

LIST OF PROJECTS AND ACTIVITIES APPROVED FOR FUNDING

UNEP/OzL.Pro/ExCom/27/48

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Project Title	Agency	ODP Tonnes	Funds Approved (US\$)			C.E. (US\$/kg)
Project			Project	Support	Total	
ALGERIA						
AEROSOL						
Preparation of project proposal						
Project preparation in the aerosol sector	UNIDO		\$15,000	\$1,950	\$16,950	
FOAM						
Flexible						
Phasing out of CFC-11 by conversion to methylene chloride in the manufacture of flexible polyurethane foam at Matelas Atlas (Sam Atlas)	UNIDO	22.0	\$120,060	\$15,608	\$135,668	5.46
Phasing out of CFC-11 by conversion to methylene chloride in the manufacture of flexible polyurethane foam at King's Matelas	UNIDO	20.0	\$110,179	\$14,323	\$124,502	5.51
Preparation of project proposal						
Project preparation in the foam sector (flexible)	UNIDO		\$18,000	\$2,340	\$20,340	
REFRIGERATION						
Preparation of project proposal						
Project preparation in the commercial refrigeration sector (commercial)	UNIDO		\$15,000	\$1,950	\$16,950	
SEVERAL						
Institutional strengthening						
Renewal of Institutional strengthening	UNEP		\$90,010	\$11,701	\$101,711	
Total for Algeria		42.0	\$368,249	\$47,872	\$416,121	
ARGENTINA						
FOAM						
Multiple-subsectors						
Phaseout of CFC-11 by conversion to HCFC-141b technology in the manufacture of rigid polyurethane foam in panels for thermal insulation at Arneg Raffo	IBRD	67.0	\$177,960	\$23,135	\$201,095	2.66
Preparation of project proposal						
Preparation of an umbrella project and three other projects in the rigid foam subsector	UNDP		\$40,000	\$5,200	\$45,200	
Preparation of two projects in the integral skin foam subsector	UNDP		\$20,000	\$2,600	\$22,600	
Project preparation in the foam sector (general)	UNIDO		\$40,000	\$5,200	\$45,200	
FUMIGANT						
Preparation of project proposal						
Formulation of investment project in the methyl bromide sector (flowers)	UNIDO		\$40,000	\$5,200	\$45,200	
Formulation of investment project in the methyl bromide sector (strawberries, tomatoes)	UNIDO		\$40,000	\$5,200	\$45,200	

Project Title	Agency	ODP Tonnes	Funds Approved (US\$)			C.E. (US\$/kg)
Project			Project	Support	Total	
REFRIGERATION						
Preparation of project proposal						
Preparation of a project in the commercial refrigeration subsector	UNDP		\$20,000	\$2,600	\$22,600	
STERILANTS						
Ethylene oxide						
Elimination of CFCs in sterilization via ETO at Asisthos SRL	IBRD	20.7	\$395,095	\$51,362	\$446,457	19.10
<i>Approved on the understanding that a period of three years would be used for the calculation of incremental operating savings</i>						
SEVERAL						
Preparation of project proposal						
Preparation of investment projects in the refrigeration and solvent cleaning sectors	IBRD		\$16,000	\$2,080	\$18,080	
Total for Argentina		87.7	\$789,055	\$102,577	\$891,632	
BAHAMAS						
MULTI-SECTOR						
Preparation of project proposal						
Preparation of a terminal phaseout plan	UNEP		\$25,000	\$3,250	\$28,250	
<i>Approved on the understanding that any project-preparation funding not required would be returned to the Multilateral Fund</i>						
Total for Bahamas			\$25,000	\$3,250	\$28,250	
BAHRAIN						
REFRIGERATION						
Preparation of project proposal						
Preparation of two project proposals in the commercial refrigeration subsector	UNDP		\$20,000	\$2,600	\$22,600	
<i>UNDP should submit relevant amendments to the country programme sheets containing updated data on sectoral consumption either prior to, or with, the project proposal</i>						
Total for Bahrain			\$20,000	\$2,600	\$22,600	
BENIN						
FOAM						
Preparation of project proposal						
Preparation of two projects in the general foam subsector	UNDP		\$15,000	\$1,950	\$16,950	
REFRIGERATION						
Preparation of project proposal						
Preparation of a refrigerant management plan	UNEP		\$30,000	\$3,900	\$33,900	
Total for Benin			\$45,000	\$5,850	\$50,850	

Project Title	Agency	ODP Tonnes	Funds Approved (US\$)			C.E. (US\$/kg)
Project			Project	Support	Total	
BOLIVIA						
FUMIGANT						
Preparation of project proposal						
Preparation of a methyl bromide alternative project in soil fumigation (cotton and soy)	UNDP		\$20,000	\$2,600	\$22,600	
<i>The proposal would take the form of a phase-out project with only a small demonstration component</i>						
Total for Bolivia			\$20,000	\$2,600	\$22,600	
BOSNIA AND HERZEGOVINA						
SEVERAL						
Institutional strengthening						
Establishment of an Ozone Secretariat	UNIDO		\$110,000	\$14,300	\$124,300	
Total for Bosnia and Herzegovina			\$110,000	\$14,300	\$124,300	
BRAZIL						
AEROSOL						
Preparation of project proposal						
Project preparation in the aerosol sector	UNIDO		\$30,000	\$3,900	\$33,900	
FOAM						
Rigid						
Conversion from CFC-11 to HCFC-141b technology in the manufacture of rigid polyurethane foam at Farage	UNDP	10.9	\$52,770	\$6,860	\$59,630	4.84
Conversion from CFC-11 to HCFC-141b technology in the manufacture of rigid polyurethane foam at Posmovil	UNDP	9.1	\$44,700	\$5,811	\$50,511	4.91
Conversion from CFC-11 to HCFC-141b technology in the manufacture of rigid polyurethane boxfoam at Conter	UNDP	10.9	\$85,347	\$11,095	\$96,442	7.83
Integral skin						
Phaseout of CFC-11 by conversion to water-blown technology in the manufacture of integral skin foams (microcellular) at Caloi	UNDP	41.0	\$227,600	\$29,588	\$257,188	5.55
Phaseout of CFC-11 by conversion to HCFC-141b technology in the manufacture of integral skin foams at Spandy	UNDP	17.8	\$261,400	\$33,982	\$295,382	14.68
Preparation of project proposal						
Preparation of four projects in general foam sector	UNDP		\$30,000	\$3,900	\$33,900	
Preparation of six projects in the rigid foam subsector	UNDP		\$30,000	\$3,900	\$33,900	
Project preparation in the foam sector (general)	UNIDO		\$50,000	\$6,500	\$56,500	
Preparation of five projects in integral skin foam subsector	UNDP		\$35,000	\$4,550	\$39,550	
FUMIGANT						
Preparation of project proposal						
Project preparation in the fumigant/methyl bromide sector (tobacco)	UNIDO		\$50,000	\$6,500	\$56,500	

