

TERMS OF REFERENCE
FOR A TECHNICAL EXPERT RELATED TO DEVELOPMENT OF HCFC
PHASE-OUT MANAGEMENT PLAN

Job title: Mobile Air-conditioning Technical Expert
Duty station: Chisinau
Duration of employment: 4 months – March –June 2010
Contract type: SSA

OBJECTIVE

The objective of this consultancy service is to assist National Ozone Unit (Ministry of Environment, Republic of Moldova) in the elaboration of HCFC Phase-out Management Plan (HPMP).

BACKGROUND

The XIXth Meeting of the Parties to the Montreal Protocol in September 2007, through its Decision XIX/6, adopted an accelerated phase-out schedule for HCFCs. The first control is the freeze on production and consumption of HCFCs which would be from 01 January 2013, at the Baseline Levels (average of 2009 and 2010). The second control step is the reduction of 10% from the Baseline Levels. The decision also directed the Executive Committee of the Multilateral Fund to assist the Parties in preparation of HCFC Phase-out Management Plans (HPMP).

In order to prepare HCFC Phase-out Management Plan for the Republic of Moldova the following activities will be implemented:

- Data collection on industry profiles, baselines, consumption, etc. for various HCFC-consuming sectors, through a survey team and other national experts.
- Data analysis including present and historical HCFC consumption by enterprise, sector, sub-sector and application, list of HCFC users segregated by sector/sub-sector.
- Discussions organization and proposals of inputs for developing strategies for compliance with 2013 HCFCs freeze and 2015 reduction Draft document preparation.

SCOPE OF WORK

The technical expert under the supervision of the National Consultant in Data Collection, National Ozone Unit (MENR), UNDP Country Office in Moldova and UNDP/MPU Programme Coordinator for Europe and CIS will:

- Assist National Consultant in Data Collection and National Consultant to Provide Technical Assistance to Elaboration of Sector-wise Plans on HCFC

Phase-out in data analysis and in preparation of HCFC Phase-out Management Plan.

- Collect additional data on mobile air-conditioning equipment:
 - Identification and inventory of mobile air-conditioning equipment users (name, address, contact details, etc);
 - Description of available equipment (mark, model, year of production, year of installation, refrigeration capacity, refrigerant charge, details on equipment service, refrigerant supplier, etc.)
- Submission of data for cross-check and verification by National Ozone Unit.
- Collaboration with the International Consultant, National Consultant in Data Collection, National Consultant to Provide Technical Assistance to Elaboration of Sector-wise Plans on HCFC Phase-out in respect of data inventory/collection and analysis.
- Participate in the workshops with key national stakeholders, Implementing Agency, National and International Consultants, key representatives of the national scientific and technical university and industry/agriculture representatives to discuss sector-wise plans on HCFC phase-out and summarization of proposed recommendations.

REPORTS

Reports on data inventory/collection and analysis in accordance with elaborated formats and agreed requirements by the International Consultant, National Consultant in Data Collection, National Consultant to Provide Technical Assistance to Elaboration of Sector-wise Plans on HCFC Phase-out.

QUALIFICATIONS AND SKILLS REQUIRED

- Engineering degree or equivalent, related to refrigeration and air-conditioning equipment.
- At least 5 (five) years experience in the refrigeration and air-conditioning sectors.
- Good knowledge of refrigeration and air-conditioning sectors: current situation, trends and problems to be solved.

DELIVERABLES

Deliverable	Deadline
Submission of collected data on mobile air-conditioning equipment.	March 30, 2010 April 30, 2010 June 15, 2010