



**United Nations
Environment
Programme**

Distr.
LIMITED

UNEP/OzL.Pro/ExCom/SCPR/27/2/Rev.1
17 November 2002



ORIGINAL: ENGLISH

EXECUTIVE COMMITTEE OF
THE MULTILATERAL FUND FOR THE
IMPLEMENTATION OF THE MONTREAL PROTOCOL
Twenty-seventh Meeting of the Sub-Committee on Project Review
Rome, 18-19 November 2002

**LIST OF PROJECTS AND ACTIVITIES RECOMMENDED
FOR BLANKET APPROVAL**

List of projects and activities recommended for blanket for funding

UNEP/OzL.Pro/ExCom/SCPR/27/2/Rev.1

Project Title	Agency	ODP (tonnes)	Funds recommended (US\$)		C.E. Total (US\$/kg)
			Project	Support	
ANGOLA					
SEVERAL					
Institutional strengthening					
Institutional strengthening project	Germany		\$71,682	\$9,318	\$81,000
Total for Angola			\$71,682	\$9,318	\$81,000
ANTIGUA AND BARBUDA					
SEVERAL					
Institutional strengthening					
Renewal of institutional strengthening project	UNEP		\$31,200	\$0	\$31,200
Total for Antigua and Barbuda			\$31,200		\$31,200
ARGENTINA					
AEROSOL					
Contract filler					
Conversion from CFC-11, CFC-12, CFC-113 and MCF into HCFC for technical aerosols at Servex S.R.L.	IBRD	36.4	\$160,160	\$20,821	\$180,981 4.40
FOAM					
Multiple-subsectors					
Terminal umbrella project for phaseout of the use of CFC-11 in the manufacture of polyurethane foam	UNDP	192.3	\$1,324,843	\$155,733	\$1,480,576 6.89
SEVERAL					
Institutional strengthening					
Extension of institutional strengthening project	UNDP	25.7	\$311,610	\$40,509	\$352,119
Total for Argentina			254.4	\$1,796,613	\$217,063 \$2,013,676
BRAZIL					
FUMIGANT					
Preparation of project proposal					
Assistance for the preparation of a survey on the consumption of methyl bromide	UNIDO		\$40,000	\$5,200	\$45,200
Total for Brazil			\$40,000	\$5,200	\$45,200
BURKINA FASO					
SEVERAL					
Institutional strengthening					
Renewal of Institutional strengthening- phase 5	UNEP		\$72,410	\$0	\$72,410
Total for Burkina Faso			\$72,410		\$72,410
CAMEROON					
REFRIGERATION					
Refrigerant management plan					
Refrigerant management plan to phase out the use of ODS in the refrigeration servicing sector (includes: training in good refrigerant management practices, training of customs officers, and recovery and recycling programme).	UNIDO	112.6	\$522,982	\$67,528	\$590,510 4.64
Total for Cameroon			112.6	\$522,982	\$67,528 \$590,510

List of projects and activities recommended for blanket for funding

UNEP/OzL.Pro/ExCom/SCPR/27/2/Rev.

Project Title	Agency	ODP (tonnes)	Funds recommended (US\$)		C.E. Total (US\$/kg)
			Project	Support	
CENTRAL AFRICAN REPUBLIC					
SEVERAL					
Institutional strengthening					
Extension of institutional strengthening project	UNEP		\$39,520	\$0	\$39,520
Total for Central African Republic			\$39,520		\$39,520
CHAD					
REFRIGERATION					
Refrigerant management plan					
Incentive programme for commercial/industrial end-user sector	UNDP	6.0	\$184,416	\$23,974	\$208,390
Total for Chad			6.0	\$184,416	\$23,974
CHILE					
SEVERAL					
Institutional strengthening					
Extension of institutional strengthening project	IBRD	15.4	\$186,550	\$46,800	\$233,350
Total for Chile			15.4	\$186,550	\$46,800
CHINA					
SEVERAL					
Institutional strengthening					
Extension of institutional strengthening (Phase V)	UNDP	32.2	\$390,000	\$50,700	\$440,700
Total for China			32.2	\$390,000	\$50,700
COLOMBIA					
FOAM					
Multiple-subsectors					
Terminal umbrella project for phaseout of the use of CFC-11 in the manufacture of polyurethane foam	UNDP	123.2	\$840,170	\$102,419	\$942,589
REFRIGERATION					
Commercial					
Umbrella project designed to phase out of the refrigerant CFC-12 by conversion to HFC-134a and replacement of the blowing agent CFC-11 by HCFC-141b in the manufacture of commercial refrigeration systems in 17 Colombian enterprises	IBRD	15.4	\$211,636	\$27,513	\$239,149
SEVERAL					
Institutional strengthening					
Renewal of the institutional strengthening under the Montreal Protocol (Phase IV)	UNDP	22.8	\$275,600	\$35,828	\$311,428
Total for Colombia			161.4	\$1,327,406	\$165,759
DOMINICAN REPUBLIC					
HALON					
Banking					
National halon bank management plan development	UNDP	3.0	\$40,000	\$5,200	\$45,200

