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Executive Committee of the
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Montreal, 23-26 June 1992

UNEP PROGRESS REPORT

UNEP OZONACTION PROGRAMME UNDER THE
INTERIM MULTILATERAL OZONE FUND (IMOF)

PROGRESS REPORT

as of
25 May 1992

This progress report presents an overview of 10 months of activity (from July 1991 to May 1992) of the UNEP OzonAction programme under the IMOF.

I. OVERVIEW OF THE OZONACTION PROGRAMME

The programme consists of three interrelated activities:

1. Information exchange through:

- (i) the operation of a computerized clearinghouse of technical and legal information;
- (ii) the preparation and dissemination of technical brochures, newsletters and guidelines;

2. Training and networking activities.

3. Country programmes for low-volume CFC consuming countries.

The programme is advised by a group of 10-12 persons drawn from industry, governments, NGOs, WB and UNDP. Ad hoc advisory groups are also convened on specific issues.

II. PROGRESS AS OF 25 MAY 1992

1. Information exchange

(i) Computerized Information Clearinghouse

The development of the international OzonAction information clearinghouse (OAIC) can be summarized as follows:

(a) System Development

- Created prototype OAIC. Extensive testing underway. Prototype system will be on-line by end of June.

- Extensive programming of four data bases to be included in OAIC:
 - Technologies, Products and Services
 - National Phase-out Activities
 - Corporate Phase-out Programmes
 - Chemical Properties Data Base
- Minor programming of three data bases to adapt from ICPIC:
 - Calendar of Events
 - Contacts
 - Publications
- Initial programming of "front-door" system enables users to select and move between OAIC and ICPIC.
- Designed and programmed bulletin board software to reflect changes in all menu screens, command prompts, etc.
- Integration of OzoNet data into the prototype OAIC underway; will be final by end of June.

b. Information Collection

Aerosols, Sterilants, Miscellaneous Uses and Carbon Tetrachloride:

- Terms of Reference sent to various organizations to solicit bids to develop Catalogue of CFC-Free Technologies for the Foam Sector. Negotiations currently underway; Letter of Agreement expected to be signed mid-June.

Foams:

- Extensive contact with Rendan and Danish EPA regarding Letter of Agreement to develop Catalogue of CFC-Free Technologies for the Foam sector. Letter of Agreement expected to be signed by first week of June. Note: Rendan has already begun work on this catalogue under a related project sponsored by the Nordic Council of Ministers.

Halons:

- Memorandum of Understanding signed between US EPA and UNEP to help develop OAIC and collect halon sector data. US EPA has completed initial information collection phase for the Catalogue of CFC-Free Technologies for the Halon Sector.

Refrigeration, Air Conditioning, and Heat Pumps:

- Letter of Agreement signed between UNEP and SINTEF Refrigeration Engineering to develop Catalogue of CFC-Free Technologies for Refrigeration sector. Information collection phase initiated.

Letter of Agreement being signed between UNEP and International Institute of Refrigeration (IIR), under which IIR provides quality review and expert assistance to work being conducted by SINTEF.

Solvents, Coatings, and Adhesives:

- Agreement reached between Industry Cooperative for Ozone Layer Protection (ICOLP) to transfer data from OzoNet system to OAIC. Discussions underway with ICOLP regarding further development of solvent sector data.

Methyl Bromide:

- As the beginning of the information collection process for this topic, contacted NASA and several trade associations regarding methyl bromide issues.

National Policies and Corporate Activities to Phase Out CFCs:

- Call for Information (CFI) letters sent to all InfoTerra National Focal Points. Follow-up letters sent to additional organizations identified in responses identified by focal points.
- CFIs sent to all developed countries party to the Montreal Protocol. Follow-up letters sent to additional organizations identified in responses identified by developed country contacts.
- CFIs distributed to all participants at 6th Meeting of the Open-Ended Working Group of Parties to the Montreal Protocol (OEWG). Follow-up letters sent to additional organizations identified in responses identified by OEWG contacts.

OzonAction Library Development:

- Over 170 documents and conference papers abstracted for OAIC Publications data base.
- Cataloguing system developed, draft hardcopy bibliography produced for dissemination, produced hardcopy abstracts document for dissemination.
- Keyword list developed. Continuous updating underway.
- Major libraries involved in ozone depletion issues contacted. Acquired

bibliographies and keyword lists, and incorporated them into OAIC library.

- Solicited donation of new documents for OAIC library.

c. Information Dissemination

- Developed OzonAction programme description, OAIC access procedure sheets, etc. A user guide is being developed.
- Responded to information queries from public (on-going task).

(ii) Preparation and dissemination of technical brochures, newsletters and guidelines

- The technical brochures on Solvents and Refrigeration have been completed, in close liaison with the members of the UNEP Technical Options Committees, and are ready for distribution. The first drafts of the technical brochures on Aerosols and Halons are already under review, and the first draft of the brochure on Foams is ready to be sent for review. 13,000 copies of each brochure (English, Spanish and French languages) will be distributed.
- The first issue of the *OzonAction* newsletter was published at the end of 1991 in English, French and Spanish (15,000 copies). Translation into Arabic was completed in January 1992 and into Chinese in May 1992. The second issue of *OzonAction* was published in March 1992 and both have been widely distributed. The third issue scheduled to be published in May 1992. (Samples of comments received on the newsletter are attached.)

- (iii)** A meeting was convened in January 1992 with the main industry associations concerned, together with experts from the technology and economic assessment panels, to discuss the progress of the clearinghouse, and industry's involvement in the programme.

