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Executive Committee of
the Multilateral Fund for the
Implementation of the Montreal Protocol

Sixteenth Meeting
Montreal, 15-17 March 1995

UNEP PROGRESS REPORT

This document includes:

- Comments and Recommendation of the Fund Secretariat
- UNEP Progress Report

COMMENTS AND RECOMMENDATION OF THE FUND SECRETARIAT

COMMENTS

1. UNEP reported substantial progress in the implementation of its core activities, as well as country programme preparation, and a 35 per cent delivery rate for the approved institutional strengthening funds of US \$2.39 million. Although it expects a delivery rate of 61 per cent shortly, a higher rate could improve both the delivery of other activities of the Work Programme as well as coordination of phase-out activities in the Article 5 countries.

2. One activity which remains delayed is the development of training strategy approved in March 1993. UNEP attributes the delay to "lack of insufficient field experience of completed training activities under the Multilateral Fund". However, several training activities have since been completed by UNEP itself and other implementing agencies, as well as through bilateral programmes. On the other hand, the dependence on field experience makes it uncertain whether UNEP intends to prepare a training methodology or a training strategy.

RECOMMENDATION

3. The Fund Secretariat recommends that the Executive Committee take note of, with appreciation, the progress report of UNEP.

UNEP PROGRESS REPORT

UNDER THE MULTILATERAL FUND

UNEP IE

JANUARY 1995

1994 UNEP PROGRESS REPORT

(January 1995)

This Progress Report consists of:

- I. Elements of the OzonAction Programme.
- II. Highlights of 1994.
- III. Details of progress from 1 October 1994 - 31 January 1995.
- IV. Lessons learnt by UNEP during 1994.

I. ELEMENTS OF THE OZONACTION PROGRAMME

The OzonAction Programme comprises four major integrated activities that are mutually-supporting.

The OzonAction Programme's 1994 activities can be grouped as follows:

- * **Information exchange** through the operation of an information clearinghouse.
- * **Training and networking activities** consisting of workshops, training courses, conferences and supporting training material (e.g. manuals, guidelines).
- * **Country programmes** and related **Institutional Strengthening** for low-volume ODS-consuming Article 5 countries and for non-Parties (with assistance from the Government of Finland).
- * **International Recycled Halon Bank Management Information Clearinghouse (IRHBMIC)**

The programme elements have been designed to respond to specific, articulated needs of Article 5 countries. These needs are regularly assessed through Country Programmes, projects approved by the Multilateral Fund's Executive Committee, regional workshops, consultants, and during various networking activities.

The programme is advised by experts drawn from the UNEP Technical Options Committees (TOCs), industry, governments and NGOs, through Informal and Ad-hoc advisory groups which are convened specifically for this purpose.

The programme works closely with the UNEP Technology and Economic Assessment Panel (TEAP) and its associated committees, and its activities are coordinated with the World Bank (WB), UNIDO and UNDP.

The OzonAction Programme uses various feedback mechanisms to assess the programme's effectiveness in meeting the needs of NOUs¹ and other target groups.

¹ "National Ozone Unit" refers to the government unit consisting of ODS officer(s) in an Article 5 country responsible for managing the ODS phase-out strategy specified in the Country Programme.

II. HIGHLIGHTS OF MAJOR ACTIVITIES COMPLETED

Given below are the highlights of the 1994 activities [April 1994 - January 1995].

Information Collection and Dissemination

- * Published 4 issues of the *OzonAction Newsletter* in 1994 in 5 languages, and circulation increased from 7,000 to 11,000. Newsletter length increased from 6 pages in 1993 to 8 pages in 1994.

Many national environmental agencies require back issues of the Newsletter, which are used as reference material.

- * Published a Special Supplement on Non-Fluorocarbon Alternatives for Refrigeration and Air Conditioning.

This supplement responds to developing countries' need for comparative data about alternative technologies in this important sector.

- * Produced and distributed 3 posters; one outlining the activities of the 'OzonAction Programme and 2 full-color posters for general awareness.

Dissemination of these posters to all NOUs has resulted in additional demand.

- * Published 11 issues of the fortnightly *Executive News Service*, which is designed to keep Executive Committee members abreast of the latest news about the implementation of the Montreal Protocol worldwide.

Many present and past Executive Committee members have appreciated this Executive News Service and have expressed desires for it to continue.

- * Completed & disseminated the *Technologies for Protecting the Ozone Layer* sourcebook series:

- *Aerosols, sterilants, miscellaneous uses, & carbon tetrachloride;*
- *Flexible & rigid foams;*
- *Specialized solvent uses; and*
- *Refrigeration, air-conditioning, & heat pumps.*

Countries, Implementing Agencies and their consultants are using these sourcebooks for sourcing commercially-available technologies, products and chemicals.

The Refrigeration Sourcebook needs revisions/corrections as quality review was found inadequate.

- * Developed and disseminated the OAIC-DV 1.0 to all NOUs.

The diskette is an important 'compaction' of information which can be selectively searched and easily reproduced by NOUs.

- * Researched and responded to 2700 queries and publication requests.

About 50% of queries come from developing countries.

- * Developed/updated several information papers and one set of refrigeration case studies.

The information paper on cyclopentane for domestic refrigeration includes sourcing, cost and safety data required for assessing the technologies and fomulating projects.

Training and Networking

Sector: Refrigeration

- * The "Regional Workshop on Refrigeration and Air Conditioning Training Programmes" for the Asia-Pacific region was held in Indonesia in cooperation with Australia in April 1994.

This event initiated national plans to organize training in the refrigeration sector.

- * A "National Training Course on Chillers and Refrigerant Management" was held in Zambia in September 1994, Bahrain in December 1994 and Philippines in December 1994.

These training courses resulted in initiating refrigerant management plans for conservation, retrofitting and replacement of chillers.

Sector: Halons

- * A "Regional Halon Conference and Workshop" was held in Malaysia in January 1994.

Practical case studies on alternatives to halons for applications perceived as essential are being utilized by participants to chalk out their own plans.

Sector: Aerosols

- * The "Regional Training Course on Aerosol Conversion" for the Middle East region was held in Jordan in March 1994.

Six investment projects were identified during the training course, of which three are being prepared for financial assistance by The World Bank.

Sector: Several

- * The industry workshop on the "Practical Implementation of the Montreal Protocol - The African Perspective" was held in Swaziland at the end of August 1994.

Practical industrial and policy case studies were discussed by South Africa for the benefit of African industry and their government colleagues. The event fostered regional co-operation in Africa.

- * Workshops on "Monitoring and Control of ODS Consumption" were held in Cameroon in August 1994, and Burkina Faso and Senegal in October 1994.

The workshops resulted in the design of national plans for ODS monitoring systems in each country. It promoted the sharing of experience between Canada, Belgium, France and Mauritius with African countries.