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Project Title	Agency	ODP Tonnes	Funds Approved (US\$)			C.E. (US\$/kg)
Project			Project	Support	Total	
REFRIGERATION						
Commercial						
Phaseout of CFC-11 and CFC-12 by conversion to HCFC-141b technology (foam) and HFC-134a -134a technology (refrigerant) in the manufacture of refrigerated truck trailers at Artica	UNDP	22.3	\$183,623	\$23,871	\$207,494	8.23
Preparation of project proposal						
Preparation of four projects in the commercial refrigeration subsector	UNDP		\$40,000	\$5,200	\$45,200	
Preparation of a project in the domestic refrigeration sector	UNDP		\$15,000	\$1,950	\$16,950	
Project preparation in the commercial refrigeration sector for four companies	UNIDO		\$40,000	\$5,200	\$45,200	
Total for Brazil		112.0	\$1,175,440	\$152,807	\$1,328,247	
BURKINA FASO						
SEVERAL						
Institutional strengthening						
Renewal of institutional strengthening	UNEP		\$55,700	\$7,241	\$62,941	
Total for Burkina Faso			\$55,700	\$7,241	\$62,941	
CENTRAL AFRICAN REPUBLIC						
REFRIGERATION						
Preparation of project proposal						
Preparation of a refrigerant management plan	UNEP		\$30,000	\$3,900	\$33,900	
Total for Central African Republic			\$30,000	\$3,900	\$33,900	
CHAD						
REFRIGERATION						
Preparation of project proposal						
Preparation of a project in refrigerant recovery/recycling and RMP preparation	UNDP		\$25,000	\$3,250	\$28,250	
Total for Chad			\$25,000	\$3,250	\$28,250	
CHILE						
REFRIGERATION						
Refrigerant management plan						
Refrigerant management plan formulation project	Canada		\$33,900		\$33,900	
<i>Approved as one of three trial projects for non-low-volume-consuming countries</i>						
Total for Chile			\$33,900		\$33,900	
CHINA						
FOAM						
Flexible						
Conversion of PU slabstock manufacture from CFC-11 to liquid carbon dioxide technology in Putuo Zhujiajian Rubber and Plastic Plant	IBRD	112.0	\$525,483	\$67,803	\$593,286	4.69

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Project Title	Agency	ODP Tonnes	Funds Approved (US\$)			C.E. (US\$/kg)
			Project	Support	Total	
Conversion of PU slabstock manufacture from CFC-11 to liquid carbon dioxide technology in Xiaoshan Polyurethane Foam Plant	IBRD	111.0	\$603,058	\$76,336	\$679,394	5.43
Conversion of PU slabstock manufacture from CFC-11 to liquid carbon dioxide technology at Handan Fuyang Chemical Corporation	IBRD	70.0	\$436,100	\$56,693	\$492,793	6.23
Conversion of PU slabstock manufacture from CFC-11 to liquid carbon dioxide technology at Chengdu Jinjiang Foam General Plant	IBRD	89.0	\$554,470	\$70,992	\$625,462	6.23
Conversion of PU slabstock manufacture from CFC-11 to liquid carbon dioxide technology at Shanghai Shenyin Polyurethane Baoshan Plant	IBRD	76.0	\$473,480	\$61,552	\$535,032	6.23
Conversion of PU slabstock manufacture from CFC-11 to liquid carbon dioxide technology at Henan Huojia Huashi Co.	IBRD	109.5	\$583,186	\$74,150	\$657,336	6.23
Conversion of PU slabstock manufacture from CFC-11 to liquid carbon dioxide technology at Shenyin Polyurethane Xinzhuang Plant	IBRD	86.1	\$536,403	\$69,004	\$605,407	6.23
Conversion of PU slabstock manufacture from CFC-11 to liquid carbon dioxide technology at Jiangsu Haimen Foam plant	IBRD	73.0	\$454,790	\$59,123	\$513,913	6.23
Rigid						
Phaseout of CFC-11 in the manufacture of rigid polyurethane foam through the use of HCFC-141b at Zhenjiang Commercial Refrigeration Equipment General Plant	IBRD	30.8	\$145,376	\$18,899	\$164,275	4.72
Phaseout of CFC-11 in the manufacture of rigid polyurethane foam through the use of HCFC-141b at Qingdao Changlong Commercial Machinery Co. Ltd.	IBRD	57.7	\$451,791	\$58,733	\$510,524	7.83
Phaseout of CFC-11 in the manufacture of rigid polyurethane foam through the use of HCFC-141b at Shanghai Haiou Electric Appliance General Factory	IBRD	33.3	\$261,052	\$33,937	\$294,989	7.83
Phase-out of CFC-11 in the manufacture of rigid polyurethane foam through the use of water blown technology at Nanjing Kanglian Industrial Corporation	UNDP	30.0	\$234,900	\$30,537	\$265,437	7.83
Preparation of project proposal						
Preparation of 16 projects in general foam subsector	UNDP		\$100,000	\$13,000	\$113,000	
Preparation of ten projects in the integral skin foam subsector	UNDP		\$75,000	\$9,750	\$84,750	
Preparation of investment project in the foam sector (rigid polyurethane)	UNIDO		\$50,000	\$6,500	\$56,500	
REFRIGERATION						
Domestic						
Elimination of CFC-11 and CFC-12 in the manufacture of domestic refrigerators and freezers at China Aerospace Industry Corp. Kunming Refrigerator Factory	Germany	93.5	\$1,451,137		\$1,451,137	9.02

