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Executive Committee of
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Implementation of the Montreal Protocol

Twentieth Meeting
Montreal, 16-18 October 1996

PROGRESS REPORTS ON BILATERAL COOPERATION

STATUS REPORT ON BILATERAL ACTIVITIES OF AUSTRALIA

I. Project Approvals and Disbursements

A. Annual Summary Data

As at 30 June 1996, the Executive Committee has approved 6 activities as bilateral contributions from the Government of Australia to the Multilateral Fund. Of the US \$ 231,510 approved*, US \$ 226,478 has been disbursed including completed projects. Bilateral contributions on an annual basis are as follows:

<u>Year</u>	<u>Amount*</u> <u>(US dollars)</u>
1992	34 974
1993	4 317
1994	66 800
1995	120 387
TOTAL	226 478

* Adjusted for the return of unutilised funds.

B. Summary Data by Type (CPG, DEM, INS, INV, PRP, TAS, TRA)

Under the Secretariat's classification system, Australia's bilateral activities are distributed among the following types of projects:

Type	Number of Projects	Amount Approved * (US dollars)
Country Programmes	-	-
Demonstration Projects	1	38 387
Institutional Strengthening	-	-
Investment Projects	-	-
Project Preparation	1	40 000
Technical Assistance	-	-
Training	4	148 091
TOTAL		226 478

* Adjusted amount - includes any adjustments for unutilised funds.

II. Project Completions since Last Report

N/A

III. Global and Regional Project Highlights

The project, "Demonstration Project - Replacement of Methyl Bromide with Non-Ozone Depleting Alternatives in Grain Storage" (project number AFR/FUM/17/TAS/14) was conducted in September 1995. This workshop was well attended, with 25 participants. The project was well received and feedback indicates that it achieved its purpose of disseminating technical and practical information on the use of alternative substances and technologies.

IV. Completed and Ongoing Projects

All of the Government of Australia's bilateral activities are considered non-investment projects. Of the approved activities, the Government of Australia has completed five non-investment projects and one is classified as ongoing. Australia has not formulated any investment projects to date.

V. Status of Project Preparation, by country

Project preparation activities in 2 countries, Vietnam and Argentina, have been completed. In Argentina, 100 per cent of the funds allocated have been disbursed. The Argentinean project proposal is expected to be submitted intersessionally near the end of 1996. The Vietnamese project proposal has been submitted as a joint UNDP-Australia project to the 20th meeting of the Executive Committee. Both projects target ODS emission reduction in the service sub-sector of the refrigeration and air-conditioning sectors.

In Vietnam, no bilateral funds have been disbursed, however implementation is expected to commence by mid-1997. In Argentina, all project preparation funds have been disbursed, with the second stage of an emission reduction training and equipment provision project to be submitted to the Executive Committee intersessionally in late 1996 with implementation expected to commence in 1997.

VI. Administrative Issues (Adjustments and Other Issues)

A. Adjustments

Three projects (ASP/SEV/7/TRA/6, AFR/FUM/17/TAS/14 and ASP/SEV/8/TRA/8) were completed under budget by (respectively) US \$4 420, US \$509 and US \$103. These balances were returned to the MLF through Australia's regular contributions.

B. Other Issues

N/A

Status Report on Canada's Bilateral Activities

I. Project Approvals and Disbursements

A. Annual Summary Data

The Executive Committee has approved eleven activities as bilateral contributions from the Government of Canada to the Multilateral Fund. Of the US \$ 2,145,750 approved*, US \$ 1,453,213 has been disbursed including completed projects. Bilateral contributions on an annual basis are as follows:

<u>Year</u>	<u>Amount*</u> <u>(US dollars)</u>
1993	\$ 324,750
1994	\$ 952,420
1995	\$ 851,580
1996	\$ 17,000
TOTAL	\$ 2,145,750

* Adjusted for the return of unutilised funds.