Cameroon has officially adopted the action plan, Burkina Faso has presented the recommendations from the Workshop for approval by the Government's Secretary General, and Senegal has submitted a ministerial decree concerning the control of ODSs, for signature by the President.

Training material

Final versions of the following manuals were completed and printing and distribution is underway.

Sector: Refrigeration

- * *Training Manual on Good Practices in Refrigeration including recovery and recycling for small- and medium-sized refrigeration systems.*
- * *Training Manual on Chillers and Refrigerant Management.*

Both manuals are already being requested and used by consultants from other Implementing Agencies and industry associations and companies.

Sector: Aerosol

- * *Aerosol Conversion Technology Handbook.*

The first of its kind available to Article 5 countries, according to TOC members.

Sector: Several

- * *Practical Guidelines for Industry on Management of Phase-out of ODS .*
- * *Elements for Establishing Policies, Strategies and Institutional Framework for Ozone Layer Protection.*

Both guidelines have positive comments from members of the Executive Committee and National Focal Points about its utility.

Networking

- * A Latin American Network was initiated and the first "Workshop for the Network of ODS Officers in South America" was held in Montevideo 16-20 May 1994. Nine developing countries (Argentina, Brazil, Colombia, Chile, Ecuador, Mexico, Peru, Uruguay and Venezuela) and three developed countries (Canada, Switzerland and USA) participated.

This meeting was designed to be a 'crash course' for ODS officers in the area and a forum to present common difficult issues for further specific discussion and review at the follow-up meeting. The meeting identified data monitoring, public awareness, refrigeration strategies and halons as specific areas of regional importance for further follow-up.

- * The 1994 Meeting of ODS Officers in South East Asia (funded by SIDA) was conducted in Hanoi from 23-27 August 1994. Participating countries were: Australia, Fiji, Indonesia, Lao P.D.R., Malaysia, Myanmar, New Zealand, Philippines, Singapore, and Vietnam.

The meeting attempted to further discuss and resolve common ODS phase-out issues identified by the network. The topics included to co-operation and being of public awareness programmes, further examination of options for SMEs, mobile air conditioners and chillers. These items were proposed for further discussion at the subsequent follow-up meeting.

- * Based on topics identified during the 1994 Hanoi workshop, the follow-up meeting of ODS officers in South East Asia (funded by SIDA) was conducted in Bangkok from 30-31 January 1995. Participating countries were Thailand, Myanmar, Philippines, Brunei, Vietnam, Indonesia, Fiji, Singapore and Sweden.

A number of new activities were reported, as a direct consequence of the network activities. These included Malaysian involvement in the Brunei Country Programme which was approved at the 15th Executive Committee Meeting, progressive review of the Vietnam phase-out dates based on experience and assistance from other network members, and Malaysia, Philippines and Thailand are co-operating in the production of public awareness materials.

Institutional Strengthening and Country Programmes

- * UNEP is implementing 21 Institutional Strengthening projects with a total allocation of \$2.39 million.

The speed of project implementation has shown steep rise. Of total project allocations, \$831,750 has been disbursed/committed, corresponding to a delivery rate of 35%. When 6 already approved Implementation Agreements are signed by the country, this figure will rise to \$1.46 million, corresponding to 61%.

- * 11 UNEP-assisted Country Programmes were approved by the Executive Committee in 1994.

14 countries have now become Parties where UNEP, with the support of the Government of Finland, started country studies when they were non-Parties 3 Country Programmes of these countries have been approved in 1994.

One Country Programme (Mozambique) has been completed (and approved) without assistance of the Multilateral Fund.

All Country Programmes being prepared with the full involvement of, and ownership by, the National Teams.

UNEP till now assisted in the formulation of 23 Country Programmes, all of which were approved (50% of total Executive Committee approved Country Programmes).

13 countries benefitted of starting their country programme when they were non-Party. This gave them a lead in phase-out activities after becoming Party.

10 countries had projects (Project Preparation, Technical Assistance, Investment Projects) approved with UNIDO as Implementing Agency relatively early after approval of Country Programme.

Lessons Learnt

- * Building local expertise is necessary for Article 5 countries to take appropriate policy and investment decisions.
- * Such local expertise is also an important pre-requisite for implementing policy and investment decisions.
- * Networking of NOUs is an effective tool for monitoring Institutional Strengthening and help expediting the implementation of ODS phase-out.
- * Not all stakeholders/enterprises are reached yet, and small- and medium- sized enterprises (SMEs) in particular have not yet benefitted from clearinghouse services.
- * Example of legislation and policies are required by developing countries to catalyze their national ODS phase-out.
- * Assistance in evaluating technology is required to avoid selection of inappropriate technology and requests of funds from the Multilateral Fund.
- * Continuous feedback/assessment of the programme is essential to identify user needs and improve the content and delivery of services.
- * Clearinghouse functions are time-consuming and resource-intensive.

- * Networking is an effective tool to prevent increased consumption of ODS and dumping ODS-based technologies through sharing of policies and strategies among NOUs.
- * Follow-up on training activities already conducted requires the involvement of NOUs and local training centres. A strategy is needed to optimize resources in each sector and to realize its benefit.

Evaluation and Assessment Activities

- * Co-organized the 2nd Annual Roundtable on Information Exchange.

This annual Round Table discussion is jointly organized with USEPA to identify information needs, barriers and capabilities of NOUs and Focal Points in developing countries.

- * Completed the OzonAction Newsletter reader survey .

The survey was primarily designed to shed light on the opinion of the readers on their needs for specific types of information to assist their ODS phase-out efforts, their preferences for information delivery and their opinions of the newsletter. Results were used to improve the contents of the newsletter and information exchange activities.

- * Continuously Compiled user's feedback from various mechanisms.

Letters from users, evaluation of training cases, evaluation of each technical document is carried out and formatted into Fact Sheets. Feedback shows the utility and urgent need to continue and step-up programme activities.

Interagency Co-operation

Workshops, technical documents information papers and round table feedback sessions were organized jointly with USEPA, Canada, Australia, New Zealand, Sweden, Finland, Switzerland, Belgium, France and Mauritius.

Co-operation with UNIDO (Country Programmes - project formulation), UNDP (Networking, Training) and The World Bank (Networking, Technology source books - dissemination) resulted into speedy formulation of investment projects.

OzonAction Team

The team is strengthened by induction of experts who have direct and hands-on experience in clearinghouse, phase-out activities in developed and developing countries, private sector experience in alternative technologies and policy setting activities in developed countries who have gone through successful phase-out.

Delays

- * The training strategy preparation was delayed due to insufficient field experience of completed training activities under the Multilateral Fund.
- * The Information Kit project was delayed due to the quantum of work involved in making posters, videos, campaign manuals, etc.
- * Translation of technical brochures into arabic and chinese was delayed due to long administrative procedures.

III. DETAILS OF PROGRESS

The details of progress is reported for the period from 1 November 1994 to 31 January 1995.