Project Title	Agency	ODP Tonnes	Funds Approved (US\$)			C.E. (US\$/kg)
Project			Project	Support	Total	
SEVERAL						
Preparation of project proposal						
Preparation of projects in the foam, commercial refrigeration and CFC production sectors	IBRD		\$300,000	\$39,000	\$339,000	
Document/video/diskette						
Development of policy training strategy and plan for local authorities	UNEP		\$50,000	\$6,500	\$56,500	
Total for China		972.0	\$7,286,226	\$752,510	\$8,038,736	
COLOMBIA						
SEVERAL						
Preparation of project proposal						
Preparation of projects in the foam, commercial refrigeration and solvent sectors	IBRD		\$38,000	\$4,940	\$42,940	
<i>Approved on condition that grant agreement is finalized in advance of project submission</i>						
Total for Colombia			\$38,000	\$4,940	\$42,940	
COMOROS						
REFRIGERATION						
Preparation of project proposal						
Preparation of a refrigerant management plan	UNEP		\$30,000	\$3,900	\$33,900	
<i>Approved with the understanding that the refrigerant management plan would be presented in the form of an update to the country programme</i>						
Total for Comoros			\$30,000	\$3,900	\$33,900	
CONGO						
REFRIGERATION						
Preparation of project proposal						
Preparation of a refrigerant management plan	UNEP		\$30,000	\$3,900	\$33,900	
Total for Congo			\$30,000	\$3,900	\$33,900	
CONGO, DR						
SEVERAL						
Institutional strengthening						
Creation of an Ozone Office	UNEP		\$32,270	\$4,195	\$36,465	
<i>Approved initially for one year in order to obtain data inputs needed for the completion of the country programme and RMP</i>						
Total for Congo, DR			\$32,270	\$4,195	\$36,465	
COSTA RICA						
FUMIGANT						
Methyl bromide						
Alternatives to methyl bromide for soil fumigation on Costa Rican cut flowers	UNDP		\$193,500	\$25,155	\$218,655	
Alternatives to methyl bromide for soil fumigation on Costa Rican melons	UNDP		\$180,500	\$23,465	\$203,965	

Project Title	Agency	ODP Tonnes	Funds Approved (US\$)			C.E. (US\$/kg)
			Project	Support	Total	
REFRIGERATION						
Commercial						
Phaseout of CFC-11 and CFC-12 by conversion to HCFC-141b and HFC-134a respectively in the manufacture of commercial refrigeration equipment at Quena S.A.	UNDP	9.9	\$219,430	\$28,526	\$247,956	22.21
Phaseout of CFC-11 and CFC-12 by conversion to HCFC-141b and HFC-134a respectively in the manufacture of commercial refrigeration equipment at Refrigeracion Omega S.A.	UNDP	4.3	\$159,883	\$20,785	\$180,668	36.92
Phaseout of CFC-11 and CFC-12 by conversion to HCFC-141b and HFC-134a respectively in the manufacture of commercial refrigeration equipment at Refrigeracion Wimmer Hnos, S.A.	UNDP	4.6	\$186,217	\$24,208	\$210,425	41.32
Phaseout of CFC-11 and CFC-12 by conversion to HCFC-141b and HFC-134a respectively in the manufacture of commercial refrigeration equipment at Refrigeracion Hermanos Gonzalez S.A.	UNDP	4.4	\$185,168	\$24,072	\$209,240	41.79
SEVERAL						
Institutional strengthening						
Renewal of institutional strengthening project for the phaseout of ozone depleting substance under the Montreal Protocol (Phase III)	UNDP	213.9	\$108,087	\$14,051	\$122,138	
Total for Costa Rica		237.2	\$1,232,785	\$160,262	\$1,393,047	
COTE D'IVOIRE						
FUMIGANT						
Preparation of project proposal						
Preparation of a project for stored commodities (cocoa beans)	UNIDO		\$25,000	\$3,250	\$28,250	
<i>Approved on the condition that no funds should be disbursed until the Government had indicated its intention to complete ratification of the Amendment within a nine month time frame</i>						
SEVERAL						
Document/video/diskette						
Documentary on traffic in second-hand refrigerators	France		\$12,000		\$12,000	
Total for Cote D'Ivoire			\$37,000	\$3,250	\$40,250	
DOMINICAN REPUBLIC						
FOAM						
Preparation of project proposal						
Preparation of a project in the general foam subsector	UNDP		\$20,000	\$2,600	\$22,600	
Total for Dominican Republic			\$20,000	\$2,600	\$22,600	

Project Title	Agency	ODP Tonnes	Funds Approved (US\$)		C.E. (US\$/kg)
			Project	Support	Total
ECUADOR					
SEVERAL					
Preparation of project proposal					
Preparation of investment projects in the foam and commercial refrigeration sectors	IBRD		\$24,000	\$3,120	\$27,120
<i>Approved on condition that project is submitted in context of RMP developed by the Government</i>					
	Total for Ecuador		\$24,000	\$3,120	\$27,120
EGYPT					
REFRIGERATION					
Preparation of project proposal					
Development of a refrigerant management plan	Germany		\$28,700		\$28,700
<i>Approved as one of three trial projects for non-low-volume-consuming countries</i>					
SOLVENT					
Preparation of project proposal					
Project preparation in the solvent sector (TCA)	UNIDO		\$15,000	\$1,950	\$16,950
SEVERAL					
Preparation of project proposal					
Renewal of institutional strengthening project for the Montreal Protocol related activities (Phase III)	UNIDO		\$175,000	\$22,750	\$197,750
	Total for Egypt		\$218,700	\$24,700	\$243,400
GEORGIA					
SEVERAL					
Technical assistance/support					
Promoting compliance with the Montreal Protocol in countries with economies in transition (CEITs)	Canada		\$33,900		\$33,900
	Total for Georgia		\$33,900		\$33,900
GHANA					
REFRIGERATION					
Technical assistance/support					
Technical assistance in air conditioning	France		\$31,500		\$31,500
<i>Approved on the understanding that care would be taken to avoid duplication with other similar activities</i>					
	Total for Ghana		\$31,500		\$31,500
GUATEMALA					
REFRIGERATION					
Refrigerant management plan					
Implementation of the RMP: Licensing system	UNEP		\$10,000	\$1,300	\$11,300
Implementation of the RMP: Custom officers training programme	UNEP		\$34,000	\$4,420	\$38,420
<i>No funds should be disbursed until either the relevant legislation was already in place or until substantial progress had been made towards promulgating such legislation</i>					

