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EXECUTIVE COMMITTEE OF
THE MULTILATERAL FUND FOR THE
IMPLEMENTATION OF THE MONTREAL PROTOCOL
Thirty-first Meeting
Geneva, 5-7 July 2000

PROGRESS REPORT OF THE WORLD BANK

This document includes:

- The Comments and Recommendations of the Fund Secretariat
- The Annual Progress Report on World Bank Implemented Montreal Protocol Operations (January - December 1999)

COMMENTS OF THE FUND SECRETARIAT

Status of Implementation

1. During the reporting period (1998 - 1999), the Bank completed 72 projects, phased out over 23,230 tonnes of ODS, and disbursed US \$47 million.
2. Cumulatively, the World Bank has completed 57 per cent (251 projects) of the 441 investment projects approved for its implementation through 1999. It has phased out 79 per cent (86,216 tonnes) of the ODP to be phased out from its portfolio of approved projects. The Bank has disbursed 59 per cent (US \$230 million) of the resources approved by the Fund for it through 1999 (US \$387 million).
3. The Bank had a balance of US \$1.5 million from unused project preparation funds at the end of 1999 and the Committee approved an additional US \$1.47 million for project preparation at its first meeting in 2000. The Bank has completed 79 per cent of its non-investment projects.

Implementation delays

4. There are 43 projects with implementation delays excluding project preparation (2 projects) and taking into consideration the decisions of the Executive Committee to remove projects from the list of projects with implementation delays due to the removal of the impediments causing the delays as indicated in the Consolidated Progress Report. 21 of the 43 projects with implementation delays were classified as having implementation delays last year. According to the procedures for project cancellation (Decision 26/2), a report on these projects will be provided to the 32nd Meeting to determine if there is any progress toward removing the impediments causing the implementation delays.
5. A review of the remarks in the World Bank's progress report database identified some projects that merited additional clarifications from the World Bank about the status of implementation. Based on these clarifications, the Secretariat has provided observations for the projects that follow.

EGAT Chiller concessional loan project in Thailand (THA/REF/23/INV/104)

6. The Bank has indicated a delay in the implementation of the US \$2,475,000 pilot concessional loan project for EGAT in Thailand (THA/REF/26/INV/104) that was approved at the Twenty-sixth Meeting in November 1998. According to the project milestones, the Bank's appraisal should have been completed four to six months after approval (therefore, at the latest May 1999). The remarks in the progress report database indicate that the appraisal is expected in May/June 2000, one year late. Also, according to the project milestones, the financing agreement should be in place from six to nine months after approval (therefore, at the latest August 1999), but the Bank is now indicating that the loan agreement is expected in November 2000, over 15 months late. The Bank indicated that the delays in the Chiller programme were

caused by the change in implementation modality from EGAT to IFCT. In addition, there was delay in the processing as this project is considered as a Learning and Innovation Loan (LIL)—a new Bank lending modality. This requirement is chosen in response to the Executive Committee's requirement of a loan guarantee. The delay in processing was not originally included in the project milestones. Now, with the new processing timetable, the following will take place—Pre-appraisal mission (May 2000), Decision meeting and appraisal mission (June 2000), Negotiation (August 2000), Board (September 2000), and Loan signing/Effectiveness (November 2000). The first disbursement for start up cost of IFCT's management team will take place immediately after the loan effective date.

Projects in Pakistan

7. The Bank indicated that several projects in Pakistan are now experiencing significant delays due to consistently poor performance on the part of the enterprises United Refrigeration Industries Ltd (PAK/REF/25/INV/27), Dawlance P. Ltd (PAK/REF/25/INV/28), Singer (PAK/REF/23/INV/21), and Refrigerators Manufacturing Company (PAK/FOA/29/INV/31). The Bank is requesting action on these projects in the context of the report on projects with implementation delays.

CFC National Phase-out Plans for Malaysia and Thailand

8. The progress report database indicates that no funds were disbursed in 1999 for the project preparation accounts for the two pilot CFC national phase-out plans for Malaysia (MAL/SEV/27/PRP/121) and Thailand (THA/SEV/27/PRP/107). The Bank indicated that no funds were disbursed in 1999 for the national CFC phase-out programmes because it took longer than anticipated to finalise the terms of reference, but they were finalised, after the reporting period for the progress report, in the beginning of 2000 and the Bank has disbursed some of the funds. The Bank also indicated that it is working with the consultants to prepare the proposals to be submitted to the Executive Committee by the end of the year and it is holding consultation meetings with its counterparts on a weekly basis in Thailand and on a monthly basis in Malaysia to ensure that preparation proceeds as quickly and smoothly as possible.

Project cancellations

9. The Bank indicated that one project was going to be reported cancelled at the 31st Meeting, the refrigeration project in China at Shanghai Shangling Chang An Refrigerator Company (CPR/REF/23/INV/235) due to financial difficulties of the enterprise, and the following five other projects may be cancelled following supervision missions planned for June 2000:

- (a) Gepassa and Gesal project in Argentina (ARG/REF/23/INV/70) due to financial difficulties of the enterprise;
- (b) the Refrigerators and Home Appliance Ltd. project in India (IND/REF/22/INV/124) due to lack of response;

- (c) the Hindustan Industries (IND/REF/22/INV/123) due to lack of response;
- (d) the Refrigeration Components and Accessories (IND/REF/22/INV/110) due to lack of response; and
- (e) Supercold Refrigeration Systems (IND/REF/20/INV/105) due to lack of response.

10. The Sub-Committee on Monitoring, Evaluation, and Finance may wish to receive a report from the World Bank about the outcome of its June supervision missions and consider the cancellation of the aforementioned projects.

Change in technology

11. The World Bank indicated in remarks of its progress report database that the beneficiary has decided to change the technology in the approved project to an HCFC based technology for the Lobato San Luis refrigeration project in Argentina (ARG/REF/23/INV/69). The Secretariat informed the Bank that changes to HCFC technology should reduce project costs and the grant level. Moreover, a proposal would be required that would address these changes and the Committee's guidelines concerning the approval of projects with HCFC technologies. The Bank indicated that a proposal would be submitted to the 31st Meeting, but as of this writing, 27 May 2000, the Secretariat has not received a proposal.

12. Issues concerning the approval of a change in technology are within the remit of the Sub-Committee on Project Review and must be addressed in accordance with Decision 22/70 which provides guidance to the implementing agencies on the change of technology of approved projects. The Bank must therefore implement Decisions 20/8 and 22/70.

Apparent project overruns

13. A review of the World Bank's progress report database indicated that there appears to be 15 projects with overruns as the balance of approved funds for these projects is negative. Overruns are not allowed pursuant to Decision 17/22. The Bank was asked to explain the overruns, but the Secretariat has not received an explanation for these overruns, as of this writing, 27 May 2000. The following table indicates the project details and the negative balances, connoting project overruns.

| Status | Agency | Project Title | Project Number | Approved Funding (US \$) | Funds Disbursed (US \$) | Balance (US \$) |
|--------|------------|---|--------------------|--------------------------|-------------------------|-----------------|
| FIN | World Bank | Project I: 50% CFC foam | CPR/FOA/07/INV/16 | 645,000 | 646,000 | -1,000 |
| ONG | World Bank | Conversion of CFC-12 small open-type and semi-hermetic refrigerating compressor to HCFC-22 refrigerating compressor at Zhenjiang Refrigerating Equipment Factory (ZREF) | CPR/REF/20/INV/183 | 1,974,000 | 2,408,149 | -434,149 |
| FIN | World Bank | Elimination of ODS used in the production of household refrigerators at P.T. Lippo Melco Manufacturing | IDS/REF/15/INV/23 | 353,351 | 358,011 | -4,660 |
| FIN | World Bank | LPG purification at Jordan Refinery Company | JOR/ARS/07/INV/12 | 700,000 | 801,071 | -101,071 |
| FIN | World Bank | Phase out of CFC use in aerosol at Household and Toiletries | JOR/ARS/07/INV/13 | 135,000 | 149,582 | -14,582 |
| FIN | World Bank | Phase out of CFC use in aerosol at Haddad and Sons Inc. | JOR/ARS/07/INV/14 | 250,000 | 277,000 | -27,000 |
| FIN | World Bank | Phase out of CFC use in flexible foam at Kolaghassi Foam and Mattress Factory Co. | JOR/FOA/07/INV/08 | 142,000 | 168,418 | -26,418 |
| FIN | World Bank | Conversion of compressor manufacture from CFC-12 to HFC-134a designs at Sanyo Universal Electric Co. Ltd. (Phase II) | THA/REF/20/INV/58 | 647,025 | 898,157 | -251,132 |
| COM | World Bank | Phase-out of ODS solvents at Thai Airways | THA/SOL/15/INV/40 | 463,900 | 473,313 | -9,413 |
| FIN | World Bank | Technical assistance and demonstration of non-CFC technology in rigid and flexible foam production | TUN/FOA/07/INV/05 | 160,000 | 218,354 | -58,354 |
| FIN | World Bank | Technical assistance for development of HFC-134a-based domestic refrigerators | TUN/REF/08/TAS/08 | 99,960 | 404,659 | -304,699 |
| FIN | World Bank | Implementation of Governmnet actions (institutional strengthening) | TUN/SEV/08/INS/09 | 280,000 | 301,883 | -21,883 |

14. The Sub-Committee on Monitoring, Evaluation, and Finance may wish to receive a report from the World Bank on these apparent project overruns and to consider the implementation of Decision 17/22.