1. INFORMATION EXCHANGE

1.1. Sectoral data collection

Technologies for Protecting the Ozone Layer Sourcebook Series:

Content: Worldwide quality-reviewed sourcing information on alternative technologies, equipment and chemicals. Technology data sheets give advantages and disadvantages, including toxicity and environmental effects, and supplier lists indicate worldwide sources of available technology. Quality review was conducted by internationally-recognized sectoral experts drawn from the UNEP TEAP and TOCs, to ensure compatibility with the TOC reports, technical accuracy, completeness, and utility for developing countries.

- * Continued dissemination of the following Sourcebooks to other focal points in developing countries, and selected agencies in developed countries:
 - *Aerosols, Sterilants, Miscellaneous Uses and Carbon Tetrachloride;*
 - *Flexible and Rigid Foams;* and
 - *Specialized Solvent Uses (developed in cooperation with USEPA).*
- * Convened a meeting with two industry association representatives and Co-Chair of Refrigeration TOC to address concerns over inadequate quality review of the *Refrigeration, Air Conditioning and Heat Pumps* Sourcebook. The comments centered on technical inaccuracies, missing technology suppliers from a particular country, and misleading statements about specific alternative chemicals. An action plan to correct these errors has been designed and is being implemented.

Maintained OzonAction Library :

Content: A document repository containing ODS phase-out technical and policy documents from around the world, which is used to respond to queries from NOUs and industry groups in Article 5 countries, for the OAIC-DV Publications data base, and for various technical projects.

- * Acquired over 70 new documents.
- * Abstracted 113 documents/papers, under advise of TOC members.

1.2 Query response service

Content: Research and response to (a) technical and policy questions and (b) document requests received from developing countries.

- * Responded to over 900 queries including publication requests.

1.3 OzonAction Newsletter and Special Supplements

Content: An 8-page newsletter containing most recent information on ozone related activities such as industry updates, new products, ODS phase-out success stories. Special supplements are usually devoted to special topics (e.g. halons).

- * Published four issues of *OzonAction Newsletter* in 1994 in five languages (English, French, Spanish, Chinese and Arabic).
- * Published 8-page Special Supplement on Non-Fluorocarbon Alternatives for Refrigeration and Air-Conditioning which was included with *OzonAction Newsletter* number 8.
- * Produced 10 issues of the fortnightly *Executive News Service* and disseminated these to Executive Committee members and the Multilateral Fund Secretariat.

1.4 Continue updating OAIC diskette version

Content: A diskette-based reference tool designed for NOUs containing data bases on technical/policy literature, contacts, and research findings. This diskette will be updated and disseminated 2 times per year.

- * Solicited, collected, edited and reformatted new data from NOUs, industry associations, NGOs, et al. for input into the OAIC-DV Version 2.0.
- * Completed most major programming and data input activities for OAIC-DV Version 2.0 (completion of final programming delayed due to a programming bug encountered). Version 2.0 includes Montreal Protocol handbook, Executive Committee policy guidelines, sourcing in formulation from Aerosol Technology catalogues.

1.5 Outreach activities at conferences and workshops

Content: Participation by the OzonAction Programme in key workshop and conferences in order to (a) disseminate information (b) collect information from participants (c) inform developing country participants about available clearinghouse services.

- * 10th Open-Ended Working Group meeting and Implementation Committee meeting (Nairobi, 4 - 8 July 1994)
- * Preparatory Meeting and 6th Meetings of the Parties (Nairobi, 3 - 7 October 1994)
- * International CFC and Halon Alternatives Conference (Washington, 24-27 October 1994)
- * International Development Bank of India (IDBI) Project Preparation Activity Workshop on the Phase-out of ODS in Refrigeration and Air-conditioning (Bombay, 30-31 August 1994) Publications were distributed and background on UNEP IE's OzonAction Programme activities was given to the participants.

Disseminated about 1500 technical publications during these outreach activities and workshops.

1.6 Prepare Information Papers and Fact Sheets for Evaluation of Technical Options to Replace ODS

Content: (a) Short technical papers drawing on existing literature sources to address specific sectoral issues of high concern to developing countries (b) sectoral fact sheets.

- * Developed and disseminated the following information papers:
 - List of National ODS Focal Points; and
 - List of Ozone Protection Videos.
- * Updated earlier prepared information papers i.e. cyclopentane, domestic refrigerators, retrofitting and legislations.
- * Collected approximately 60 existing fact sheets on various technical and policy issues and made these available to use through the OzonAction programme's publication list.

1.7 Compile and format the information on case studies from developed countries and developing countries.

Content: Compile or reformat existing case study materials to make examples of successful ODS phase-out in developed countries available to NOUs and other developing country target groups.

- * In cooperation with UNEP Aerosols TOC, produced a draft version of 12 aerosol sector case studies (expected to be finalized in February 1995).
- * Solicited and collected existing case studies from industry and governments around the world

- * Solicited case studies produced by other organizations, and compiled the draft Case Study Compendium that at present includes 100 case studies (expected to be issued in February 1995).

1.8 Translate Technical Brochures

Content: Translation of existing *Protecting the Ozone Layer* technical brochure series into Chinese and Arabic.

- * Translation work initiated and expected to be completed by February 1995.

1.9 Information Kit Project

Content: The Information Kit project is designed as a package of information dissemination materials to help developing countries in creating public awareness for the ozone depletion issue, and to assist them in their phase-out activities. The following are being produced under the project: a video, and video pamphlet, posters, a handbook for ozone officers, slides, and overheads for distribution to Article 5 countries.

- * Prepared and disseminated 3 posters; 2 illustrative posters on ozone layer depletion, and 1 general poster describing the OzonAction Programme
- * The video is currently under production, and is expected to be ready by the end of February, with the accompanying video pamphlet ready by end of March.

1.10 Information Dissemination Project (Philippines)

Content: The Philippines Information Dissemination Project is a project approved by the Executive Committee as part of its country programme, and is aimed at enhancing the understanding of the public in general and the policy makers/industry, in particular, on the negative effects of ODS, and the available options for phase-out. This will be done through the development and execution of a comprehensive information strategy and distribution of specific elements such as movie plugs, brochures, posters, etc., all designed to increase awareness of the issue.

- * Memorandum of Agreement with the Philippine Information Agency (PIA) has been signed
- * Project staff has been constituted, and initial mobilization of regional ozone officers has been done.
- * Baseline survey of target cities has begun

2. TRAINING AND NETWORKING

Details are provided only for the activities which were not reported before.

