	\$247,470
Implementation of the RMP: Customs training programme	UNEP		\$87,000	\$11,310	\$98,310
Implementation of the RMP: Incentive programme for the commercial and industrial end-user refrigeration	UNDP	5.0	\$250,000	\$32,500	\$282,500 50.00
Total for Sri Lanka		5.0	\$571,455	\$74,289	\$645,744
SYRIA					
AEROSOL					
Filling plant					
Phase-out of CFC-12 in the manufacture of insecticides by conversion to hydrocarbon propellant at Cheikh Ghazal Insecticide Plant	UNIDO	36.0	\$87,298	\$11,349	\$98,647 2.42
Phase-out of CFC-12 in the manufacture of hair lacquers by conversion to hydrocarbon propellant at Mahmoud Hamida	UNIDO	10.5	\$46,200	\$6,006	\$52,206 4.40
Phase-out of CFC-11 and 12 in the manufacture of hair lacquers by conversion to hydrocarbon propellant at Badran and Co.	UNIDO	15.6	\$68,640	\$8,923	\$77,563 4.40
Phase-out of CFC-11 and 12 in the manufacture of hair sprays by conversion to hydrocarbon propellant at Khadji and Zahka	UNIDO	11.0	\$48,400	\$6,292	\$54,692 4.40
FOAM					
Rigid					
Conversion from CFC-11 to HCFC-141b in the production of rigid foam panels at Bassam Baghdad	UNIDO		16.4	\$126,862	\$16,492\$143,3547.73

List of projects and activities approved for funding

Project Title	Agency	ODP Tonnes	Funds Approved Project	Approved (US\$) Support	C.E. Total (US\$/kg)	
FUMIGANT						
Preparation of project proposal						
Project preparation/technical assistance in soil fumigants (methyl bromide)	Germany		\$37,200	\$4,836	\$42,036	
REFRIGERATION						
Commercial						
Conversion from CFC-11 to HCFC-141b technology and from CFC-12 to HFC-134a technology in the manufacture of commercial refrigeration equipment at Al-Raed Refrigeration	UNDP	13.9	\$211,800	\$27,534	\$239,334	15.21
Total for Syria		103.4	\$626,400	\$81,432	\$707,832	
THAILAND						
FOAM						
Rigid						
Conversion from CFC-11 to HCFC-141b technology in the manufacture of rigid polyurethane foam (sprayfoam and blocks) at Isotech	IBRD	22.7	\$144,943	\$18,843	\$163,786	6.38
HALON						
Extinguisher/fixed system						
Terminal halon 1211 and halon 1301 phaseout project for fire equipment manufacturers and suppliers in Thailand converting to ABC powder, CO2, HFC-227ea and inert gases	IBRD	436.0	\$568,000	\$72,480	\$640,480	1.30
REFRIGERATION						
Commercial						
Umbrella project to convert CFC-12 commercial refrigeration to HCFC-134a, and CFC-11 to HCFC-141b as the blowing agent for foam insulation at 224 small and medium sized enterprises	IBRD	200.0	\$881,486	\$106,963	\$988,449	13.15
Subject to the following conditions: (a) that no more funding will be requested for conversion of manufacturers of domestic and commercial refrigeration equipment in Thailand; and (b) that starting from January 2001 onwards, the ODP consumption data in the refrigeration sector reported by Thailand will take into account a reduction of 200 ODP tonnes resulting from the phase out achieved by this project						
Total for Thailand		658.7	\$1,594,429	\$198,286	\$1,792,715	
TRINIDAD AND TOBAGO						
SEVERAL						
Institutional strengthening						
Renewal of institutional strengthening (Phase II)	UNDP		\$44,000	\$5,720	\$49,720	
Total for Trinidad and Tobago			\$44,000	\$5,720	\$49,720	
TUNISIA						
FOAM						
Rigid						
Phasing out of CFC-11 in the manufacture of rigid polyurethane foam at Societe de Construction Industrialisee (SCI) by conversion to a combination of water and HCFC-141b based systems	IBRD	8.3	\$64,700	\$8,411	\$73,111	7.70

