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

**PROJECT PROPOSAL: MALAWI**

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) UNDP/UNEP

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

(I) PROJECT TITLE	AGENCY
CFC phase out plan	UNDP, UNEP

(II) LATEST ARTICLE 7 DATA (ODP Tonnes)		Year: 2007
CFC: 2.3	CTC: 0	Halons: 0 MB: 0 TCA: 0

(III) LATEST COUNTRY PROGRAMME SECTORAL DATA (ODP Tonnes)					Year: 2007						
Substances	Aerosol	Foam	Halon	Refrigeration	Solvent	Process Agent	MDI	Lab Use	Methyl Bromide	Tobacco fluffing	Total Sector Consumption
				Manufacturing	Servicing				QPS	Non QPS	
CFC					2.3						2.3
CTC											0
Halons											0
Methyl Bromide											0
Others											0
TCA											0

(IV) PROJECT DATA			2007	2008	2009	2010	Total
Montreal Protocol Consumption Limits		CFC	8.7	8.7	8.7	0.	
Maximum Allowable Consumption (ODP Tonnes)		CFC	8.7	8.7	8.7	0.	
Project Costs (US\$)	UNDP	Project Costs	125,500.		47,500.		173,000.
		Support Costs	11,295.		4,275.		15,570.
	UNEP	Project Costs	95,000.		77,000.		172,000.
		Support Costs	12,350.		10,010.		22,360.
Total Funds Approved in Principle (US\$)		Project Costs	220,500.		124,500.		345,000.
		Support Costs	23,645.		14,285.		37,930.
Total Funds Released by the ExCom (US\$)		Project Costs	220,500.		0.		220,500.
		Support Costs	23,645.		0.		23,645.
Total Funds Requested for Current Year (US\$)		Project Costs			124,500.		124,500.
		Support Costs			14,285.		14,285.

(V) SECRETARIAT'S RECOMMENDATION:	Blanket approval
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## **PROJECT DESCRIPTION**

1. On behalf of the Government of Malawi UNEP, as the lead implementing agency, has submitted a progress report on the implementation of the first work programme of the Malawi terminal phase-out management plan for CFCs (TPMP) to the 57<sup>th</sup> Meeting of the Executive Committee. UNEP has also submitted a request for funding for the second tranche of the TPMP at a total cost of US \$77,000 plus agency support cost of US \$10,010 for UNEP and US \$47,500 plus agency support cost of US \$4,275 for UNDP.

### **Background**

2. The TPMP for Malawi was approved by the Executive Committee at its 53<sup>rd</sup> Meeting, to completely phase out CFC consumption in the country by 2009. Total funding of US \$345,000 plus agency support costs of US \$37,930 was approved in principle by the Executive Committee. At the same meeting, the Executive Committee approved US \$95,000 plus agency support costs of US \$12,350 for UNEP and US \$125,500 plus agency support costs of US \$11,295 for UNDP, for the implementation of the first tranche of the TPMP.

#### Progress report on the implementation of the first tranche of the TPMP

3. Following the approval of the TPMP by the Executive Committee, a legal expert revised the ODS regulations and submitted them to relevant authorities for approval. The association of refrigeration technicians has been strengthened; a total of 200 refrigeration technicians and 200 custom officers have been trained, and the refrigeration and customs training curricula have been revised. Bidding for purchasing service equipment and tools for refrigeration service technicians has been conducted, and the equipment is expected to be in the country by February 2009. Two end-users are in the process of converting their CFC-based refrigeration equipment to alternative refrigerants. A local consultant has been hired to assist in the implementation of the activities proposed in the TPMP.

4. As of December 2008, of the US \$220,500 approved for the first tranche, US \$162,500 has been disbursed. An additional US \$58,000 will be disbursed by April 2009 after additional awareness-raising activities to attract a larger number of end-users for equipment conversion are completed.

#### Plan of action for the second tranche of the TPMP

5. The Government of Malawi commits to implementing the following activities under the second work programme of the TPMP: further training programmes for customs officers and refrigeration service technicians, provision of additional tools and equipment for technicians and implementation of additional conversion of CFC-based refrigeration systems to alternative refrigerants; and monitoring and verification activities.

## **SECRETARIAT'S COMMENTS AND RECOMMENDATION**

### **COMMENTS**

6. The 2007 CFC consumption reported by the Government of Malawi under Article 7 of the Montreal Protocol of 2.3 ODP tonnes was already 6.4 ODP tonnes below that of 8.7 ODP tonnes allowed for that year. The CFC consumption in 2008 has been estimated at between 0.5 and 1.0 ODP tonne.

7. UNEP indicated that the proposal to revise ODS regulations was to include a total ban on import/export of CFCs and CFC-based equipment as of 1 January 2009, and to ban HCFCs and HCFC-based equipment according to the phase-out schedule agreed by the Parties and the availability of

alternative technologies. Implementation of the regulations has already begun, and awareness campaigns on the regulations have been conducted and are ongoing. Customs officers enforcing the regulations have been updated on the revised regulations through the training conducted so far.

8. Upon a request for further explanation of additional training activities for customs officers and refrigeration technicians proposed in the second tranche of the TPMP, UNEP indicated that the Government of Malawi plans to train 100 customs officers and 100 refrigeration technicians who have not received training. The equipment that is being procured under the TPMP can only be beneficial if technicians have the capacity to use it. For the last phase of the project, the Ozone Officer intends to train more technicians from rural areas and small towns, where the refrigeration industry is expanding as a result of the rural electrification programme undertaken by the Government.

9. The Secretariat also sought clarification from the implementing agencies on whether the Government of Malawi will be able to achieve the complete phase-out of CFCs by the end of 2009 and sustain that level of consumption through the activities proposed in the final tranche of the TPMP. UNEP and UNDP reported that, through the last funding tranche, the Government is proposing to intensify awareness and enforcement of the regulations and to completely retrofit or replace the remaining CFC-based refrigeration equipment in operation.

10. Noting that funding for the preparation of the HPMP was approved by the Executive Committee at its 55<sup>th</sup> Meeting, the Secretariat suggested that, during the implementation of the final tranche of the TPMP, UNEP consider advising the Government on undertaking preliminary actions to facilitate the phase-out of HCFCs in due time. UNEP pointed out that it will consider advising the Government to undertake actions to facilitate the phase-out of HCFCs; a sub-regional workshop to discuss methodologies and the conducting of a HCFC survey is being organized with the participation of the Government of Malawi.

## **RECOMMENDATION**

11. The Secretariat recommends that the Executive Committee:

- (a) Takes note of the progress report on the implementation of the first tranche of the terminal phase-out management plan in Malawi; and
- (b) Approves the 2009-2010 annual implementation programme associated with the second tranche.

12. The Secretariat further recommends blanket approval of the 2009-2010 plan associated with the second tranche of the TPMP for Malawi with associated support costs at the funding level shown in the table below:

	<b>Project Title</b>	<b>Project Funding (US\$)</b>	<b>Support Cost (US\$)</b>	<b>Implementing Agency</b>
(a)	Terminal phase-out management plan for CFCs (second tranche)	77,000	10,010	UNEP
(b)	Terminal phase-out management plan for CFCs (second tranche)	47,500	4,275	UNDP

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