2.1 Training

Sector: Refrigeration and Air-conditioning

2.1.1 National Training Course on Chillers and Refrigerant Management

<i>Country:</i>	Bahrain
<i>Participants:</i>	38 participants from industry (16), the NOU (1), various ministries (13), technical schools (6) and the military (2).
<i>Status:</i>	The training course was held in Manama, Bahrain, from 6 to 8 December 1994.
<i>Output:</i>	Participants became aware of the role of CFC refrigerants in ozone layer depletion, and ways to reduce CFC consumption without major capital investment. Discussions were initiated between the Government and the participants concerning policy and technical decisions on refrigerant management plans and phase-out plans for the chiller sub-sector in particular and the refrigeration sector in general.
<i>Future activities/ expected results:</i>	The Government expressed its commitment to follow up with the participants to develop and implement refrigerant management plans

2.1.2 National Training Course on Chillers and Refrigerant Management for Philippines.

<i>Region:</i>	Philippines
<i>Participants:</i>	54 participants including technicians and technical managers (40), NOU (1), a government agency (1) observers (10) and Government representatives from Malaysia and Indonesia (2).
<i>Status:</i>	The training course was held in Manila, Philippines, from 14 to 16 December 1994.
<i>Output:</i>	Participants were trained on good practices in refrigeration to reduce ODS emissions in chiller sector, and started discussions with the Government concerning further plans to extend this training to the rest of the sector.

*Future activities/
expected results:*

The participants suggested further actions to the government in order to achieve a faster phase-out in the refrigeration sector. The Government agreed to undertake such actions which include additional training of technicians and government regulatory measures for the sector.

2.2 Networking

2.2.1 ODS Officers Networks for Africa

Region: Africa

Status: A Regional Network Coordinator has been recruited.

Invitations to participate in the networks for English-speaking and French-speaking countries are being sent. A first workshop for English-speaking countries is tentatively scheduled for April/May 1995.

2.3 Training material

* Worldwide Directory of Refrigerant Recovery, Recycling and Reclaiming Equipment

Status: The draft directory has been reviewed by experts and comments are being incorporated. The final review expected by 1st quarter 1995. As it is not practical to disseminate a printed copy of the same, (which takes approximately 1000 pages) a diskette version of the directory (to be updated every 6 months) is recommended by TEAP Co-chair.

2.4 Participation in Workshops/Conference

- Participated in the following meetings as part of the coordinating efforts with other stake-holders in the implementation process:

* Information Exchange Workshop (Paris, 11 April 1994). This workshop had the dual benefit of providing (1) feedback to the OzonAction Programme on the effectiveness of its information exchange services for Article 5 countries and suggestions for improvement, and (2) input to the Economic Options Committee on the information needs of developing countries, for its 1994 report.

- * UNEP Economic Options Committee Meeting, (Paris, 12-14 April 1994).
- * UNEP Refrigeration Technical Options Committee (Hannover, 10 May 1994)
- * Coordination meeting of the Implementing Agencies - (Multilateral Fund, 4 October 1994, Montreal, Canada)
- * 4th OORG Meeting, World Bank and 1st OORG Refrigeration/Freezer Insulating Foam Working Group, (18-19 October 1994, Washington DC, U.S.A).
- * 1994 International CFC and Halon Alternatives Conference, (20-22 October 1994, Washington DC, U.S.A).
- * 5th Meeting of the Parties to the Montreal Protocol and Preparatory Meetings, (15-20 November 1994, Bangkok, Thailand).

3. INSTITUTIONAL STRENGTHENING

- * A Project Document on Implementation of Institutional Strengthening Projects has been developed and approved according to UNEP rules. It forms the legal basis for UNEP's implementation of Institutional Strengthening projects already approved by the Executive Committee.
- * Out of the 21 Institutional Strengthening projects approved by the Executive Committee:
 - Implementation Agreements have been signed with 8 countries: Algeria, Burkina Faso, Cameroon, Guatemala, Malawi, Maldives, Panama and Zambia, and funds are being disbursed;
 - Approved Implementation Agreements have been sent to 6 countries and are awaiting their signature: Botswana, Fiji, Mauritius, Senegal, Seychelles, Uganda.
 - Of project allocations of \$2.39 million to date, \$831,750 has been disbursed/committed, corresponding to a delivery rate of 35%. When the already approved Implementation Agreements are signed, this figure will rise to \$1.46 million, corresponding to 61%.

4. COUNTRY PROGRAMMES

4.1 Country Programmes for Article 5 countries

4.1.1 Country Programmes completed

The following country programmes were approved:

Barbados, Niger, Mozambique and Swaziland

4.1.2 Country Programmes under formulation:

Presently Country Programmes for 32 Article 5 countries are being conducted. Phase I includes consultation with the national team and conducting the ODS survey. The Phase II includes analysis of ODS data, formulation of a national strategy and action plan, identification and prioritization of specific projects and drafting of country programme report in consultation with the national team.

The following country programmes are under formulation:

Country	Status
Antigua y Barbuda:	Phase II planned for February 95
Bahamas:	Phase II planned for February 95
Bahrain:	Phase I planned for March 95
Benin:	Phase I completed
Bolivia:	Phase II completed. Update of the report is needed
Brunei:	Contact with the country
Centrafrican Republic:	Phase I completed. Phase II planning
Chad:	Contact with the country
Congo:	Report ready
Dominican Republic:	Phase II completed. Update of the report is needed
Ethiopia:	Phase I being planned
Gabon:	Phase I planning
Gambia:	Phase I planned for February 95
Guinea:	Phase I planning
Honduras:	Phase I completed
Jamaica:	Phase I planning
Lebanon:	Phase I completed
Lesotho:	Phase I planning
Malta:	Phase I completed
Myanmar:	Phase I completed
Namibia:	Phase I planning
Nicaragua:	Phase I planning
Pakistan:	Phase II planning
Papua New Guinea:	Phase I completed
Peru:	Phase II planned for February 95

Saint Kitts and Nevis:	Phase II planned for February 95
Saint Lucia:	Phase I completed
Tanzania:	Phase II planned for March 95
Togo:	Phase II completed, wait for report
Vietnam:	Draft report received
Western Samoa:	Phase I planning

4.2 Country Programmes for non-Parties.

UNEP IE, with support from the Trust Fund of the Government of Finland, assists non-Parties to formulate their country programmes. These studies/programmes will help these countries when they become Parties to the Protocol, as only updating of the programme would be necessary and thus saving time. It is also a major exercise in training the government and industry on Montreal Protocol and phase-out related issues.

The following countries for which country studies started when they were non-parties, have now become Parties:

Vietnam, Algeria, Chad, Cote d'Ivoire, Gabon, Mauritius, Mozambique, Senegal, Sudan, Dominican Republic, Bolivia, Ethiopia and Pakistan.

The study for Morocco (non-Party) is being completed.

Mozambique, which started its country study when it was still a non-Party, had its Country Programme approved at the 15th Executive Committee meeting, within a very short time of its accession to the Protocol (entry into force 8 December 1994).

5. INTERNATIONAL RECYCLED HALON BANK MANAGEMENT INFORMATION CLEARINGHOUSE (IRHBMIC)

Content: In accordance with Decision IV/26 of the Copenhagen Amendment, UNEP IE established the IRHBMIC to collect and disseminate information relevant to international halon bank management; and liaise with and coordinate its activities with the Implementing Agencies.