Adjustments

15. The Secretariat inquired about a possible balance from the adjusted budget for the McClean refrigeration project in Argentina (ARG/REF/15/INV/21). The Bank indicated that US \$1,390,630 will be returned to the 31st Meeting from this project.

Completed projects with outstanding balances

16. The World Bank has 13 projects that were completed over one year ago but have remaining balances as shown in the following table. The total remaining balances of these 13 projects is \$1,236,576 (excluding agency fees). From the remaining balance of US \$1,236,576, the Bank has obligated (committed) US \$498,222. This leaves an un-obligated balance (un-committed balance) for these 13 projects of US \$828,354.

| Project Number | Balance (US\$) | Un-obligated Balances (US\$) |
|-----------------------|-----------------------|-------------------------------------|
| IND/FOA/11/INV/14 | 426,723 | 426,723 |
| IND/FOA/17/INV/39 | 70,665 | 70,665 |
| PHI/SEV/09/INS/10 | 9,000 | 9,000 |
| ZIM/REF/20/INV/10 | 61,966 | 61,966 |
| IND/FOA/17/INV/40 | 145,578 | 1,000 |
| IND/FOA/17/INV/52 | 65,766 | 6,000 |
| IND/FOA/17/INV/41 | 86,000 | 7,000 |
| IND/FOA/17/INV/47 | 58,314 | 8,000 |
| IND/FOA/17/INV/36 | 45,950 | 32,000 |
| IND/FOA/17/INV/37 | 45,950 | 32,000 |
| IND/FOA/17/INV/42 | 45,950 | 32,000 |
| IND/FOA/17/INV/45 | 86,000 | 59,000 |
| IND/FOA/17/INV/46 | 88,714 | 83,000 |
| Total | 1,236,576 | 828,354 |

Project preparation balances

17. The Bank had a balance of US \$1.5 million from unused project preparation funds at the end of 1999 and with the US \$1.47 million the Committee approved at the 30th Meeting, the Bank has a total of US \$2.97 million available for project preparation in 2000 and is requesting more project preparation funds at the 31st Meeting. Some of the remaining balances are for projects that were approved over one year ago. For example, the project preparation for Thailand THA/SEVE/16/PRP/43 approved in March 1995 has a remaining balance of US \$87,571 as of the end of 1999. The Bank indicated that the project funds were fully spent and the projects were delivered. Some of the remaining balances are significant amount of funds for unspecified sectors. For example, the Bank has two global project preparation accounts one from March 1994 (GLO/SEV/12/PRP/00), one from 1998 (GLO/SEV/26/PRP/177), one from 1999 (GLO/SEV/27/185), and one from Indonesia from 1997 (IDS/SEV/21/PRP/00) that have unused balances of US \$170,000, US \$140,000, US \$162,000 and US \$150,000, respectively.

18. The Sub-Committee on Monitoring, Evaluation, and Finance may wish to consider a report from the Bank to determine if these remaining balances should be returned for re-programming.

RECOMMENDATIONS

The Sub-Committee on Monitoring, Evaluation and Finance may wish to recommend to the Executive Committee to decide to:

1. Note the cancellation of the the refrigeration project in China at Shanghai Shangling Chang An Refrigerator Company (CPR/REF/23/INV/235) due to

financial difficulties of the enterprise and note the amount to be returned from the project cancellation after hearing a report from the World Bank.

2. Consider actions on the following projects after hearing a report from the World Bank on:
 - (a) Gepassa and Gesal project in Argentina (ARG/REF/23/INV/70) due to financial difficulties of the enterprise;
 - (b) the Refrigerators and Home Appliance Ltd. project in India (IND/REF/22/INV/124) due to lack of response;
 - (c) the Hindustan Industries in India (IND/REF/22/INV/123) due to lack of response;
 - (d) the Refrigeration Components and Accessories in India (IND/REF/22/INV/110) due to lack of response; and
 - (e) Supercold Refrigeration Systems in India (IND/REF/20/INV/105) due to lack of response.
3. Request the World Bank to implement Decision 22/70 on the change of technology with respect to the Lobato San Luis refrigeration project in Argentina (ARG/REF/23/INV/69).
4. Consider the implementation of Decision 17/22 on project overruns after hearing a report from the World Bank on project overruns based on the data provided in the Bank's progress report database.
5. Note the return of US \$1,390,630 for the McClean refrigeration project in Argentina (ARG/REF/15/INV/21).
6. Note that US \$828,354 is currently un-obligated (un-committed) from projects completed over one year ago and encourage the Bank to financially complete these projects so that any unneeded balances may be returned to the Fund for re-programming.
7. Consider if remaining balances from project preparation for unspecified sectors approved more than a year ago should be returned for re-programming.

ANNUAL
PROGRESS REPORT

BANK-IMPLEMENTED
MONTREAL PROTOCOL OPERATIONS

January - December 1999

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Annex B: Progress and Financial Reporting Database

Annex C: World Bank: Projects with Implementation Delays

I. PROJECT APPROVALS AND DISBURSEMENTS

A. Annual Summary Data

1. During the twelve months from January-December 1999, implementation of the World Bank Multilateral Fund activities has shown marked progress. Actual ODP phaseout has reached 86,216 metric tons (MT) -- 79% of the total ODP to be phased out under the World Bank portfolio and an increase of over 23,270 MT from 1998. Disbursements to enterprises increased by US\$45.2 million in 1999 (not including agency fees). Project performance for the Multilateral Fund for the Implementation of the Montreal Protocol (MFMP) activities since the inception of the program in 1991, are summarized in Table I.1. Performance is based on the year in which the activity was approved. The total number of approvals has increased from 52 in 1991 to 716 active projects (and 776 total projects, inclusive of cancelled and transferred projects). In the same time period, the total funds disbursed in implementing these activities has increased to US\$230,164,426. Total disbursement of the portfolio now stands at 59 percent.

2. The performance target for ODP phaseout for 1999 was 17,174 MT. With the phaseout of 23,278 MT, the World Bank has exceeded its ODP phaseout target for 1999 by 6,104 tons, and is, thus, at 136% of its target. Phaseout of nearly 80 percent of ODP under the portfolio has now been achieved. The World Bank's disbursement target for 1999 was US\$52.28 million. The World Bank disbursed US\$45.24 million in 1999. If we include the average agency fee as directed by Executive Committee, total disbursements for 1999 equal US\$50.67 million. This means that the World Bank was at 97% of its and the Executive Committee's target (per ExCom Decision 27/2 (para. 21)) for 1999.

