



**United Nations  
Environment  
Programme**

Distr.  
GENERAL

UNEP/OzL.Pro/ExCom/57/56  
27 February 2009

ORIGINAL: ENGLISH



---

EXECUTIVE COMMITTEE OF  
THE MULTILATERAL FUND FOR THE  
IMPLEMENTATION OF THE MONTREAL PROTOCOL  
Fifty-seventh Meeting  
Montreal, 30 March - 3 April 2009

**PROJECT PROPOSAL: ZAMBIA**

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

Phase-out

- Terminal phase-out management plan for CFCs (second tranche) UNEP and UNDP

**PROJECT EVALUATION SHEET – MULTI-YEAR PROJECTS**  
**Zambia**

<b>(I) PROJECT TITLE</b>	<b>AGENCY</b>
CFC phase out plan	UNDP, UNEP

<b>(II) LATEST ARTICLE 7 DATA (ODP Tonnes)</b>				<b>Year: 2007</b>	
CFC: 4.1	CTC: 0	Halons: 0	MB: 6	TCA: 0	

<b>(III) LATEST COUNTRY PROGRAMME SECTORAL DATA (ODP Tonnes)</b>										<b>Year: 2007</b>			
Substances	Aerosol	Foam	Halon	Refrigeration		Solvent	Process Agent	MDI	Lab Use	Methyl Bromide		Tobacco fluffing	Total Sector Consumption
				Manufacturing	Servicing					QPS	Non QPS		
CFC					4.1								4.1
CTC													0
Halons													0
Methyl Bromide													6.6
Others													0
TCA													0

<b>(IV) PROJECT DATA</b>			<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>Total</b>
<b>Montreal Protocol Consumption Limits</b>		CFC	4.1	4.1	4.1	0.	
<b>Maximum Allowable Consumption (ODP Tonnes)</b>		CFC	4.1	4.1	4.1	0.	
<b>Project Costs (US\$)</b>	UNDP	Project Costs	109,000.				109,000.
		Support Costs	9,810.				9,810.
	UNEP	Project Costs	94,000.		42,000.		136,000.
		Support Costs	12,220.		5,460.		17,680.
<b>Total Funds Approved in Principle (US\$)</b>		Project Costs	203,000.		42,000.		245,000.
		Support Costs	22,030.		5,460.		27,490.
<b>Total Funds Released by the ExCom (US\$)</b>		Project Costs	203,000.		0.		203,000.
		Support Costs	22,030.		0.		22,030.
<b>Total Funds Requested for Current Year (US\$)</b>		Project Costs			42,000.		42,000.
		Support Costs			5,460.		5,460.

<b>(V) SECRETARIAT'S RECOMMENDATION:</b>	<b>For blanket approval</b>
--	-----------------------------

## PROJECT DESCRIPTION

1. On behalf of the Government of Zambia UNEP, as the lead implementing agency, has submitted to the 57<sup>th</sup> Meeting of the Executive Committee a request for funding of the second tranche (2009) of the terminal phase-out management plan for CFCs amounting to US \$42,000 plus agency support costs of US \$5,460. The project is undertaken with UNDP as the co-implementing agency, and there is no funding foreseen for UNDP for the second tranche. The request was accompanied by a progress report on the implementation of the terminal phase-out management plan in the year 2008. UNEP has also submitted the implementation programme for the year 2009 and multi-year agreement tables.

### Background

2. The terminal phase-out management plan for Zambia was approved at the 53<sup>rd</sup> Meeting of the Executive Committee for a total value of US \$245,000 plus agency support costs of US \$27,940 (US \$136,000 plus agency support costs of US \$17,680 for UNEP and US \$109,000 plus agency support costs of US \$9,810 for UNDP) to completely phase out CFC consumption in the country by 1 January 2010. The first tranche funding was approved by the Executive Committee at the same meeting and amounted to US \$203,000 plus agency support costs of US \$12,220 for UNEP and US \$9,810 for UNDP.

### 2008 Progress report

3. A number of activities were implemented in the year 2008:
- (a) Training workshops for refrigeration technicians were carried out in April-June and November 2008. As a result 95 practitioners were trained and certified (the target for all phases of the TPMP is 250). Toolkits were purchased and distributed to trained technicians;
  - (b) Training of the first 45 customs officers was conducted in 2008, with a target for all phases of the TPMP of 200 officers. Five identifiers were purchased as planned;
  - (c) Some of the equipment for retrofit centres, planned as centre of excellence, has been purchased and technicians were given training;
  - (d) An incentive programme for retrofitting has commenced, but no tangible results in terms of conversions could be reported yet; and
  - (e) Project management and monitoring activities were implemented, the management unit has been established.
4. The unspent balance of the approved funding as of December 2008 is US \$77,000, which represents 38 per cent of the funding approved so far.

### 2009 Annual implementation plan

5. A number of activities are foreseen in the 2009 annual implementation programme. Such activities include training of 100 technicians in good practices in refrigeration and 100 customs officers, monitoring activities and providing further support to retrofitting centres.

## SECRETARIAT'S COMMENTS AND RECOMMENDATION

### COMMENTS

6. The Secretariat had requested additional information regarding the activity "assistance for the review of ODS regulations". UNEP reported that in the year 2008, this included the identification of an expert to draft the Amendment to the ODS regulation, drafting of the proposed amendments, and a review of the Amendment by the National Stakeholders' Workshop. The Amendment prohibits and bans the imports of ODS and ODS-containing equipment including control measures for HCFCs. The Amendment was submitted to the Ministry of Justice and is expected to be approved by the end of July 2009.

7. The Secretariat was also interested to receive more information about the experience in using hydrocarbons for servicing CFC refrigerators. UNEP advised that in the servicing sector, the handling of technology is done by technicians who are experienced and have received special training in use of hydrocarbons. The experience so far has shown that there are no special problems associated with the hydrocarbon technology, and a few suppliers have shown interest in supplying the refrigerants with anticipation that demand for the refrigerant will rise in the near future. The customers are satisfied with the technology because of its reduced energy consumption and capacity of the retrofitted appliance to work with the low power voltage which is common in most of African countries.

8. The progress achieved by Zambia in the phase-out efforts within 15 months after approval of the TPMP is significant.

### RECOMMENDATION

9. The Secretariat recommends that the Executive Committee:

- (a) Takes note of the progress report on the implementation of the terminal phase-out management plan for CFCs in Zambia during the year 2008; and
- (b) Approves the implementation programme for 2009.

10. The Secretariat further recommends blanket approval of the second and last tranche (2009) of the TPMP for Zambia with associated support costs at the funding level shown in the table below:

	Project Title	Project Funding (US\$)	Support Cost (US\$)	Implementing Agency
(a)	Terminal phase-out management plan for CFCs (second tranche)	42,000	5,460	UNEP

-----