

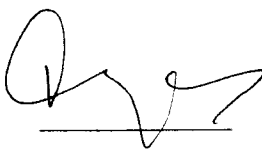
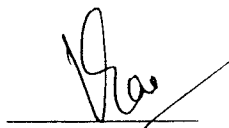
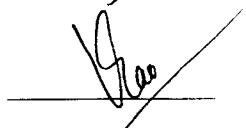
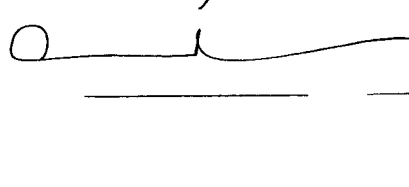
**UNITED NATIONS DEVELOPMENT PROGRAMME
PROJECT OF THE GOVERNMENT OF INDIA**

PROJECT DOCUMENT

Number and title	IND/SEV/41/INS/367- Institutional Strengthening\ Project for the phaseout of Ozone Depleting Substances under the Montreal Protocol Phase V
Duration	Two years
Sector covered	All Sectors
National Executing Agency	Ministry of Environment & Forests (MOEF)
MLF Grant	US \$ 373,230

Brief Description: The objective of the project is to continue and strengthen the functioning of Ozone Cell in the Ministry of Environment & Forests, Government of India, as the nodal agency to deal with all matters relating to the phaseout of Ozone Depleting Substances (ODS) under the Montreal Protocol.

Under Phase-V, work will continue on follow up and implementation of legal and other measures towards attaining objectives of India Country Programme under the Montreal Protocol. It is, therefore, essential that the continued functioning of the Ozone Cell be supported by the Multilateral Fund in order to maintain the programme momentum.

On behalf of	Signature	Name and title	Date
The Government DEA		VINI MAHAJAN DIRECTOR	17-5-2004
National Coord. Agency (MOEF)		USHA CHANDRASEKAR DIRECTOR	06-04-2004
The Executing Agency (MOEF)		USHA CHANDRASEKHAR DIRECTOR	06-04-2004
The UNDP		Manjiv Dewnif SDRR	07-06-2004

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PROJECT OF THE GOVERNMENT OF INDIA

MONTREAL PROTOCOL INSTITUTIONAL STRENGTHENING PROJECT: PHASE - IV.

1. PROJECT OBJECTIVE

The project will allow Ozone Cell in the Ministry of Environment & Forests (MOEF) to continue to plan, organize, develop and coordinate relevant activities for the implementation of India's Country Programme for the phaseout of Ozone Depleting Substances (ODS) under the Montreal Protocol.

2. BACKGROUND

India became a Party to the Montreal Protocol on 17 September, 1992. Ozone Cell was established on 1 April 1993 and is fully operational. It is the focal point for coordinating all activities of the Montreal Protocol in India, including coordination with the Fund Secretariat, implementation agencies, enterprises, industry associations, other Ministries and institutions, UNEP, Ozone Secretariat, other countries, NGOs, Press etc. It plans project preparation activities in coordination with implementing agencies and their consultants.

Ozone Cell is supervised and guided by the Steering Committee of MOEF and its four Standing Committees, all of which are concerned solely with the Montreal Protocol matters. The Steering Committee is empowered to recommend project proposals for funding by the Multilateral Fund. Policy proposals are initiated by the Ozone Cell in consultation with related Government Departments and institutions, industry and others and within the context of the action plan described in the Country Programme. Decisions are taken by MOEF to facilitate this project.

All documents of the Executive Committee and of Meetings of the Parties to the Protocol are processed by the Ozone Cell. All administrative and financial matters of the Ozone Cell are also handled by its own staff. The Ozone Cell has a coordinating and monitoring function for all approved and completed projects. Project specific difficulties are taken up with concerned enterprises. In respect of UNDP and UNIDO projects, the Ozone Cell is a signatory party to "Project Documents" and "Handover Protocols". It also processes and provides 'Certificates' for the exemption of customs and excise duties for projects being

implemented by the World Bank, UNDP and UNIDO with each purchase order requiring a separate certificate.

The Ozone Cell is now fully operational and organizing its activities with the financial assistance through Institutional Strengthening Project.

3. **ACTIVITIES COMPLETED AND PROGRESS MADE**

Information about progress of ODS phaseout in India for the period from the beginning is available with the Fund Secretariat. A Country Programme Progress report covering the last two years is annexed.

4. **PROJECT ACTIVITIES PLANNED**

A detailed action plan covering the next two years is also annexed herewith.

5. **PROJECT INPUTS AND FINANCING**

The proposed budget for the fourth phase of the Institutional Strengthening Project (October 2001 - September 2003) is as follows :

Components	Budget (US \$)
a) Personnel and related subcontracts	100,000
b) Upgrading /replacing existing equipments	50,000
c) Essential travel costs	50,000
d) All other operational costs	173,230
Total	373,230

6. **PROJECT IMPLEMENTATION**

UNDP will be implementing agency and will provide technical assistance during the project implementation phase. The project will be implemented under the National Execution modality.

7. SPECIAL CONSIDERATIONS

The Executive Committee of the Multilateral Fund decision 33/12 **decided** that Governments commit to ensure that:

- i. The National Ozone Unit is given a clear mandate and responsibility to carry out the day-to-day work in order to prepare, coordinate and, where relevant, implement the government's activities to meet its commitments under the Montreal Protocol; this also requires access to decision-makers and enforcement agencies;
- ii. The National Ozone Unit's position, capacities, and continuity of officers, resources and lines of command within the authority in charge of ozone issues are such that the National Ozone Unit can carry out its task satisfactorily;
- iii. A specified high-level officer or a post within the authority is given overall responsibility for supervising the work of the National Ozone Unit and ensuring that action taken is adequate to meet commitments under the Protocol;
- iv. Necessary support structures, such as steering committees or advisory groups are established, involving other appropriate authorities, the private sector and non-governmental organizations, etc;
- v. Personnel and financial resources and equipment provided by the Multilateral Fund are fully allocated to the task of eliminating ODS consumption and production and are made available to the National Ozone Unit;
- vi. Annual work plans for the National Ozone Unit are prepared and integrated in the authorities' internal planning processes;
- vii. A reliable system to collect and monitor data on ozone depleting substances imports, exports and production is established; and
- viii. Measures taken and problems encountered are reported to the Secretariat and/or the implementing agency in charge of the institutional strengthening project when required by the Executive Committee.

Terminal Report for Institutional – Strengthening Projects

(Sections 1-20 to be completed by the country concerned prior to sending it to the implementing agency for comments in Section 21)

1. **Country :** India
2. **National Implementing Agency/Ozone Unit :** Ozone Cell,
Ministry of Environment
& Forests, Government
of India
3. **Implementing Agency :** UNDP
4. **List of previous project phases :**

<i>Phase</i>	<i>Duration</i>	<i>MLF Funding (Approved)</i>	<i>MLF Funding (Disbursed)</i>
ISP Phase I	3 years (1994-1997)	US\$ 430,000	US\$ 430,000
ISP Phase II	2 years (1997-1999)	US\$ 287,100	US\$ 287,100
ISP Phase III	2 years (1999-2001)	US\$ 287,100	US\$ 287,100
ISP Phase IV	2 years (2001-2003)	US\$ 287,100	US\$ 199,500*

* The remaining funds are expected to be disbursed by UNDP to ISP before 31st July 2003.

5. **Indicate the main project objective and the detailed objectives as defined in the action plan for the phase report upon:**

MAIN OBJECTIVES :

The main objective of the project was to allow the Ozone Cell in the Ministry of Environment & Forests to continue to plan, organize, and develop and co-ordinate relevant activities for the implementation of India's Country Programme for the phase-out of Ozone depleting substances (ODS) under the Montreal protocol.

DETAILED OBJECTIVE:

1. Implementation of Country Programme
2. Preparation and processing of ODS Phase out projects
3. management and creation of database and monitoring of gradual phase out of production of CFC project
4. Implementation of Approved projects
5. Monitoring of completed projects to verify the phase-out of ODS
6. development and finalization of ODS regulations & implementation
7. Awareness creation

8. Clearing house and information dissemination
9. Participation in the Executive Committee, Open Ended Working Group and Meeting of parties and other related meetings to the Montreal Protocol.
10. Report submission especially Article 7 report, and Country Programme Progress Reports.
11. Mission of Implementing Agencies and Evaluation and Monitoring Mission of MLF.