Table I.1: Annual Summary

| Year Approved/ Implementation Characteristic | Number of Approvals | Number Completed | % Completed | ODP to be Phased Out | ODP Phased Out | Percent of ODP Phased Out | Approved Funding (US\$) | Adjustment (US\$) | Funds Disbursed (US\$) | Percent of Funds Disbursed | Balance (US\$) | Planned Commitmen t in Current Year (US\$) | Administrat ive Support (US\$) |
|--|---------------------------|---------------------|----------------|-------------------------|----------------------|------------------------------------|-------------------------------|----------------------|------------------------------|----------------------------------|--------------------|---|--------------------------------------|
| Disbursement during Implementation | | | | | | | | | | | | | |
| 1991 | 15 | 15 | 1.00 | 589 | 627 | 1.07 | 4,180,000 | (126,208) | 4,053,792 | 1.00 | - | - | 285,436 |
| 1992 | 47 | 43 | 0.91 | 18,596 | 23,107 | 1.24 | 27,314,076 | (690,726) | 23,508,709 | 0.88 | 3,669,648 | 450,000 | 950,977 |
| 1993 | 28 | 25 | 0.89 | 2,901 | 3,121 | 1.08 | 25,736,520 | 1,787,078 | 25,717,649 | 0.93 | 1,805,949 | 203,084 | 902,295 |
| 1994 | 54 | 40 | 0.74 | 10,684 | 9,176 | 0.86 | 44,842,887 | (5,444,730) | 31,326,559 | 0.80 | 8,085,672 | 2,507,599 | 1,449,356 |
| 1995 | 82 | 63 | 0.77 | 6,327 | 5,293 | 0.84 | 50,409,887 | (2,267,279) | 39,893,535 | 0.83 | 8,199,086 | 3,249,071 | 5,478,733 |
| 1996 | 57 | 36 | 0.63 | 4,071 | 1,881 | 0.46 | 34,517,148 | (3,542,058) | 23,930,296 | 77% | 7,730,075 | 5,442,246 | 4,585,367 |
| 1997 | 99 | 50 | 0.51 | 28,801 | 22,783 | 0.79 | 63,041,702 | 176,283 | 26,094,718 | 41% | 37,123,267 | 12,634,953 | 8,234,137 |
| 1998 | 62 | 26 | 0.42 | 14,932 | 12,045 | 0.81 | 41,105,054 | 953,091 | 8,680,326 | 21% | 33,377,819 | 13,882,749 | 4,925,195 |
| 1999 | 81 | 5 | 0.06 | 19,447 | 5,498 | 0.28 | 58,626,783 | 10,296,280 | 10,934,341 | 16% | 57,988,722 | 25,880,175 | 8,556,467 |
| Sub-Total | 525 | 303 | 0.58 | 106,347 | 83,532 | 0.79 | 349,774,057 | 1,141,732 | 194,139,924 | 55% | 157,980,239 | 64,249,877 | 35,367,963 |
| Disbursement after Completion* | | | | | | | | | | | | | |
| 1992 | 4 | 4 | 1.00 | 373 | 373 | 1.00 | 1,344,000 | (66,845) | 1,277,155 | 100% | - | - | - |
| 1993 | 20 | 20 | 1.00 | 442 | 778 | 1.76 | 11,938,000 | (2,236,823) | 9,492,704 | 98% | 208,473 | - | - |
| 1994 | 2 | 2 | 1.00 | 370 | 362 | 0.98 | 1,857,200 | (359,500) | 1,494,511 | 100% | 3,189 | - | - |
| 1995 | 2 | 2 | 1.00 | 21 | 21 | 1.00 | 187,600 | - | 187,600 | 100% | - | - | - |
| Sub-Total | 28 | 28 | 1.00 | 1,206 | 1,534 | 1.27 | 15,326,800 | (2,663,168) | 12,451,970 | 98% | 211,662 | - | - |
| Retroactively Funded | 14 | 14 | 1.00 | 1,228 | 1,150 | 0.94 | 7,801,735 | (1,350,045) | 6,163,779 | 96% | 287,911 | 144,447 | - |
| Time Sensitive | 149 | 149 | 1.00 | - | - | 0.00 | 25,362,086 | (7,953,416) | 17,408,753 | 100% | - | - | - |
| GRAND-TOTAL | 716 | 494 | 0.69 | 108,782 | 86,216 | 0.79 | 398,264,678 | (10,824,897) | 230,164,426 | 59% | 158,479,813 | 64,394,324 | 35,367,963 |

* - Does not include projects that were implemented before Executive Committee approval.

Note 1: Agency and National implementation is not distinguished in this table.

Note 2: Retroactive projects and time-sensitive accounts are provided for all years as one cumulative figure (not included in annual data).

Note 3: 3% Agency Fee for Projects Approved before Nov 1995 included in Approved Amount.

Note 4: Administrative support for Projects Approved before Nov 1995 includes only central administrative functions. Supervision is recorded with project preparation and is exhibited here.

Note 5: Adjustments include both subsequent approvals for existing projects and funds returned on approved projects.

Note 6: Cancelled and transferred projects have been removed from both approved and completed projects columns.

B. Interest

3. The total interest earned on Multilateral funds held by the Bank for the reporting period (January 1, 1999 to December 31, 1999) was US\$6,699,569. As of 12/31/99 the cumulative interest earned was US\$30,104,346.

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

4. Table I.2 summarizes the entire portfolio of World Bank project approvals, adjustments and disbursements by type of project or activity. As can be seen from the table, the major proportion of the Bank's approved funding to date has gone for investment projects, US\$346,733,157. In contrast to investment projects, the amounts allocated for institutional strengthening, US\$2,247,579 and country program development, US\$1,452,732 have decreased in relative proportion as ODS phaseout programs mature in Article 5 countries and their capacity for their own management improves.

Table I.2: Summary Data by Project Type

| Type | Number of Approvals | Number Completed | Percent Completed | Approved Funding (US\$) | Adjustment (US\$) | Funds Disbursed (US\$) | Percent of Funds Disbursed | Balance (US\$) | Planned Commitments in Current Year (US\$) |
|-----------------------------|---------------------|------------------|-------------------|-------------------------|---------------------|------------------------|----------------------------|--------------------|--|
| Country program preparation | 26 | 26 | 100.00 | 2,295,391 | (842,659) | 1,452,732 | 95.28% | - | - |
| Demonstration | 4 | 1 | 25.00 | 1,648,842 | (181,550) | 673,983 | 45.93% | 793,309 | 137,033 |
| Institutional strengthening | 13 | 7 | 53.85 | 2,570,406 | (322,827) | 1,463,368 | 66.89% | 806,094 | 330,700 |
| Investment | 441 | 251 | 56.92 | 348,371,682 | (1,638,525) | 196,608,743 | 56.70% | 151,052,208 | 62,614,484 |
| Project preparation | 197 | 181 | 91.88 | 26,217,262 | (5,990,238) | 18,641,271 | 90.74% | 1,535,753 | 625,000 |
| Technical assistance | 32 | 25 | 78.13 | 16,803,219 | (1,722,890) | 11,143,977 | 72.32% | 4,241,133 | 687,107 |
| Training | 3 | 3 | 100.00 | 357,876 | (126,208) | 180,352 | 100.00% | 51,316 | - |
| Sub-Total | 716 | 494 | 68.99 | 398,264,678 | (10,824,897) | 230,164,426 | 59.28% | 158,479,813 | 64,394,324 |

D. Sector Phaseout by Country

5. Table I.3 presents a summary list of sectors, which have received Multilateral Fund support through the Bank, by country and amount of ODS phased out. At the present time, the World Bank's portfolio of ODS phaseout projects has resulted in 86,216 MT in 18 countries.

Table I.3: Sector Phaseout by Country

| Country | Aerosols | Foams | Halons | Multi-sector | Other | Production | Refrigeration | Solvents | Total |
|--------------|---------------|--------------|---------------|--------------|------------|---------------|---------------|------------|---------------|
| Argentina | - | - | - | - | - | - | 207 | - | 207 |
| Brazil | - | 191 | - | - | - | - | 742 | - | 933 |
| Chile | - | 66 | - | - | - | - | 49 | - | 115 |
| China | 16,667 | 4,065 | 36,474 | - | - | 10,298 | 3,274 | - | 70,778 |
| Ecuador | 82 | 126 | - | - | - | - | - | - | 208 |
| Egypt | - | - | - | - | - | - | 292 | - | 292 |
| India | 219 | 1,462 | 462 | - | - | - | 995 | 57 | 3,195 |
| Indonesia | - | 920 | 682 | - | 54 | - | 673 | 4 | 2,334 |
| Jordan | 396 | 215 | - | - | - | - | - | - | 611 |
| Malaysia | 256 | 87 | 900 | - | - | - | 699 | 137 | 2,079 |
| Mexico | - | 34 | - | 36 | - | - | 374 | 183 | 627 |
| Philippines | - | - | - | - | 350 | - | 461 | 107 | 918 |
| Thailand | - | 44 | - | - | - | - | 787 | 88 | 918 |
| Tunisia | 50 | 105 | - | - | - | - | 72 | - | 227 |
| Turkey | - | 960 | - | - | - | - | 1,277 | 4 | 2,241 |
| Uruguay | - | 4 | - | - | - | - | 21 | - | 24 |
| Venezuela | - | 259 | - | - | - | - | 221 | - | 480 |
| Zimbabwe | - | - | - | - | - | - | 28 | - | 28 |
| Total | 17,670 | 8,539 | 38,518 | 36 | 404 | 10,298 | 10,173 | 579 | 86,216 |

II. PROJECT COMPLETIONS SINCE LAST REPORT

6. Projects completed during this reporting period (January 1, 1999 to December 31, 1999) are highlighted in Table II.1 below.