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Project Title	Agency	ODP Tonnes	Funds Approved (US\$)			C.E. (US\$/kg)
			Project	Support	Total	
Implementation of the RMP: Code of good practices in refrigeration	UNEP		\$10,000	\$1,300	\$11,300	
Total for Guatemala			\$54,000	\$7,020	\$61,020	
INDIA						
AEROSOL						
Preparation of project proposal						
Preparation of two projects in aerosol sector	UNDP		\$15,000	\$1,950	\$16,950	
FOAM						
Rigid						
Conversion from CFC-11 to HCFC-141b technology in the manufacture of rigid polyurethane foam insulated thermoware at Bansal Plastic Industries	UNDP	20.4	\$68,829	\$8,948	\$77,777	3.37
Conversion from CFC-11 to HCFC-131b technology in the manufacture of rigid polyurethane foam insulation products at Baba Insulator	UNDP	14.4	\$59,096	\$7,682	\$66,778	4.11
Conversion from CFC-11 to HCFC-141b technology in the manufacture of rigid polyurethane foam insulated thermoware at Shree Nath Plastics	UNDP	13.9	\$61,370	\$7,978	\$69,348	4.60
Conversion from CFC-11 to HCFC-141b technology in the manufacture of rigid polyurethane foam insulation at R.S. Insulators	UNDP	10.3	\$54,800	\$7,124	\$61,924	5.30
Conversion from CFC-11 to HCFC-141b technology in the manufacture of rigid polyurethane foam in situ and spray insulation at P.K. Construction Co.	UNDP	10.6	\$74,172	\$9,642	\$83,814	6.98
Conversion from CFC-11 to HCFC-141b technology in the manufacture of rigid polyurethane foam insulated thermoware at Ganga Thermoware	UNDP	10.1	\$78,864	\$10,252	\$89,116	7.83
Preparation of project proposal						
Preparation of seven projects in rigid foam subsector	UNDP		\$25,000	\$3,250	\$28,250	
Preparation of ten projects in general foam subsector	UNDP		\$50,000	\$6,500	\$56,500	
REFRIGERATION						
Domestic						
Elimination of CFCs in the manufacture of domestic refrigerators at Whirlpool of India Ltd.	IBRD	200.6	\$675,165	\$84,268	\$759,433	3.36
Preparation of project proposal						
Preparation of five projects in the commercial refrigeration subsector	UNDP		\$35,000	\$4,550	\$39,550	
SOLVENT						
Preparation of project proposal						
Preparation of investment project in the solvent sector	UNIDO		\$10,000	\$1,300	\$11,300	

Project Title	Agency	ODP Tonnes	Funds Approved (US\$)			C.E. (US\$/kg)
			Project	Support	Total	
SEVERAL						
Institutional strengthening						
Renewal of Institutional strengthening project for the phaseout of ozone depleting substance under the Montreal Protocol : Phase 3	UNDP	1,624.4	\$287,100	\$37,323	\$324,423	
Preparation of project proposal						
Preparation of projects in the refrigeration, solvent and CFC-halon production sectors	IBRD		\$220,000	\$28,600	\$248,600	
<i>Funding would not be provided at present for halon production phase-out activities (US \$50,000) since prerequisites relating to plant audits had not been completed</i>						
Total for India		1,904.7	\$1,714,396	\$219,368	\$1,933,764	
INDONESIA						
FOAM						
Preparation of project proposal						
Preparation of investment project in the foam sector (flexible polyurethane)	UNIDO		\$50,000	\$6,500	\$56,500	
Preparation of projects in the foam sector	IBRD		\$100,000	\$13,000	\$113,000	
<i>Approved only for project preparation in the foam sector</i>						
HALON						
Banking						
Halon management programme, halon recovery, recycling and banking	IBRD	972.0	\$486,200	\$63,206	\$549,406	
Total for Indonesia		972.0	\$636,200	\$82,706	\$718,906	
IRAN						
FOAM						
Preparation of project proposal						
Preparation of four projects in the integral skin foam subsector	UNDP		\$50,000	\$6,500	\$56,500	
Preparation of investment project in the foam sector (flexible polyurethane)	UNIDO		\$18,000	\$2,340	\$20,340	
REFRIGERATION						
Preparation of project proposal						
Preparation of three projects in the commercial refrigeration subsector	UNDP		\$25,000	\$3,250	\$28,250	
Preparation of investment projects in the commercial refrigeration sector	UNIDO		\$20,000	\$2,600	\$22,600	
Total for Iran			\$113,000	\$14,690	\$127,690	
JAMAICA						
REFRIGERATION						
Refrigerant management plan						
Implementation of the RMP: Training of trainers in refrigeration and certification of technicians	Canada		\$50,850		\$50,850	