6. Describe the results achieved by category and compare them with the results foreseen in the Action Plan:

Year	Activities	Results Expected	Results Achieved
2 years (from 1 st October 2001 till date)	Preparation and processing of ODS phase out projects	<ul style="list-style-type: none"> • Strategies were to be developed in aerosol, foam, commercial refrigeration, solvent, and process agent, and CTC production closure project • RAC service sector • Customs Training Strategy 	12 investment projects including 3 terminal phase out projects in foam, aerosol and commercial refrigeration sector to phase out 2649 ODP tones, CFC production gradual phase out project and 8 non investment projects have been approved by the Ex-Com.
	Management and creation of database and monitoring of gradual phase out of production of CFC project.	<ul style="list-style-type: none"> * 2001 and 2002 Annual Plan of CFC production phase out project was to be implemented. * 2003 Annual Plan for CFC production phase out project has been prepared. 	<ul style="list-style-type: none"> * As per agreement, 3776 MT of CFC production has been reduced during the year 2001 and 2002. * 39th Ex-Com approved the plan and the same is under implementation.
	Implementation of Approved projects	Approved projects were to be implemented during the project period	58 projects in various sectors have been completed 3500 ODP tones has been phased out and 47 projects are nearing completion which would phase-out 1340 ODP tones. 12 projects approved during the period are in various stages of implementation.
	Monitoring of completed projects to verify the phase-out of ODS	Inspection of completed projects to confirm the phase-out of ODS	25 industries were visited and destruction of old equipments and phase-out of ODS at the enterprise has been confirmed
	Finalization of ODS regulations and implementation	<ul style="list-style-type: none"> • The Ozone Depleting Substances (Regulation and Control) Rules, 2000 were notified in the Gazette of India 	<ul style="list-style-type: none"> • The ODS (Regulation and Control) Rules, 2000 have been notified in the Gazette of India on 19th July 2000.

		<ul style="list-style-type: none"> • ODS Amendment Rules, 2001 were published in December 2001. 	<ul style="list-style-type: none"> • The provisions of registration and licensing and reduction of CFC production have been enforced.
	Awareness creation	<ul style="list-style-type: none"> • International ozone Day was to be organized. • Information materials was to be developed • Posters, stickers, were to be printed for distribution 	<ul style="list-style-type: none"> • International ozone Day in 2001 and 2002 was celebrated. • A booklet on the Success Story of the Montreal protocol was published in the 2001 and the second edition was published in 2002. • Posters, stickers with the theme of the year have been published & distributed
	Clearing house information dissemination	Newsletter consisting of technical know-how and ODS phase out status at national and international level was to be published	6 issues of newsletter were published during first year. Another 6 issues are being published in the 2 nd year.
	Participation in the Executive Committee Open Ended Working Group and Meeting of Parties and other related meetings to the Montreal Protocol	6 Executive Committee meetings, 2 OEWG, 2 MOP and 4 network Meetings were to be attended	All meetings have been attended by Indian delegation.
	Report submission	<p>The following reports were to be submitted:</p> <ul style="list-style-type: none"> • Report on Article 7 and 9 to Ozone Secretariat • Progress report on implementation of Country Programme for the year 2001 and 2002 to MLF. 	<ul style="list-style-type: none"> • Report on Article 7 for the year 2001 was submitted to the Ozone Secretariat. The report for 2001 and 2002 have also been submitted in June 2003. • The progress report on implementation of Country Programme for the year 2002 has been submitted to MLF.
	Mission of Implementing Agencies and evaluation and monitoring mission of MLF.	Missions and Multilateral Fund to India for project preparation, implementation of approved projects and monitoring and evaluation of completed projects	<ul style="list-style-type: none"> • 12 missions of implementing agency visited during the period for project preparation & implementation of projects • 2 missions of Monitoring and Evaluation Team of the MLF visited to monitor 13 aerosol industries, 3 solvent industries, 2

			mobile air-conditioner industries and 5 fire extinguisher industries and 1 halon closure plant.
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Describe additional results unforeseen in the Action Plan:

- RAC Service sector strategy and Customs Training Strategy have been prepared and submitted to MLF for consideration at 40th Ex-Com.
- National CTC Production and Consumption Phase out Plan has been prepared and submitted to MLF for consideration at 40th Ex-Com.

7. Breakdown of approved costs, actual expenditures and Government funding as pertinent:

	Approved (US \$)	Spent Up to March 2003 (US \$)	Government Funding (US \$)	Other Sources (US \$)
a) Equipment component	10,000	2668	-	-
b) Professional Staff	55,000	39521	60,000	-
c) Support staff	-	-	8,000	-
d) Consultants	-	-	-	-
e) Operational cost	176,000	90051	-	-
f) Funds for public awareness			-	-
g) Contingency	26,100		-	-
h) Others including in-kind (specify)	20,000	13401	-	-
Total Amount	287,100	145,641	68,000	-

8. Personnel Employed:

Category and Numbers	Functional Titles/Expertise	Main Tasks	Time Period
Professional Staff – Three			
1.	Director	Overall supervision of implementation of the country programme and provisions of the Montreal Protocol.	Till 2010
1.	Joint Director and	Assisting in planning and in activities relating to implementation of the country programme and provisions of the Montreal Protocol.	- do -
1	Scientist	- do -	do

Support Staff – 8			
1.	Accounts Officer	Management of project account	Do
1.	Personal Secretary	Assisting to Director	Do
2.	Project Assistant	Assisting in processing of project files and other activities related to implementation of policy measures, awareness	Do
2.	Secretary cum Computer Operator	Assisting professional staff	Do
2	Messenger	Assisting to professional staff and Director (Ozone)	Do
Consultants – 1			
	Chairman of the Technology & Finance Standing Committee	To recommended the projects fiscal incentives and policy measures for implementation of the Montreal protocol for approval of the Empowered Steering Committee	Do

9. Were resources (staff, budget, equipment) used for activities in addition to the approved action plan? If so, please specify:

No resources have been used for activities other than the activities in approved action plan.

10. Describe the role and position of the NOD within the national administration, the way its work is supervised and its access to senior decision-makers; this may include the cooperation with steering committees, advisory groups or inter-ministerial bodies:

The Ozone Cell in the Ministry of Environment & Forests is the focal point for coordinating all activities of the Montreal Protocol in India including co-ordination with the Fund Secretariat, the Implementing Agencies, enterprises, industry associations, other Ministries and institutions, UNEP Ozone Secretariat, other countries, NGOs Press etc. It receives projects from the Implementing Agencies, processes them and with the approval of the competent authority endorses the proposals for approval by the Executive Committee. It also formulates policy and regulatory measures and implements them.

The Ministry has set up an Empowered Steering Committee chaired by the Secretary (Environment & Forests) which is the apex body to take decisions on all policy measures and approves investment and non

investment ODS phase out projects for submission to the Executive Committee. The Empowered Steering Committee is supported by four Standing Committees such as Technology and Finance Standing Committee, Standing Committee on Small Scale, Tiny and Unorganized Industries, Standing Committee on Monitoring and Standing Committee on approved phase out projects.

The Ozone Cell is headed by a Director. The Steering Committee is responsible to the Ministry of Environment for the implementation of the Montreal Protocol. All investment and non investment projects and policy measures are approved by the Steering Committee.

The activities of the Ozone Cell are undertaken under the supervision of the Director (Ozone). Prior to undertaking any work or activity, the proposals are prepared in the Ozone Cell and submitted for approval to the Joint Secretary, Special Secretary and Secretary (E&F). The activities relating to policy and regulatory measures are sent to Minister (Environment & Forests) for approval. However, Secretary (E & F) as the Chairman of the Empowered Steering Committee has been directly guiding and supervising the activities of the Ozone Cell relating to ODS phase out programme under the Montreal Protocol.

11. Describe how the action plan for the IS project has been integrated in the national authorities' planning process:

The Annual Action Plan for the Institutional Strengthening Project has become a part of the Annual Plan of the Ministry of Environment & Forests. The Ministry implements the Annual Action Plan with the approval of the Planning Commission of India.