B. Summary Data by Type (CPG, DEM, INS, INV, PRP, TAS, TRA)

Under the Secretariat's classification system, Canada's bilateral activities are distributed among the following types of projects:

Type	Number of Projects	Amount Approved* (US dollars)
Country Programmes		
Demonstration Projects	3	1,168,580
Institutional Strengthening		
Investment Projects		
Project Preparation		
Technical Assistance	5	696,280
Training	3	280,890
TOTAL		2,145,750

* Adjusted amount--includes any adjustments for unutilised funds.

II. Project Completions since Last Report

Since the last progress report, the Government of Canada has completed the following projects:

Project Number	Project Title	Remarks/Lessons Learned
IND/SEV/15/TAS/31	Initiative to help phase-out use of ODS by Asian SMEs	Completed three workshops held in Mumbai, Madras and Delhi in February 1996.
VEN/HAL/11/TAS/18	<i>Halon recycling and bank management in halon sector - Phase I</i>	Completed. Venezuela no longer requires the importation of halons for servicing needs as a result of this project.
BRA/REF/11/TRA/11	Ozone depleting substances workshop in Brazil	Completed.
CPR/REF/14/TAS/81*	Feasibility study to establish a refrigerant programme in Sichuan province	Completed

III. Global and Regional Project Highlights

n/a

IV. Completed and Ongoing Projects

All of the Government of Canada's bilateral activities are considered non-investment projects. Of the eleven approved activities, the Government of Canada has completed eight and three are classified as ongoing.

V. Status of Project Preparation, by country

n/a

VI. Administrative Issues (Adjustments and Other Issues)

A. Adjustments

n/a

B. Other Issues

n/a

Annex I Country Developments and Institutional Strengthening Unit Highlights

A. Country Developments

Brazil

The Halon Recycling and Bank Management Project in Brazil will start during the week of September 23, 1996 with an organizational meeting in Sao Paulo. This meeting will finalize the scope of work and establish a working group to act as advisers for the remainder of the project.

Project implementation was considerably delayed due to confusion regarding the lead agency in Brazil. The Interministerial Executive Committee (PROZON) in Brazil clearly defined all concerned agencies/organizations' role in early August which has allowed Canada to proceed with this project.

Chile

The Bromosorb equipment is currently being installed in David del Curto fumigation plant in Kalinka (approx. 45 minutes from Santiago). Installation is to be completed in October of this year, at which time initial testing on kiwi fruit will be carried out with the help of an international expert.

Venezuela

Phase II of the Halon Recycling and Bank Management is on schedule. A workshop for the fire protection industry was held June 6-9 in Caracas and was well attended. The Halon 1301 recycling equipment was shipped to Venezuela at the end of July and was successfully installed in August. Three more workshops are planned as part of this project.

B. Institutional Strengthening

n/a

ROYAL DANISH MINISTRY OF FOREIGN AFFAIRS

PROGRESS REPORT

I. Project Approvals and Disbursements

A. Annual Summary Data

The Executive Committee has approved one activity as bilateral contributions from the Government of Denmark to the Multilateral Fund. No disbursement has been reported yet due to ongoing negotiations regarding the use of a different, less expensive reclaim unit which will be more suitable. The bilateral contributions was credited against 1995 contributions.

B. Summary Data by Type (CPG, DEM, INS, INV, PRP, TAS, TRA)

Under the Secretariat's classification system, this bilateral activity is classified as a Technical Assistance project.

II. Project Completions since Last Report

N/A.

III. Global and Regional Project Highlights

N/A.

IV. Completed and Ongoing Projects

This contribution is considered a non-investment project and is on-going. Project activities expected to be completed by December 1996.

V. Status of Project Preparation, by country

N/A.

VI. Administrative Issues (Adjustments and Other Issues)

A. Adjustments

N/A.

B. Other Issues

N/A.