A. ODP Phased Out Since Last Report

7. The total quantity of ODP phased out in association with the 92 projects completed during the reporting period amounts to 23,230 MT ODP and are 64% disbursed, leaving a current balance of US\$27,567,797. Total ODP phased out for 1999 reached 23,278 MT -- about 130% of the Bank's 1999 Business Plan target.

B. Non-Investment Project Completions Since Last Report

- (a) Country Programs: The World Bank has completed no Country Programs since the last report.
- (b) Technical Assistance: The World Bank has completed no technical assistance projects since the last report.
- (c) Training: The World Bank supports through its administrative fees ongoing training of its Financial Agents and other local executive agencies. In 1999, the World Bank concentrated on providing training to specific FAs in the region. Training was provided in East and Southeast Asia for new and existing FAs, especially focusing on issues related to the implementation of sector approaches and the upcoming National CFC phaseout programs. In LAC training has been and continues to be provided for agencies working on new World Bank programs, e.g., in Colombia. Providing training in the field enabled the World Bank to hone training to specific issues appropriate to countries and regions. In May 2000, the World Bank will hold its fourth annual FA workshop bringing together representatives of FAs and local executing agencies to share experiences and insights across regions.

Table II.1: Project Completions During Reporting Period

| Project Title | Region | Project Number | | | | | ODP Phased Out | Date Approved | First Disbursement Date | Date Completed (Actual) | Date of Financial Completion | Approved Funding (US\$) | Adjustment (US\$) | Funds Disbursed (US\$) | Percent of Funds Disbursed | Balance (US\$) | Planned Commitments in Current Year (US\$) |
|--|--------|----------------|-----|----|-----|----|----------------|---------------|-------------------------|-------------------------|------------------------------|-------------------------|-------------------|------------------------|----------------------------|----------------|--|
| | | ARG | REF | 15 | INV | 15 | | | | | | | | | | | |
| Conversion to non-CFC technology in the production of heat exchangers for mobile air conditioning at Interclima, S.A. | LAC | ARG | REF | 15 | INV | 15 | 60 | Dec-94 | Jul-97 | Jun-99 | Nov-99 | 1,983,430 | (314,039) | 1,611,622 | 97% | 57,769 | - |
| Conversion to non-CFC technology in the production of complete mobile air conditioning systems at Mirgor, S.A. | LAC | ARG | REF | 15 | INV | 17 | 60 | Dec-94 | Jun-99 | Jun-99 | Oct-99 | 35,632 | (4,082) | 30,510 | 97% | 1,040 | - |
| Elimination of CFCs in 1 manufacturing plant of domestic refrigerators of enterprise Whirlpool Argentina S.A. | LAC | ARG | REF | 23 | INV | 68 | 87 | Nov-97 | Dec-98 | Oct-99 | | 863,879 | - | 543,950 | 63% | 319,929 | 184,709 |
| Project preparation for methyl bromide (citrus and cotton) demonstration project | LAC | ARG | FUM | 25 | PRP | 75 | - | Jul-98 | Mar-99 | Jun-99 | Jun-99 | 50,000 | - | 50,000 | 100% | - | - |
| Preparation of investment projects in the refrigeration and solvent cleaning sectors | LAC | ARG | SEV | 27 | PRP | 86 | - | Mar-99 | Mar-99 | Dec-99 | Dec-99 | 16,000 | - | 16,000 | 100% | - | - |
| Conversion to reduced CFC technology in the manufacture of Refrigerators at Refrigeracao Parana S.A., Unidade Sao Carlos | LAC | BRA | FOA | 15 | INV | 16 | - | Dec-94 | Jan-96 | Jun-99 | May-99 | 162,603 | - | 145,927 | 90% | 16,676 | - |
| Substitution of CFC-11 by HCFC-141b in the manufacture of polyurethane foams at Recrusul SEA | LAC | BRA | FOA | 18 | INV | 32 | 181 | Nov-95 | May-97 | Jun-99 | Aug-99 | 1,075,650 | (121,339) | 954,311 | 100% | - | - |
| Substitution of CFC-11 by HCFC-141b in the manufacture of polyurethane foams at M. Agostini, S.A. | LAC | BRA | FOA | 18 | INV | 33 | 10 | Nov-95 | Feb-99 | Sep-99 | Feb-99 | 85,217 | - | 83,139 | 98% | 2,078 | - |
| Elimination of CFC-11 and CFC-12 in the production of commercial refrigeration equipment at Reubli, S.A. | LAC | BRA | REF | 19 | INV | 48 | 89 | May-96 | Nov-97 | Jun-99 | Jun-99 | 901,270 | - | 701,082 | 78% | 200,188 | - |
| Project preparation in the foam sector | LAC | BRA | FOA | 22 | PRP | 75 | - | May-97 | Mar-99 | Dec-99 | Dec-99 | 75,000 | - | 75,000 | 100% | - | - |
| Project preparation in the commercial refrigeration sector | LAC | COL | REF | 24 | PRP | 27 | - | Mar-98 | Jun-98 | Jun-99 | Jun-99 | 90,000 | - | 90,000 | 100% | - | - |
| Engineering assistance for | ASP | CPR | REF | 13 | INV | 69 | 80 | Jul-94 | Dec-96 | Jul-99 | | 1,360,000 | - | 1,023,186 | 75% | 336,814 | 296,014 |

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| conversion of refrigerator manufacture to use HFC-152a refrigerant in conventional compressors at Wanbao Electrical Appliances Industrial Corporation | | | | | | | | | | | | | | | | | |
| Engineering assistance for conversion of refrigerator manufacture to HFC-134a with rotary compressor at Shanghai Shangling General Refrigerator Factory | ASP | CPR | REF | 13 | INV | 78 | 108 | Jul-94 | Dec-96 | Dec-99 | | 1,327,000 | - | - | 0% | 1,327,000 | 505,070 |
| Conversion to CFC-free technology in the manufacture of flexible polyurethane foam (slabstock) at Beijing Foam Plastic General Factory | ASP | CPR | FOA | 15 | INV | 85 | 100 | Dec-94 | Oct-96 | Nov-99 | Nov-99 | 720,000 | - | 698,400 | 97% | 21,600 | - |
| Conversion to CFC-free technology in the manufacture of flexible polyurethane foam (slabstock) in Gaofeng Plastic Plant | ASP | CPR | FOA | 15 | INV | 108 | 180 | Dec-94 | Oct-96 | Jan-99 | | 458,400 | - | 424,620 | 93% | 33,780 | 20,080 |
| Conversion to CFC-free technology in the manufacture of flexible polyurethane foam (slabstock) at Hebei Dongfeng Plastic Plant | ASP | CPR | FOA | 15 | INV | 109 | 110 | Dec-94 | Nov-96 | May-99 | Mar-99 | 268,600 | - | 260,500 | 97% | 8,100 | - |
| Conversion of small semi-hermetic CFC-12 refrigeration compressor production to HCFC-22 at Jiangsu Taizhou Commercial Machinery Factory (JTCMF) | ASP | CPR | REF | 16 | INV | 112 | 284 | Mar-95 | Oct-96 | Dec-99 | | 2,797,500 | - | 2,635,139 | 94% | 162,361 | 78,461 |
| Conversion of small semi-hermetic CFC-12 refrigeration compressor production to HCFC-22 at Nanjing Refrigerator General Works (NRGW) | ASP | CPR | REF | 16 | INV | 113 | 241 | Mar-95 | Apr-96 | May-99 | | 2,890,000 | - | 2,724,812 | 94% | 165,188 | 78,488 |
| Production of small ammonia refrigerating compressor at Yantai Refrigerating Machinery Works (YRMW) | ASP | CPR | REF | 16 | INV | 114 | 240 | Mar-95 | Dec-96 | May-99 | | 2,874,000 | - | 2,758,919 | 96% | 115,081 | 28,881 |
| Conversion to CFC-free technology in the manufacture of flexible (slabstock) polyurethane foam at Liangzhu | ASP | CPR | FOA | 17 | INV | 137 | 120 | Jul-95 | Nov-97 | Oct-99 | | 167,800 | - | 61,056 | 36% | 106,745 | 101,745 |
| Conversion from CFC-11 foaming agent to cyclopentane at Chang Ling (Group) Co. Ltd. | ASP | CPR | FOA | 18 | INV | 146 | 430 | Nov-95 | Dec-97 | Dec-99 | Jan-99 | 2,062,000 | - | 2,062,000 | 100% | - | - |
| Conversion from CFC-12 to HFC-134a MAC system at | ASP | CPR | REF | 18 | INV | 148 | 434 | Nov-95 | Dec-96 | May-99 | | 1,767,961 | - | 1,721,500 | 97% | 46,461 | 46,461 |