12. Title and date of reports submitted:

<i>To Whom:</i>	<i>Title of Report</i>	<i>Submission (Year/Quarter)</i>	
		<i>Planned</i>	<i>Actual</i>
1. Government Departments	• Progress report on implementation of annual action plan of ISP	Quarterly	Submitted
	• Annual activities under the protection of ozone layer for inclusion in the Annual report of the Ministry	Yearly	-do-
	• Progress report on implementation of investment and non investment projects approved by the Multilateral Fund.	Yearly	-do-
	• Report on important activities for the Cabinet Secretary	Monthly	-do-
	• Reports pertaining to the questions, financial matter etc.	As required	-do-
2. Reports to Multilateral Fund Secretariat	• Country Programme progress report	Yearly	Submitted
	• Sector wise consumption of ODS report	Yearly	-do-
	• Terminal report of ISP	Bi-annually	-do-
	• Reports/comments on policy papers	As required	-do-

3. Reports to Ozone Secretariat	<ul style="list-style-type: none"> Article 7 data Report on production, export and import of process agent (decision 10/14) Report under Article 9 	Annually Annually Annually	Submitted -do- -do-
4. Implementing Agency (UNDP)	<ul style="list-style-type: none"> Annual progress report for TPR meeting Annual Audit Report Terminal Report of Institutional Strengthening Project Administrator's Annual Report 	Annually Annually Annually Annually	Submitted -do- -do- -do-
5. Other Implementing Agency (ies)	<ul style="list-style-type: none"> Preliminary data for CTC production to MLF and World Bank Report on international ozone Day to UNEP Report on the project "Development of Policy and regulatory training strategy in India" to UNEP 	One time Annually One time	Submitted -do- -do-
6. Bilateral Donor(s)	Reports on the project for preparation of National service sector strategy to Government of Switzerland and Govt. of Germany.	One time	Submitted
7. Others	Reports on Ozone and UV monitoring and research on impact of UV on eco-system to WMO	Tri-annually during 2002	Submitted

13. Were adequate advice and/or technical support received from:

	Yes	No	<i>Please specify</i>
a) Implementing Agency	√		UNDP provided advice regarding procurement of hardware suitable for the project work. It also extended support to develop a plan for study tour for ozone officers to other developing countries in Asia.
b) Other implementing agency(ies)	√		<ul style="list-style-type: none"> World Bank, UNIDO and UNDP-DTIE assisted in preparing the CTC National Phase out Plan and Customs Training Strategy for India.
c) Bilateral Donor(s)	√		<ul style="list-style-type: none"> Government of Australia and Canada involved in implementation of Halon Banking Project. Government of Switzerland and Government of Germany together with UNDP and UNEP prepared RAC Service Sector Strategy.
d) Government Departments	√		<ul style="list-style-type: none"> Ministry of Commerce and Director General of Foreign Trade had provided full support for implementation licensing system. Customs authority had extended support to check illegal trade in ODS. Development Commission, Small Scale Industries, have been providing full support for identification of Small Industries, preparation of projects and implementation of approved projects.
e) National Steering Committee	√		<ul style="list-style-type: none"> The Empowered Steering Committee is the Apex Body to advise and take decisions on all policy issues and implementation of the Montreal

			Protocol in India. Time to time it provides all supports to the National Ozone Unit for smooth implementation of the ODS phase out programme.
f) Others (Please specify)	√		▪ Industry associations and NGOs had provided adequate support in CFC production phase out sector strategy and awareness creation.

14. Support received from Regional Network (Network Coordination/ Manager and Network members) and input provided to the Network :

<i>Support received from Regional Network</i>	<i>Input provided to network</i>
<p>UNEP has established the South Asia Network in 1998. The South Asia Regional Network organized three main meetings and three follow-up through the Network provided the following support:</p> <ul style="list-style-type: none"> ▪ Scientific information on ozone layer and alternative technologies. ▪ Date collection under Article 7 ▪ Information dissemination through electronic mail ▪ Interaction between member countries ▪ Control of illegal trade ▪ Implementation of decisions taken by the Executive Committee and Meeting of Parties. ▪ Training for ozone officers ▪ Input provided for national strategy and Country Programme updation ▪ Co-ordination by Regional Network co-ordinator with member countries ▪ Guidance provided by network manager for implementation of various decisions of Ex-Com and Meeting of Parties. 	<ul style="list-style-type: none"> ▪ We shared our school information kits with countries in this region and distributed its brochure "India's Success Story". ▪ We presented the development and implementation of ODS rules. ▪ We presented the problems related to illegal trade. ▪ We participated in discussions and drafting of recommendations of the network meeting. ▪ We provided training to new ozone officers of other member countries. ▪ We distributed information and awareness material. ▪ Provided training to ozone officers of Mongolia.

15. Was the NOU subject to an audit by the beneficiary Government or by the Implementing Agency? If yes, what were the results?

Implementing Agency appointed an auditor to conduct performance and financial audit of the Institutional Strengthening Project for the period 2000.

16. Lessons learnt (what were the main successes and difficulties and what can be learnt from them for improving effectiveness and impact during the next phase):

SUCCESS :

- The Government has ratified Copenhagen, Montreal and Beijing Amendments on 3.3.2003.
- The Ozone Depleting Substances (Regulation and Control) Amendment Rule, 2001 have been published in December 2001 in the Gazette of India.
- Appropriate activities have been undertaken to create awareness about the ODS Rules among industries producing and consuming ODS.
- 12 investment projects including 3 terminal projects in foam, commercial refrigeration and aerosol have been approved to phase out 2649 ODP tonnes, and 8 non-investment projects have also been approved.
- 58 projects have been completed and phased out 3500 ODP tonnes.
- Refrigeration and Air-Conditioning Service Sector Strategy, chiller sector strategy and policy and customs training strategy have been prepared and submitted.
- A project for phasing out of total halon production (in SRF and NFI) and consumption has been approved at a cost of US \$ 2.6 million.
- National CTC phase out Plan has been prepared and is likely to be submitted in July, 2003 Ex-Com.

DIFFICULTIES:

Identification of projects in the solvent sector.

17. Terminal Report prepared by:

Name of Officer responsible for preparing the Terminal Report:	Mrs. Usha Chandrasekhar
Title:	Director (O)
Organization/Agency/Ministry:	Ozone Cell, Ministry of Environment & Forests, Government of India
Date:	

18. Government Authority with oversight responsibility for the IS Project/NOU :

Name of Officer responsible for preparing the Terminal Report:	Mr. K. C. Misra
Title:	Secretary (E & F)
Organization/Agency/Ministry:	Ministry of Environment & Forests, Government of India
Date:	15-05-2001
<u>Comments:</u>	
The activities conducted and services rendered by the Ozone Cell are commendable. I wish the NOU will perform equally well in the future to enable India to comply with the provisions of the Protocol.	

19. Implementing Agency :

Name of Officer responsible :	Mr. Jacques Van Engel
Title:	Programme Coordinator
Organization/Agency/Ministry:	UNDP-MPU
Date:	13 October 2003
<u>Comments:</u>	
With a Montreal Protocol programme as large and diversified as is the case in India, and with the number of agencies and stakeholders involved, one can only be in admiration for the hard work and dedication of India's Ozone Cell and its staff.	

Extension of Institutional Strengthening Projects Plan of Action

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

1. Country: India
2. National Implementing Agency/Ozone Unit Ozone Cell, Ministry of Environment & Forests
3. Implementing Agency: UNDP
4. Period of Extension: From (month/year) to (month/year)
(Based on the approved guidelines) 1st October, 2003 to 30th September, 2005
5. Amount of MLF funding requested; US \$ 373,230/-
6. Status of ratification:

<i>Amendment</i>	<i>Ratification Date</i>
London Amendment	16.06.1992
Copenhagen Amendment	03.03.2003
Montreal Amendment	03.03.2003
Beijing Amendment	03.03.2003

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 implantation 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.**

Chlorofluorocabons (CFCs)-11, CFC-12 are used in Aerosol, Foam and Refrigeration & Air conditioner Sector, CFC-113 used in solvent sector. Halon 1211, Halon 1301 are used in fire extinguisher. Carbon tetrachloride and methyl chloroform are used in solvent sector. Sector wise consumption data for each ODS for 2000 and 2001 which has been submitted to Fund Secretariat is enclosed at Annexure 'A'.