**STATUS REPORT ON BILATERAL ACTIVITIES OF
THE GOVERNMENT OF FRANCE AS AT 30 JUNE 1996**

In accordance with Executive Committee decisions requiring progress reports on bilateral activities, this report provides the status of bilateral activities through 30 June 1996 under implementation by the Government of France.

During 1995, France was primarily involved in activities in Mauritania, Malaysia, and a regional technology transfer project for French-speaking African countries

I. Project Approvals and Disbursements

A. Annual Summary Data

The Executive Committee has approved 11 activities as bilateral contributions from the Government of France to the Multilateral Fund. Of the US \$ 640,031* approved including approvals from the 19th Meeting, US \$ 217,857 has been disbursed including completed projects. Bilateral contributions on an annual basis are as follows:

<u>Year</u>	<u>Amount*</u> <u>(US dollars)</u>
1994	243,431
1995	346,600
1996	50,000
TOTAL	640,031

* Adjusted for the return of unutilised funds.

B. Summary Data by Type (CPG, DEM, INS, INV, FRP, TAS, TRA)

Under the Secretariat's classification system, the France's bilateral activities are distributed among the following types of projects:

<u>Type</u>	<u>Number of Projects</u>	<u>Amount Approved*</u> <u>(US dollars)</u>
Country Programmes	2	62,657
Demonstration Projects	-	-
Institutional Strengthening	1	38,874
Investment Projects	2	333,500
Project Preparation	3	50,000
Technical Assistance	1	120,000
Training	2	35,000
TOTAL	11	640,031

* Adjusted amount--includes any adjustments for unutilised funds.

II. Project Completions since Last Report

Since the last progress report, the Government of France has completed the following project:

Project Number	Project Title	Remarks/Lessons Learned
AFR/SEV/17/TAS/11	Technology transfer workshop for African countries on practical implementation of the Montreal Protocol	UNEP assisted in the project. Difficulties in implementing projects in developing countries and the importance of bilateral cooperation.
ASP/VIET/13/CPG/3	Country Programme Preparation	The CP of Vietnam has been submitted for approval at the 19th ExCom

III. Global and Regional Project Highlights

The project, "Technology transfer workshop for African countries on practical implementation of the Montreal Protocol" (project number AFR/SEV/17/TAS/11), was completed when the workshop foreseen by the project was held on 27-28 February 1996 in Douala, Cameroon. The workshop was well-attended with 65 participants representing governments and industries from 19 countries including: Algeria, Benin, Burkina Faso, Cameroon, Central African Republic, Chad, Comores, Congo, Côte d'Ivoire, Gabon, Mali, Morocco, Mauritania, Niger, Republic of Guinea, Senegal, Togo, Tunisia, and Zaire.

Presenters at the workshop included representatives of Egypt, France, Italy, and Switzerland. The workshop resulted in an increased awareness of the difficulties in implementing ODS phase-out projects, the importance of bilateral cooperation, and the responsibilities of implementing agencies.

IV. Completed and Ongoing Projects

All of the Government of France's bilateral activities are considered non-investment projects with the exception of "Phasing out the use of CFC-113 in the electronics industry through the technical promotion of no clean processes in Malaysia" (project number MAL/SOL/18/INV/78) and "Conversion of CFC-based commercial refrigeration installations in the fishing industry" (project number MAU/REF/14/INV/5) which are expected to phase-out 24 and 2 ODP-weighted metric tonnes, respectively.

Of the 11 approved activities, the Government of France has completed 3 and 8 are classified as ongoing including the two investment projects.

V. Status of Project Preparation, by country

Project preparation activities are underway in three countries: Lebanon, Morocco and Senegal. These projects were approved at the 19th Meeting and US \$ 19,000 has been disbursed as at 30 June.

The investment projects in Lebanon should be presented for approval and funding for the 20th ExCom meeting.
For Morocco and Senegal, the investment projects should be presented at the following ExCom meeting.

VI Administrative Issues (Adjustments and Other Issues)

FRANCE is not requesting Agency Fees for its bilateral activities.