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| Yueyang Hengli Air Conditioning Equipment Co. Ltd. | | | | | | | | | | | | | | | | | |
| Conversion from CFC-12 to HFC-134a MAC compressor at Guangzhou Haohua Automobile Parts Co. Ltd. | ASP | CPR | REF | 18 | INV | 149 | 274 | Nov-95 | Nov-96 | Jun-99 | | 2,212,039 | - | 1,804,012 | 82% | 408,027 | 407,988 |
| Conversion to CFC-free technology in the manufacture of flexible (slabstock) polyurethane foam at Hangzhou Plastic Foam Factory | ASP | CPR | FOA | 19 | INV | 156 | 60 | May-96 | Jan-98 | Mar-99 | Aug-99 | 317,000 | - | 317,000 | 100% | - | - |
| Conversion to CFC-free technology in the manufacture of flexible (slabstock) polyurethane foam at Yinguang Chemical Group | ASP | CPR | FOA | 19 | INV | 158 | 85 | May-96 | Oct-97 | May-99 | | 376,000 | - | 341,046 | 91% | 34,954 | 34,954 |
| Conversion to CFC-free technology in the manufacture of flexible (slabstock) polyurethane foam at Qinhuangdao No. 3 Plastic Plant | ASP | CPR | FOA | 19 | INV | 159 | 60 | May-96 | Jun-98 | Aug-99 | Oct-98 | 370,000 | - | 370,000 | 100% | - | - |
| Phaseout of CFCs in the manufacture of flexible slabstock PUF at Jinan Shiyuan Plastic Plant | ASP | CPR | FOA | 19 | INV | 160 | 35 | May-96 | Apr-98 | Jan-99 | | 209,300 | - | 209,300 | 100% | - | 27,616 |
| Conversion to CFC-free technology in the manufacture of flexible (slabstock) polyurethane foam at Zibo No. 3 Plastic Plant | ASP | CPR | FOA | 19 | INV | 162 | 55 | May-96 | Dec-97 | Jan-99 | | 249,000 | - | 229,823 | 92% | 19,177 | 19,177 |
| Elimination of CFCs in the manufacture of rigid PUF products at Handan Plastics No. 8 | ASP | CPR | FOA | 20 | INV | 177 | 99 | Oct-96 | May-98 | May-99 | | 265,000 | - | 118,000 | 45% | 147,000 | 147,000 |
| Preparation of investment projects in the production sector for 1998 submission | ASP | CPR | PRO | 22 | PRP | 205 | - | May-97 | Sep-98 | Jun-99 | Jun-99 | 350,000 | - | 350,000 | 100% | - | - |
| Project preparation in the aerosol, foam, MAC and commercial refrigeration sectors | ASP | CPR | SEV | 24 | PRP | 243 | - | Mar-98 | Jun-98 | Jun-99 | Jun-99 | 600,000 | - | 600,000 | 100% | - | - |
| Conversion of polyurethane slabstock manufacture to forced cooling and methylene chloride at Wuxi New Type Raw Material Plant | ASP | CPR | FOA | 25 | INV | 252 | 462 | Jul-98 | Apr-99 | Oct-99 | | 488,150 | - | 434,890 | 89% | 53,260 | 53,260 |
| Halon sector 1999 annual program | ASP | CPR | HAL | 26 | INV | 261 | 11,196 | Nov-98 | Mar-99 | Dec-99 | | 9,700,000 | - | 976,214 | 10% | 8,723,786 | 8,723,786 |
| Preparation of projects in the foam, commercial refrigeration and CFC production sectors | ASP | CPR | SEV | 27 | PRP | 273 | - | Mar-99 | Mar-99 | Dec-99 | Dec-99 | 300,000 | - | 300,000 | 100% | - | - |
| Sector plan for CFC production phaseout in China, 1999 Annual Programme | ASP | CPR | PRO | 27 | INV | 286 | 5,498 | Mar-99 | Sep-99 | Dec-99 | Dec-99 | 10,000,000 | 10,000,000 | 10,000,000 | 50% | 10,000,000 | - |

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| Project preparation in the methyl bromide sector for cut flowers and tobacco | LAC | ECU | FUM | 24 | PRP | 21 | - | Mar-98 | Sep-98 | Jun-99 | Jun-99 | 20,000 | - | 20,000 | 100% | - | - |
| Engineering assistance for the elimination of ODS used in the production of household refrigerators at PT. Goldstar Astra Electronics (GSA) | ASP | IDS | REF | 20 | INV | 48 | 38 | Oct-96 | Feb-98 | Dec-99 | | 512,730 | - | 201,519 | 39% | 311,211 | 49,000 |
| Conversion of correction fluid manufacturing process from 1,1,1 TCA to non-ODS solvent at PT Cahaya Biru Sakti | ASP | IDS | SOL | 20 | INV | 50 | - | Oct-96 | Sep-97 | Jul-99 | | 700,700 | - | 308,000 | 44% | 392,700 | 70,000 |
| Engineering assistance for the elimination of ODS used in the production of household refrigerators at PT. Samsung Maspion Indonesia (SMI) | ASP | IDS | REF | 21 | INV | 52 | 104 | Feb-97 | Dec-97 | Dec-99 | | 537,226 | - | 128,956 | 24% | 408,270 | 24,800 |
| Conversion of CFC-12 commercial refrigeration to HFC-134a at PT Maspion | ASP | IDS | REF | 23 | INV | 72 | 9 | Nov-97 | Jul-98 | Dec-99 | | 136,890 | - | 1,411 | 1% | 135,479 | 123,000 |
| Project preparation in the halon recycling sector | ASP | IDS | HAL | 24 | PRP | 85 | - | Mar-98 | Mar-99 | Jun-99 | Jun-99 | 18,000 | - | 18,000 | 100% | - | - |
| Application development for the conversion of CFC-11/polyol systems to low non-ODS formulations at UB Petroproducts Ltd. | ASP | IND | FOA | 11 | INV | 13 | 464 | Nov-93 | Feb-99 | Aug-99 | | 200,000 | 385,684 | 241,681 | 41% | 344,003 | 40,000 |
| Conversion of compressor designs for refrigeration and appliances from CFC-12 to HFC-134a at Kirloskar Copeland Ltd. | ASP | IND | REF | 12 | INV | 15 | 125 | Mar-94 | May-96 | Mar-99 | | 547,900 | - | 515,368 | 94% | 32,532 | - |
| Conversion of CFC-12 open-type compressor designs for use with HCFC-22 refrigerant at Freezeking Industries Pvt., Ltd. | ASP | IND | REF | 13 | INV | 24 | 33 | Jul-94 | Mar-96 | Nov-99 | | 240,500 | - | 163,296 | 68% | 77,204 | 20,000 |
| Elimination of CFCs in the manufacture of commercial refrigeration equipment at Meghdoot Refrigeration Industries | ASP | IND | REF | 18 | INV | 61 | 18 | Nov-95 | Dec-97 | Jan-99 | | 164,590 | - | 80,800 | 49% | 83,790 | 25,000 |
| Elimination of CFCs in the manufacture of commercial refrigeration equipment at V. Krishna & Co. | ASP | IND | REF | 18 | INV | 62 | 14 | Nov-95 | Dec-97 | Jun-99 | | 147,020 | - | 47,868 | 33% | 99,152 | 10,000 |
| Elimination of CFCs in the manufacture of commercial refrigeration equipment at V. Krishna Engineers P. Ltd. | ASP | IND | REF | 18 | INV | 63 | 17 | Nov-95 | Dec-97 | Jun-99 | | 202,790 | - | 88,404 | 44% | 114,386 | 114,386 |
| Phase-out of CFCs in the manufacture of molded PUF automotive seat cushions at | ASP | IND | FOA | 19 | INV | 77 | 26 | May-96 | Mar-98 | Jun-99 | | 162,400 | - | 96,832 | 60% | 65,568 | 12,339 |