8. Indicate the main project objective for the next phase in relation to the country compliance with the provisions of the Montreal Protocol:

- Prepare country programme update.
- Implementation of National CTC production and consumption phase out plan.
- Implementation of RAC Service Sector Strategy and Customs and Policy Training Strategy.
- Implementation of Terminal Phase out Project in Aerosol, Foam, Commercial Refrigeration and Halon Sector.
- Implementation of the Ozone Depleting Substances (Regulation and Control) Rules, 2000, and Amendment Rule, 2001.
- Implementation of the licensing system and fiscal incentive
- Compliance with the provisions of the Copenhagen, Montreal and Beijing Amendments to the Montreal Protocol. Submission of data on production, export and import of Hydrochloro-fluorocarbons (HCFCs), methyl bromide.
- Preparation of investment project for methyl bromide consumption
- Auditing, monitoring and the implementation of the individual investment projects to achieve phase out of ODS in order to meet 2005 and 2007 compliance targets.
- Reporting of Article 7 data to the Ozone Secretariat. Progress report on implementation of Country Programme to Multilateral Fund and other reports to implementing agencies and to National Government.
- Awareness programmes (Seminar, workshop, print and Electronic media and publication on Ozone layer protection and alternative technologies).
- Implementation of the CFC production phase out project and technical assistance component under this project.
- Evaluation and Monitoring of completed investment projects in aerosol, foam, refrigeration and solvent sectors.

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

Year	Objectives	Planned Activities	Results Expected
1 st Year	1. country Programme update	<ul style="list-style-type: none"> ◆ Collection of data on production and consumption of ODS ◆ Survey of remaining industry which would be incorporated under terminal phase out plan of foam, aerosol, commercial refrigeration, solvent and national CTC phase out plan. ◆ Creation of database. ◆ Meetings and workshop will be organized to discuss the draft Country Programme. ◆ Approval of the final country programme update. 	Country Programme will be updated in line with the guidelines to be approved by Ex-Com and submitted to the Executive Committee for approval.
	2. Sectoral Phase-out of ODS	<ul style="list-style-type: none"> • Annual Plan as per the agreement of terminal foam, commercial refrigeration, aerosol and national CTC consumption and production phase out plan. • Annual Plan for CTC and CFC production phase out project 	To achieve the reduction target as specified in respective agreements.
	3. Preparation of new projects.	<ul style="list-style-type: none"> • Technical assistance and investment projects for methyl bromide. 	Projects would be submitted at 44 or 45 Ex-Com meeting.
	4. Implementation of the ODS (Regulation and Control) Rules, 2000 and its amendments	<ul style="list-style-type: none"> ◆ The registration of producers of ODS and enterprises using ODS ◆ License to be issued for export and import of ODS, Products made with or containing ODS ◆ Enforcement of other provisions of the Rules ◆ Awareness creation about ODS phase out among target groups 	Facilitate compliance with the provisions of the Protocol and its amendments.
	5. Implementation of fiscal measures and licensing systems	<ol style="list-style-type: none"> 1. All approved Projects which are under implementation in 2003 & 2004 will be provided fiscal incentive. 2. All producers of CFC's and HCFC will be provided bulk license to export CFC's during 2004 & 2005. 3. All import of HCFC 141b HCFC 124 and other substitutes for ODS will be considered for issue of import license. 	Control of consumption and supply of ODS.
	6. Implementation of approved projects	<ul style="list-style-type: none"> • About 75 projects are under various stages of implementation. These projects are likely to be completed during 2003-2005. 	The completion of these projects will phase out about 2000 ODP tonnes.
	7. Implementation of gradual phase out strategy of production of CFC	<ul style="list-style-type: none"> ◆ 2003 Annual Work Programme for the gradual phase out of production of CFC project has been approved by the Ex-Com and is under implementation. ◆ 2004 Annual Work Programme will be prepared. ◆ Technical assistance activities under CFC production phase-out will be carried out. 	<p>Implementation of the work plan will reduce 1883 Tonnes of CFC production in India.</p> <p>This will be submitted to 42nd Ex-Com. Meeting in March 2004.</p>

	8. Monitoring and evaluation of completed projects	25 completed and 18 ongoing projects will be visited by National Monitoring and Evaluation Team.	Monitoring of completed projects will ensure the phase out of ODS in the enterprise and implementation of ongoing projects will be expedited.
	9. Compliance with the reporting requirements under the Protocol.	<ul style="list-style-type: none"> ◆ Data on production import, export and feedstock will be collected analyzed and processed for administrative approval for submitting to the Ozone Secretariat under Article 7 of the Protocol for 2004. ◆ Sectoral consumption data of ODS will be submitted to the Multilateral Fund Secretariat along with the progress report of the implementation of the country programme for the year 2003. 	India will comply with the provisions under Article 7 of the Protocol.
	10. Participating in the meetings conference and workshop related to the Montreal Protocol.	<ol style="list-style-type: none"> 1. India is a member of the Executive Committee and for the year 2003. 2. India is a member of South Asia Network of ODS officers. 	<ul style="list-style-type: none"> ◆ India will participate in the Ex-Com Meetings in 2003 and as a co-opted member 2004, OEWG meetings and Meeting of Parties in 2003 and 2004. ◆ India will also participate in the Network meetings during this period.
	11. Training of new ODS Officers of South Asia Network Member	As per the request of member countries, training programme will be organized.	Training on Management of ISP, data reporting and other activities will be provided.
	12. Awareness	<ul style="list-style-type: none"> ◆ Publication of six issues of newsletter ◆ 2 TV spot films will be telecast. ◆ School package will be developed. ◆ International Ozone Day celebrations ◆ Publication of 5th edition of "India's Success Story" ◆ Publication of posters, stickers etc. ◆ Print and electronic media campaign 	Industry, consumers, students, policy makers and NGO's will become aware of the national compliance a strategy to phase out ODS and about the provisions of the ODS Rules.
	13. Clearing house, information dissemination	<p>The following will be provided on request to actual users:</p> <ul style="list-style-type: none"> ◆ Information material published by UNEP-DTIE and Ozone Secretariat. ◆ Policy decisions of the Meeting of Parties and Executive Committee ◆ Information on ODS Rules and other policy measures of the Government of India ◆ Information on alternative Technology and Substitutes 	To facilitate users to access the information on ozone layer protection and related non ODS technology
	14. Co-ordination between the South Asia Network Member countries	<ul style="list-style-type: none"> • Necessary information on regulation, licensing system and implementation of ODS phase out programme will be provided to member countries • Necessary technical support will be provided to member countries 	Enable the other members for smooth implementation of the Montreal Protocol in their countries.

1. Implementation of the country programme update	<ul style="list-style-type: none"> ▪ Stakeholder workshop in each sector will be organized to discuss the phase out of ODS at national level. ▪ Industries will be informed about the national priority on ODS phase out and enforcement of the ODS Rules ▪ Additional policy measures will be developed to facilitate compliance target given in the Protocol. 	Meeting the compliance targets of the Protocol
2. Sectoral phase out of ODS	<ul style="list-style-type: none"> • Annual Plan as per the agreement of terminal foam, commercial refrigeration, aerosol and national CTC consumption and production phase out plan. • Annual Plan for CTC and CFC production phase out project 	To achieve the reduction target as specified in respective agreements.
3. Preparation of new projects	<ul style="list-style-type: none"> • Technical assistance and investment projects for methyl bromide. 	Projects would be submitted at 44 or 45 Ex-Com meeting.
4. Implementation of ODS Rules	<ul style="list-style-type: none"> ▪ Renewal of registration of industries producing and using ODS ▪ Licenses will be issued to export and import of ODS and product made with or containing ODS ▪ Enforcement of other provisions of Rules. 	Facilitate compliance with the provisions of the Protocol
5. Implementation of fiscal measures	<ul style="list-style-type: none"> ▪ Fiscal incentive will be provided to all the approved projects and new capacity to be implemented during 2003 & 2004. ▪ All producers of CFCs and HCFC will be provided bulk license to export during 2004 and 2005 	Export and imports are regulated and illegal trade in ODS will be prevented.
6. Implementation of approved projects	All individual projects approved by the Executive Committee will be implemented	ODS to be phased out at the enterprises
7. Implementation of gradual phase out strategy of production of CFC and CTC	<ul style="list-style-type: none"> ▪ 2004 work plan for the gradual phase out strategy production of CFC will be implemented ▪ Technical assistance activities under CFC production phase out will be carried out ▪ 2004 work plan for CTC will be implemented. ▪ 2005 work plan for CFC and CTC will be prepared. 	<ul style="list-style-type: none"> • Implementation of the 2004 work plan will reduce 1883 MT of CFC production in India. • Reduction of CTC production as per the agreement.
8. Monitoring and evaluation of completed projects	25 completed and 18 ongoing projects will be visited by National Monitoring and Evaluation Team.	Monitoring of completed projects will ensure the phase out of ODS in the enterprises and implementation of ongoing projects will be expedited.
9. Compliance with the reporting requirements under the Protocol.	<ul style="list-style-type: none"> ▪ Data for 2004 on production, import, export and feedstock will be collected, analyzed and processed for administrative approval for submitted to the Ozone Secretariat under Article 7 of the Protocol 	India will meet the compliance with the provision therein under Article 7 of the Protocol