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Project Title	Agency	ODP Tonnes	Funds Approved (US\$)		C.E. (US\$/kg)
			Project	Support	
Implementation of the RMP: Customs officers training programme	Canada		\$54,240		\$54,240
<i>No funds should be disbursed until either the relevant legislation was already in place or until substantial progress had been made towards promulgating such legislation</i>					
Total for Jamaica			\$105,090		\$105,090
JORDAN					
REFRIGERATION					
Preparation of project proposal					
Preparation of investment projects in the commercial refrigeration sector	UNIDO		\$5,000	\$650	\$5,650
Technical assistance/support					
Technical assistance in air-conditioning	France		\$42,000		\$42,000
<i>Approved on the understanding that care would be taken to avoid duplication with other similar activities</i>					
SEVERAL					
Preparation of project proposal					
Preparation of project in the aerosol and halon recycling sectors	IBRD		\$5,000	\$650	\$5,650
Total for Jordan			\$52,000	\$1,300	\$53,300
LAO PEOPLE'S DEMOCRATIC REPUBLIC					
SEVERAL					
Country programme/country survey					
Country programme preparation	UNEP		\$50,000	\$6,500	\$56,500
Technical assistance/support					
Technical assistance for country programme and refrigerant management plan preparation	France		\$31,500		\$31,500
<i>Approved on the understanding that care would be taken to avoid duplication with other similar activities</i>					
Total for Lao People's Democratic Republic			\$81,500	\$6,500	\$88,000
LEBANON					
AEROSOL					
Preparation of project proposal					
Preparation of four projects in the aerosol sector	UNDP		\$30,000	\$3,900	\$33,900
FOAM					
Flexible					
Phaseout of CFC-11 by conversion to methylene chloride in the manufacture of flexible polyurethane foam at Furniture and Plastics, Sarl	France				\$
<i>Request for change of technology at no additional cost (submitted according to Decision 22/69)</i>					
Preparation of project proposal					
Preparation of project in the foam subsector	UNDP		\$20,000	\$2,600	\$22,600
Total for Lebanon			\$50,000	\$6,500	\$56,500

Project Title	Agency	ODP Tonnes	Funds Approved (US\$)			C.E. (US\$/kg)
Project			Project	Support	Total	
LIBERIA						
SEVERAL						
Country programme/country survey						
Country programme preparation	UNEP		\$50,000	\$6,500	\$56,500	
Total for Liberia			\$50,000	\$6,500	\$56,500	
LIBYA						
SEVERAL						
Preparation of project proposal						
Preparation of country programme	UNIDO		\$80,000	\$10,400	\$90,400	
Total for Libya			\$80,000	\$10,400	\$90,400	
MALAYSIA						
FOAM						
Rigid						
Replacement of CFC-11 foam blowing agent by HCFC-141b in the manufacture of insulation panels at Yong Tuck Refrigerators Trading Co.	UNIDO	8.0	\$61,735	\$8,026	\$69,761	7.72
Preparation of project proposal						
Preparation of investment projects in the foam sector (rigid polyurethane)	UNIDO		\$25,000	\$3,250	\$28,250	
Preparation of three projects in rigid foam subsector	UNDP		\$25,000	\$3,250	\$28,250	
REFRIGERATION						
Preparation of project proposal						
Preparation of two projects in commercial refrigeration subsector	UNDP		\$20,000	\$2,600	\$22,600	
SEVERAL						
Preparation of project proposal						
Preparation of projects in the solvent sector and a national CFC phase out programme	IBRD		\$95,000	\$12,350	\$107,350	
<i>Approved with the understanding that the programme was experimental. The Committee noted the suggestion that the World Bank should consult with other implementing agencies active in the country to make use of their expertise and experience in the development and implementation of the programme.</i>						
Total for Malaysia		8.0	\$226,735	\$29,476	\$256,211	
MAURITIUS						
AEROSOL						
Filling plant						
Investment project for phasing out CFCs at Chem Tech-Stella Industries, Port Louis	Germany	16.0	\$90,400		\$90,400	4.92
Total for Mauritius		16.0	\$90,400		\$90,400	

Project Title	Agency	ODP Tonnes	Funds Approved (US\$)			C.E. (US\$/kg)
Project			Project	Support	Total	
MEXICO						
FOAM						
Preparation of project proposal						
Preparation of three projects in the foam sector	UNDP		\$20,000	\$2,600	\$22,600	
REFRIGERATION						
Preparation of project proposal						
Preparation of investment project in the commercial refrigeration sector	UNIDO		\$15,000	\$1,950	\$16,950	
Total for Mexico			\$35,000	\$4,550	\$39,550	
MOROCCO						
AEROSOL						
Preparation of project proposal						
Preparation of investment project in the aerosol sector	UNIDO		\$20,000	\$2,600	\$22,600	
<i>UNIDO should submit relevant amendments to the country programme sheets containing updated data on sectoral consumption either prior to, or with, the project proposal</i>						
FUMIGANT						
Preparation of project proposal						
Preparation of investment project in the fumigants/methyl bromide sector (bananas)	UNIDO		\$15,000	\$1,950	\$16,950	
Preparation of investment project in the fumigants/methyl bromide sector (flowers)	UNIDO		\$15,000	\$1,950	\$16,950	
REFRIGERATION						
Preparation of project proposal						
Preparation of a refrigerant management plan	UNEP		\$30,000	\$3,900	\$33,900	
Preparation of investment project in the commercial refrigeration sector	UNIDO		\$7,000	\$910	\$7,910	
Total for Morocco			\$87,000	\$11,310	\$98,310	
MOZAMBIQUE						
FUMIGANT						
Preparation of project proposal						
Prepare one methyl bromide alternative project in soil fumigation (tobacco)	UNDP		\$20,000	\$2,600	\$22,600	
<i>The proposal would take the form of a phase-out project with only a small demonstration component</i>						
Total for Mozambique			\$20,000	\$2,600	\$22,600	

Project Title	Agency	ODP Tonnes	Funds Approved (US\$)			C.E. (US\$/kg)
Project			Project	Support	Total	
NEPAL						
REFRIGERATION						
Preparation of project proposal						
Project preparation in the commercial refrigeration subsector	UNDP		\$20,000	\$2,600	\$22,600	
<i>UNDP submit relevant amendments to the country programme sheets containing updated data on sectoral consumption either prior to, or with, the project proposal.</i>						
Preparation of a refrigeration recovery and recycling project	UNDP		\$10,000	\$1,300	\$11,300	
<i>UNDP should submit relevant amendments to the country programme sheets containing updated data on sectoral consumption either prior to, or with, the project proposal</i>						
Total for Nepal			\$30,000	\$3,900	\$33,900	
NIGER						
REFRIGERATION						
Refrigerant management plan						
Monitoring of the activities included in the Refrigerant Management Plan (RMP)	UNDP		\$15,455	\$2,009	\$17,464	
Implementation of the RMP: Customs officers training programme	UNEP	30.2	\$63,000	\$8,190	\$71,190	
<i>No funds should be disbursed until either the relevant legislation was already in place or until substantial progress had been made towards promulgating such legislation</i>						
Implementation of the RMP: Train the trainers programme in the refrigeration sector	UNEP	7.5	\$41,500	\$5,395	\$46,895	
National programme for recovery and recycling of refrigerants (RMP)	UNDP	5.8	\$87,603	\$11,388	\$98,991	15.10
<i>UNDP is requested not to proceed with the disbursement of funds approved for the recovery and recycling programme until the regulatory and legislative requirements and fiscal steps proposed by the Government of Niger are put into place</i>						
Total for Niger		43.5	\$207,558	\$26,983	\$234,541	
NIGERIA						
FOAM						
Preparation of project proposal						
Preparation of three projects in general foam subsector	UNDP		\$15,000	\$1,950	\$16,950	
Preparation of seven projects in general foam subsector	UNDP		\$35,000	\$4,550	\$39,550	
Total for Nigeria			\$50,000	\$6,500	\$56,500	