- * Researched and responded to approximately 10 technical and policy queries (approximately 50% originated from developing countries).
- * Met with Co-Chair of Halons TOC to plan activities for proposed IRHBMIC 1995 Work Programme.

6. MEETING OF THE CONSULTANTS

Terms of reference and agenda were reviewed and finalized.
Planned for 26-28 April 1995.

7. COORDINATION WITH MULTILATERAL FUND SECRETARIAT

- * Jointly worked in finalizing TOR and Agenda for consultants meeting.
- * Initiated work on abridged version of Country Programme for very small countries
- * Provided inputs for 1995 - Work Programme through participation in Informal Advisory Group meeting.

8. INTER-AGENCY CO-OPERATION

- * UNIDO in project formulation of Low-Volume Country Programme.
- * UNDP in Networking workshop and Vietnam Country Programme.
- * World Bank in developing Aerosol workshop in SEAP region.
- * All agencies participated in Informal Advisory Group meeting to provide inputs to 1995 - Work Programme

UNEP
ON GOING ACTIVITIES

Country Sector	Project Title	ODS to be phase- out	Date of approval	Approved Funding	Time frame	Status of implementation
ALGERIA						
Several	Institutional Strengthening		Nov 1993	\$297,000	3 rd Q. 94- 2 nd Q. 96	Ongoing. Project document is signed and funds are being disbursed according to budget.
ANTIGUA AND BARBUDA						
Several	Country programme preparation		Oct 1993	\$30,000	1994	Phase I completed. Phase II is expected to start mid-February 1995. Delayed due to the country.
BAHAMAS						
Several	Country programme preparation		Oct 1993	\$40,000	1994	Phase I completed. Phase II is expected to start end-February 1995. Delayed due to the country.
BAHRAIN						
	Country programme preparation		Mar 1994	\$50,000	1994-1995	Phase I is expected to start in March 1995. Delay due to slow response from Government.
BARBADOS						
	Institutional Strengthening		Dec 1994	\$136,000	1995-1997	Project document under preparation.
BENIN						
	Country programme preparation		July 94	\$35,000	1994-1995	Phase I completed. Phase II is expected to start end March 1995.
BOTSWANA						
Several	Institutional Strengthening		Jul 1994	\$90,200	1 st Q. 95- 4 th Q. 97	Project document pending signature by the country. Some Institutional Strengthening activities in the country started 1st October 1994.

Country Sector	Project Title	ODS to be phase-out	Date of approval	Approved Funding	Time frame	Status of implementation
BRUNEI	Country programme preparation		Dec 1994	\$40,000	1995	Activities yet to start.
BURKINA FASO						
Several	Institutional Strengthening		Nov 1993	\$83,500	3 rd Q. 94- 2 nd Q. 97	On-going. Project document is signed and funds have been transferred. Institutional Strengthening activities in the country started 1st July 1994.
Refrigeration	Training of repair technicians		Nov 1993	\$41,500	1994	Planned for 1st quarter 1995.
CAMEROON						
Several	Institutional Strengthening		Nov 1993	\$161,000	3 rd Q. 94- 2 nd Q. 97	Ongoing. Project document is signed and funds are being disbursed according to budget. Institutional Strengthening activities in the country started 1st July 1994.
CENTRAL AFRICAN REPUBLIC	Country programme preparation		Mar 1994	\$50,000	1994	Phase I completed. Phase II expected to start in April 1995.
CHAD	Country programme preparation		Dec 1994	\$40,000	1995	First contact with the country
COTE D'IVOIRE						
Several	Institutional Strengthening		Jul 1994	\$122,800	1995-1997	Revised project approved by 13th ExCom (July 94) Project document under preparation. Expected date to finalize document: 1st quarter 1995.
	Training for refrigeration and air-conditioning technicians		Jul 1994	\$76,000	1994-1995	Organization has been started. Scheduled for 1 st quarter 1995.
DOMINICAN REPUBLIC	Country programme preparation		Dec 1994	\$10,000	1995	Phase II completed. Report is being updated.

Country Sector	Project Title	ODS to be phase- out	Date of approval	Approved Funding	Time frame	Status of implementation
FIJI						
Several	Institutional Strengthening	.	Mar 1994	\$65,890	1 st Q. 95- 4 th Q. 97	Project document being finalized and pending signature by the country. Activities started on 1st January 1995.
GABON						
	Country programme preparation		Dec 1994	\$10,000	1995	Identification of the consultant in process
GAMBIA						
Several	Country programme preparation		Feb 1992	\$30,000	1992-1993	Phase I is expected to start in February 1995. Delayed due to withdrawal of the consultant for the mission.
GHANA						
Refrigeration	Implementation of train the trainer programme and national demonstration programme		Jun 1993	\$99,000	4 th Q. 1993	Funds transferred to UNEP in June 1993. First two training courses completed in October 1993. Establishment of NRDC (National Refrigeration Demonstration Centre) is in process. Expected date of establishment 2nd quarter 1994.
GUATEMALA						
Several	Institutional Strengthening		Jun 1993	\$172,000	4 th Q. 94- 3 th Q. 97	On going. Project document signed and funds transferred. Activities started 4th quarter 1994.
GUINEA						
	Country programme preparation		Nov 1993	\$40,000	1994	Phase I is expected to start in February 1995. Delayed due to slow answer from the country.
HONDURAS						
Several	Country programme Preparation		Jul 1994	\$40,000	1994-1995	Phase I completed. Phase II is expected to start March 1995.
JAMAICA						
Several	Country programme preparation		Mar 1994	\$40,000	1994	Consultant being identified. The Government proposed that the Phase I start in March 1995.

Country Sector	Project Title	ODS to be phase- out	Date of approval	Approved Funding	Time frame	Status of implementation
KENYA						
Refrigeration	Support to a national workshop on refrigeration	.	Jun 1993	\$115,000	4 th Q. 1993	Funds transferred in June 1993 to UNEP. First two training courses completed in December 1993. Establishment of NRDC is delayed as the Government has not yet signed the agreement.
LEBANON						
Several	Country programme Preparation		Mar 1994	\$50,000	1994-1995	Phase I completed. Phase II is expected to start end March 1995.
LESOTHO						
	Country programme preparation		Dec 1994	\$40,000	1995	Phase I is expected to start mid-March 1995. Consultant contracted.
MALAWI						
Several	Institutional Strengthening		Mar 1994	\$77,000	1 st Q. 95- 4 th Q. 97	Project document signed, and funds transferred. Some Institutional Strengthening activities started in the country in 2nd half of 1994.
MALTA						
Several	Country programme preparation		Mar 1994	\$50,000	1994	Phase I completed . Phase II is expected to start in April 1995.
MALDIVES						
Several	Institutional Strengthening		Mar 94	\$41,250	1 st Q. 95- 4 th Q. 97	Project document signed and funds are being transferred.
MAURITIUS						
Several	Institutional Strengthening		Jun 1993	\$50,000	4 th Q. 94- 3 rd Q. 97	Project document finalized and waiting for signature of the country.
MOZAMBIQUE						
	Institutional Strengthening		Dec 1994	\$92,400	1995-1997	Project document under preparation