Annex I Country Development and Institutional Strengthening Unit Highlights

A. Country Developments

Mauritanie

L'exécution des projets a été retardé du fait de changements de personnes au sein de la Direction de l'Environnement et de l'Aménagement Rural:

- un nouveau directeur a été nommé,
- un nouveau point focal, en la personne de Madam : Aïma Mint Salem Vall, a été nommé.

Reconversion des installation commerciales utilisant les CFC dans le secteur de la pêche:

L'appel d'offres a été rédigé et les consultations sont en cours.

Formation des techniciens du froid:

L'appel d'offres a été rédigé et les consultations sont en cours.

Formation et sensibilisation du personnel en charge du suivi et de l'identification des SAP et des appareils qui en contiennent:

L'appel d'offres a été rédigé et les consultations sont en cours.

Malaysie

Le projet a été nouvellement approuvé. Une première mission d'expert pour l'exécution du projet a eu lieu au mois de décembre 1995.

B. Institutional Strengthening

Mauritanie

Le contrat entre le Ministère de l'Environnement et de l'Aménagement Rural et de la Caisse Française de Développement a été signé.

Les fonds nécessaires au fonctionnement du Bureau Ozone pour les six premiers mois de 1996 ont été débloqués, ainsi que les fonds pour l'assistance technique pour la mise en place du Bureau Ozone.

STATUS REPORT ON BILATERAL ACTIVITIES OF THE GOVERNMENT OF THE UNITED STATES

In accordance with Executive Committee decisions requiring progress reports on bilateral activities, this report provides the status of bilateral activities through 30 June 1996 under implementation by the Government of the United States.

During 1995 and 1996, the United States was primarily involved in activities in Argentina, Chile, Colombia, China, Dominican Republic, Philippines, Uruguay, and Venezuela. The United States also collaborated with UNIDO to complete the report Reducing CFC Use in Refrigeration: Strategic Options for Countries with Low CFC Consumption, and worked in partnership with UNDP and the Global MAC Project to implement joint CFC emissions reduction projects in the MAC sector in several of the above countries.

I. Project Approvals and Disbursements

A. Annual Summary Data

The Executive Committee has approved 55 activities as bilateral contributions from the Government of the United States to the Multilateral Fund. Of the US \$ 9,944,412* approved including approvals from the 19th Meeting, US \$7,432,768 has been disbursed including completed projects. Bilateral contributions on an annual basis are as follows:

<u>Year</u>	<u>Amount (US dollars)</u>
1991	480,000
1992	1,669,000
1993	1,414,110
1994	2,710,000
1995	3,671,302
1996	-
TOTAL	9,944,412

B. Summary Data by Type (CPG, DEM, INS, INV, PRP, TAS, TRA)

Under the Fund's classification system, the United States bilateral activities are distributed among the following types of projects:

Type	Number of Projects	Amount Approved* (US dollars)
Country Programmes	4	138,000
Demonstration Projects	16	2,425,437
Institutional Strengthening	1	350,000
Investment Projects	2	2,378,865
Project Preparation	12	1,351,000
Technical Assistance	7	1,227,110
Training	13	2,074,000
TOTAL	55	9,944,412

* Amount includes corrections (see section VI) but not adjustments for unutilized funds.

II. Project Completions since Last Report

Since the last progress report, the Government of the United States has completed the following projects:

Project Number	Project Title	Remarks/Lessons Learned
CPR/REF/16/DEM/117	MAC servicing demonstration	Project successfully implemented in Beijing with recovery/recycle equipment provided to 17 MAC repair shops in August 1995. Fifty technicians were trained in the use of the equipment and other techniques to reduce CFC-12 emissions during operation, maintenance and repair of MAC systems. The project is reducing CFC-12 emissions by an estimated 11.4 tonnes annually, at a cost of approximately US\$23/kg. Moreover, initial feedback indicates that the project is helping stimulate purchases of additional recovery/recycle equipment and therefore additional emissions reductions are being achieved. The final project implementation step was a visit to the shops this spring to provide technical support as the shops prepared for the 1996 MAC servicing season. Final report under preparation.
DOM/REF/17/TAS/135	Project preparation in commercial refrigeration	Commercial refrigeration demonstration project prepared and submitted/approved at 18th Executive Committee meeting.
MAL/HAL/15/PRP/54	Project preparation in the halon sector	Prepared with the U.S. Navy training materials for workshop on halon management and recycling that was set for Nov. 94 but Government of Malaysia postponed indefinitely. Training materials sent to Malaysia and UNEP. Workshop was to provide opportunity to identify further cooperative projects. Government was resolving issues related to World Bank project in this same sector. No further activities foreseen for this project. Remainder of funds to be remitted back to Fund (see Adjustments).
PAN/HAL/13/TAS/04	Technical assistance in halon 1211 management	Developed strategy and project to eliminate use of halon 1211 in Panama. Implementation delayed due to change in Government in spring 1994. EPA pursued efforts to resume project in 1995 but no further activities have been agreed. Remainder of funds to be remitted back to Fund (see Adjustments).
VEN/SEV/15/TRA/33	Training in all ODS sectors in Venezuelan military	With FONDOIN, U.S. Navy, and Canadian expert, conducted 2-day training workshop and meetings in July 1995 with various branches of Venezuelan military. Exchanged information on ODS reduction and elimination efforts in the U.S., Canada, and worldwide with particular emphasis on alternatives to halon for critical fire protection needs.
LAC/REF/13/PRP/9	Project preparation for low-consuming countries	Successful collaboration with UNIDO to prepare this report which was completed May 1996. UNIDO preparing further projects for some countries that were included in report. Final report has been submitted to UNEP and Multilateral Fund Secretariat, and has been shared with over 60 ozone protection units.

III. Global and Regional Project Highlights

N/A

IV. Completed and Ongoing Projects

Of the 55 approved activities, the Government of the United States has completed 41 and 14 are classified as ongoing. All of the United States bilateral activities under the Multilateral Fund are, in the terminology required for this report, considered agency implemented activities with disbursements during implementation. All activities are also considered objective-sensitive except the institutional strengthening project in Mexico which is time-sensitive.

All of the Government of the United States bilateral activities are, in the terminology required for this report, considered non-investment projects with the exception of Deployment of halon 1211 recovery/recharge machines (CPR/HAL/12/INV/59) and Staged project to produce CFC-free refrigerators in China (stage 1b and 2) (CPR/REF/16/INV/116) which are expected to phase-out 258 ODP-weighted metric tonnes.

40 of the 53 non-investment projects have been completed. Of the two investment projects, the Deployment of halon 1211 recovery/recharge machines (CPR/HAL/12/INV/59) has been completed; the Staged project to produce CFC-free refrigerators in China (stage 1b and 2) (CPR/REF/16/INV/116) is ongoing.

V. Status of Project Preparation, by country

Project preparation activities have been completed in: China, Dominican Republic, Ecuador, and Mexico. All funds allocated have been disbursed with the exception of Mexico and China. In Mexico, 74 percent of allocated funds were disbursed to prepare solvents projects. The funds remaining are being remitted back to the Fund. In China, 48 percent of allocated funds were disbursed to conduct four missions with MPS, prepare two halon projects, provide guidelines and technical assistance for sectoral strategy preparation, and initiate project preparation for two additional projects. A China halon leak reduction demonstration project was subsequently submitted for approval at the 16th Executive Committee meeting. Further activities have not yet been identified because of outstanding policy issues and the potential impact of the preparation of the halon sector strategy in China.

Project preparation funding was approved intersessionally prior to the 19th Executive Committee meeting for a Central America/Caribbeans project and initial activities will soon be underway.

