



**United Nations
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EXECUTIVE COMMITTEE OF
THE MULTILATERAL FUND FOR THE
IMPLEMENTATION OF THE MONTREAL PROTOCOL
Forty-fifth Meeting
Montreal, 4 – 8 April 2005

PROJECT PROPOSALS: GUINEA

This document consists of the comments and recommendations of the Fund Secretariat on the following project proposals:

Refrigeration

- Refrigerant management plan: phase II of customs training UNEP
- Refrigerant management plan: phase II of training refrigeration technicians UNEP
- Refrigerant management plan: monitoring the activities of the RMP UNEP
- Refrigerant management plan: recovery and recycling UNDP

**PROJECT EVALUATION SHEET – NON-MULTI-YEAR PROJECTS
GUINEA**

PROJECT TITLES**BILATERAL/IMPLEMENTING AGENCY**

(a)	Refrigerant management plan: phase II of customs training	UNEP
(b)	Refrigerant management plan: phase II of training refrigeration technicians	UNEP
(c)	Refrigerant management plan: monitoring the activities of the RMP	UNEP
(d)	Refrigerant management plan: recovery and recycling	UNDP

NATIONAL CO-ORDINATING AGENCY	Guinean Ozone Unit
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LATEST REPORTED CONSUMPTION DATA FOR ODS ADDRESSED IN PROJECT**A: ARTICLE-7 DATA (18.9 ODP TONNES, 2003, AS OF 20 OCTOBER 2004)**

Annex AI, CFC	25.91		
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B: COUNTRY PROGRAMME SECTORAL DATA (17.43 ODP TONNES, 2003, AS OF 28 APRIL 2004)

ODS Name	Sub-sector/quantity
CFC	Refrigeration servicing - 25.91

CFC consumption remaining eligible for funding (ODP tonnes)	n/a - LVCC
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CURRENT BUSINESS PLAN ALLOCATIONS	YEAR	DRAFT	Funding US \$ million	Phase-out ODP tonnes
	(a) – (c)		136,000	n/a
	(d)		131,000	3.0

PROJECT TITLE:	Customs training (phase II)	Refrigeration technicians training (phase II)	Monitoring RMP activities	Recovery and recycling
ODS use at enterprise (ODP tonnes):				
ODS to be phased out (ODP tonnes):				5
ODS to be phased in (ODP tonnes):				
Project duration (months):	12	18	24	24
Initial amount requested (US \$):	25,000	25,000	20,000	30,800
Final project cost:				
Incremental Capital Cost (US \$)	25,000	25,000	20,000	49,890
Contingency (10%) (US \$)				
Incremental Operating Cost (US \$)				
Total Project Cost (US \$)	25,000	25,000	20,000	49,890
Local ownership (%):	100%	100%	100%	100%
Export component (%):	0%	0%	0%	0%
Requested grant (US \$):	25,000	25,000	20,000	49,890
Cost-effectiveness (US \$/kg):				
Implementing agency support cost (US \$):	3,250	3,250	2,600	4,490
Total cost of project to Multilateral Fund (US \$):	28,250	28,250	22,600	54,380
Status of counterpart funding (Y/N):				
Project monitoring milestones included (Y/N):	Y	Y	Y	Y

SECRETARIAT'S RECOMMENDATION	Blanket approval at the costs indicated above
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PROJECT DESCRIPTION

1. The update of the Refrigerant Management Plan (RMP) for Guinea according to decision 31/48 aims at reducing the CFC consumption in Guinea to 15% of the baseline, to achieve compliance with the 2007 phase-out requirements of the Montreal Protocol. The RMP contains proposals for activities and requests for funding by the Multilateral Fund at a total of US \$126,980, reaching in 2007 a maximum consumption 19.55 ODP tonnes lower than the latest consumption reported for 2003.

2. Guinea's reported ODS consumption for year 2003 was 25.91 ODP tonnes of CFCs (Annex A, Group I substances), all of which are used in the refrigeration-servicing sector. The baseline consumption is 42.4 ODP tonnes, leading to a compliance target for 2005 of 21.2 ODP tonnes and for 2007 of 6.36 ODP tonnes.

3. The country started the implementation of the Country Programme for the Phase out of ODS and the Refrigerant Management Plan in the year 2000, and has in this short time managed to achieve positive results:
 - (a) A National Ozone Unit has been established. The NOU has successfully implemented the activities as specified in the Country Programme and a RMP was approved by the Executive Committee at its 30th Meeting.
 - (b) A legal framework has been developed in a relatively short period of time, which largely contributed to establishment of a better control of ODS use in the country.
 - (c) The national CFC consumption has been reduced almost by a third, from 41.78 ODP tonnes in 1998 to 25.91 ODP tonnes in 2003.
 - (d) Four projects under the previously approved RMP for a total amount of US \$189,780 were completed successfully.