Country Sector	Project Title	ODS to be phase-out	Date of approval	Approved Funding	Time frame	Status of implementation
MYANMAR Several	Country programme preparation		Mar 1994	\$50,000	1994-1995	Phase I completed. Phase II delayed due to slow result from the ODS survey from the country.
NAMIBIA	Country programme preparation		Dec 1994	\$40,000	1995	Phase I is expected end-March 1995.
NICARAGUA Several	Country programme preparation		Jul 1994	\$40,000	1994-1995	Phase I is expected February 1995. Delayed due to slow answer from the country.
NIGER	Institutional Strengthening		Dec 1994	\$74,800	1995-1997	Project document under preparation
PAKISTAN Several	Country programme preparation		Mar 1993	\$60,000	1993-1995	Phase I visit completed Phase II is expected to start in March 1995. Delayed due to slow answer from the country.
PANAMA Several	Institutional Strengthening		Jun 1993	\$172,500	1 st Q. 95 - 4 th Q. 97	Project document signed, and funds are being transferred
PAPUA NEW GUINEA Several	Country Programme preparation		Jul 1994	\$ 40,000	1994-1995	Phase I completed. Phase II is being planned.
PERU Several	Country Programme preparation		Nov 1993	\$50,000	1994-1995	Phase I is completed. Phase II will start in February 1995.
PHILIPPINES Several	Information dissemination project		Nov 1993	\$200,000	1994-1995	Project document (Agreement with the Government) signed, funds transferred from UNEP to the Government. Memorandum of Agreement with PIA signed; initial baseline survey of target cities initiated.

Country Sector	Project Title	ODS to be phase-out	Date of approval	Approved Funding	Time frame	Status of implementation
SENEGAL Several	Institutional strengthening		Nov 1993	\$175,000	3 rd Q. 94- 2 nd Q. 97	Project document finalized and awaiting signature by the country.
Refrigeration	Training and upgrading of repair technician training		Nov 1993	\$58,000	1994	Planned for first quarter 1995
SEYCHELLES Several	Institutional Strengthening		Jul 1994	\$31,900	1 st Q. 95-4 th Q. 97	Project document finalized and awaiting signed by Government.
ST KITTS & NEVIS Several	Country programme preparation		Mar 1994	\$35,000	1994-1995	Phase I is completed. Phase II is expected to start February 1995. Delayed due to the country.
ST LUCIA Several	Country programme preparation		Jul 1994	\$30,000	1994-1995	Phase I completed. Phase II is expected to start in March 1995.
SUDAN Several	Institutional Strengthening		Mar 1994	\$168,300	1 st Q. 95-4 th Q. 97	Project document pending PRC approval. Delays due to very difficult communication with the country.
SWAZILAND	Institutional Strengthening		Dec 1994	\$ 67,520	1995-1997	Project document under preparation.
TANZANIA Several	Country programme preparation		Nov 1993	\$10,000	1994-1995	Country Programme started when country was not a Party. Phase I visit completed. Phase II to start in March 1995. Delayed due to slow response from the country on the data survey.
TOGO Several	Country programme preparation		Feb 1992	\$30,000	1992-1995	Phase I completed. We should receive report by mid February 1995.

Country Sector	Project Title	ODS to be phase- out	Date of approval	Approved Funding	Time frame	Status of implementation
UGANDA Several	Institutional Strengthening		Jul 1994	\$64,500	1 st Q. 95- 4 th Q. 97	Project document finalized and pending signature by the country.
VIETNAM Several	Country programme preparation		Jul 1994	\$60,000	1994-1995	Country Programme started when country was not a Party. Phase II completed. It will be submitted to 17th ExCom.
WESTERN SAMOA Several	Country programme preparation		Mar 1994	\$35,000	1994	Phase I is expected in March 1995. Delayed due to slow answer from the country.
ZAMBIA Several	Institutional Strengthening		Mar 1993	\$75,600	3 rd Q. 94- 2 nd Q. 97	Project document signed and funds are being transferred.
ZIMBABWE Several	Institutional Strengthening		Jul 1994	171,000	1 st Q. 95-4 th Q. 97	Project document finalized and pending signature by the Country. Activities to start 1st quarter of 1995
REGION: Several	AFR Support to regional network for ODS-officers Technical Assistance (ODSONET-AF)		Mar 1994	\$ 180,000	Oct 94 - May 1995	Regional Network Coordinator under recruitment. First ODSONET/AF-E planned for May 1995.
REGION: Refrigeration	ASP Regional Training Course on chillers for Asia (previously for French Speaking Africa)		Jun 1993	\$48,000	1994	Funds transferred from UNDP in June 1993. Cancelled in Algeria due to security problems in the region. Thailand requested to be host country. To be held in 2nd quarter 1995.
Refrigeration	Regional Training Course on chillers for East-Asia		Jun 1993	\$48,000	1994	Funds transferred from UNDP in June 1993. As India is not yet ready, the venue is being shifted to Malaysia.

Country Sector	Project Title	ODS to be phase- out	Date of approval	Approved Funding	Time frame	Status of implementation
REGION:	LAC					
Refrigeration	Regional workshop on non-CFC technologies for Domestic Refrigerator manufacturing industries in the LAC region	.	Dec 1994	\$100,000	1995	Consultant is being identified.
Several	Support to regional network for ODS Officers Technical assistance (ODSONET-LA-S)					1st Workshop for South American countries (ODSONET/LA-S) held in May 1994. 1st Workshop for Central American countries (ODSONET/LA-C) held end of November in Guatemala.
	Support to regional network for ODS Officers Technical assistance (ODSONET-LA-C)		Mar 1994	\$224,000	Apr 94 - Mar 1995	Follow-up meeting for ODSONET/LA-S held in November 1994 in Peru. ODSONET/LA-S workshop planned for March 1995, in Chile. Follow-up meeting for ODSONET LA-C in April 1995.
REGION:	MID-EAST					
GLOBAL						
Halon	International halon bank clearing-house function technical assistance		Mar 1993	\$100,000	1 year	Query response and recycling halon availability services on national halon bank being operated. Continuing dissemination of technical documents and information kit.
Refrigeration	Preparation of training material for refrigeration sector technical assistance		Mar 1993	\$160,000	1 year	
	Technical Directory of R+R equipment					Review has made it necessary to re-design part of the project. 2nd review estimated for 1st quarter 1995.
Several	Workshop for SMEs on management of phase-out (CSTMA)		Mar 1994	\$ 95,000	1994-1995	Planned in 1st quarter of 1995.

