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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: CHAD**

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

Phase-out

- Terminal phase-out management plan (second tranche)

UNDP/UNEP

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

<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: 5.1	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					5.1								5.1
CTC													0
Halons													0
Methyl Bromide													0
Others													0
TCA													0

<b>(IV) PROJECT DATA</b>			2007	2008	2009	2010	Total
<b>Montreal Protocol Consumption Limits</b>		CFC	5.2	5.2	5.2	0.	
<b>Maximum Allowable Consumption (ODP Tonnes)</b>		CFC	5.2	5.2	5.2	0.	
<b>Project Costs (US\$)</b>	UNDP	Project Costs	92,000.		82,000.		174,000.
		Support Costs	8,280.		7,380.		15,660.
	UNEP	Project Costs	94,000.		77,000.		171,000.
		Support Costs	12,220.		10,010.		22,230.
<b>Total Funds Approved in Principle (US\$)</b>		Project Costs	186,000.		159,000.		345,000.
		Support Costs	20,500.		17,390.		37,890.
<b>Total Funds Released by the ExCom (US\$)</b>		Project Costs	186,000.		0.		186,000.
		Support Costs	20,500.		0.		20,500.
<b>Total Funds Requested for Current Year (US\$)</b>		Project Costs			159,000.		159,000.
		Support Costs			17,390.		17,390.

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

1. On behalf of the Government of Chad, UNEP, as the lead implementing agency has submitted a progress report on the implementation of the first work programme of the Chad terminal phase-out management plan (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 costs of US \$10,010 for UNEP, and US \$82,000 plus agency support costs of US \$7,380 for UNDP.

### **Background**

2. The TPMP for Chad 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 \$37,890 was approved in principle by the Executive Committee. At the same meeting, the Executive Committee approved US \$94,000 plus agency support costs of US \$12,220 for UNEP, and US \$92,000 plus agency support costs of US \$8,280 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 115 refrigeration technicians and 47 custom officers have been or are in the process of being trained. A hydrocarbon charging station and 40 service tool kits have been procured (modalities for the distribution of the service tools are being discussed by the association of refrigeration technicians). Bidding for purchasing servicing equipment, tools and alternative refrigerants has been conducted and is expected to be available in the country by April 2009. Meetings with the Ozone Officer and major stakeholders were conducted to discuss modalities for the implementation of the incentive programme for end-users (to begin once the equipment is distributed). A team of three local consultants has been hired to assist in the implementation of the activities proposed in the TPMP.

4. As of December 2008, of the US \$186,000 approved for the first tranche, US \$151,852 had been disbursed. An additional US \$34,148 will be disbursed by March 2009.

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

5. The Government of Chad commits to implementing the following activities under the second work programme of the TPMP: further training programmes for customs officers and refrigeration service technicians; technical assistance to establish a demonstration centre and a centralized storage facility, to integrate good practices and alternatives into the curriculum of training institutes and to strengthen the association of refrigeration technicians; and monitoring and verification activities.

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

### **COMMENTS**

6. The 2007 CFC consumption reported by the Government of Chad under Article 7 of the Montreal Protocol of 5.1 ODP tonnes was already 0.1 ODP tonne below the 5.2 ODP tonnes allowed for that year. The CFC consumption in 2008 has been estimated at 2.5 ODP tonnes.

7. Upon a request for additional information on the incentive programme, the Secretariat was informed that technicians who converted small commercial refrigeration systems to non-CFC refrigerants will receive items of new equipment in exchange for those replaced, upon presentation of verifiable information on the client who benefited from this service. For the conversion of CFC-based cold rooms, technicians will receive equipment parts and/or non-CFC refrigerant up to a maximum value of 50 per

cent of the cost of the parts of the equipment replaced, as well as an equivalent quantity of alternative refrigerant to the one being replaced. Technicians will submit a duly completed form signed by the end-user, which will be verified by the national consultant, validated by the refrigeration technicians' association, and approved by the Ozone Officer. It is expected that a minimum of 80 refrigeration systems could be retrofitted (50 small-sized and 30 large-sized).

8. Noting that training activities for customs officers and refrigeration technicians have been planned for the first quarter of 2009, the Secretariat sought an explanation regarding the additional training proposed in the second tranche of the TPMP. UNEP reported that the request included in the second tranche is for training technicians and customs officers who had not been trained in the past. On the issue of whether the Government of Chad 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 reported that implementation of the activities proposed in the TPMP, combined with the arrival of refrigeration equipment (non-CFC based), and the closing of the border to CFCs, will contribute to compliance with the Montreal Protocol.

9. The Secretariat also suggested that during the implementation of the final tranche of the TPMP, UNEP consider advising the Government on undertaking preliminary action to facilitate the phase-out of HCFCs in due time. UNEP indicated that this suggestion will be discussed at the next network meeting.

#### RECOMMENDATION

10. 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 Chad; and
- (b) Approves the 2009-2010 annual implementation programme associated with the second tranche.

11. The Secretariat further recommends blanket approval of the 2009-2010 plan associated with the second tranche of the TPMP for Chad, 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 (second tranche)	77,000	10,010	UNEP
(b)	Terminal phase-out management plan (second tranche)	82,000	7,380	UNDP

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