

**Extension of Institutional Strengthening Projects
Plan of Action**

(Sections 1-16 to be completed by the country concerned prior to sending it to the implementing agency for comments in Section 17)

1. **Country:** Islamic Republic of Iran
2. **National Implementing Agency / Ozone Unit:**
Department of the Environment / Ozone Layer Protection Unit
3. **Implementing Agency:** UNDP
4. **Period of Extension:** From 1 January 2011 to 31 December 2012
(Based on the approved guidelines)
5. **Amount of MLF funding requested:** US\$ 173,511
6. **Status of ratification:**

Amendment	Ratification Date	or projected date
London Amendment	04.08.1997 (At.)	
Copenhagen Amendment	04.08.1997 (At.)	
Montreal Amendment	17.10.2001 (At.)	
Beijing Amendment		By end of 2010

7. **Consumption by group of substances and by sector. This is identical to the annual report the Ozone Units submit to the Fund Secretariat on the progress of implementation of Country Programmes. Please attach form with data for the most recent year or indicate when you sent it to the Secretariat if this has been done already.**

CP progress report for the year 2009 is attached.

8. **Indicate the main project objective for the next phase in relation to the country's compliance with the provisions of the Montreal Protocol:**
 - A) Sustaining complete phase-out of CFCs, Halons and CTC;
 - B) Achieving and sustaining complete phase-out of substances in Annex B Group II (TCA)
 - C) Meeting 98% reduction in Annex E (Methyl bromide) by the end of 2010;
 - D) Strengthening the National Ozone Network to ensure sustainability of the previous and ongoing phase out activities as well as to safeguard the country's compliance with the provisions of the Montreal Protocol;
 - E) Enforcing Licensing System including adoption of quota system for HCFCs and maintain strict control on ODS trade;

- F)** Incorporating mandates on the adoption and enforcement of a standardized system for refrigerants in order to secure an empowered control on the import of counterfeit refrigerants into the country;
- G)** Completion of Preparation for the phase-out of HCFCs and submission to the ExCom;
- H)** Institutionalizing the UV/Ozone Observation through establishment and strengthening of a UV observation network having the cooperation of relevant line-organizations;
- I)** Extend trouble shooting and technical training activities to the beneficiaries to ensure effective utilization of the alternative technologies;
- J)** Co-operation with the neighbouring countries in activities to control illegal trade of ODS and ODS containing products;
- K)** Improve administrative structure of MEAs in the country, and further involve in the corresponding regional enforcement activities;
- L)** Promoting general and technical awareness of public, governmental organizations and non-governmental institutions (including private enterprises) through the National Ozone Network;
- M)** Continuing to have the ODS data-base management system fully established and operational.

9. Objectives and planned activities per year and expected results:

Year	Objectives	Planned Activities	Results expected
1 st & 2 nd Years	Sustaining phase-out of CFCs, Halons and CTC	<ul style="list-style-type: none"> -Coordinate completion of the on-going projects (including the remaining individual foam projects and the accomplishment of the final annual implementation plan of the National CFC Phase out Plan); -Coordinate and facilitate transfer of technology to the beneficiary enterprise under the project for the phase-out of CFCs in MDI manufacturing; -Preparation for the final campaign for transition to non-CFC MDI; - Amendment to the existing regulation of appropriate legal and policy measures to ensure sustained phase-out of CFCs in MDI sector; -Adopt and apply a public/private partnership approach to raise the awareness and encourage participation of the stakeholders in the process of transition to CFC-free MDIs; -Adopt and enforce appropriate strategies to secure supply of pharmaceutical-grade CFCs recognized as essential for the health of community of patients with asthma and COPD. 	<ul style="list-style-type: none"> - 100% physical phase-out of non-pharmaceutical grade CFCs achieved in all identified CFC consuming sectors; - All the approved on-going projects for the phase-out of CFCs are physically completed; - Old equipment are dismantled and CODs are collected for all projects; - Completion reports of the remaining projects are collected and certified; - HFA-based machinery are installed and commissioned in the MDI manufacturing unit; - Trial batch of HFA-based MDI produced and stability tests confirmed by the Ministry of health; - HFA-based technology transferred to the beneficiary unit and the new formulation is registered by the Ministry of Health; - Stakeholders informed of the CFC free MDIs and supportive of the transition strategy to the CFC-free MDIs; - Asthma and COPD community informed of the health and environmental advantages of the new MDI products; - Supply of pharmaceutical-grade CFCs for the essential uses secured.

