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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: LIBERIA**

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**

**Liberia**

<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: 1.8	CTC: 0	Halons: 0	MB: 0	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													0.
CTC													0.
Halons													0.
Methyl Bromide													0.
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	8.4	8.4	8.4	0.	
<b>Maximum Allowable Consumption (ODP Tonnes)</b>		CFC	8.4	8.4	8.4	0.	
<b>Project Costs (US\$)</b>	UNDP	Project Costs	104,000.		28,000.		132,000.
		Support Costs	9,360.		2,520.		11,880.
	UNEP	Project Costs	131,500.		81,500.		213,000.
		Support Costs	17,095.		10,595.		27,690.
<b>Total Funds Approved in Principle (US\$)</b>		Project Costs	235,500.		109,500.		345,000.
		Support Costs	26,455.		13,115.		39,570.
<b>Total Funds Released by the ExCom (US\$)</b>		Project Costs	235,500.		0.		235,500.
		Support Costs	26,455.		0.		26,455.
<b>Total Funds Requested for Current Year (US\$)</b>		Project Costs			109,500.		109,500.
		Support Costs			13,115.		13,115.

<b>(V) SECRETARIAT'S RECOMMENDATION:</b>	<b>Blanket approval</b>
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## **PROJECT DESCRIPTION**

1. On behalf of the Government of Liberia UNEP, as the lead implementing agency, has submitted a progress report on the implementation of the first work programme of the Liberia 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 \$81,500 plus agency support costs of US \$10,595 for UNEP, and US \$28,000 plus agency support costs of US \$2,520 for UNDP.

### **Background**

2. The TPMP for Liberia 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 \$39,570 was approved in principle by the Executive Committee. At the same meeting, the Executive Committee approved US \$131,500 plus agency support costs of US \$17,095 for UNEP, and US \$104,000 plus agency support costs of US \$9,360 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 total of 200 customs officers and 400 refrigeration technicians will have been trained by the end of March 2009; refrigeration equipment and service toolkits have been purchased and will be distributed among technicians during the first quarter of 2009; and ODS regulations have been reviewed by a consultant. Equipment and tools for the retrofit technical assistance programme (based on hydrocarbon technologies) have been procured and the end-users incentive programme has been implemented. 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 \$235,500 approved for the first tranche, US \$189,331 had been disbursed. An additional US \$46,169 will be disbursed by March 2009.

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

5. The Government of Liberia commits to implementing the following activities under the second work programme of the TPMP: further training programmes for customs officers and refrigeration service technicians on retrofitting techniques for ODS-based equipment, provision of additional basic equipment for technicians, and the establishment of a technology and information facility; awareness activities for technicians to use retrofit and new replacement technologies; and monitoring and verification activities.

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

### **COMMENTS**

6. The 2007 CFC consumption reported by the Government of Liberia under Article 7 of the Montreal Protocol of 1.8 ODP tonnes was already 6.6 ODP tonnes below that of 8.4 ODP tonnes allowed for that year. The CFC consumption in 2008 has been estimated at 0.5 ODP tonnes.

7. In response to a question from the Secretariat, UNEP indicated that the proposal to revise ODS regulations was to include a total ban on import/export of all ODS excluding HCFCs, and to include quota restrictions for HCFCs, with the requirement of an import license under the established licensing system. Implementation of the regulations has already started 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. The Secretariat discussed with UNEP and UNDP issues related to the additional training for customs officers and refrigeration technicians proposed in the second tranche of the TPMP, as well as the proposed technology and information resource centre that will support the refrigeration sector in Liberia on completion of the project. In regard to training for customs officers, UNEP reported that the borders of Liberia are very porous, thereby making the country vulnerable to illegal trade of ODS. Liberia currently has more than 500 customs officers and only 200 will have been trained in the detection of ODS and related equipment and ozone depletion issues by the end of 2009. Therefore, to effectively implement the ODS regulations, there is a need to train an additional 200 officers and provide them with the necessary equipment. In regard to the training of technicians, the very recent introduction of hydrocarbon technology in the country requires training an additional 200 refrigeration technicians in the techniques and practice of retrofitting with hydrocarbon refrigerant to replace ODS, especially in the domestic refrigeration sub-sector.

9. UNEP also pointed out that, with assistance from the Ozone Unit, the Liberian Refrigeration Union, Monrovia Vocational Training Centre, and the three retrofit centres established through the TPMP will serve as a resource centre for technology and information to assist local technicians to improve their knowledge and skills after the closure of the project, as well as to facilitate dissemination of information on technological changes in the refrigeration sector.

10. In response to questions on whether the Government of Liberia 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 the last tranche of the TPMP was important to achieve the phase-out of CFCs in the country. The Government of Liberia, through its Inter-ministerial Committee of the Management and Control of ODS has already enforced a national phase-out of CFCs for 1 January 2010. UNEP and UNDP also agreed to consider advising the Government on undertaking preliminary actions to facilitate the phase-out of HCFCs in due time during the implementation of the final tranche of the TPMP.

## 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 Liberia; and
- (b) Approves the implementation programme for 2009-2010 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 Liberia, 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)	81,500	10,595	UNEP
(b)	Terminal phase-out management plan for CFCs (second tranche)	28,000	2,520	UNDP

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