4. Despite its achievements, Guinea is facing important challenges for complying with its Montreal Protocol obligations in the immediate future:
 - (a) CFC consumption needs to be reduced significantly to comply with the 2005 Montreal Protocol 50% CFC reduction requirement, and the 2007 85% CFC reduction requirement. So far the existing downward trend in consumption is slower than needed for compliance in particular with the 2007 reduction step.
 - (b) All of the CFC consumption is concentrated in the refrigeration and air-conditioning service sector, where sustaining reductions are difficult to achieve.
 - (c) New needs have been identified during the preparation of the RMP update in order to establish a stricter control of CFC consumption in the refrigeration and air-conditioning sector, including the need to address items only partly covered by the activities already implemented.

5. The Government will continue to pursue a strategy based on a combination of control measures as well as providing additional training to curb CFC consumption. The RMP proposes a series of additional training for customs officials and refrigeration technicians, as well as a monitoring component and equipment supply for recovery and recycling.

6. The Refrigerant Management Plan is composed of the following projects:

- (a) A training Programme for Customs Officers: with the aim of reinforcing the work of the Customs Office and enforcing the application of the ODS Import/Export Licensing System through further training of Customs Officers (UNEP);
- (b) A training Programme for the Refrigeration Sector: with the aim of providing assistance for the use of good servicing, maintenance and containment practices in the refrigeration sector through additional training for the technicians (UNEP);
- (c) A recovery and Recycling Programme: with the purpose of supporting the use of good servicing, maintenance and containment practices in the refrigeration sector (UNDP); and
- (d) A RMP Update Monitoring Programme: to ensure successful implementation of all activities proposed in the RMP update through continuous monitoring to facilitate the rapid identification of obstacles, and the timely design and implementation of the appropriate corrective measures (UNEP).

7. This Action Plan will be complemented and reinforced by the continuous public awareness activities being carried out by the NOU as part of its work plan under the Institutional Strengthening project. The Government counterpart will be provided in kind, to cover temporary project staff and meeting facilities from Government offices other than the NOU.

8. Upon request, UNEP provided additional information concerning certain specifics and objectives of their activities, such as the number of customs officers trained in the past and the number intended to be trained in the future.

SECRETARIAT'S COMMENTS AND RECOMMENDATIONS

COMMENTS

9. In discussions with UNEP and UNDP, the Secretariat stressed the point that a RMP requires a strong and active lead agency, that will co-ordinate the implementation between the agencies involved since this is of major importance for the effective and successful implementation of a RMP. UNEP agreed to take on this role.

10. The UNDP component is largely aimed to improve utilisation of previously deployed recovery and recycling equipment. The training to be provided related to recovery and recycling is aimed directly at a small number of service technicians handling the equipment, while UNEP's

effort is aimed indirectly through a train-the-trainer approach to the total technician population. The Secretariat accepts that it would be better to keep the two activities separate because of their different target groups.

11. The Secretariat requested information regarding the present status of legislation. According to UNEP, Guinea has legislation on dangerous chemical products that is intended to monitor the import and consumption of such substances, which includes CFCs. A quota and licensing system for CFCs has not been established yet. UNEP advised that the country is currently working on specific ODS-related legislation. The original RMP for Guinea, prepared in January 2000, had already pointed out a lack of legislation and the intention to have such legislation in place in the near future. Customs officers have received basic training on issues related to the Montreal Protocol as part of the RMP approved at the 30th Meeting, such as identification of CFCs. In reply to questions raised by the Secretariat, UNEP pointed out that their intention was not to start the custom and other training activities until the quota system is in place, and that this has been reflected in the activity schedule. The activities relating to customs and technician training as well as equipment supply were scheduled by UNEP to start in the fourth quarter of 2005, leaving the country six months to finalise and approve a licensing system. Given the previous experience, it is very difficult to assess if the country will be able to approve such a system in this short time frame.

RECOMMENDATIONS

12. The Fund Secretariat recommends approval of the RMP update at the amount of US \$119,890 to cover four activities with associated support costs at the funding levels shown in the table below. The disbursement of the funding related to customs training, refrigeration technician training and recovery and recycling is subject to enactment of a quota and licensing system for ODS, including setting the quotas for major CFCs.

	Project Title	Project Funding (US\$)	Support Cost (US\$)	Implementing Agency
(a)	Refrigerant management plan: phase II of customs training	25,000	3,250	UNEP
(b)	Refrigerant management plan: phase II of training refrigeration technicians	25,000	3,250	UNEP
(c)	Refrigerant management plan: monitoring the activities of the RMP	20,000	2,600	UNEP
(d)	Refrigerant management plan: recovery and recycling	49,890	4,490	UNDP