List of projects and activities approved for funding

Project Title	Agency	ODP Tonnes	Funds Approved (US\$)		C.E. Total (US\$/kg)	
Project	Support					
Phasing out of CFC-11 in the manufacture of rigid polyurethane foam at Societe Nouvelle de Coupe Industrielle (SNCI) by conversion to a combination of water and HCFC-141b based systems	IBRD	20.3	\$156,235	\$20,311	\$176,546	7.78
Phasing out of CFC-11 in the manufacture of rigid polyurethane foam at Bafes by conversion to a combination of water and HCFC-141b based systems	IBRD	11.7	\$91,477	\$11,892	\$103,369	7.83
Phasing out of CFC-11 in the manufacture of rigid polyurethane foam at Coldeq by conversion to a combination of water and HCFC-141b based systems	IBRD	8.8	\$68,917	\$8,959	\$77,876	7.83
Phasing out of CFC-11 in the manufacture of rigid polyurethane foam at Soften by conversion to a combination of water and HCFC-141b based systems	IBRD	7.5	\$59,079	\$7,680	\$66,759	7.83
Total for Tunisia		56.6	\$440,408	\$57,253	\$497,661	
TURKEY						
FOAM						
Rigid						
Phase-out of CFC-11 consumption by conversion to HCFC-141b technology at Purtiz Co. in the manufacture of rigid polyurethane foam for insulating purposes	UNIDO	52.8	\$301,094	\$39,142	\$340,236	5.70
Integral skin						
Conversion from CFC-11 into all-water technology for flexible molded and integral skin foams at Urosan	IBRD	39.5	\$291,641	\$37,913	\$329,554	7.38
Umbrella project. Conversion from CFC-11 into all-water technology for flexible molded and HCFC-141b for integral skin foams at 11 enterprises	IBRD	48.5	\$398,378	\$51,789	\$450,167	8.21
SEVERAL						
Institutional strengthening						
Renewal of institutional strengthening	IBRD		\$200,000	\$26,000	\$226,000	
Total for Turkey		140.8	\$1,191,113	\$154,845	\$1,345,958	
VENEZUELA						
REFRIGERATION						
Commercial						
Phasing out CFC-12 with HFC-134a and CFC-11 with HCFC-141b at seven commercial refrigeration companies (umbrella project)	UNIDO	32.3	\$403,590	\$52,467	\$456,057	12.48
Total for Venezuela		32.3	\$403,590	\$52,467	\$456,057	
WESTERN SAMOA						
REFRIGERATION						
Refrigerant management plan						
Implementation of the RMP: Training of customs officials and NOU staff	UNEP		\$53,500	\$6,955	\$60,455	
Implementation of the RMP: Training of refrigeration service technicians	UNEP		\$48,800	\$6,344	\$55,144	
Total for Western Samoa			\$102,300	\$13,299	\$115,599	

List of projects and activities approved for funding

Project Title	Agency	ODP Tonnes	Funds Approved (US\$)		C.E. Total (US\$/kg)
Project			Project	Support	
REGION: AFR					
REFRIGERATION					
Technical assistance/support					
Refrigeration and global environment evaluation of equipment modernization study	France		\$15,000	\$750	\$15,750
<i>The resources would be used only for ozone-related issues; the results of the study would be made available to the Committee as well as to the countries involved; and no further funding would be requested from the Multilateral Fund as a result of the study, unless such requests were fully consistent with decision 31/48 and all other Executive Committee requirements</i>					
SEVERAL					
Network					
African regional network (French-speaking, English-speaking) (2001) (WP 2001)	UNEP		\$464,000	\$60,320	\$524,320
Total for Region: AFR			\$479,000	\$61,070	\$540,070
REGION: ASP					
SEVERAL					
Network					
West Asian regional network (2001) (WP 2001)	UNEP		\$124,000	\$16,120	\$140,120
South East Asia and the Pacific and South Asia regional networks (2001) (WP 2001)	UNEP		\$225,000	\$29,250	\$254,250
Total for Region: ASP			\$349,000	\$45,370	\$394,370
REGION: LAC					
SEVERAL					
Network					
South American, Central American, and the Caribbean regional networks (2001) (WP 2001)	UNEP		\$429,000	\$55,770	\$484,770
Total for Region: LAC			\$429,000	\$55,770	\$484,770
GLOBAL					
SEVERAL					
Preparation of project proposal					
Project preparation advance (2001)	UNIDO		\$139,500	\$18,135	\$157,635
Project preparation advance (2001)	UNDP		\$200,000	\$26,000	\$226,000
Technical assistance/support					
Prioritized sectoral data from worldwide sources in 2001 (WP 2001)	UNEP		\$121,000	\$15,730	\$136,730
Advisory and expert group meetings for 2001 (WP 2001)	UNEP		\$75,000	\$9,750	\$84,750
Translation, in French and Spanish, of the approved manual on Customs Officer Training on Substances that Deplete the Ozone Layer	Canada		\$36,000	\$1,440	\$37,440
Training programme/workshop					
Global enabling activity for customs training	UNEP		\$165,400	\$21,502	\$186,902
Support to national activities for 2001 (WP 2001)	UNEP		\$30,000	\$3,900	\$33,900