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| Roloforms Polymer Ltd. | | | | | | | | | | | | | | | | | |
| Phase-out of CFC-11 in the manufacture of rigid PUF insulated thermoware at Cello Plast | ASP | IND | FOA | 19 | INV | 86 | 21 | May-96 | Feb-98 | Jun-99 | | 141,320 | - | 123,121 | 87% | 18,199 | 18,199 |
| Phase-out of CFC-11 in the manufacture of rigid PUF insulated thermoware at Cello Thermoware Ltd. | ASP | IND | FOA | 19 | INV | 87 | 17 | May-96 | Feb-98 | Jun-99 | | 129,420 | - | 118,212 | 91% | 11,208 | 11,208 |
| Phase-out of CFC-11 in the manufacture of rigid PUF insulated thermoware at Wimco Pen Co. | ASP | IND | FOA | 19 | INV | 88 | 18 | May-96 | Mar-98 | Jun-99 | | 119,290 | - | 90,541 | 76% | 28,749 | 28,749 |
| Elimination of CFCs in the manufacture of commercial refrigeration equipment at Rockwell Devices P., Ltd. | ASP | IND | REF | 19 | INV | 93 | 17 | May-96 | Jun-98 | Jul-99 | | 181,004 | - | 44,000 | 24% | 137,004 | 127,000 |
| Elimination of CFCs in the manufacture of commercial refrigeration equipment at Sethia Appliances P., Ltd. | ASP | IND | REF | 19 | INV | 94 | 15 | May-96 | Nov-97 | Jun-99 | | 173,384 | - | 71,644 | 41% | 101,740 | 10,000 |
| Conversion of domestic refrigerator manufacture to cyclopentane blowing agent and either R600a or HFC-134a refrigerant at Godrej - GE Appliances Ltd. (GGEAL) | ASP | IND | REF | 20 | INV | 104 | 568 | Oct-96 | Jan-99 | Jun-99 | | 2,691,570 | - | 1,896,776 | 70% | 794,794 | 300,000 |
| Elimination of CFCs in the manufacture of commercial refrigeration equipment at Murali Refrigeration and Engineering Co. | ASP | IND | REF | 20 | INV | 106 | 8 | Oct-96 | Mar-98 | Jun-99 | | 126,485 | - | 56,693 | 45% | 69,792 | 25,000 |
| Elimination of CFCs in the manufacture of commercial refrigeration equipment at Sheetal Engineering Works P. Ltd. | ASP | IND | REF | 22 | INV | 122 | 8 | May-97 | Nov-98 | Feb-99 | | 127,630 | - | 36,604 | 29% | 91,026 | 10,000 |
| Elimination of CFCs in the manufacture of commercial refrigeration equipment at Polar Enterprises | ASP | IND | REF | 22 | INV | 131 | 10 | May-97 | Jul-98 | Sep-99 | | 138,190 | - | 43,534 | 32% | 94,656 | 5,000 |
| Aero Industries aerosol conversion, Vapi | ASP | IND | ARS | 22 | INV | 139 | 28 | May-97 | May-98 | Jun-99 | | 121,735 | - | 117,832 | 97% | 3,903 | 3,903 |
| Aeropres aerosol conversion, Vapi | ASP | IND | ARS | 22 | INV | 141 | 50 | May-97 | May-98 | Jun-99 | | 146,860 | - | 134,423 | 92% | 12,437 | 12,437 |
| Project preparation in the refrigeration, solvent and halon production sectors | ASP | IND | SEV | 24 | PRP | 178 | - | Mar-98 | Jun-98 | Jun-99 | Jun-99 | 80,000 | - | 80,000 | 100% | - | - |
| Renewal of institutional strengthening | ASP | JOR | SEV | 22 | INS | 30 | - | May-97 | Jun-97 | May-99 | | 113,333 | - | 60,405 | 53% | 52,928 | - |

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| Project preparation to phase out CFC consumption that is not accounted for in the original country program | ASP | JOR | SEV | 22 | PRP | 33 | - | May-97 | Dec-97 | Jun-99 | Jun-99 | 30,000 | - | 30,000 | 100% | - | - |
| Conversion to CFC-free technology in the manufacture of rigid polyurethane foam (miscellaneous applications) at Fathei Abu Arja | ASP | JOR | FOA | 23 | INV | 37 | 105 | Nov-97 | Dec-99 | Dec-99 | | 824,869 | - | 508,000 | 62% | 316,869 | 300,000 |
| Project preparation in the foam and halon recycling sectors | ASP | JOR | SEV | 24 | PRP | 38 | - | Mar-98 | Mar-99 | Dec-99 | Dec-99 | 30,000 | - | 30,000 | 100% | - | - |
| Preparation of project in the aerosol and halon recycling sectors | ASP | JOR | SEV | 27 | PRP | 44 | - | Mar-99 | Mar-99 | Dec-99 | Dec-99 | 5,000 | - | 5,000 | 100% | - | - |
| Project preparation | ASP | MAL | SEV | 21 | PRP | 92 | - | Feb-97 | Mar-98 | Jun-99 | Jun-99 | 27,000 | - | 27,000 | 100% | - | - |
| Elimination of CFC-11 through conversion to water based technology in the manufacture of flexible molded polyurethane foam at Saleem Automotive Industries Ltd. | ASP | PAK | FOA | 26 | INV | 30 | - | Nov-98 | | Mar-99 | | 33,875 | - | - | 0% | 33,875 | 31,603 |
| Conversion of tobacco fluffing process to carbon dioxide at Fortune Tobacco corporation | ASP | PHI | OTH | 09 | INV | 18 | 350 | Mar-93 | May-96 | Aug-99 | | 4,720,000 | - | 4,297,697 | 91% | 422,303 | 24,507 |
| Conversion of electronic cleaning processes from CFC-113 to high-purity water cleaning at Team Tronics, Co. Ltd. | ASP | THA | SOL | 13 | INV | 34 | - | Jul-94 | May-98 | Aug-99 | Sep-99 | 221,760 | - | 215,300 | 97% | 6,460 | - |
| Phase-out of ODS solvents at Thai Airways | ASP | THA | SOL | 15 | INV | 40 | - | Dec-94 | Dec-98 | Dec-99 | | 463,900 | - | 473,313 | 102% | - | - |
| Conversion to CFC-free technology in the manufacture of rigid polyurethane foam (containers) at Can Asia Products Co. Ltd. | ASP | THA | FOA | 23 | INV | 73 | - | Nov-97 | Aug-99 | Oct-99 | | 84,300 | - | 48,240 | 57% | 36,060 | 5,000 |
| Conversion to CFC-free technology in rigid sprayfoam applications at Thermobond Co. Ltd. | ASP | THA | FOA | 23 | INV | 74 | - | Nov-97 | Apr-99 | Jul-99 | | 81,400 | - | 16,150 | 20% | 65,250 | - |

| | | | | | | | | | | | | | | | | | |
|---|-----|-----|-----|----|-----|----|---|--------|--------|--------|--------|---------|---|---------|------|---------|---|
| Conversion to CFC-free technology in the manufacture of rigid polyurethane foam (containers) at Viriyakit Plastic Industry Co. Ltd. | ASP | THA | FOA | 23 | INV | 78 | - | Nov-97 | Jan-99 | Feb-99 | Jun-99 | 142,700 | - | 142,700 | 100% | - | - |
| Conversion to CFC-free technology in rigid spray foam applications at P.U. Foam | ASP | THA | FOA | 23 | INV | 79 | - | Nov-97 | Dec-98 | Aug-99 | Sep-99 | 225,400 | - | 100,540 | 45% | 124,860 | - |