Project Title	Agency	ODP Tonnes	Funds Approved (US\$)		C.E. (US\$/kg)
Project			Support	Total	
PAKISTAN					
REFRIGERATION					
Preparation of project proposal					
Preparation of refrigerant management plan	UNIDO		\$30,000	\$3,900	\$33,900
<i>Approved as one of three trial projects for non-low-volume-consuming countries</i>					
SEVERAL					
Preparation of project proposal					
Preparation of projects in the foam and refrigeration sectors	IBRD		\$66,000	\$8,580	\$74,580
Total for Pakistan			\$96,000	\$12,480	\$108,480
PARAGUAY					
REFRIGERATION					
Preparation of project proposal					
Preparation of a refrigerant/ recycling project	UNDP		\$20,000	\$2,600	\$22,600
<i>Approved on the condition that funds are used to develop RMP</i>					
Total for Paraguay			\$20,000	\$2,600	\$22,600
PERU					
FOAM					
Preparation of project proposal					
Preparation of a project in general foam subsector	UNDP		\$20,000	\$2,600	\$22,600
<i>Approved on the condition that this is for a terminal project in polystyrene sub-sector</i>					
REFRIGERATION					
Refrigerant management plan					
Implementation of the RMP: Support for a licensing system	UNEP		\$10,000	\$1,300	\$11,300
Implementation of the RMP: Code of good practices in refrigeration	UNEP		\$10,000	\$1,300	\$11,300
Implementation of the RMP: Custom officers training programme	UNEP		\$34,000	\$4,420	\$38,420
<i>No funds should be disbursed until either the relevant legislation was already in place or until substantial progress had been made towards promulgating such legislation</i>					
Total for Peru			\$74,000	\$9,620	\$83,620
PHILIPPINES					
AEROSOL					
Preparation of project proposal					
Preparation of investment project in the aerosol sector	UNIDO		\$25,000	\$3,250	\$28,250
Total for Philippines			\$25,000	\$3,250	\$28,250

LIST OF PROJECTS AND ACTIVITIES APPROVED FOR FUNDING

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Project Title	Agency	ODP Tonnes	Funds Approved Project	(US\$) Support	Total	C.E. (US\$/kg)
QATAR						
SEVERAL						
Institutional strengthening						
Establishment of the Ozone Secretariat	UNIDO		\$68,450	\$8,899	\$77,349	
Total for Qatar			\$68,450	\$8,899	\$77,349	
ROMANIA						
FOAM						
Polystyrene/polyethylene						
Phaseout of CFC-11 and CFC-12 in the manufacture of extruded polyethylene and polystyrene foams through the use of butane as a blowing agent at Romcarbon, S.A.	UNIDO	132.4	\$516,512	\$66,816	\$583,328	3.90
Total for Romania		132.4	\$516,512	\$66,816	\$583,328	
SRI LANKA						
FUMIGANT						
Methyl bromide						
Alternatives to methyl bromide for eradication of tea nematodes in Sri Lanka	UNDP	3.9	\$310,200	\$40,326	\$350,526	94.06
<i>Approved subject to the condition that the Government would provide a letter stating that no more request for funding will be made for tea plantations after the 24-month duration of the project methyl bromide would be phased out in tea plantations. The letter should be received by UNDP before the deadline for the submission of documents for the 28th ExCom, failing which the project would be cancelled and the funds would be returned</i>						
Total for Sri Lanka		3.9	\$310,200	\$40,326	\$350,526	
SUDAN						
AEROSOL						
Preparation of project proposal						
Preparation of investment project in the aerosol sector	UNIDO		\$25,000	\$3,250	\$28,250	
<i>UNIDO should submit relevant amendments to the country programme sheets containing updated data on sectoral consumption either prior to, or with, the project proposal</i>						
Total for Sudan			\$25,000	\$3,250	\$28,250	
SYRIA						
AEROSOL						
Preparation of project proposal						
Project preparation of investment projects in the aerosol sector	UNIDO		\$8,000	\$1,040	\$9,040	
<i>UNIDO should submit relevant amendments to the country programme sheets containing updated data on sectoral consumption either prior to, or with, the project proposal</i>						