		<ul style="list-style-type: none"> ▪ Sectoral consumption data of ODS will be submitted to the Multilateral Fund Secretariat along with the progress report of the implementation of the country programme for the year 2003 	
	10. Participation in meetings, conferences and workshops related to the Montreal Protocol	<ul style="list-style-type: none"> ▪ India is a member of the Executive Committee. We will attend the Executive Committee meetings in 2003. ▪ India will attend South Asia Network Officers Meeting between October 2003 to September 2005. 	<ul style="list-style-type: none"> ▪ India will participate 42-44 Ex-Com and 16th Meeting of Parties ▪ India will participate follow-up meeting of 2004 and 2005 main meetings.
	11. Awareness	<ul style="list-style-type: none"> ◆ Publication of six issues of newsletter ◆ 2 TV spot films will be telecast. ◆ School package will be developed. ◆ International Ozone Day celebrations ◆ Publication of 5th edition of "India's Success Story" ◆ Publication of posters, stickers etc. ◆ Print and electronic media campaign 	Industry, consumers, students, policy makers and NGO's will become aware of the national compliance strategy to phase out ODS and about the provisions of the ODS Rules.
	12. Clearing house, information and dissemination	<p>The following will be provided on request to actual users :</p> <ul style="list-style-type: none"> ▪ Information material published by UNEP ▪ Policy decisions of the Meeting of Parties and Executive Committee ▪ Information on ODS Rules and other policy measures of the Government of India ▪ Information on Technology and substitute 	To facilitate user to access the information on ozone layer protection and related non ODS technology
	13. Co-ordination between the South Asia Network Member Countries.	<ul style="list-style-type: none"> ▪ Necessary information on regulation, licensing system and implementation of ODS phase out programme will be provided to member countries ▪ Necessary technical support will be provided to member countries. 	Enable the other members for smooth implementation of the Montreal Protocol in their countries.

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 Ministry of Environment and Forests is the designated authority for the implementation of the Protocol and the country programme. The Ozone Cell has been set up to deal with all matters relating to the phase out of Ozone Depleting Substances. The MOEF has established an Empowered Steering Committee chaired by the Secretary (E & F). This is supported by four Standing Committees such as Technology and Finance Standing Committee, Standing Committee on Small Scale, Tiny and Unorganized Industries, Standing Committee on Monitoring and Standing Committee on Approved Phase out Projects. The National Ozone Unit is headed by a Director. The Steering Committee is responsible to the Ministry of Environment and Forests for the implementation of the Montreal Protocol. All investment and non-investment projects and policy measures are approved by the Steering Committee.

11. Describe how the action plan for the ISP will be integrated in the national authorities planning process.

The Annual Action Plan for the Institutional Strengthening Project is a part of the Annual Plan of the Ministry of Environment and Forests. The Ministry implements the Annual Action Plan with the approval of the Planning Commission of India.

12. Planned Project Cost.

	<i>Planned Project Cost</i>	<i>MLF Funding</i>	<i>Counterpart Funding</i>	<i>Other Sources</i>
a) <i>Equipment component</i>	10,000	10,000	-	-
b) <i>Travel</i>	20,000	20,000	-	-
c) <i>Professional Staff</i>	83,000	25,000	58,000	-
d) <i>Support Staff</i>	47,000	35,000	12,000	-
e) <i>Consultants</i>	15,000	15,000	-	-
f) <i>Operational Cost</i>	180,000	180,000	-	-
g) <i>Funds for public awareness</i>	50,000	50,000	-	-
h) <i>Contingency</i>	26,000	26,000	-	-
i) <i>Others including in-kind (specify) Study tour/training for professional staff of NOU</i>	12,230	12,230	-	-
Total Amount	443,230	373,230	70,000	-

13. Personnel required.

Category and Numbers	Functional Titles/Expertise	Main Tasks	Time Period
<i>Professional Staff - 3</i>			
1.	Director	Overall supervision of implementation of the country programme and provisions of the Montreal Protocol	Till 2010
1.	Joint Director	Assisting in planning and in activities relating to implementation of the country programme and provisions of the Montreal Protocol	- do -
1.	Scientist	- do -	- do -
<i>Support Staff-8</i>			
1.	Accounts Officer	Management of project amount	- do -
1.	Personal Secretary	Assisting to Director	- do -
2.	Project Assistant	Assisting in processing of project files and other activities related to implementation of policy measures, awareness	- do -
2.	Secretary cum- Computer Operator	Assisting professional staff	- do -
2.	Messenger	Assisting to professional staff and Director (Ozone)	- do -

<i>Consultants-1</i>			
1.	Chairman of the Technology and Finance Standing Committee	To recommend the projects fiscal incentives and policy measures for implementation of the Montreal Protocol for approval of the Empowered Steering Committee	- do -

14. Title and schedule of reports to be submitted.

<i>To whom :</i>	<i>Title of Report</i>	<i>Planned Submission (Year/Quarter)</i>
1. Government Departments	1. Progress report on implementation of annual action plan of ISP 2. Annual activities under the protection of ozone layer for inclusion in the Annual report of the Ministry 3. Progress report on implementation of investment and non-investment projects approved by the Multilateral Fund 4. Report on important activities for the Cabinet Secretary 5. Reports pertaining to the parliament questions, financial matters etc.	Quarterly Yearly Yearly Monthly As and when required
2. Reports to Multilateral Fund Secretariat	1. Country programme progress report 2. Sector-wise consumption of ODS report 3. Terminal report of ISP 4. Reports/comments on policy papers	Yearly Yearly Bi-annually As required
3. Reports to Ozone Secretariat	1. Article 7 data 2. Report on production, export and import of process agent (decision X/14) 3. Report under Article 9	Annually Annually Annually
4. Implementing Agency	1. Annual Progress Report for TPR meeting 2. Annual Audit Report 3. Terminal Report of Institutional Strengthening Project 4. Administrator's Annual Report	Annually Annually Annually Annually
5. Other Implementing Agency(ies)	1. Report on international Ozone Day to UNEP 2. Report on the project "development of policy and regulatory training strategy in India" to UNEP	Annually One time
6. Bilateral Donor(s)	Reports on the project for service sector strategy to Government of Switzerland and Government of Germany	One time
7. Others	Reports on Ozone and UV monitoring and research on impact of UV on eco-system to WMO	Tri-annually during 2005

15. Action Plan prepared by :

<i>Name of Officer responsible for preparing the Action Plan :</i>	Mrs. Usha Chandrasekhar
<i>Title :</i>	Director
<i>Organization/Agency/Ministry</i>	Ozone Cell, Ministry of Environment & Forests
<i>Date :</i>	

16. Government endorsement :

<i>Action Plan authorized by :</i>	Mr. K. C. Misra
<i>Title :</i>	Secretary (Environment and Forests)
<i>Supervising Organization/Agency/Ministry</i>	Ministry of Environment & Forests, Government of India
<i>Date :</i>	

17. Submission of Action Plan :

<i>Name of the Implementing Agency :</i>	United Nations Development Programme
<i>Name of the Project Officer :</i>	Jacques Van Engel
<i>Date :</i>	13 October 2003
<i>Comments of Implementing Agency :</i>	With a Montreal Protocol programme as large and diversified as is the case in India, and with the number of agencies and stakeholders involved, one can only be in admiration for the hard work and dedication of India's Ozone Cell and its staff. The upcoming two years will be critical to allow India to remain in compliance with all Montreal Protocol stipulations. The extension should be approved without any hesitation.