Country Sector	Project Title	ODS to be phase- out	Date of approval	Approved Funding	Time frame	Status of implementation
Several	Development of a training strategy		Mar 1993	\$100,000	2 years	TORs drafted. Comments invited from IAG. Draft strategy expected to be ready by April 1995.
Several	Information exchange clearinghouse system		Mar 1993 Mar 1994		2 years	Ongoing. (see details in the text)
	Prepare information papers and case studies					Ongoing. Several case studies compiled in Solvent, Refrigeration, Foam and Aerosol sectors. Over 100 existing case studies collected and draft compendium produced.
	Information Kit project		1993	\$ 90,000		3 Posters produced, video ready by March 95, handbook for ozone officers ready by May 95.
Several	Meeting of Consultants		Mar 1994		1 year	Organization is on going. Expected to be held in April 1995.

Note: Phase I includes first visit to the country by the consultant, consultation with national team and conducting of the ODS survey.
Phase II includes analysis of ODS data, formulation of national strategy and action plan, identification and prioritization of specific projects and drafting of country programme report in consultation with national team.

Q - Quarter

UNEP
ACTIVITIES COMPLETED

Country Sector	Project Title	ODS to be phase- out	Date of approval	Approved Funding	Time frame	Status of implementation
ALGERIA						
Several	Country programme preparation		Mar 1993	\$15,000	Mar-Jun 1993	Completed. Approved by the 11th ExCom meeting
BARBADOS						
Several	Country programme preparation		Mar 1993	\$30,000	1993-1994	Completed. Approved by the the 15th ExCom meeting.
BOTSWANA						
Several	Country programme preparation		Feb 1992	\$40,000	1992-1994	Completed. Approved by the 13th ExCom meeting.
BURKINA FASO						
Several	Country programme preparation		Feb 1992	\$30,000	1992-1993	Completed. Approved by the 11th ExCom meeting.
	Workshop on Monitoring and Control of ODS consumption		Nov 1993	\$14,500	1994	Completed. Workshop held in Ouagadougou, in October 1994. 4 neighbouring countries attended.
CAMEROON						
Several	Country programme preparation		Feb 1992	\$30,000	1992-June 1993	Completed. Approved by the 10th ExCom meeting.

Note: Phase I includes first visit to the country by the consultant, consultation with national team and conducting of the ODS survey. Phase II includes analysis of ODS data, formulation of national strategy and action plan, identification and prioritization of specific projects and drafting of country programme report in consultation with national team.

Country Sector	Project Title	ODS to be phase-out	Date of approval	Approved Funding	Time frame	Status of implementation
	Workshops on Monitoring and Control of ODS consumption		Jun 1993	\$20,200	1993-1994	Completed. Workshop held in Douala, in August 1994. 3 neighbouring countries participated
COTE D'IVOIRE Several	Country programme preparation		Nov 1993	\$10,000	1994	Completed. Approved by the 12th ExCom meeting.
FIJI Several	Country programme preparation		June 1991	\$25,000	1991-June 1992	Completed. Approved by the 10th ExCom meeting.
GHANA Several	Country programme preparation		Jun 1991	\$25,000	1991-1992	Completed. Approved by the 8th ExCom meeting
GUATEMALA Several	Country programme preparation		Feb 1992	\$30,000	1992-1993	Completed. Approved by the 10th ExCom meeting.
MALAWI Several	Country Programme preparation		Feb 1992	\$30,000	1992-1993	Completed. Approved by the 12th ExCom meeting.
MALDIVES Several	Country Programme preparation		Jun 1991	\$25,000	1991-1992	Completed. Approved by the 10th ExCom meeting
MAURITIUS Several	Country Programme preparation		Mar 1993	\$10,000	Mar 1993-June 1993	Country Programme started when country was Non-Party. Completed. Approved by the 10th ExCom meeting
PANAMA Several	Country programme preparation		Feb 1992	\$30,000	1992-June 1993	Completed. Approved by the 10th ExCom meeting.

Country Sector	Project Title	ODS to be phase-out	Date of approval	Approved Funding	Time frame	Status of implementation
SENEGAL						
Several	Country programme preparation	.	Nov 1993	\$10,000	1994	Country Programme started when country was non-party. Completed. Approved by the 11th ExCom meeting.
	Workshop on Monitoring and Control of ODS consumption		Nov 1993	\$26,000	1994	Completed. Held in Dakar on 24-27 October 1994. 4 neighbouring countries participated.
SEYCHELLES						
Several	Country Programme preparation		Oct 1993	\$30,000	1993-1994	Completed. Approved by the 13th ExCom meeting.
SUDAN						
Several	Country Programme preparation		Nov 1993	\$10,000	Nov'93 - Mar'94	Country programme started when country was non-party. Completed. Approved by the 12th Excom meeting.
SWAZILAND						
Several	Country programme preparation		Mar 1994	\$40,000	1994	Completed . Approved by the 15th ExCom meeting.
SYRIA						
Several	Country programme preparation		Jun 1991	\$25,000	1991-1992	Country Programme completed. Approved at the 11th ExCom meeting.
UGANDA						
Several	Country Programme preparation		Jun 1991	\$25,000	1991-1994	Completed. Approved at the 13th ExCom meeting.

Note: Phase I includes first visit to the country by the consultant, consultation with national team and conducting of the ODS survey. Phase II includes analysis of ODS data, formulation of national strategy and action plan, identification and prioritization of specific projects and drafting of country programme report in consultation with national team.

Country Sector	Project Title	ODS to be phase-out	Date of approval	Approved Funding	Time frame	Status of implementation
ZAMBIA						
Several	Country Programme preparation		Jun 1991	\$25,000	1991-1992	Completed. Approved by the 8th ExCom meeting
ZIMBABWE						
Several	Country Programme preparation		Mar 1993	\$40,000	1993-1994	Completed. Approved by the 13th ExCom meeting.
REGION: AFR						
Several	Regional Workshop on the implementation of the Montreal Protocol for African region		Feb 1992	\$210,000	Dec 1992	Completed. Workshop held in Nairobi, Kenya (Dec 1992).
Refrigeration	Regional training course on refrigeration for Africa		Feb 1992	\$90,000	Dec 1992	Completed. Training Course was held in Nairobi, Kenya for 11 countries from Africa (Dec 1992).
Refrigeration	Regional Training Course on Chillers/Refrigerant Management plan for English Speaking Africa		Jun 1993	\$48,000	1994	Completed. Training Course held in Zambia, in September 1994
Several	Regional Workshop on practical implementation of the Montreal Protocol - Industry perspective		Nov 1993	Bilateral Cooperation	Aug 1994	Completed. Workshop held in Swaziland in Co-operation with South Africa. 15 countries attended. Practical case studies presented along with field visit.
REGION: ASP						
Several	Regional Workshop on the Implementation of the Montreal Protocol for the Asia-Pacific region		Jun 1991	\$217,000	Nov 1991	Completed. Workshop held in Jomtien, Thailand (Nov 91)
Refrigeration	Regional Training Course on chillers for South-Asia		Jun 1993	\$48,000	1994	Completed. Training course was held in Philippines in December 1994.

