

**Annex IV****Extension of Institutional Strengthening Projects  
Revised Plan of Action - Phase 1V**

(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:** Trinidad and Tobago
2. **National Implementing Agency / Ozone Unit:** Environmental Management Authority
3. **Implementing Agency:** United Nations Development Programme (UNDP)
4. **Period of Extension:** January 2005 - December 2006
5. **Amount of MLF funding requested<sup>1</sup>:** US\$60,000.00
6. **Status of ratification:**

<b>Amendment</b>	<b>Ratification Date</b>
London Amendment	10-6-1999
Copenhagen Amendment	10-6-1999
Montreal Amendment	10-6-1999
Beijing Amendment	29-10-2003

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.)

Please see attached which was sent to the Secretariat on April 2, 2004.

8. **Indicate the main project objective for the next phase in relation to the country's compliance with the provisions of the Montreal Protocol:**
  - Implement the UNDP Terminal Phase out Management Plan for CFC's, including:
    - Audit of the UNEP training programme for Customs Officers in the Monitoring and Control of ODS and ODS-dependent technologies with the objective of identification of gaps and upgrade of the present system
  - Manage the country's import consumption to meet the 2008 100% reduction in CFC consumption, continued reduction in imports of Methyl Bromide

<sup>1</sup> In accordance with the Executive Committee Decision 43/37, Trinidad and Tobago is eligible for an IS renewal of US\$60,000

- Develop and implement stricter policies and legislation for the retail, wholesale, and use of Methyl Bromide specifically for Quarantine and Pre Shipment
- Increase institutional capacity of National Ozone Unit through exchange training with more advanced countries either regionally or internationally
- Develop comprehensive database of formal and informal mobile air-conditioning, and refrigeration sector including commercial refrigeration sector
- Heighten public awareness to ODS issues
- Develop and Implement mandatory refrigerant standard
- Review of sectoral usage of all ODS
- Annual data reporting to the MLF Secretariat and the Ozone Secretariat.

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

Year	Objectives	Planned Activities	Results expected
1 <sup>st</sup> Year	Implementation of the Terminal Phase Out Management Plan (TPMP) for CFC	Audit of the UNEP training programme for Customs Officers in the Monitoring and Control of ODS and ODS-dependent technologies with the objective of identification of gaps and upgrade of the present system  Conduct refresher course for customs officers custom brokers and TTBS officials at points of entry	Identification of gaps and upgrade of the present system to ensure stricter control of CFC imports and deter the illegal trading of CFC after 2008  Renewed knowledge of officers at points of entry re: interface with ODS chemicals entering the country
		Focus the members of the commercial refrigeration sector towards retrofitting and replacing chillers to enable them to cope with phase out agreements of the Protocol.	Accelerated reduction on import consumption of CFCs to allow for complete phase out by 2008.
		Implement additional activities required to allow Trinidad and Tobago to terminally phase-out reliance on CFCs	Reduction in consumption and general reliance on CFCs
		Accelerate public awareness and education pertaining to the phase out of CFCs by reducing demands in consumption.	Voluntary reduction in demands and in imports of CFCs
	Implement stricter policies to govern use of Methyl Bromide for Quarantine and Pre-shipment (QPS)	Coordinate with other government agencies (Ministry of Trade, Ministry of Finance and Toxic Chemicals and Pesticides Control Board) to establish policy guidelines for the QPS use of Methyl Bromide	Policy developed to control QPS usage of Methyl Bromide
	Increase institutional capacity of National Ozone Unit through exchange training with more advanced countries regionally or internationally	Facilitate the exchange of information through training and a visit to a country more advanced in phase out either regionally or internationally	Improvement in approaches to phase out initiatives in this country
	Submit annual report to the MLF and Ozone Secretariats for 2002	Prepare and submit data in accordance to the deadline established	Report completed and submitted
	Develop Compulsory Refrigerant Standard	Coordinate with Trinidad and Tobago Bureau of Standards, Air Conditioning and Refrigeration Industry Association and other stakeholders to develop standard	Standard developed and implemented