VI. Administrative Issues (Adjustments and Other Issues)

The following are adjustments to projects reported as financially completed in this report:

PROJECT NUMBER	PROJECT TITLE	ADJUSTMENTS TO APPROVED FUNDING (\$US)
MAL/HAL/15/PRP/54	Project preparation in the halon sector	-28,116
MEX/REF/13/TAS/26	Pilot sectoral study and action plan in commercial refrigeration	-139,742
MEX/SOL/13/PRP/28	Project preparation solvents	-119,143
PAN/HAL/13/TAS/4	Technical assistance in halon 1211 management	-42,445

PROJECT NUMBER	PROJECT TITLE	ADJUSTMENTS TO APPROVED FUNDING (\$US)
THA/SOL/8/TAS/8	Followup activities of the USA/Thailand/Japan conference on solvent conservation, containment, and alternatives	-67,000
VEN/HAL/13/DEM/27	Technical assistance in halon 1211 management	3,000
VEN/SEV/15/TRA/33	Training in all ODS sectors in Venezuelan military	3,500
CPR/HAL/12/INV/59	Deployment of halon 1211 recovery/recharge machines	72,000
CPR/REF/16/DEM/117	MAC servicing demonstration	-6,667
	NET ADJUSTMENT	-324,613

The net adjustment of \$324,613 should be credited to future approvals.

Corrections to database:

The following are corrections to information in the Secretariat's database on U.S. bilateral projects:

1) The China project CPR/HAL/12/INV/59 has been renamed to Deployment of halon 1211 recovery/recharge machines as per original proposal.

2) Several projects coded as technical assistance (TAS) projects have been changed to correctly reflect them as demonstration projects (DEM) as in the original proposals. This code change was made for the following projects:

COL/REF/15/DEM/9
CPR/REF/17/DEM/135
DOM/REF/17/DEM/3

DOM/REF/18/DEM/5
PHI/REF/18/DEM/41

3) The Halon leak reduction demonstration (CPR/HAL/16/DEM/121) approved funding amount has been corrected to \$90,437 for the bilateral approved funding for the project. This is an EPA/UNDP joint project with China. The additional estimated \$52,000 for equipment and related expenses for the project is funded through UNDP's Global Halon Project.

The above corrections have been incorporated into the attached Annex II Database.

Dominican Republic

Mobile Air Conditioning (MAC):

Equipment was delivered to 20 MAC repair shops and training provided to 40 MAC service technicians. This demonstration project is incorporating a unique self-financing component in which MAC service shops pay for part of the cost of the equipment they received. These payments went into a fund that will be used to purchase training and equipment for new MAC shops that want to participate in the project. The new shops will also be required to pay for part of the equipment they receive which could, in turn, create another fund through which additional machines will be purchased. With the last rounds of equipment purchases, this project will reduce annual emissions by an estimated 20 to 30 metric tons annually.

Commercial Refrigeration:

The D.R.'s commercial refrigeration servicing sector project was inaugurated with \$19,000 in project preparation funds awarded by the 17th meeting of the Executive Committee. An initial mission for the project took place in September 1995 which resulted in a project proposal submission to the Executive Committee at the 18th meeting in December, 1995. Work has proceeded smoothly since then with another mission taking place in July, 1996. The workshop, equipment delivery and training are slated for January, 1997.

Uruguay

Equipment was delivered to 5 MAC repair shops and training was provided to 10 technicians during the workshop that was held in Argentina. With equipment in use at the shops, estimated annual CFC-12 emissions reductions are 2.4 MT.

Venezuela

EPA has supported UNDP and Venezuela in implementation of the MACs projects in Venezuela by providing training and equipment and participating in workshops held in five cities in July 1995. After participating in Phase 1 and Phase 2 of the EPA/UNDP Venezuela MAC Project, the local equipment distributor changed the type of recovery/recycle machine they sell locally to better match the demands of the local market, which they had learned through the project, and expanded their sales force to market the equipment and provide service in four additional cities in the country. They also started conducting monthly training for their clients at their site in Caracas.

B. Institutional Strengthening

N/A