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| Insulation and Trading Co. Ltd. | | | | | | | | | | | | | | | | | | |
| Conversion of CFC-12 refrigerant to HFC-134a and CFC-11 to HCFC-141b as the blowing agent for foam insulation in the manufacture of water coolers at Sirithana | ASP | THA | REF | 23 | INV | 80 | 8 | Nov-97 | Jul-99 | Aug-99 | | 122,593 | - | 122,593 | 100% | - | - | - |
| Conversion of CFC-12 commercial refrigeration to HC-134a, and CFC-11 to HCFC-141b as the blowing agent for foam insulation at Padriew Co. Ltd. | ASP | THA | REF | 23 | INV | 81 | 10 | Nov-97 | May-99 | Jul-99 | Aug-99 | 135,954 | - | 135,954 | 100% | - | - | - |
| Conversion to CFC-free technology in the manufacture of rigid polyurethane foam (containers) at Treathaboon Industry Co. Ltd. | ASP | THA | FOA | 23 | INV | 86 | - | Nov-97 | Dec-99 | Feb-99 | Dec-99 | 177,750 | - | 157,187 | 88% | 20,563 | - | - |
| Project preparation in the foam, halon, commercial refrigeration (end users), and solvent sectors | ASP | THA | SEV | 24 | PRP | 88 | - | Mar-98 | Jun-98 | Jun-99 | Jun-99 | 110,000 | - | 110,000 | 100% | - | - | - |
| Engineering assistance for the elimination of ODS used in the production of freezers, coolers, ice makers, and ice cream machines at UGUR Makinalari Sanayi ve Ticaret, A.S. | EUR | TUR | REF | 19 | INV | 21 | 64 | May-96 | Apr-97 | Mar-99 | Jul-99 | 1,166,455 | - | 1,166,455 | 100% | - | - | - |
| Conversion from CFC-11, CFC-12 into cyclopentane and HFC-134a for commercial refrigeration at S.F.A. Sogutma Urunleri Sanayi Ve Tekstil Pazariama Ltd. Sti. | EUR | TUR | REF | 22 | INV | 25 | 26 | May-97 | Apr-98 | Mar-99 | Dec-99 | 389,832 | - | 309,987 | 80% | 79,845 | - | - |
| Conversion from CFC-11 and CFC-12 into HCFC-141b and HFC-134a at Kulahcioglu | EUR | TUR | REF | 22 | INV | 27 | 4 | May-97 | Jun-98 | Mar-99 | Jun-99 | 60,840 | - | 60,840 | 100% | - | - | - |
| Conversion from CFC-11 into LCD for flexible slabstock foam at Safas | EUR | TUR | FOA | 23 | INV | 29 | 94 | Nov-97 | May-98 | Sep-99 | Dec-99 | 530,000 | - | 530,000 | 100% | - | - | - |
| Project preparation in the aerosol, foam and recycling sectors | EUR | TUR | SEV | 24 | PRP | 34 | - | Mar-98 | Jun-98 | Jun-99 | Jun-99 | 100,000 | - | 100,000 | 100% | - | - | - |
| Phaseout of CFC-11 for flexible molded, integral skin and rigid foam at Purplast | EUR | TUR | FOA | 24 | INV | 39 | 157 | Mar-98 | Dec-98 | Nov-99 | | 551,101 | - | 389,307 | 71% | 161,794 | 161,794 | - |
| Conversion from CFC-11 into LCD for flexible moulded foam at Elele Doseme Sanayii Ve Ticaret A.S. | EUR | TUR | FOA | 24 | INV | 40 | 41 | Mar-98 | Apr-99 | Apr-99 | Jul-99 | 311,768 | - | 311,768 | 100% | - | - | - |
| Conversion from CFC-11 into all-water for flexible moulded | EUR | TUR | FOA | 24 | INV | 42 | 7 | Mar-98 | Jan-99 | Jul-99 | Dec-99 | 188,280 | - | 188,280 | 100% | - | - | - |

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| and HCFC-141b for integral skin foam at EPS Entegre Poliuretán Sungenr Ve Koltuk San Tic. Ltd. Sti. | | | | | | | | | | | | | | | | | |
| Phase out of CFC-11 for flexible moulded, integral skin and rigid foam at Pimsa Poliuretán Imalat Sanayii Ve Ticaret A.S. | EUR | TUR | FOA | 24 | INV | 43 | 110 | Mar-98 | Jul-98 | Jul-99 | | 551,501 | - | 249,375 | 45% | 302,126 | 302,126 |
| Project preparation for commercial refrigeration terminal umbrella project | EUR | TUR | REF | 25 | PRP | 45 | - | Jul-98 | Mar-99 | Aug-99 | Aug-99 | 120,000 | - | 120,000 | 100% | - | - |
| Project preparation for methyl bromide | EUR | TUR | FUM | 25 | PRP | 48 | - | Jul-98 | Mar-99 | Aug-99 | Aug-99 | 50,000 | - | 50,000 | 100% | - | - |
| Preparation of investment projects in the foam, commercial refrigeration, refrigeration/recycling, halon, methyl bromide and a demonstration project for a national phase-out. | EUR | TUR | SEV | 27 | PRP | 54 | - | Mar-99 | Mar-99 | Dec-99 | Dec-99 | 8,000 | - | 8,000 | 100% | - | - |
| Elimination of the use of CFC-11 as a blowing agent in rigid polyurethane foam used as insulation in thermal tanks at Etchepare-Gil S.A. | LAC | URU | FOA | 15 | INV | 14 | 4 | Dec-94 | Aug-98 | Sep-99 | | 235,050 | - | 25,000 | 11% | 210,050 | 15,620 |
| Conversion of CFC-12 refrigerator production to HFC-134a refrigerant and CFC-11 to HCFC-141b as the blowing agent for foam insulation at Capri Refrigeration | AFR | ZIM | REF | 20 | INV | 08 | 5 | Oct-96 | May-98 | Aug-99 | | 106,695 | - | 106,695 | 100% | - | - |
| GRAND TOTAL | | | | | | | 23,230 | | | | | 67,155,421 | 9,946,224 | 49,543,261 | 64% | 27,567,797 | 12,634,359 |

III. GLOBAL AND REGIONAL PROJECT HIGHLIGHTS

A. Global Projects

8. The World Bank has no outstanding global projects.

B. Regional Projects

9. The World Bank has no outstanding regional projects.
- 

IV. PERFORMANCE INDICATORS

A. Agency Business Plan Performance Goals

10. Table IV.1 summarizes the World Bank's performance relative to indicators established for the business planning process.

Table IV.1: World Bank Business Plan Performance Goals

| WORLD BANK PERFORMANCE INDICATORS | | | | | | | | | | | | |
|-----------------------------------|------------|-----------------|------|------|-------|------|------|------|------|------|------|---------|
| Indicator | Measure | Unit | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | Overall |
| <i>Delivery Speed</i> | Signing | Mos. | 43 | 34 | 29 | 21 | 15 | 12 | 12 | 7 | 5 | 19 |
| | First Disb | Mos. | 48 | 41 | 33 | 26 | 22 | 18 | 16 | 9 | 5 | 26 |
| | Last Disb | Mos. | 52 | 58 | 53 | 43 | 35 | 29 | 19 | 17 | - | 43 |
| <i>ODP Phaseout</i> | Amount | % age | 107% | 124% | 115% | 86% | 84% | 46% | 79% | 81% | 28% | 79% |
| | Speed | Mos. | 58 | 55 | 44 | 44 | 34 | 28 | 20 | 12 | 9 | 39 |
| <i>Cost Effective</i> | Average | US\$ per Kg ODP | 7.10 | 1.16 | 10.07 | 3.63 | 7.92 | 8.12 | 2.12 | 2.48 | 2.52 | 3.04 |

1. Projects approved in 1996 (at the 19th meeting) were not funded until after the reporting period was completed. Therefore, implementation of these projects did not begin until after June 30, 1996.
2. Prior to November 1995, a Financial Intermediary fee of 3 percent (on average) was included in the cost of the project.