List of projects and activities recommended for blanket for funding

UNEP/OzL.Pro/ExCom/SCPR/27/2/Rev.1

Project Title	Agency	ODP (tonnes)	Funds recommended (US\$)		C.E. Total (US\$/kg)
			Project	Support	
Total for Dominican Republic		3.0	\$40,000	\$5,200	\$45,200
EL SALVADOR					
SEVERAL					
Institutional strengthening					
Renewal of institutional strengthening project	UNEP		\$57,980	\$0	\$57,980
Total for El Salvador			\$57,980		\$57,980
GHANA					
SEVERAL					
Institutional strengthening					
Renewal of institutional strengthening (Phase 5)	UNDP		\$139,100	\$18,083	\$157,183
Total for Ghana			\$139,100	\$18,083	\$157,183
INDIA					
AEROSOL					
Contract filler					
Terminal umbrella project aerosol sector	UNDP	132.5	\$583,000	\$74,130	\$657,130 4.40
REFRIGERATION					
MAC					
Complete phase-out of ODS (CFC-12) technology to non-ODS technology (HFC-134a) for manufacturing of mobile air-conditioners (MACs) at Subros Limited (Phase II)	IBRD		\$947,485	\$139,986	\$1,087,471
Total for India		132.5	\$1,530,485	\$214,116	\$1,744,601
INDONESIA					
FOAM					
Rigid					
Project to phase-out of CFC-11 by conversion to HCFC-141b in the manufacture of rigid polyurethane foam for insulating purposes at Ganesha Rattesko and Sindari Nusatama.	UNIDO	52.0	\$283,490	\$36,854	\$320,344 5.45
Phase-out of CFC-11 by conversion to HCFC-141b in the manufacture of rigid polyurethane foam for insulating purposes at Delta Atlantik and Samudra Plastics	UNIDO	18.8	\$146,388	\$19,030	\$165,418 7.78
Total for Indonesia		70.8	\$429,878	\$55,884	\$485,762
IRAN					
SEVERAL					
Institutional strengthening					
Extension of institutional strengthening project	UNDP	14.3	\$173,511	\$22,556	\$196,067
Total for Iran		14.3	\$173,511	\$22,556	\$196,067
KENYA					
SEVERAL					
Institutional strengthening					
Extension of institutional strengthening project	UNDP		\$151,667	\$19,717	\$171,384
Total for Kenya			\$151,667	\$19,717	\$171,384

List of projects and activities recommended for blanket for funding

UNEP/OzL.Pro/ExCom/SCPR/27/2/Rev.

Project Title	Agency	ODP (tonnes)	Funds recommended (US\$)		C.E. Total (US\$/kg)
			Project	Support	
KOREA, DPR					
SOLVENT					
CTC					
Conversion of cleaning processes from CTC to perchloroethylene cleaning at the galvanising workshop of the Pyongyang Illuminating Fixtures Factory (PIF)	UNIDO	29.7	\$230,172	\$29,922	\$260,094 7.75
Total for Korea, DPR		29.7	\$230,172	\$29,922	\$260,094
LAO, PDR					
FOAM					
Flexible slabstock					
Conversion from CFC-11 to methylene chloride (MC) in the manufacture of flexible polyurethane foam (box) at Prasert Foam Co., Ltd.	UNDP	16.3	\$139,343	\$18,115	\$157,458 8.55
Total for Lao, PDR		16.3	\$139,343	\$18,115	\$157,458
LEBANON					
FUMIGANT					
Methyl bromide					
Phase-out of methyl bromide in the vegetables, cut flowers, and tobacco production: release of second tranche	UNDP	31.8	\$600,000	\$76,000	\$676,000
Phase-out of methyl bromide (strawberries): release of second tranche	UNIDO	10.1	\$421,946	\$54,853	\$476,799
Total for Lebanon		41.9	\$1,021,946	\$130,853	\$1,152,799
LIBYA					
SEVERAL					
Preparation of project proposal					
National phase-out plan	UNIDO		\$40,000	\$5,200	\$45,200
Total for Libya			\$40,000	\$5,200	\$45,200
MALAYSIA					
SEVERAL					
Institutional strengthening					
Extension of institutional strengthening project	UNDP	23.1	\$279,500	\$36,335	\$315,835
Total for Malaysia		23.1	\$279,500	\$36,335	\$315,835
MALDIVES					
REFRIGERATION					
Refrigerant management plan					
Implementation of the refrigerant management plan: awareness and incentive programme	UNDP	3.5	\$115,000	\$14,950	\$129,950
Implementation of the refrigerant management plan: training of customs officials and NOU staff	UNEP		\$35,000	\$4,550	\$39,550
Implementation of the refrigerant management plan: monitoring and review	UNEP		\$15,000	\$1,950	\$16,950
Implementation of the refrigerant management plan: train the trainer programme for service	UNEP		\$35,000	\$4,550	\$39,550
Total for Maldives		3.5	\$200,000	\$26,000	\$226,000

List of projects and activities recommended for blanket for funding

UNEP/OzL.Pro/ExCom/SCPR/27/2/Rev.

