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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: MAURITANIA**

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**  
**Mauritania**

|                          |               |
|--------------------------|---------------|
| <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: 1.3                                       | 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                                                              |         |      |       |               | 1.3       |         |               |     |         |                |                   |                  | 1.3                      |
| 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           | 2.4         | 2.4         | 2.4         | 0.          |              |
| <b>Maximum Allowable Consumption (ODP Tonnes)</b>    |      | CFC           | 3.          | 3.          | 3.          | 0.          |              |
| <b>Project Costs (US\$)</b>                          | UNDP | Project Costs | 85,000.     |             | 55,000.     |             | 140,000.     |
|                                                      |      | Support Costs | 7,650.      |             | 4,950.      |             | 12,600.      |
|                                                      | UNEP | Project Costs | 96,000.     |             | 59,000.     |             | 155,000.     |
|                                                      |      | Support Costs | 12,480.     |             | 7,670.      |             | 20,150.      |
| <b>Total Funds Approved in Principle (US\$)</b>      |      | Project Costs | 181,000.    |             | 114,000.    |             | 295,000.     |
|                                                      |      | Support Costs | 20,130.     |             | 12,620.     |             | 32,750.      |
| <b>Total Funds Released by the ExCom (US\$)</b>      |      | Project Costs | 181,000.    |             | 0.          |             | 181,000.     |
|                                                      |      | Support Costs | 20,130.     |             | 0.          |             | 20,130.      |
| <b>Total Funds Requested for Current Year (US\$)</b> |      | Project Costs |             |             | 114,000.    |             | 114,000.     |
|                                                      |      | Support Costs |             |             | 12,620.     |             | 12,620.      |

|                                          |                         |
|------------------------------------------|-------------------------|
| <b>(V) SECRETARIAT'S RECOMMENDATION:</b> | <b>Blanket approval</b> |
|------------------------------------------|-------------------------|

## **PROJECT DESCRIPTION**

1. On behalf of the Government of Mauritania UNEP, as the lead implementing agency, has submitted a progress report on the implementation of the first work programme of the Mauritania 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 \$59,000 plus agency support costs of US \$7,670 for UNEP, and US \$55,000 plus agency support costs of US \$4,950 for UNDP.

### **Background**

2. The TPMP for Mauritania 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 \$295,000 plus agency support costs of US \$32,750 was approved in principle by the Executive Committee. At the same meeting, the Executive Committee approved US \$96,000 plus agency support costs of US \$12,480 for UNEP, and US \$85,000 plus agency support costs of US \$7,650 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 95 refrigeration technicians and 30 custom officers have been or are in the process of being trained; a hydrocarbon charging station and 35 service tool kits have been procured. Bidding for purchasing service equipment, tools and alternative refrigerants has been conducted, and delivery is expected in April 2009. About 70 refrigerant recovery units will be assembled in the country. A project management unit has been established to assist in the implementation of the activities proposed in the TPMP.

4. As of December 2008, of the US \$181,000 approved for the first tranche, US \$124,000 had been disbursed. An additional US \$57,000 will be disbursed by April 2009.

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

5. The Government of Mauritania 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 enhance in-country capacity to independently assemble and maintain recovery systems, to reinforce the capacity to store and recycle ODS, and to develop awareness and access to information; and monitoring and reporting activities.

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

### **COMMENTS**

6. The 2007 CFC consumption reported by the Government of Mauritania under Article 7 of the Montreal Protocol of 1.3 ODP tonnes was already 1.1 ODP tonnes below the 2.4 ODP tonnes allowed for that year. Based on preliminary information provided by the Government, the 2008 CFC consumption has been estimated to be very close to zero. Reductions in CFC consumption have been achieved because of market forces and the impact of awareness campaigns conducted by the Ozone Office. Additionally, the association of refrigeration technicians is encouraging all its members to implement the good practices they have learned through the training programmes so far provided.

7. Responding to questions on the incentive programme, UNEP pointed out that technicians who converted domestic refrigeration systems to non-CFC refrigerants will receive a new compressor in

exchange for the one been replaced, upon presentation of verifiable information that the client has benefited from this service. For the conversion of CFC-based cold rooms and larger refrigeration systems, 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 being replaced, as well as an equivalent quantity of alternative refrigerant to that replaced. Technicians will submit a duly completed form signed by the end-user, to be verified by the national consultant, validated by the refrigeration technicians' association, and approved by the Ozone Officer. It is expected that, through this programme, 370 domestic refrigerators, 30 MAC systems and 30 commercial refrigeration systems could be retrofitted.

8. Responding to questions on whether the Government of Mauritania 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, in view of the actual trend of CFC consumption in the country, the support to be provided during the second tranche of the TPMP, and the results so far achieved with implementation of previous activities, the Government of Mauritania will be able to achieve the total phase-out of CFCs by end of 2009 and sustain it.

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 noted that it would be more advisable for the country to concentrate now on achieving the complete phase-out of CFCs by the end of 2009. It also 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 for CFCs in Mauritania; 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 Mauritania, 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) | 59,000                        | 7,670                      | UNEP                       |
| (b) | Terminal phase-out management plan for CFCs (second tranche) | 55,000                        | 4,950                      | UNDP                       |

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