Year	Objectives	Planned Activities	Results expected
	Assuring the completion of phase-out of substances in Annex B Group II (TCA)	<ul style="list-style-type: none"> - Coordinate monitoring the completion of the project -Coordinate organization of the training workshops for SMEs; - Coordinate financial completion of the project; -Adopt and apply policy measures and means to ensure timely and on-demand supply of after-sale and maintenance services by the technology provider 	<ul style="list-style-type: none"> -Assuring the phase out of TCA achieved; - New equipment made fully operational; -Supply of maintenance and after-sale services facilitated and ensured; -SMEs received necessary technical trainings on the use of alternatives measures/substances; -Old equipment dismantled and CODs collected and confirmed; -Project financially closed.
	Meeting 95% reduction in Annex E (Methyl bromide) by the end of 2010	<ul style="list-style-type: none"> -Coordinate implementation of the project for phasing out of MeBr in soil fumigation applications; -Coordinate with the relevant IAs and the national counterpart to make training opportunities and technical assistance available for the relevant stakeholders to receive trainings on the alternatives to Methyl Bromide in QPS sector; -Coordinate with the Plant Protection Organization to adopt and institutionalize ad hoc regulatory and policy measures to control the use of Methyl Bromide in QPS applications; 	<ul style="list-style-type: none"> -95% reduction in Annex E achieved by the end of 2010; -Key stakeholders introduced with technically available and economically viable alternative technologies to Methyl Bromide in QPS sector; -Provisional regulatory/policy framework for the control of the uses of Methyl Bromide in QPS sector adopted;
	Complete implementation of the Halon Management Programme to fully stop dependency on substances in Annex A Group II (Halons) by the end of 2009	<ul style="list-style-type: none"> -Coordinate and expedite establishment of the Physical Halon Bank; -Coordinate and expedite establishment of the Halon Clearing House; -Adopt measures to have the Halon Bank and clearing house fully institutionalized and made operational; 	<ul style="list-style-type: none"> -Halon Clearing House and Halon Bank established and made operational; -Operation of the centres institutionalized and legally supported;

Year	Objectives	Planned Activities	Results expected
	<p>Strengthening the National Ozone Network to ensure sustainability of the previous and ongoing phase out activities as well as to safeguard the country's compliance with the provisions of the Montreal Protocol</p>	<ul style="list-style-type: none"> - Implementing monitoring plan of action for 2010; - Facilitate further training and strengthening of the Ozone Cells having the support and technical assistance of external resources; - Further extension of monitoring activities to the provincial Ozone Cells; - Establishment of a periodic monitoring reporting system to keep track of the performance of the completed phase-out projects; 	<ul style="list-style-type: none"> - A functional monitoring and tracking system institutionalized and made operational; - Ozone Cells received more technical training and supportive of the MP activities; - Performance of the phase-out activities under control; - A feed-back mechanism with pre-emptive measures adopted for diagnosis and eventual correction of any instances of malfunctioning of the system.
	<p>Enforcing Licensing System including adoption of quota system for HCFCs and strict control on ODS trade.</p>	<ul style="list-style-type: none"> - Full enforcement of the import/export Licensing System - Adoption and enforcement of a quota system for HCFCs 	<ul style="list-style-type: none"> - Meeting the provisions set forth under the Articles 4 of the Montreal Protocol; - Impose control on the import of HCFCs into the country started
	<p>Preparation and submission of the phase-out of HCFCs program to ExCom</p>	<ul style="list-style-type: none"> - Having the cooperation of implementing agencies to prepare an HPMP to assist in meeting the first stage of the HCFC reduction; - Coordinate start up implementation of Stage I activities under HPMP in early 2011. 	<ul style="list-style-type: none"> - HPMP prepared and approved by the 62nd ExCom in 2010; - The first stage of HPMP started up and institutionalized in 2011.
	<p>Institutionalizing the UV/Ozone Observation through establishment and strengthening of a UV observation network</p>	<ul style="list-style-type: none"> - Cooperation with the Geophysics Institute and Meteorological Organization to establish and strengthen the UV/Ozone observation network; - Conduct a gap analysis and develop a national UV/Ozone observation strategy; - Facilitate exchange of information and state-of the art on UV/Ozone networking; - Adopt measures to encourage national research on the effects of increased UV on human health and environment. 	<ul style="list-style-type: none"> - A national UV/Ozone observation and networking strategy adopted; - Connections established between the national entities and international bodies for the exchange of information and experience; - An appropriate mechanism adopted to encourage research on UV effects.