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			Project	Support	Total	
FOAM						
Preparation of project proposal						
Preparation of one project in the flexible foam subsector	UNDP		\$15,000	\$1,950	\$16,950	
REFRIGERATION						
Preparation of project proposal						
Preparation of three projects in the domestic refrigeration subsector	UNDP		\$50,000	\$6,500	\$56,500	
Preparation of four projects in the commercial refrigeration subsector	UNDP		\$25,000	\$3,250	\$28,250	
Project preparation of investment projects in the domestic refrigeration sector	UNIDO		\$20,000	\$2,600	\$22,600	
Total for Syria			\$118,000	\$15,340	\$133,340	
THAILAND						
FOAM						
Rigid						
Conversion from CFC-11 to HCFC-141b technology in the manufacture of rigid foam at Willich Sales & Contracting Co. Ltd.	IBRD	16.1	\$58,630	\$7,622	\$66,252	3.65
Conversion from CFC-11 to water blown and HCFC-141b technology in the manufacture of rigid foam (spray) at Bangkok Integrated Trading Co.	IBRD	24.1	\$117,923	\$15,330	\$133,253	4.89
Conversion from CFC-11 to HCFC-141b technology in the manufacture of rigid polyurethane foam at Siam Steel International PLC	IBRD	27.1	\$196,981	\$25,608	\$222,589	7.26
Conversion from CFC-11 to HCFC-141b technology in the manufacture of rigid polyurethane foam at P.E. Containers Supply Co. Ltd.	IBRD	29.0	\$181,883	\$23,645	\$205,528	7.70
Conversion from CFC-11 to HCFC-141b technology in the manufacture of rigid polyurethane foam at Plastmate Industry Co. Ltd.	IBRD	10.3	\$80,649	\$10,484	\$91,133	7.83
Conversion from CFC-11 to HCFC-141b technology in the manufacture of rigid polyurethane foam at Siam M.P. Co. Ltd.	IBRD	25.4	\$164,366	\$21,368	\$185,734	7.83
Multiple-subsectors						
Conversion from CFC-11 to water based and HCFC-141b technology in the manufacture of integral skin polyurethane foam and rigid moulded foam at Jennings Co. Ltd.	IBRD	14.4	\$125,249	\$16,282	\$141,531	8.31
Preparation of project proposal						
Preparation of six projects in general foam subsector	UNDP		\$25,000	\$3,250	\$28,250	

Project Title	Agency	ODP Tonnes	Funds Approved (US\$)		C.E. (US\$/kg)
Project			Project	Support	Total
SEVERAL					
Preparation of project proposal					
Preparation of projects in the foam, halon, commercial refrigeration end-use and solvent sectors	IBRD		\$141,000	\$18,330	\$159,330
<i>Approved with the understanding that the programme was experimental. The Committee noted the suggestion that the World Bank should consult with other implementing agencies active in the country to make use of their expertise and experience in the development and implementation of the programme.</i>					
Total for Thailand		146.3	\$1,091,681	\$141,919	\$1,233,600
TUNISIA					
SOLVENT					
Preparation of project proposal					
Preparation of a project in the solvent sector	IBRD		\$15,000	\$1,950	\$16,950
Total for Tunisia			\$15,000	\$1,950	\$16,950
TURKEY					
FOAM					
Flexible					
Phasing out CFC-11 in the manufacturing of flexible PU slabstock foam through the use of liquid CO2 blowing technology at Sungersan	UNIDO	78.0	\$467,397	\$60,762	\$528,159 5.99
Phasing out CFC-11 in manufacturing of flexible PU moulded foam through the use of CO2 blowing technology at Sungersan, Bursa	UNIDO	30.0	\$327,374	\$42,559	\$369,933 10.91
SEVERAL					
Preparation of project proposal					
Preparation of investment projects in the foam, commercial refrigeration, refrigeration/ recycling, halon, methyl bromide and a demonstration project for a national phase-out.	IBRD		\$8,000	\$1,040	\$9,040
Total for Turkey		108.0	\$802,771	\$104,360	\$907,131
URUGUAY					
REFRIGERATION					
Refrigerant management plan					
Implementation of the RMP: Implementation of a license/quota system for ODS	Canada		\$11,300		\$11,300
Implementation of the RMP: Train the trainers programme in the refrigeration sector	Canada		\$63,280		\$63,280
Implementation of the RMP: Custom officers training programme	Canada		\$71,190		\$71,190
<i>No funds should be disbursed until either the relevant legislation was already in place or until substantial progress had been made towards promulgating such legislation</i>					
Total for Uruguay			\$145,770		\$145,770

Project Title	Agency	ODP Tonnes	Funds Approved (US\$)			C.E. (US\$/kg)
			Project	Support	Total	
VENEZUELA						
FOAM						
Rigid						
Phasing out CFC-11 with HCFC-141b in the production of rigid PU panels at Fricava	UNIDO	15.3	\$115,382	\$15,000	\$130,382	7.54
Integral skin						
Phasing out of CFC-11 by 100% water blown system in the production of moulded integral skin flexible PU foam at Fanesi	UNIDO	11.4	\$157,882	\$20,525	\$178,407	13.67
Preparation of project proposal						
Preparation of investment project in the foam sector (rigid polyurethane)	UNIDO		\$10,000	\$1,300	\$11,300	
Preparation of investment project in the foam sector (integral skin)	UNIDO		\$20,000	\$2,600	\$22,600	
Preparation of investment project in the foam sector (polystyrene/polyethylene)	UNIDO		\$20,000	\$2,600	\$22,600	
FUMIGANT						
Training programme/workshop						
Workshops on alternatives to methyl bromide in tobacco cultivation	UNIDO		\$40,000	\$5,200	\$45,200	
REFRIGERATION						
Preparation of project proposal						
Preparation of one project in refrigeration MAC & compressors subsector	UNDP		\$30,000	\$3,900	\$33,900	
Preparation of investment projects in the refrigeration/MACS and compressors sector	UNIDO		\$20,000	\$2,600	\$22,600	
Preparation of investment projects in the commercial refrigeration sector	UNIDO		\$25,000	\$3,250	\$28,250	
Total for Venezuela		26.7	\$438,264	\$56,974	\$495,238	
VIETNAM						
FOAM						
Preparation of project proposal						
Preparation of two projects in general foam subsector	UNDP		\$15,000	\$1,950	\$16,950	
Total for Vietnam			\$15,000	\$1,950	\$16,950	
YEMEN						
AEROSOL						
Preparation of project proposal						
Preparation of project in the aerosol sector	UNIDO		\$20,000	\$2,600	\$22,600	
<i>UNIDO should submit relevant amendments to the country programme sheets containing updated data on sectoral consumption either prior to, or with, the project proposal</i>						

