



**United Nations
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Programme**



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EXECUTIVE COMMITTEE OF
THE MULTILATERAL FUND FOR THE
IMPLEMENTATION OF THE MONTREAL PROTOCOL
Fifty-fourth Meeting
Montreal, 7-11 April 2008

PROJECT PROPOSAL: COTE D'IVOIRE

This document consists of the comments and recommendation of the Fund Secretariat on the following project proposal:

Phase-out

- Terminal phase-out management plan (first tranche)

UNEP and UNIDO

**PROJECT EVALUATION SHEET – MULTI-YEAR PROJECTS
COTE D’IVOIRE**

PROJECT TITLE **BILATERAL/IMPLEMENTING AGENCY**

Terminal phase-out management plan	UNEP and UNIDO
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NATIONAL CO-ORDINATING AGENCY:	Ministère de l’environnement, des eaux et forets – Bureau National Ozone
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LATEST REPORTED CONSUMPTION DATA FOR ODS ADDRESSED IN PROJECT

A: ARTICLE-7 DATA (ODP TONNES, 2006, AS OF FEBRUARY 2008)

Annex I, Group I	85.5		
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B: COUNTRY PROGRAMME SECTORAL DATA (ODP TONNES, 2006, AS OF FEBRUARY 2008)

ODS	Aerosol	Foam	Ref. Mfg.	Ref. Servicing	Solvents	Process agent	Fumigant
CFC-12	40.5			45.0			

CFC consumption remaining eligible for funding (ODP tonnes)	n/a
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CURRENT YEAR BUSINESS PLAN: Total funding US \$313,490: total phase-out 30 ODP tonnes.

PROJECT DATA		2008	2009	2010	Total
CFCs (ODP tonnes)	Montreal Protocol limit	44.1	44.1	0	n/a
	Annual consumption limit	44.1	44.1	0	n/a
	Annual phase-out newly addressed	0	44.1	0	44.1
TOTAL ODS CONSUMPTION TO BE PHASED OUT		0	44.1	0	44.1
Total ODS consumption to be phased-in (HCFCs)		0	0	0	0
Final project costs (US \$):					
Funding for Lead IA: UNEP					
Funding for Cooperating IA: UNIDO					
Total project funding					
Final support costs (US \$):					
Support cost for Lead IA: UNEP					
Support cost for Cooperating IA: UNIDO					
Total support costs					
TOTAL COST TO MULTILATERAL FUND (US \$)					
Final project cost effectiveness (US \$/kg)					n/a

FUNDING REQUEST: Pending.

SECRETARIAT’S RECOMMENDATION	Pending
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PROJECT DESCRIPTION

1. On behalf of the Government of Côte d'Ivoire, UNEP as the lead agency has submitted a terminal phase-out management plan (TPMP) for the phase out of ODS in the refrigeration and air-conditioning sector for the Executive Committee's consideration at its 54th Meeting. The total cost of the Côte d'Ivoire TPMP as originally requested is US \$565,000 plus agency support costs. Of this total, the share for UNEP as the lead agency is US \$282,000 plus support cost of US \$36,660, and for UNIDO US \$283,000 plus support cost of US \$21,225. The CFC consumption baseline is 294.2 ODP tonnes. The country has no baseline consumption in any other ODS except methyl bromide, which was addressed separately. The 2006 Article 7 consumption was 85.5 ODP tonnes, well within the CFC consumption limits under the Montreal Protocol for 2006 but almost twice the allowed consumption for 2007.

Background

2. In regard to the phase-out of CFCs in Côte d'Ivoire's refrigeration-servicing sector, the Executive Committee approved the first training for refrigeration technicians as early as 1994 for US \$76,000 through UNEP, and a number of RMP activities through France, including in 1998 an RMP approved for US \$227,650, an RMP update in 2002 which included licensing support for US \$49,500, and a chiller replacement project for US \$1,000,000. Due to the unrest in the country, none of the activities has been fully implemented. At the 51st Meeting, the Executive Committee decided to transfer these projects from France to UNIDO. So far, the transfer has not been completed.

Policy and legislation

3. A sub-regional regulation (UEMOA No. 0412005) is related to export, trade, use and re-export of ODS. UNEP advised that it is used by Côte d'Ivoire to establish the licensing system. Quotas have been set, and there are indications that this system operates sufficiently. The quota is established according to the limits for CFCs under the Montreal Protocol, and allows any importer to apply for a license. The license is issued by the trade ministry, the monitoring is done through the NOU. The fully computerised customs department provides information on actual imports to the NOU every three months.

Refrigeration-servicing sector

4. According to the project proposal the consumption of CFCs dropped in 2006 to 85.5 ODP tonnes, of which 64.7 ODP tonnes were consumed in the domestic refrigeration sub-sector. About 11.2 ODP tonnes of CFC-12 (HCFC-22: 39.46 tonnes) were consumed for the servicing of industrial refrigeration equipment, and 9.6 ODP tonnes CFC-12 for mobile air conditioning. All of this consumption was used to service equipment. The current prices of refrigerants per kg are: US \$13.30 for CFC-11, US \$6.70 for CFC-12, US \$33.40 for HFC 134a, US \$7.80 for HCFC-22.

Activities proposed in the TPMP

5. The following activities are proposed to be implemented through the TPMP project:
 - (a) A training component for customs officers with an outreach to 750 officers through organization of 21 training workshops, as well as purchase of 15 multi-refrigerant identifiers;
 - (b) The training for 500 refrigeration technicians on good practices, such as refrigerant recovery and retrofit, will be based on the training of 20 trainers. In addition, the funding will include demonstration equipment and 100 basic toolkits for certified repairs workshops, after their personnel received training;
 - (c) One centre of excellence will be established to facilitate access of technicians to alternative technologies, equipment parts and tools, and to provide training capacities for future generations of technicians. An incentive programme for retrofit and conversion will make parts available; and
 - (d) Finally, a monitoring component to ensure satisfactory implementation and subsequent follow-up is also foreseen.
6. A work plan for 2008 has been submitted with the TPMP proposal.

SECRETARIAT'S COMMENTS AND RECOMMENDATION

COMMENTS

7. The Secretariat raised a number of issues with UNEP as lead agency, which covered the planned outreach to service technicians and the activities under the "Incentive-programme for retrofit and conversion". UNEP updated the project proposal and clarified open issues.

8. At the time of writing this document, UNEP was still working to provide sufficient documentation regarding the status of a licensing and quota system in the country. Further, the Secretariat pointed to the two RMP-related projects approved in 1998 and 2002, which appear to be largely not implemented. The Secretariat is working with UNEP as lead agency and, through UNEP, with the Government of Côte d'Ivoire, France and UNIDO to be able to resolve the present impasse before the 54th Executive Committee Meeting so that a suitable and mutually agreed way forward can be presented.

Agreement

9. The Government of Côte d'Ivoire submitted a draft agreement between the Government and the Executive Committee setting out the conditions for the complete phase-out of CFCs in Côte d'Ivoire. Due to the ongoing discussions related to the funding level under the TPMP versus remaining funding from the RMP, the draft Agreement is not yet attached.

RECOMMENDATION

10. Pending.