IMPLEMENTATION OF COUNTRY PROGRAMME

B. ADMINISTRATIVE AND SUPPORT ACTIONS

COUNTRY : **INDIA** YEAR : **JANUARY – DECEMBER 2002**

Type of Action/Legislation :

1. REGULATIONS :

1.1 Establishing general guidelines to control import production and export of ODS.

General guidelines for issuing of license for export and import of ODS have been revised as per the CFC production quota order issued in January 2001 for four CFC producers. Quota order for production of CFC for each calendar year as per ODS Rules has been issued.

1.2 Requiring special permits for import or sale of bulk ODS.

License is mandated for import of ODS since 1996. Dealers and sellers of ODS have registered with the designated authority specified in the ODS Rules. The same procedure was followed in 2002.

1.3 Requiring special permits for import or sale of products or equipment containing ODS.

No provision was proposed in the Country Programme. However, the Ozone Depleting Substances (Regulation and Control) Rules, 2000 have provisions to import and export goods containing or made with ODS by obtaining license from Director General of Foreign Trade (DGFT).

Banning import or sale of bulk quantities of :

1.4 CFC-11

1.5 CFC-12

1.6 Halon-1211

1.7 Halon-1301

The import of CFC-11 and CFC-12 is under license since 1996. As per Ozone Depleting Substances (Regulation and Control) Rules, 2000, manufacturing of fire extinguishers using halon-1211 and Halon-1301 has been banned w.e.f. 1.1.2001. However, import and sale of Halon are allowed to meet the basic domestic need specifically for servicing existing equipment and for essential use. The national Halon Banking and Management Project is under implementation. As per the Agreement with the Fund Secretariat, no import to halon will be allowed after 6 months of the establishment of the Halon Bank in India.

Banning import or sale of bulk quantities of :

1.8 Used CFC containing domestic refrigerators or freezers

1.9 ODS containing aerosol except those for essential uses such as MDI

1.10 Automobiles containing mobile air-conditioning equipment using CFC-12

1.11 Air conditioners and chillers using ODS.

No provision was proposed in the Country Programme. However, the Ozone Depleting Substances (Regulation and Control) Rules, 2000 have provisions to regulate the import of such products against license issued by Director General of Foreign Trade (DGFT).

1.12 Requiring training of refrigeration service technicians.

No provision was proposed in the Country Programme. Training programmes, however, have been undertaken for refrigeration servicing technicians under the Human and Institutional Development in Ecological Refrigeration (HIDECOR). National Refrigeration and Air Conditioning Service Sector Strategy has been prepared in it is proposed to include the training of refrigeration service technicians.

1.13 Requiring certification of refrigeration service technicians

No provision was proposed in the Country Programme. It is proposed in the National Refrigeration and Air Conditioning Service Sector Strategy (RACSSS).

1.14 Banning of use of ODS in production of some or all foam

No provision was proposed in the Country Programme. The Ozone Depleting Substances (Regulation and Control) Rules, 2000 have provisions for banning the use of ODS in production of all foams for this purpose. Since the terminal phase out project of foam and some individual projects are implementation, the Rule pertaining to banning the use of ODS in production of foam is under review.

Other Regulations :

1.15 Ban on financing/refinancing for establishment of new capacity expansion of capacity with ODS technology

Reserve Bank of India has issued instructions in 1997 to all financial institutions and commercial banks not to finance such activities. As the instance of National Ozone Unit, RBI has further circulated their instructions reiterating their stand to all financial institutions and commercial banks in 2000.

1.16 *In accordance with the Consensus Agreement approved in the 29th meeting of the Executive Committee for the gradual phase out of production of CFCs in India, a Quota Order was issued in March 2000. Accordingly, CFC production quota for 2003 has also been issued in favour of all the four producers of CFCs.*

2. ESTABLISHMENT OF INSTITUTIONAL FRAMEWORK FOR MANAGEMENT OF ODS PHASE OUT.

The Government of India has entrusted the work relating to ozone layer protection and implementation of the Montreal Protocol to the Ministry of Environment and Forests (MOEF) and it is the coordinating Ministry in India for all matters relating to the Montreal Protocol. The MOEF has set up an Ozone Cell as a national unit to look after and to render necessary services to

implement the Protocol and its Ozone Depleting Substances (ODS) Phase out Programmes in India.

An Empowered Steering Committee was set up to supervise implementation of the Montreal Protocol. It consists of representatives of all line Government Departments and Industry Associations. Eminent persons from outside Government representing environment, technology and finance disciplines have also been included in the Committee. The Empowered Steering Committee has set up four sub-committees namely:

1. Standing Committee on Technology and Finance.
2. Small Scale Industries
3. Monitoring and Evaluation and
4. Implementation Sub-Committee on approved projects of the Montreal Protocol.

Ozone Cell was set up with the assistance of the Multilateral Fund through Institutional Strengthening Project. It has a Director, Deputy Director, a scientist, a Consultant, an Administrative Officer and six supporting staff. A separate Project Management Unit under the Ozone Cell has also been established to undertake technical assistance and to implement the gradual phase out of CFC production in India.

3. ESTABLISHMENT OF PROCEDURES FOR CERTIFICATION OF SERVICE TECHNICIANS.

This was not proposed in the Country Programme (1993). This issue has been addressed in the National Strategy for Refrigeration and Air-Conditioning Service Sector (RACSSS) which is under consideration of Ex-Com.

4. ESTABLISHMENT OF CHANNELS FOR PUBLIC INFORMATION ON OZONE DEPLETING SUBSTANCES CONTROL ACTION.

Ozone Cell is functioning as the nodal agency for disseminating information on science of Ozone Layer Depletion, provisions of the Protocol and other related issues. In addition, two institutions have been identified viz. Asia Pacific Centre for Transfer of Technology (APCTT) of the United Nations, New Delhi and Project Management Unit for providing information on Ozone Depleting Substances control action.

2. APCTT is publishing bimonthly issues of News Letter "VATIS"

and is being distributed to about 2000 agencies. It is also coordinating a query response service on Ozone issue. A booklet titled "Montreal Protocol : India's Success Story" which contains information on the ozone layer and activities carried out at national level to phase out Ozone Depleting Substances has been published.

3. Information was also disseminated through print and electronic media at the national level. Ozone Cell is collaborating with UNEP-DTIE on a comprehensive national public awareness strategy for the next 10 years as part of the production sector phase out plan. The Project Management Unit is coordinating this activity.

5. MONITORING ACTIVITIES:

5.1 Establishment of a system for monitoring of import (Production export) and use of ODS.

Imports and exports of Annexure A & B substances were licensed in 1996. The Ozone Depleting Substances (Regulation and Control) Rule, 2000 have provisions for licensing export and import of all ODS since 19th July 2000.

Export and import licenses are issued by the Director General of Foreign Trade (DGFT) as per the recommendation of the Ozone Cell. Ozone Cell recommends for export taking into account the previous performance and imports based on the requirement for domestic use.

A National Policy and Customs Training Strategy has been prepared and submitted to MLF for consideration at 40th Ex-Com. One customs officers training workshops has been organized in December 2002.

Ozone Cell is responsible for monitoring of export, import and production by obtaining information from various sources.