List of projects and activities approved for funding

Project Title	Agency	ODP Tonnes	Funds Approved (US\$)		C.E. Total (US\$/kg)
			Project	Support	
Information exchange					
Publish the OzonAction newsletter and special supplements in 2001 (WP 2001)	UNEP		\$280,000	\$36,400	\$316,400
Regional awareness raising and South-South assistance (WP 2001)	UNEP		\$191,000	\$24,830	\$215,830
Provide direct query-response service in 2001 (WP 2001)	UNEP		\$86,000	\$11,180	\$97,180
Deliver OzonAction Newsletter and other information through world wide web home page site in 2001 (WB 2001)	UNEP		\$40,000	\$5,200	\$45,200
Maintain contact database of experts and mailing list for OzonAction programme publications in 2001 (WP 2001)	UNEP		\$45,000	\$5,850	\$50,850
Provide international halon bank management information clearinghouse services in 2001 (WP 2001)	UNEP		\$76,000	\$9,880	\$85,880
Conduct outreach at conferences and workshops in 2001 (WP 2001)	UNEP		\$55,000	\$7,150	\$62,150
Disseminate awareness material, technical, and policy information in 2001 (WP 2001)	UNEP		\$346,000	\$44,980	\$390,980
Programme administration					
Travel for 2001 (WP 2001)	UNEP		\$75,000	\$9,750	\$84,750
Total for Global			\$1,960,900	\$251,677	\$2,212,577
GRAND TOTAL		7,555.1	\$45,488,152	\$5,505,104	\$50,993,256

Summary

Sector	Tonnes ODP	Funds Approved (US\$)		
		Project	Support	Total
BILATERAL COOPERATION				
Foam	268.9	\$1,449,454	\$187,202	\$1,636,656
Fumigant		\$37,200	\$4,836	\$42,036
Halon	427.3	\$491,400	\$24,570	\$515,970
Refrigeration		\$721,233	\$128,914	\$850,147
Several		\$36,000	\$1,440	\$37,440
TOTAL:	696.2	\$2,735,287	\$346,962	\$3,082,249
INVESTMENT PROJECT				
Aerosol	110.1	\$413,338	\$53,734	\$467,072
Foam	1,971.7	\$10,685,397	\$1,321,523	\$12,006,920
Fumigant	369.3	\$4,469,936	\$529,693	\$4,999,629
Halon	3,000.8	\$6,036,000	\$647,060	\$6,683,060
Other	90.0	\$2,000,000	\$180,000	\$2,180,000
Refrigeration	1,070.6	\$11,274,909	\$1,398,228	\$12,673,137
Process agent	246.4	\$976,265	\$131,291	\$1,107,556
TOTAL:	6,858.9	\$35,855,845	\$4,261,529	\$40,117,374
WORK PROGRAMME AMENDMENT				
Foam		\$30,000	\$3,900	\$33,900
Refrigeration		\$1,175,870	\$152,863	\$1,328,733
Several		\$5,691,150	\$739,850	\$6,431,000
TOTAL:		\$6,897,020	\$896,613	\$7,793,633
Summary by Parties and Implementing Agencies				
Australia	213.6	\$245,700		\$245,700
Canada	213.6	\$552,600	\$61,227	\$613,827
France		\$129,337	\$6,467	\$135,804
Germany	175.0	\$1,347,179	\$173,906	\$1,521,085
Japan	93.9	\$389,675	\$96,158	\$485,833
Switzerland		\$70,796	\$9,204	\$80,000
IBRD	2,654.9	\$8,595,468	\$972,161	\$9,567,629
UNDP	2,163.1	\$13,499,039	\$1,716,237	\$15,215,276
UNEP		\$4,853,173	\$630,912	\$5,484,085
UNIDO	2,040.9	\$15,805,185	\$1,838,831	\$17,644,016
GRAND TOTAL	7,555.1	\$45,488,152	\$5,505,104	\$50,993,256