Country Sector	Project Title	ODS to be phase-out	Date of approval	Approved Funding	Time frame	Status of implementation
Refrigeration	Regional Workshop on Refrigeration and Air-Conditioning Training Programmes for SouthEast Asia/Pacific		Mar 1993	\$90,000	April 1994	Completed. Workshop held in Jakarta, 12-15 April in cooperation with Australia.
Halon	Regional Halon Workshop, organized by Malaysia for Southeast Asian Countries		Mar 1993	\$80,000	January 1994	Completed. Workshop held in Kuala Lumpur, Malaysia, 18-20 January 1994. 10 countries attended.
Several	1994 ODSNET/SEAP meeting part of activities under the Network in ODS offices in South East Asia/Pacific			funded by SIDA		Workshop held in Hanoi 23-27 August 1994
	Follow up meeting to Odsonet SEAP Workshop					Completed. Workshop held in Thailand, 30-31 January 1995.
REGION:	LAC					
Several	Regional workshop on the Implementation of the Montreal Protocol for Latin America and the Caribbean		Jun 1991	\$217,000	May 1992	Completed. Workshop held in Caracas, Venezuela (May 1992).
	1994 ODSNET/LA-S workshop part of activities under the Network for ODS offices in South America					Workshop held in Montevideo in May 1994 ODSONET/LA-S Bulletins issued on 15 August and 15 October
REGION:	MID-EAST					
Aerosol	Aerosol Conversion Training Course		Mar 1993	\$90,000	1st quarter 1994	Completed. Training Course held in March 1994. 11 countries attended.

Note: Phase I includes first visit to the country by the consultant, consultation with national team and conducting of the ODS survey. Phase II includes analysis of ODS data, formulation of national strategy and action plan, identification and prioritization of specific projects and drafting of country programme report in consultation with national team.

Country Sector	Project Title	ODS to be phase-out	Date of approval	Approved Funding	Time frame	Status of implementation
Refrigeration	Regional training Course on Chillers for Mid-East		Jun 1993	\$48,000	1994	Completed. Training course held in Bahrain, in December 1994.
REGION:	ARABIC SPEAKING COUNTRIES					
Several	Regional workshop on the Implementation of the Montreal Protocol for Arabic speaking countries		Jun 1991	\$217,000	Dec 1991	Completed. Workshop held in Cairo, Egypt (Dec 91).
GLOBAL						
Aerosol	Conversion technology manual/handbook		Mar 1993	\$40,000	1 year	Completed in mid-1994.
Halon	International halon bank clearing-house function		Mar 1993	\$100,000	1 year	Developing Countries Halon Bank Managers being supported to attend Halon-Workshops; Bulk quantities of halon bank information kit, etc. Provides to national Halon bank workshops.
Refrigeration	Preparation of training material for refrigeration sector		Mar 1993	\$160,000	1 year	
	Manual/Guidelines on Good practices					Completed.
	Training Manual on Chillers and Refrigerant Management					Completed.
Several	Practical guide to Policy guidelines for Industry on Management of Phase-out in SMEs					Completed.
Several	Elements for establishing Policies; strategies and Institutional Framework for Ozone Layer Protection (for National Ozone Units/Focal Point)					Completed.

Country Sector	Project Title	ODS to be phase- out	Date of approval	Approved Funding	Time frame	Status of implementation
Several	Ozonaction Newsletter	.	Mar 1993	\$180,000	1 year	13th issue published along with Special supplement on Non-Fluorocarbon alternatives for Refrigeration and Air Conditioning published 5 languages (E, F, S, A, Ch).
Several	Support to other national training activities		Mar 1993	\$50,000	N/A	Completed. Participants from developing countries supported for training/workshops.

Note: Phase I includes first visit to the country by the consultant, consultation with national team and conducting of the ODS survey. Phase II includes analysis of ODS data, formulation of national strategy and action plan, identification and prioritization of specific projects and drafting of country programme report in consultation with national team.

Sector	Project Title	Date of approval	Approved Funding	Time Frame	Status of implementation
Several	Information exchange clearinghouse System	Mar 1993 Mar 1994	\$705,000 \$1,105,000	2 Years	See details below
	Sourcebook of Technologies for protecting the Ozone Layer: Aerosol, Sterilants, Miscellaneous Uses & CFC Sector				Completed, published and disseminated to all NOUs.
	Sourcebook of Technologies for protecting the Ozone Layer: Flexible & Rigid Foam Sector				Completed, published, and disseminated to all NOUs.
	Sourcebook of Technologies for protecting the Ozone Layer: Refrigeration, Air-Conditioning & Heat Pumps Sector				Completed, published, and disseminated to all NOUs
	Sourcebook of Technologies for protecting the Ozone Layer: Specialized Solvent uses				Completed, published, being disseminated to all NOUs.
	Prepare information papers and case studies				2 information papers updated + disseminated; 5 information papers developed and disseminated.
					12 draft aerosol case studies developed in cooperation with aerosols TOC; draft case study compendium containing 100 existing case studies produced.
	OzonAction Document Repository (library)				More than 800 references abstracted to date, about 430 new technical and policy documents/papers acquired.
	OAIC diskette version				Disseminated AN 500 copies of OAIC-DV Version 1.0 to NOUs + other target groups in developing countries; completed major software modifications and data input for OAIC-DV version 2.0.
	On-line OAIC system maintenance				Message centres monitored and basic system maintenance performed.

Sector	Project Title	Date of approval	Approved Funding	Time Frame	Status of implementation
	Quality review of technology sourcebooks				Completed quality review of remaining catalogues (foam and refrigeration). Held additional quality review meeting to address errata in refrigeration sourcebook.
	Continue direct query response service				Researched and responded to technical and policy queries (1836).
	International recycled halon bank management information clearinghouse				Researched and responded to technical and policy queries; responded to halon availability queries; provided back quantities of halon bank publications and supported developing countries participation in halons alternatives conference.
	Publication dissemination				Over 26 000 technical brochures and 5 000 halon information kits disseminated at conferences. 1 000 halon information kits were reprinted due to additional request.
	Outreach activities				Publications disseminated and data collected during conferences/workshops through exhibition booths. (Washington, D.C., ...)
	Translate Technical Brochures (Arabic and Chinese)	Mar 1994		1 year	Expected to start in Aug 1994

Note: Phase I includes first visit to the country by the consultant, consultation with national team and conducting of the QDS survey. Phase II includes analysis of QDS data, formulation of national strategy and action plan, identification and prioritization of specific projects and drafting of country programme report in consultation with national team.