5.2 Monitoring System in India :

A detailed monitoring mechanism has been established by the Ozone Cell to ensure that the investments which are being made directly by the Multilateral Fund through implementing agencies are being fruitfully utilized by the enterprises. The monitoring mechanism has the following components:

- Implementation Sub-Committee on approved projects of the Montreal Protocol has been set up under the chairmanship of Special Secretary. This includes representatives from four implementing agencies, other line ministries and industry associations. The sub-committee is an advisory body to the Empowered Steering Committee on the Montreal Protocol, which is fully responsible for the implementation of the Protocol in India. The Committee has developed a detailed format for monitoring and evaluation of the completed investment and non-investment projects.
- The Director (Ozone Cell) has been convening monthly evaluation meetings with representatives of UNDP, IDE I and UNIDO with a view to review the progress of implementation and to sort out short term problems which occurred during the implementation process.
- During the year, a National Monitoring and Evaluation team had visited 24 completed projects and reported complete phase out of ODS at these enterprise. One Evaluation Mission of the Multilateral Fund visited 9 fire extinguisher industries, 2 mobile air-conditioner units and one halon production unit.
- Normally, during the course of the year, Implementing Agencies send several missions to visit implementation sites in case of ongoing projects and completed projects in such cases where hand over protocols have been signed. Two specific missions visited one foam and one commercial refrigeration delayed projects for which Ex-Com has fixed deadline for completion. An officer of MOEF is also accompanying the mission of the Implementing Agency in these visits with a view to evaluate the work being done by the enterprises.

5.3 Establishment of Procedure of ODS data collection/update and transmission/dissemination.

5.4 Annual collection/update and transmission/dissemination of ODS data.

This action was not reflected in the Country Programme. However, a procedure for ODS data collection has been established since 1993.

The Ozone Cell is collecting production and export data from the producers of CFCs, import of CTC and other ODS from importers, Director General of Foreign Trade and Director General of Commercial Intelligence and Statistics. The data is compiled by the Ozone Cell. The Standing Committee set up for this purpose is

reviewing this data during the calendar year and recommends for approval by the ESC. The data approved by the ESC is transmitted to the Ozone Secretariat and Multilateral Fund as per the requirement under Article 7 and various decisions of the Executive Committee.

The data is also published in a booklet for wider dissemination.

5.5 Monitoring of recovery and recycling of ODS.

This action was not proposed in the Country Programme. Action was taken during 2002.

5.6 Monitoring and Evaluation of Training Activities.

This action was not proposed in the Country Programme. However, training activities were organized under HIDECOR project and were reviewed by Joint Project Review Committee chaired by the Director (Ozone). A National Strategy for Training of Policy and Customs Officials has been prepared and submitted for consideration to the 40th Ex-Com. A workshop was organized to train the customs and other enforcement officers at Calcutta in December 2002.

5.7 Establishment and enforcement of product quality standards, e.g. "Ozone Seal", "Green Label", etc.

The Government had formulated a scheme on Labeling of Environment Friendly products called "Eco-Mark" which is implemented through Bureau of Indian Standards, Delhi. Final notifications under this scheme for aerosol and Refrigeration products have been issued. Aerosol products will not be eligible for ECOMARK label if ODS have been used as propellants. Similarly foam with ODS blowing agent, refrigeration with ODS refrigerants and TV cleaned by CFCs and other aromatic halogenated hydrocarbons would not be eligible ECOMARK Label. Bureau of Indian Standards, Delhi has also prepared draft standards for non-ODS fire extinguishers.

PROGRESS OF IMPLEMENTATION OF COUNTRY PROGRAMMES

A. Data on Controlled Substances (in METRIC TONNES)

NOTE: Data entry is required in UNSHADED cells only

Substance ¹	INDIA													Import	Export ²	Production ²	
	YEAR: January to December of the year 2001																
	Consumption by Sector																
Aerosol	Foam	Fire Fighting	Refrigeration		Solvent	Process agent	Methyl bromide use	Tobacco fluffing	TOTAL								
			Manufacturing	Servicing													
Annex A, Group I																	
CFC-11	34.00	2078.90		0.00	82.00									2194.90			
CFC-12	348.00			950.00	1017.00									2315.00			
CFC-113						4.15								4.15			
CFC-114														0.00			
CFC-115														0.00			
Sub-Total	382.00	2078.90		950.00	1099.00	4.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4514.05	0.00	0.00	0.00
Annex A, Group II																	
Halon 1211			60.00											60.00			
Halon 1301			10.00											10.00			
Halon 2402														0.00			
Sub-Total			70.00											70.00	0.00	0.00	0.00
Annex B, Group II																	
Carbon tetrachloride						2189.00	6284.00							8473.00			
Sub-Total						2189.00	6284.00							8473.00	0.00	0.00	0.00
Annex B, Group III																	
Methyl chloroform						0.00	0.00							0.00			
Sub-Total						0.00	0.00							0.00	0.00	0.00	0.00
Annex C, Group I																	
HCFC-22				2973.00										2973.00			
HCFC-141b		259.30		100.00										359.30			
HCFC-142b														0.00			
HCFC-123				25.00										25.00			
Other ³														0.00			
Sub-Total		259.30	0.00	3098.00	0.00									3357.30	0.00	0.00	0.00
Annex E																	
Methyl bromide														0.00			
Sub-Total														0.00	0.00	0.00	0.00
TOTAL	382.00	2338.20	70.00	4048.00	1099.00	2193.15	6284.00	0.00	0.00	0.00	0.00	0.00	0.00	16414.35	0.00	0.00	0.00

1 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.

2 Where applicable.

3 Indicate relevant controlled substances.

PROGRESS OF IMPLEMENTATION OF COUNTRY PROGRAMMES

A. Data on Controlled Substances (in METRIC TONNES)

NOTE: Data entry is required in UNSHADED cells only

Substance ¹	YEAR: January to December of the year											Export ²	Production ²				
	Consumption by Sector																
	Aerosol	Foam	Fire Fighting	Refrigeration Manufacturing	Servicing	Solvent	Process agent	Methyl bromide use	Tobacco fluffing	TOTAL	Import						
Annex A, Group I																	
CFC-11														0.00			
CFC-12														0.00			
CFC-113														0.00			
CFC-114														0.00			
CFC-115														0.00			
Sub-Total	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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			
Sub-Total									0.00	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00
Annex C, Group I																	
HCFC-22														0.00			
HCFC-141b														0.00			
HCFC-142b														0.00			
HCFC-123														0.00			
Other ³														0.00			
Sub-Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annex E																	
Methyl bromide														0.00			
Sub-Total														0.00	0.00	0.00	0.00
TOTAL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

¹ 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.

² Where applicable.

³ Indicate relevant controlled substances.

Standard Annex to project documents for use in countries which are not parties to the Standard Basic Assistance Agreement (SBAA)

General responsibilities of the Government, UNDP and the executing agency

1. All phases and aspects of UNDP assistance to this project shall be governed by and carried out in accordance with the relevant and applicable resolutions and decisions of the competent United Nations organs and in accordance with UNDP's policies and procedures for such projects, and subject to the requirements of the UNDP Monitoring, Evaluation and Reporting System.
2. The Government shall remain responsible for this UNDP-assisted development project and the realization of its objectives as described in this Project Document.
3. Assistance under this Project Document being provided for the benefit of the Government the people of the particular country or territory), the Government shall bear all risks of operations in respect of this project.
4. The Government shall provide to the project the national counterpart personnel, training facilities, land, buildings, equipment and other required services and facilities. It shall designate the Government Co-operating Agency named in the cover page of this document (hereinafter referred to as the "Co-operating Agency"), which shall be directly responsible for the implementation of the Government contribution to the project.
5. The UNDP undertakes to complement and supplement the Government participation and will provide through the executing Agency the required expert services, training, equipment and other services within the funds available to the project.
6. Upon commencement of the project the Executing Agency shall assume primary responsibility for project execution and shall have the status of an independent contractor for this purpose. However, that primary responsibility shall be exercised in consultation with UNDP and in agreement with the Co-operating Agency. Arrangements to this effect shall be stipulated in the Project Document as well as for the transfer of this responsibility to the Government or to an entity designated by the Government during the execution of the project.

7. Part of the Government's participation may take the form of a cash contribution to UNDP. In such cases, the Executing Agency will provide the related services and facilities and will account annually to the UNDP and to the Government for expenditure incurred.