Year	Objectives	Planned Activities	Results expected
	<p>Extend trouble shooting and technical training activities to the beneficiaries to ensure effective utilization of the alternative technologies</p>	<ul style="list-style-type: none"> - Coordinate trouble shooting visits to the beneficiary enterprises and provision of necessary training to the technicians and users of the new technology ; - Develop a systematic trouble shooting and training practice and make necessary arrangements to institutionalize adoption of the alternative technology transferred under the MP programmes at local level; - Develop a scheme to impart the lessons to similar programmes within the MP framework as well as to other MEAs requiring transfer of technical knowledge and technology to the local stakeholders and beneficiaries; 	<ul style="list-style-type: none"> - Beneficiary units are better equipped and the utilization rate of the transferred technology increased; - A systematic trouble shooting and capacity building programme institutionalized and communicated to other related programmes and MEAs.
	<p>Co-operation with the neighbouring countries in activities to control illegal trade of ODS and ODS containing products</p>	<ul style="list-style-type: none"> - Holding meetings with neighbouring countries on exchange of experience and information concerning control of illicit trade of ODS and ODS containing products; - Adoption of appropriate measures to enforce tacit control on the illicit trade of ODS and ODS containing products; - Cooperate for incorporation of HCFCs import export tracking into the iPIC procedure 	<ul style="list-style-type: none"> - Working relation with neighbouring countries on the control of illegal ODS trade enhanced; - Appropriate measures adopted to enforce control on the illicit trade of ODS and ODS containing products; - Import/Export of HCFCs incorporated into the iPIC procedure.
	<p>Improve linkages of Montreal Protocol activities with administrative structure of MEAs in the country, and further involve in the corresponding regional enforcement activities</p>	<ul style="list-style-type: none"> - Establishment of a steering committee for MEAs with regular meeting schedules; - Streamline cooperation and coordination among BC, RC, SC and VC within the institutional and legislative framework of the country to improve smooth and effective implementation of the MEAs. 	<ul style="list-style-type: none"> - MEAs are further incorporated to assist in the control of the trans-boundary movement of the hazardous chemicals including ODSs

Year	Objectives	Planned Activities	Results expected
	Promoting general and technical awareness of public, governmental organizations and non-governmental institutions (including private enterprises) through the National Ozone Network	<ul style="list-style-type: none"> - Implementing training plans and public awareness activities for 2010 and 2011; - Institutionalizing PA campaigns within the structure of the National Ozone Network; - Establishment and incorporation of a national electronic ODS clearing house into the existing portal of the Department of Environment 	<ul style="list-style-type: none"> - Increased awareness of public and governmental organizations on the Ozone Layer Protection ; - Having the support of Provincial Ozone Cells in awareness campaigns; - The MP related PA activities are sustained through the years beyond 2010.
	Having the ODS data-base management system fully established and operational	<ul style="list-style-type: none"> - Manage complete establishment of the data-base management system; - Adopt an operational mechanism to maintain functionality of the system for the years after 2010 including changes if necessary for HCFC phase out. 	<ul style="list-style-type: none"> - The data-base management system established and made operational; - An operational mechanism adopted and employed to maintain functionality of the system for the years after 2010.