Project Title	Agency	ODP (tonnes)	Funds recommended (US\$)		C.E. Total (US\$/kg)
			Project	Support	
MEXICO					
MULTI-SECTOR					
Multiple-subsectors					
Country programme update	UNDP		\$48,046	\$6,246	\$54,292
PRODUCTION					
Technical assistance/support					
Closure of CFC production facilities of the company Quimobasicos	UNIDO		\$38,000	\$4,940	\$42,940
Total for Mexico			\$86,046	\$11,186	\$97,232
MOROCCO					
OTHER					
Technical assistance/support					
Country programme update	UNIDO		\$40,000	\$5,200	\$45,200
Total for Morocco			\$40,000	\$5,200	\$45,200
PANAMA					
SEVERAL					
Institutional strengthening					
Renewal of institutional strengthening- phase 3	UNEP		\$149,500	\$0	\$149,500
Total for Panama			\$149,500		\$149,500
SRI LANKA					
FUMIGANT					
Methyl bromide					
Methyl bromide phase-out for all remaining uses excluding QPS applications	UNDP	3.3	\$130,000	\$16,900	\$146,900
Total for Sri Lanka			3.3	\$130,000	\$146,900
SYRIA					
FOAM					
Polystyrene/polyethylene					
Phasing out of CFC-12 by conversion to n-butane as a blowing agent in the manufacture of extruded polystyrene (EPS) foam for packing purposes at Shanko & Partners Co.	UNIDO	16.0	\$132,200	\$17,186	\$149,386 8.22
Total for Syria			16.0	\$132,200	\$17,186
TOGO					
REFRIGERATION					
Refrigerant management plan					
Implementation of the refrigerant management plan: recovery and recycling	UNDP	8.3	\$150,000	\$19,500	\$169,500
Implementation of the refrigerant management plan: training of refrigeration technicians	UNEP		\$64,000	\$8,320	\$72,320
Implementation of the refrigerant management plan: incentive programme for the commercial and industrial end- user refrigeration sector	UNDP	5.0	\$110,000	\$14,300	\$124,300

List of projects and activities recommended for blanket for funding

UNEP/OzL.Pro/ExCom/SCPR/27/2/Rev.1

Project Title	Agency	ODP (tonnes)	Funds recommended (US\$)		C.E. Total (US\$/kg)
			Project	Support	
Implementation of the refrigerant management plan: monitoring of the activities included in the RMP	UNDP		\$15,000	\$1,950	\$16,950
Implementation of the refrigerant management plan: training of customs officers	UNEP		\$43,500	\$5,655	\$49,155
Total for Togo		13.3	\$382,500	\$49,725	\$432,225
TRINIDAD AND TOBAGO					
REFRIGERATION					
Preparation of project proposal					
Project preparation RMP - update	UNDP		\$13,500	\$1,755	\$15,255
SEVERAL					
Institutional strengthening					
Extension of institutional strengthening project (phase III)	UNDP		\$57,200	\$7,436	\$64,636
Total for Trinidad and Tobago			\$70,700	\$9,191	\$79,891
VENEZUELA					
FOAM					
Rigid					
Phasing out CFC-11 by conversion to HCFC-141b as a blowing agent in the manufacture of rigid p.u. foams: Umbrella No. 2 project.	UNIDO	135.5	\$851,432	\$103,658	\$955,090 6.29
Total for Venezuela		135.5	\$851,432	\$103,658	\$955,090
YUGOSLAVIA					
REFRIGERATION					
Compressor					
Conversion of CFC-12 to HFC-134a in the manufacture of open compressors at Prva Petoletka - Kocna Tehnika Co.	UNIDO	2.0	\$223,412	\$29,044	\$252,456
Total for Yugoslavia		2.0	\$223,412	\$29,044	\$252,456
REGION: AFR					
FUMIGANT					
Technical assistance/support					
Technical assistance for methyl bromide reductions and formulation of regional phase-out strategies for low-volume consuming countries	UNDP		\$627,000	\$78,970	\$705,970
Total for Region: AFR			\$627,000	\$78,970	\$705,970
GRAND TOTAL		1,087.2	\$11,789,151	\$1,489,383	\$13,278,534