(a) Participation of the Government

1. The Government shall provide to the project the services, equipment and facilities in the quantities and at the time specified in the Project Document. Budgetary provision, either in kind or in cash, for the Government's participation so specified shall be set forth in the Project Budgets.
2. The estimated cost of items included in the Government contribution, as detailed in the Project Budget, shall be based on the best information available at the time of drafting the project proposal. It is understood that price fluctuations during the period of execution of the project may necessitate an adjustment of said contribution in monetary terms; the latter shall at all times be determined by the value of the services, equipment and facilities required for the proper execution of the project.
3. Within the given number of man-months of personnel services described in the Project Document, minor adjustments of individual assignments of project personnel provided by the Government may be made in consultation with the Executing Agency, if this is found to be in the best interest of the project. UNDP shall be so informed in all instances where such minor adjustments involve financial implications.
4. The Government shall continue to pay the local salaries and appropriate allowances of national counterpart personnel during the period at their absence from the project while on UNDP fellowships.
5. The Government shall defray any customs duties and other charges related to the clearance of project equipment, its transportation, handling, storage and related expenses within the country. It shall be responsible for its installation and maintenance, insurance, and replacement, if necessary, after delivery to the project site.
6. The Government shall make available to the project - subject to existing security provision - any published and unpublished reports, maps, records and other data which are considered necessary to the implementation of the project.

7. Patent rights, copyright rights and other similar rights to any discoveries or work resulting from UNDP assistance in respect of this project shall belong to the UNDP. Unless otherwise agreed by the Parties in each case, however, the Government shall have the right to use any such discoveries or work within the country free of royalty and any charge of similar nature.
8. The Government shall assist all project personnel in finding suitable housing accommodation at reasonable rents.
9. The services and facilities specified in the Project Document which are to be provided to the project by the Government by means of a contribution in cash shall be set forth in the Project Budget. Payment of this amount shall be made to the UNDP in accordance with the Schedule of Payments by the Government.
10. Payment of the above mentioned contribution to the UNDP on or before the dates specified in the Schedule of Payments by the Government is a prerequisite to the commencement or continuation of project operations.

b) Participation of the UNDP and the executing agency

1. The UNDP shall provide to the project through the Executing Agency the services, equipment and facilities described in the Project Document. Budgetary provision for the UNDP contribution as specified shall be set forth in the Project Budget.
2. The Executing Agency shall consult with the Government and UNDP on the candidature of the Project manager who, under the direction of the Executing Agency, will be responsible in the country for the Executing Agency's participation in the project. The Project Manager shall supervise the experts and other agency personnel. He shall be responsible for the management and efficient utilization of all UNDP-financed inputs, including equipment provided to the project.
3. The executing Agency, in consultation with the Government and UNDP, shall assign international staff and other personnel to the project as specified in the Project Document, selected candidates for fellowships and determine standards for the training of national counterpart personnel.
4. Fellowships shall be administered in accordance with the fellowships regulations of the Executing Agency.
5. The Executing Agency, in consultation with the Government and UNDP, execute part or all of the project by subcontract. The selection of subcontractors shall be made, after consultation with the Government and UNDP, in accordance with the Executing Agency's procedures.

6. All material, equipment and supplies which are purchased from UNDP resources will be used extensively for the execution of the project, and will remain the property of the UNDP in whose name it will be held by the Executing Agency. Equipment supplied by the UNDP shall be marked with the insignia of the UNDP and of the Executing Agency.
7. Arrangements may be made, if necessary, for a temporary transfer of custody of equipment to local authorities during the life of the project, without prejudice to the final transfer.
8. Prior to completion of UNDP assistance to the project, the Government, the UNDP and the Executing Agency shall consult as to the disposition of all project equipment provided by the UNDP. Title to such equipment shall normally be transferred to the Government, or to an entity nominated by the Government, when it is required for continued operation of the project or for activities following directly therefrom. The UNDP may, however, at its discretion, retain title to part or all of such equipment.
9. At an agreed time after the completion of UNDP assistance to the project, the Government and the UNDP, and if necessary the Executing Agency, shall review the activities continuing from or consequent upon the project with a view to evaluating its results.
10. UNDP may release information relating to any investment oriented project to potential investors, unless and until the Government has requested the UNDP in writing to restrict the release of information relating to such project.

Rights, Facilities, Privileges and Immunities

1. In accordance with the Agreement concluded by the United Nations (UNDP) and the Government concerning the provision of assistance by UNDP, the personnel of UNDP and other United Nations organizations associated with the project shall be accorded rights, facilities, privileges and immunities specified in said Agreement.
2. The Government shall grant UN volunteers, if such services are requested by the Government, the same rights, facilities, privileges and immunities as are granted to the personnel of UNDP.
3. The Executing Agency's contractors and their personnel (except nationals of the host country employed locally) shall.
 - (a) Be immune from legal process in respect of all acts performed by them in their official capacity in the execution of the project;

- (b) Be immune from national service obligations;
 - (c) Be immune together with their spouses and relatives dependent on them from immigration restrictions;
 - (d) Be accorded the privileges of bringing into the country reasonable amounts of foreign currency for the purposes of the project or for personal use of such personnel, and of withdrawing any such amounts brought into the country, or in accordance with the relevant foreign exchange regulations, such amounts as may be earned therein by such personnel in the execution of the project; and
 - (e) Be accorded together with their spouses and relatives dependent on them the same repatriation facilities in the event of international crisis as diplomatic envoys.
4. All personnel of the Executing Agency's contractors shall enjoy inviolability for all papers and documents relating to the project.
5. The Government shall either exempt from or bear the cost of any taxes, duties, fees or levies which it may impose on any firm or organization which may be retained by the Executing Agency and on the personnel of any such firm or organization, except for nationals of the host country employed locally, in respect of :
- (a) The salaries or wages earned by such personnel in the execution of the project;
 - (b) Any equipment, materials and supplies brought into the country for the purposes of the project or which, after having been brought into the country, may be subsequently withdrawn therefrom;
 - (c) Any substantial quantities of equipment, materials and supplies obtained locally for the execution of the project, such as, for example, petrol and spare parts for the operation and maintenance of equipment mentioned under (b), above, with the provision that the types and approximate quantities to be exempted and relevant procedures to be followed shall be agreed upon with the Government and, as appropriate, recorded in the project Documents; and
 - (d) As in the case of concessions currently granted to UNDP and Executing Agency's personnel, any property brought, including one privately owned automobile per employee, by the firm or organization or its personnel for their personal use or consumption or which after having been brought into the country, may subsequently be withdrawn therefrom upon departure of such personnel.

6. The Government shall ensure:
 - (a) prompt clearance of experts and other persons performing services in respect of this project; and
 - (b) the prompt release from customs of :
 - (i) Equipment, materials and supplies required in connection with this project; and
 - (ii) Property belonging to and intended for the personal use or consumption of the personnel of the UNDP, its Executing Agencies, or other persons performing services on their behalf in respect of this project, except for locally recruited personnel.
7. The privileges and immunities referred to in the paragraphs above, to which firm or organization and its personnel may be entitled, may be waived by the Executing Agency where, in its opinion or in the opinion of the UNDP, the immunity would impede the course of justice and can be waived without prejudice to the successful completion of the project or to the interest of the UNDP or the Executing Agency.
8. The Executing Agency shall provide the Government through the resident representative with the list of personnel to whom the privileges and immunities enumerated above shall apply.
9. Nothing in this Project Document or Annex shall be constructed to limit the rights, facilities, privileges or immunities conferred in any other instrument upon any person, natural or juridical, referred to hereunder.

Suspension or termination of assistance

1. The UNDP may by written notice to the Government and to the Executing Agency concerned suspend its assistance to any project if in the judgement of the UNDP any circumstance arises which interferes with or threatens to interfere with the successful completion of the project or the accomplishment of its purposes. The UNDP may, in the same or a subsequent written notice, indicate the conditions under which it is prepared to resume its assistance to the project. Any such suspension shall continue until such time as such conditions are accepted by the Government and as the UNDP shall give written notice to the Government and the Executing Agency that it is prepared to resume its assistance.
2. If any situation referred to in paragraph 1. above, shall continue for a period of fourteen days after notice thereof and of suspension shall have been given by the UNDP to the Government and the Executing Agency, then at any time thereafter during the continuance thereof, the UNDP may by written notice to the Government and the Executing Agency terminate the project.

3. The provisions of this paragraph shall be without prejudice to any other rights or remedies the UNDP may have in the circumstances, whether under general principles of law or otherwise.