Year	Objectives	Planned Activities	Results expected
2 <sup>nd</sup> Year	Continue with the implementation of the TPMP	Focus the air-conditioning and refrigeration industry and users towards accelerated phase out to meet the 2005 and the 2007 freeze agreements of the Protocol.	Accelerated reduction on import consumption of CFCs to allow for complete phase out by 2008.
		Increase public awareness and education pertaining to the phase out of CFCs specifically geared at schools and consumer awareness	Voluntary reduction in demands and in imports of CFCs
	Submit annual report to the MLF and Ozone Secretariats	Prepare and submit data in accordance to the deadline established	Prepare and submit data in accordance to the deadline established
	Heighten public awareness with respect to Methyl Bromide and other ozone depleting substances	Disseminate information to public to increase knowledge of methyl bromide and ODS issues	Increased reduction in demands for Methyl Bromide and other ODS substances
	Prepare and deliver workshop on Best Alternative Practices for companies using Methyl Bromide	Organise and deliver workshop	Provide a medium for reducing demands for Methyl Bromide through the introduction of alternative practices
	Conduct review of Methyl Bromide Usage in Trinidad and Tobago	Undertake survey of sector to determine different uses of Methyl Bromide	Up to date view of Methyl Bromide usage in this country

- 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:**

The portfolio of National Ozone Officer is incorporated into the functions of the Technical Coordinator whereas the National Ozone Assistant is a full time position dedicated to the implementation of the phase out of ODS and matters relating to the Montreal Protocol. The National Ozone Officer and National Ozone Assistant report to the Manager, Environment Resource Management as well as the Chief Executive Officer (CEO) of the EMA. The CEO reports to the Board of Directors of the EMA which is accountable to the Minister of the Environment. All communications to heads of Government agencies originate from the office of the CEO, whereas all other correspondence emanate from the ODS office.

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

The plan of action will be incorporated with the Environmental Management Authority's Planning process as it is addressed in the National Environmental Policy for Trinidad and Tobago (1998). This policy incorporates the country's responsibilities towards meeting compliance with the Vienna Convention for the Protection of the Ozone Layer and the Montreal Protocol for the Phase Out of ODS. The ODS Unit of the EMA is supported by the IS project. The mission on the EMA is to ensure the protection, wise use and enhancement of the environment in Trinidad and Tobago, thereby contributing to an improved quality of life through:

- Active partnership with all sectors of the community
- Public awareness and education
- Co-operation with public entities in respect of environmental management programmes
- Development and enforcement of environmental laws
- Being proactive as well as responsive to environmental concerns

The functions of the ODS Unit are integrated into the mission and operations of the EMA.

## 12. Planned Project Cost:

	<b>Planned Project Cost</b>	<b>MLF Funding</b>	<b>Counterpart Funding</b>
a) Equipment component	9,000	4,000	5,000
b) Professional Staff (ODS Project Officer and ODS Project Assistant)	55,800	42,000	13,800
c) Support staff, transportation and other facilities of the EMA	17,160	-	17,160
d) Operational costs	4,480	1,480	3,000
e) Funds for public awareness	18,800	6,800	12,000
f) Contingency	7,436	5,720.00	1,716
<b>Total Amount (\$US)</b>	<b>112,676</b>	<b>60,000</b>	<b>52,676</b>

**13. Personnel required:**

Category and Numbers	Functional Titles/Expertise	Main Tasks	Time Period
Professional Staff (2)	ODS Project Officer	To coordinate and execute all activities with the stated objectives	2 years
	Project Assistant	To support the Project Officer in the execution of the stated objectives	2 years
Support Staff (various)	Technical, educational, communication, managerial and administrative staff of the EMA, other governmental agencies and non-governmental agencies	To provide multi-disciplinary support services to the ODS Unit housed in the EMA	2 years