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			Project	Support	Total
FOAM					
Preparation of project proposal					
Preparation of project in the foam sector	UNIDO		\$20,000	\$2,600	\$22,600
REFRIGERATION					
Preparation of project proposal					
Preparation of a refrigerant management plan	UNEP		\$30,000	\$3,900	\$33,900
<i>The RMP would be presented in the form of an update to the country programme</i>					
Total for Yemen			\$70,000	\$9,100	\$79,100
ZAMBIA					
FUMIGANT					
Preparation of project proposal					
Preparation of a demonstration project (tobacco, flowers)	UNIDO		\$30,000	\$3,900	\$33,900
Total for Zambia			\$30,000	\$3,900	\$33,900
ZIMBABWE					
FUMIGANT					
Methyl bromide					
Demonstration project: Alternatives to the use of methyl bromide on stacked bags of maize under gas proof PVC sheets and plastic cocoons (storage)	UNDP		\$212,850	\$27,671	\$240,521
<i>Approved subject to the condition that as soon as results were available the investment project would be prepared by UNDP, and that the Government would provide a letter stating their commitment to phasing out methyl bromide in that use, once the demonstration and the investment projects were finalized, the letter to be received as a condition for approval of the investment project</i>					
Total for Zimbabwe			\$212,850	\$27,671	\$240,521
REGION: LAC					
FUMIGANT					
Preparation of project proposal					
Preparation of a demonstration project (broccoli, cucurbits, tobacco, seed beds, grain fumigation)	UNIDO		\$40,000	\$5,200	\$45,200
Total for Region: LAC			\$40,000	\$5,200	\$45,200
GLOBAL					
FUMIGANT					
Training programme/workshop					
National farmer's training and establishment of Farmer's Field School (FFS)	UNEP		\$60,000	\$7,800	\$67,800
<i>The project had been designed to ensure that educational materials and training activities reached their intended small farmer target groups</i>					
Regional training of trainer courses for extension workers	UNEP		\$160,000	\$20,800	\$180,800

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	
Two regional training workshops on policy development in Africa and Latin America	UNEP		\$260,000	\$33,800	\$293,800	
Development of training manuals for extension workers	UNEP		\$50,000	\$6,500	\$56,500	
HALON						
Technical assistance/support						
Development of a handbook on standards and codes of good practice for halon sector	UNEP		\$75,000	\$9,750	\$84,750	
SEVERAL						
Preparation of project proposal						
Unallocated project preparation funds	IBRD		\$162,000	\$21,060	\$183,060	
Document/video/diskette						
Customs training manual	Canada		\$40,000		\$40,000	
<i>Jointly implemented with the Government of Finland</i>						
Customs training manual	Finland		\$20,000		\$20,000	
<i>Jointly implemented with the Government of Canada</i>						
Update regulations to control ozone depleting substances	UNEP		\$60,000	\$7,800	\$67,800	
Develop fact sheet describing win-win technology options relative to Kyoto and Montreal Protocols	UNEP		\$50,000	\$6,500	\$56,500	
<i>Approved with the understanding that the project would be reformulated to delete background information and focus on the technology fact sheet and would conduct an initial analysis of the impact of conversions on the Multilateral Fund, Global Environment Facility and the Clean Development Mechanism. The initial analysis undertaken in the project would be focused on carbon dioxide</i>						
Total for Global			\$937,000	\$114,010	\$1,051,010	
TOTAL:		4,812.4	\$20,446,102	\$2,379,541	\$22,825,643	
Less advance approved for UNDP at 26th ExCom Meeting:			(\$299,000)	(\$38,870)	(\$337,870)	
Less advance approved for UNIDO at 26th ExCom Meeting:			(\$169,000)	(\$21,970)	(\$190,970)	
Less advance approved for IBRD at 26th ExCom Meeting:			(\$140,000)	(\$18,200)	(\$158,200)	
GRAND TOTAL			\$19,838,102	\$2,300,501	\$22,138,603	

Summary of approved project proposals

Sector	Tonnes ODP	Funds Approved (US\$)		
		Project	Support	Total
BILATERAL COOPERATION				
Aerosol	16.0	\$90,400		\$90,400
Foam				
Refrigeration	93.5	\$1,838,097		\$1,838,097
Several		\$137,400		\$137,400
TOTAL:	109.5	\$2,065,897		\$2,065,897
INVESTMENT PROJECT				
Foam	1,578.2	\$9,309,199	\$1,203,814	\$10,513,013
Fumigant	3.9	\$897,050	\$116,617	\$1,013,667
Halon	972.0	\$486,200	\$63,206	\$549,406
Refrigeration	289.7	\$1,817,044	\$232,712	\$2,049,756
Sterilants	20.7	\$395,095	\$51,362	\$446,457
TOTAL:	2,864.6	\$12,904,588	\$1,667,711	\$14,572,299
WORK PROGRAMME AMENDMENT				
Aerosol		\$188,000	\$24,440	\$212,440
Foam		\$1,101,000	\$143,130	\$1,244,130
Fumigant		\$865,000	\$112,450	\$977,450
Halon		\$75,000	\$9,750	\$84,750
Multi-sector		\$25,000	\$3,250	\$28,250
Refrigeration		\$840,000	\$109,200	\$949,200
Solvent		\$40,000	\$5,200	\$45,200
Several	1,838.3	\$2,341,617	\$304,410	\$2,646,027
TOTAL:	1,838.3	\$5,475,617	\$711,830	\$6,187,447
Less advance approved for UNDP, UNIDO, IBRD (26th Meeting)		(\$608,000)	(\$79,040)	(\$687,040)
GRAND TOTAL		\$19,838,102	\$2,300,501	\$22,138,603
Distribution by Implementing Agency				
Canada		\$358,660		\$358,660
Finland		\$20,000		\$20,000
France		\$117,000		\$117,000
Germany	109.5	\$1,570,237		\$1,570,237
IBRD	2,255.1	\$8,875,290	\$1,144,232	\$10,019,522
UNDP	2,093.0	\$4,753,464	\$617,950	\$5,371,414
UNEP	37.7	\$1,460,480	\$189,862	\$1,650,342
UNIDO	317.1	\$3,290,971	\$427,496	\$3,718,467
Less advance approved for UNDP(26th Meeting)		(\$299,000)	(\$38,870)	(\$337,870)
Less advance approved for UNIDO (26th Meeting)		(\$169,000)	(\$21,970)	(\$190,970)
Less advance approved for IBRD (26th ExCom)		(\$140,000)	(\$18,200)	(\$158,200)