10. Describe modalities how regular access of the Ozone Unit to senior decision-makers will be assured. Such modalities may include steering committees, advisory groups or inter-ministerial bodies:

Through periodic meetings of the National Ozone Committee, meetings of the established National Steering Committee, direct reporting to the Deputy Head of Department of Environment (National Project Coordinator)

11. Describe how the action plans for the IS project will be integrated in the national authorities' planning process:

Through National Ozone Committee and inclusion of quantitative targets in the Five Year Development Plan and Action Plans of concerned member ministries/organisations of National Ozone Committee

12. Planned Project Cost:

	Planned Project Cost	MLF Funding	Counterpart Funding	Other Sources
a) Equipment component	5,000.00	5,000.00		
b) Professional Staff	85,000.00	85,000.00		
c) Support staff	30,000.00	30,000.00		
d) Consultants	4,000.00	4,000.00		
e) Operational cost	22,000.00	22,000.00		
f) Funds for public awareness	25,000.00	25,000.00		
g) Contingency	-	-		
h) Others including in-kind (specify) (Official travels/mission costs, Office space & furniture and - Electricity, Gas, Water)	130,511.00	2,511.00	128,000.00	
Total Amount	301,511.00	173,511.00	128,000.00	

13. Personnel required:

Category and Numbers	Functional Titles/Expertise	Main Tasks	Time Period
Professional Staff			
1	Manager	Management of MP programme in the country	Two years
6	Technical / Operational Experts including Administration & Finance and customs clearance	To achieve targets as specified in relevant objective-oriented TORs	Two years
Support Staff			
2	Secretary/clerical staff	Secretarial affairs	Two years
1	Driver/messenger	Transportation services, provision of support to staff members	Two years
Consultants			
1	Monitoring	Provision of consultancy on performance monitoring of the activities, compliance and investment projects implementation	Two years

14. Title and schedule of reports to be submitted:

To Whom:	Title of Report	Planned Submission (Year/Quarter)
1. Government Departments	OLPU activities / achievements to DOE and other member ministries / organizations of National Ozone Committee	Quarterly to DOE/ ad-hoc to other members of NOC
2. Reports to Multilateral Fund Secretariat	Progress of Implementation of Country Programme	Every year/as required
3. Reports to Ozone Secretariat	Article 7 data	Every year/as required
4. Implementing Agency	Terminal Report and Plan of Action for IS renewal	At end of two-year duration
5. Other Implementing Agency(ies)	-----	-----
6. Bilateral Donor(s)	-----	-----
7. Others (Mass media)	MP activities in Iran	Bi-annual

15. Action Plan prepared by:

Name of Officer responsible for preparing the Action Plan:	Ebrahim Haji-zadeh
Title:	Ozone Office (NOU) Manager /National Project Manager
Organization/Agency/Ministry:	Department of the Environment
Date:	5 May 2010

16. Government endorsement:

Action Plan authorized by:	Alimohammad Noorian
Title:	Deputy Head of the Department for Human Environment Affair
Supervising Organization/Agency/Ministry:	Department of the Environment
Date:	5 May 2010

17. Submission of Action Plan:

Name of Implementing Agency:	United Nations Development Programme (UNDP)
Name and signature of Project Officer:	Mr. Nandan Chirmulay
Date:	6 May 2010
Comments of Implementing Agency: Country has successfully achieved 2009 target and is expected to have zero consumption of most ODSs except Methyl Bromide and HCFCs by 2010. Implementation of CFC MDI phase-out project and pending activities under NPP are underway and are expected to be completed in this phase. IS activities under this phase are required to sustain phase-out of CFCs, Halons, CTC, MCF and Methyl bromide and facilitate phase-out of consumption of HCFCs, which is estimated to be about 4,500 MT in 2009, in line with targets specified in Decision XIX/6.	