**14. Title and schedule of reports to be submitted:**

To Whom:	Title of Report	Planned Submission (Year/Quarter)
1. Government Departments	1. 2004 Annual Report 2. Monthly Status Report	January 2005
2. Reports to Multilateral Fund Secretariat	Annual Data Reporting	September- annually
3. Reports to Ozone Secretariat	Annual Data Reporting	May -annually
4. Implementing Agency (UNDP)	Quarterly Progress	Quarterly
5. Other Implementing Agency(ies) (UNEP)	Annual Reports	Annually
6. Others: Caribbean ODS- Network	Status report on Phase Out activities	Biannually

**15. Action Plan prepared by:**

<b>Name of Officer responsible for preparing the Action Plan:</b>	Anil Sookdeo
<b>Title:</b>	Technical Coordinator and National Ozone Officer
<b>Organization/Agency/Ministry:</b>	Environmental Management Authority
<b>Date:</b>	September 23, 2004

**16. Government endorsement:**

<b>Action Plan authorized by:</b>	Dr. Dave McIntosh
<b>Title:</b>	Managing Director/Chief Executive Officer
<b>Supervising Organization/Agency/Ministry:</b>	Environmental Management Authority
<b>Date:</b>	September 23, 2004

**17. Submission of Action Plan:**

<b>Name of Implementing Agency:</b>	
<b>Name of Project Officer:</b>	
<b>Date:</b>	
<b>Comments of Implementing Agency:</b>	

**PROGRESS OF IMPLEMENTATION OF COUNTRY PROGRAMMES**  
**A. Data on Controlled Substances (in METRIC)**

NOTE: Data entry is required in UNSHADED cells only

Substance <sup>1</sup>	Trinidad and Tobago													Production <sup>2</sup>
	YEAR: January to December of the year 2003													
	Consumption by Sector													
	Aerosol	Foam	Fire Fighting	Refrigeration		Solvent	Process agent	Methyl bromide use	Tobacco fluffing	TOTAL	Import	Export		
Annex A, Group I				Manufacturing	Servicing									
CFC-11					0.40					0.40	0.40			
CFC-12					60.89					60.89	60.89			
CFC-113										0.00				
CFC-114										0.00				
CFC-115					2.05					2.05	2.05			
Sub-Total	0.00	0.00		0.00	63.34	0.00	0.00	0.00	0.00	63.34	63.34	0.00	0.00	
Annex A, Group II														
Halon 1211										0.00				
Halon 1301										0.00				
Halon 2402										0.00				
Sub-Total					0.00					0.00	0.00	0.00	0.00	
Annex B, Group II														
Carbon tetrachloride							0.00			0.00	0.00			
Sub-Total							0.00			0.00	0.00	0.00	0.00	
Annex B, Group III														
Methyl chloroform										0.00				
Sub-Total							0.00			0.00	0.00	0.00	0.00	
Annex C, Group I														
HCFC-22					209.02					209.02	209.02			
HCFC-141b										0.00				
HCFC-142b										0.00				
HCFC-123										0.00				
Other <sup>3</sup>										0.00				
Sub-Total		0.00	0.00	0.00	209.02					209.02	209.02	0.00	0.00	
Annex E														
Methyl bromide								0.66		0.66	0.66			
Sub-Total								0.66		0.66	0.66	0.00	0.00	
TOTAL	0.00	0.00	0.00	0.00	272.36	0.00	0.00	0.66	0.00	273.02	273.02	0.00	0.00	

<sup>1</sup> Where the data involves a blend of two or more substances, the quantities of individual components of controlled substances must be indicated separately, e.g.: For R502 consisting of 51.2% CFC-115 and 48.8% HCFC-22, indicate the total quantity of each controlled substance (i.e., CFC-115 and HCFC-22) in the appropriate row.  
<sup>2</sup> Where applicable.  
<sup>3</sup> Indicate relevant controlled substances.