2. Training and Networking Activities

- One regional workshop was organized in the Asia and the Pacific Region in November 1991 (Jomtien, Thailand); a second one for the Arabic speaking countries in December 1991 (Cairo, Egypt); and a third workshop was organized for Latin America and the Caribbean in May 1992 (Caracas, Venezuela).

The workshops are designed to provide decisions-makers in government and industry, in positions concerned with the use of alternatives to ODSs, the latest information on:

- the effect of ODS to the atmosphere
- possible policies and strategies to phase out CFCs
- available technical alternatives (most chairpersons of the technology review panel participated)
- sources of international funding
- existing sources of technical support and information.

Funding from other sources (FINNIDA) was used to invite non-parties to the protocol, so as to encourage them to ratify it.

- Reports of the workshops held in Bangkok and in Cairo have been prepared and widely disseminated. As a follow-up to these workshops, a letter was sent to the secretariats of the Executive Committee highlighting the points on which clarifications are sought from the IMOF.
- A regional seminar for Asian countries is being sponsored and co-organized with the Government of Singapore, with the objective of helping Asian countries draw their action plans for the phase-out of controlled substances.
- A technical workshop in the area of refrigeration will be prepared in co-operation with UNDP to be held back to back with the African workshop.
- UNEP IE/PAC participated in the Pilot Workshop for CFC Officers, organized by UNEP/ROAP under the UNEP/SIDA project.
- The initial steps have been taken for the publication of a training manual for the refrigeration sector, contacting the appropriate professional organizations.

3. Country Programmes

- Phase II (analysis of data and country programme report) is underway for Fiji, Maldives, Ghana, Syria, Uganda and Zambia; and first elements of the country reports will be available in June 1992.
- First contact and preparation for missions were initiated for Botswana, Togo, Cameroon, Burkina Faso and Malawi.

III. LESSONS LEARNED FROM THE PAST 10 MONTHS' ACTIVITY

1. Information Exchange

- *Computerized Information Clearinghouse.* In order to save costs, UNEP has "piggybacked" the OAIC onto UNEP's existing ICPIC hardware and software. This configuration has proved more technically complex than originally believed, and more work will be needed to refine the OAIC system.

- *Information Collection.* The building of a library has been successfully undertaken, establishing a core of technical knowledge within the programme. Update of the library has to be constantly maintained. The efforts to regularly collect information on the latest developments in governments, industries and institutions is difficult, although UNEP has launched calls for information through various channels. Extensive follow-up is required. The amount of money allocated for the collection of information has proved to be very low, and first gathering of information has been possible thanks to additional sources of funding (Nordic Council of Ministers). Even if the information collected is limited to technologies of interest to article 5 countries, collection of data and quality assurance require time. Regular updates will also be necessary.
- *Information Dissemination.* To develop the awareness of the existence of the information and bring the information to the user, more work will be needed, participating in conferences, seminars, etc. The answer to the queries has also proved to be extensively time consuming.
- *OzonAction newsletter.* The newsletter has been very well received and an 8-pages newsletter might have to be considered. Dissemination costs (mail, faxes) are very high.

2. Training activities

- The training activities have been very successful in raising awareness, in bringing information to decision makers and in networking. This last component is of primary importance and such networking activities should be continued on a regular basis in order to follow up on the implementation of the Protocol and to facilitate the exchange of information among peers.

3. Country Programmes

- Country programmes have proved to be an extremely useful tool in accelerating the actions taken by countries towards the implementation of the Montreal Protocol, specifically, the designation of officials in charge, the creation of a national ODS network, and the creation of the institutional framework needed to handle ODS issues. This suggests the usefulness of similar follow-up activities, i.e., Country Programme follow-up visits.

UNEP budgetary expenditures
1991 and 1992 work programmes under the IMOF

PROVISIONAL

	Allocated by IMOF			Committed as of 25 May 92
	1991 US \$	1992 US \$	Total US \$	US \$
1- <u>Country Programmes</u>				
(Fiji, Maldives, Ghana, Uganda, Zambia, Syria)	150.000			150.000
(Botswana, Burkina Faso, Cameroon, Togo, Cambodia, Malawi, Guatemala, Panama)		240.000		120.000
Sub-Total	150.000	240.000	390.000	270.000
2- <u>Training and networking activities</u>				
Thailand	217.000			190.000
Cairo	217.000			100.000
Latin America	217.000			210.000
Africa		210.000		
Support to other count. activ.		100.000		60.000
Other costs	87.000	263.000		87.000
Sub-Total	738.000	573.000	1.313.000	647.000
3- <u>Information Exchange</u>				
a) Computerized System				
- adaptation of existing software, ICPIC	90.000			90.000
- collection of initial information for				
Foams	50.000			50.000
Refrigeration	60.000			70.000
Halogens	25.000			35.000
Aerosols		55.000		
- other costs to start gathering of information and documentation	14.000			14.000
- System maintenance		190.000		
- Short term contracts		135.000		28.375
- Technical documentation		50.000		
b) Technical brochures in 3 languages	225.000			225.000

c) Ozonation newsletter (4 issues, 5 languages)	15.000	70.000	30.000
d) General costs, including dissemination	47.000	250.000	80.000
<u>Sub-Total</u>	<u>526.000</u>	<u>750.000</u>	<u>1.276.000</u>

4- Various

Advisory group meeting	70.000	35.000	35.000
Travel		100.000	22.892
<u>Sub-Total</u>	<u>70.000</u>	<u>135.000</u>	<u>205.000</u>

<u>Total</u>	<u>1.484.000</u>	<u>1.700.000</u>	<u>3.184.000</u>
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