B. Cumulative Completed Investment Projects

11. Since 1991, the World Bank's cumulative total of completed investment projects has grown to 251, resulting in 86,216 MT of ODP phaseout (including phaseout from partially completed projects). Out of a total of US\$189,224,211 of approved Multilateral Fund financing for completed projects, 84% of funds has been disbursed. The average number of months from approval to first disbursement has been 25, the average number of months from approval to completion has been 37, at an average cost-effectiveness of US\$1.87/kg. These averages include projects prepared both before and after initiation of the Umbrella Grant Agreement approval process. Table IV.2 illustrates the improvements made in these indicators over the past two years.

Table IV.2: Cumulative Completed Investment Projects

| Item | Number of Projects | Approved Funds plus Adjustment (US\$) | Percent of Funds Disbursed | Average Number of Months from Approval to First Disbursement | Average Number of Months from Approval to Completion | Overall Cost-Effectiveness to the Fund (US\$/kg) |
|---|--------------------|---------------------------------------|----------------------------|--|--|--|
| GRAND TOTAL | 251 | 189,224,211 | 84% | 25 | 37 | 1.87 |
| Region | | | | | | |
| Africa | 6 | 3,298,656 | 92% | 37 | 58 | 6.68 |
| Asia and the Pacific | 178 | 148,948,085 | 80% | 23 | 36 | 1.51 |
| Europe | 20 | 13,285,120 | 96% | 11 | 20 | 5.69 |
| Latin America and Caribbean | 47 | 23,692,350 | 95% | 36 | 48 | 9.86 |
| Sector | | | | | | |
| Solvents | 25 | 8,924,513 | 93% | 32 | 34 | 14.25 |
| Halons | 5 | 24,050,000 | 63% | 20 | 39 | 0.40 |
| Aerosols | 17 | 9,834,602 | 101% | 26 | 40 | 0.56 |
| Foams | 97 | 36,076,576 | 90% | 24 | 36 | 3.98 |
| Refrigeration | 100 | 83,915,802 | 91% | 26 | 39 | 8.22 |
| Other | 2 | 5,327,000 | 92% | 28 | 41 | 12.14 |
| Multi-sector | 2 | 58,599 | 0% | 0 | 0 | 0.00 |
| Production | 3 | 21,037,120 | 52% | 18 | 20 | 1.07 |
| Implementation Characteristics | | | | | | |
| National | 251 | 189,224,211 | 84% | 25 | 37 | 1.87 |
| Time or Objective-sensitive Accounts | | | | | | |
| Objective Sensitive | 251 | 189,224,211 | 84% | 25 | 37 | 1.87 |
| Disbursement method | | | | | | |
| Disbursement after Completion | 23 | 10,885,477 | 98% | 29 | 24 | 9.17 |
| Disbursement during Implementation | 214 | 171,887,044 | 82% | 25 | 39 | 1.72 |
| Disb. for Retroactive Projects | 14 | 6,451,690 | 96% | 0 | 0 | 5.36 |

C. Cumulative Completed Non-Investment Projects

12. Since 1991, the World Bank's cumulative total of completed non-investment projects has grown to 243. Out of a total of US\$31,305,598 of approved Multilateral Fund financing, 100% of funds has been disbursed. As these are non-investment projects, funds are usually made available very quickly, thus the average number of months from approval to first disbursement has been 6, the average number of months from approval to completion has been 16.

Table IV.3: Cumulative Completed Non-Investment Projects

| Item | Number of Projects | Approved Funds plus Adjustment (US\$) | Percent of Funds Disbursed | Average Number of Months from Approval to First Disbursement | Average Number of Months from Approval to Completion |
|---|--------------------|---------------------------------------|----------------------------|--|--|
| GRAND TOTAL | 243 | 31,305,598 | 100% | 6 | 16 |
| Region | | | | | |
| Africa | 26 | 1,958,081 | 100% | 5 | 17 |
| Asia and the Pacific | 102 | 15,517,524 | 100% | 5 | 17 |
| Europe | 20 | 1,566,456 | 100% | 5 | 13 |
| Global | 11 | 5,659,736 | 100% | 1 | 16 |
| Latin America and Caribbean | 84 | 6,603,801 | 100% | 7 | 16 |
| Sector | | | | | |
| Solvents | 2 | 381,754 | 100% | 10 | 34 |
| Halons | 3 | 283,000 | 100% | 6 | 12 |
| Aerosols | 2 | 372,662 | 100% | 16 | 45 |
| Foams | 5 | 1,796,013 | 100% | 19 | 30 |
| Refrigeration | 20 | 4,115,180 | 100% | 23 | 34 |
| Several | 204 | 23,488,197 | 100% | 3 | 13 |
| Multi-sector | 1 | 53,792 | 100% | 56 | 58 |
| Production | 2 | 670,000 | 100% | 14 | 29 |
| Fumigants | 4 | 145,000 | 100% | 6 | 12 |
| Implementation Characteristics | | | | | |
| Agency | 206 | 22,487,607 | 100% | 2 | 11 |
| National | 37 | 8,817,991 | 100% | 27 | 44 |
| Time or Objective-sensitive Accounts | | | | | |
| Time Sensitive | 149 | 17,408,670 | 100% | 1 | 10 |
| Objective Sensitive | 94 | 13,896,928 | 100% | 13 | 25 |
| Disbursement method | | | | | |
| Disbursement after Completion | 5 | 1,778,155 | 100% | 14 | 35 |
| Disbursement during Implementation | 238 | 29,527,443 | 100% | 5 | 16 |

D. Cumulative Ongoing Investment Projects

13. Since 1991, the World Bank's cumulative total of ongoing investment projects has grown to 190. Out of a total of US\$157,508,946 of approved Multilateral Fund financing, 24% of funds has been disbursed. The average number of months from approval to first disbursement has been 25, the average number of months from the end of the reporting period to current expected completion is 15, with an average cost-effectiveness of US\$5.91/kg.

Table IV.4: Cumulative Ongoing Investment Projects

| Item | Number of Projects | Approved Funds plus Adjustment (US\$) | Percent of Funds Disbursed | Average Number of Months from Approval | Average Number of Months Currently Expected until Completion | Overall Cost-Effectiveness to the Fund (US\$/kg) |
|---|--------------------|---------------------------------------|----------------------------|--|--|--|
| GRAND TOTAL | 190 | 157,508,946 | 24% | 25 | 15 | 5.91 |
| Region | | | | | | |
| Africa | 5 | 1,592,908 | 22% | 29 | 10 | 7.33 |
| Asia and the Pacific | 148 | 127,249,823 | 21% | 24 | 16 | 5.13 |
| Europe | 4 | 2,053,849 | 48% | 11 | 17 | 5.75 |
| Latin America and Caribbean | 33 | 26,612,366 | 39% | 27 | 11 | 20.71 |
| Sector | | | | | | |
| Solvents | 3 | 792,616 | 0% | 9 | 11 | 30.76 |
| Halons | 4 | 11,203,000 | 0% | 13 | 30 | 1.10 |
| Aerosols | 6 | 2,203,785 | 10% | 31 | 9 | 1.15 |
| Foams | 93 | 39,963,148 | 14% | 21 | 19 | 5.07 |
| Refrigeration | 78 | 86,418,862 | 36% | 31 | 10 | 14.73 |
| Multi-sector | 2 | 3,800,000 | 20% | 28 | 9 | 10.44 |
| Production | 1 | 12,000,000 | 0% | 1 | 11 | 0.00 |
| Fumigants | 1 | 366,440 | 0% | 1 | 36 | 7.33 |
| Sterilants | 1 | 395,095 | 71% | 9 | 16 | 19.10 |
| Process agent | 1 | 366,000 | 0% | 5 | 8 | 0.98 |
| Implementation Characteristics | | | | | | |
| National | 190 | 157,508,946 | 24% | 25 | 15 | 5.91 |
| Time or Objective-sensitive Accounts | | | | | | |
| Objective Sensitive | 190 | 157,508,946 | 24% | 25 | 15 | 5.91 |
| Disbursement method | | | | | | |
| Disbursement during Implementation | 190 | 157,508,946 | 24% | 25 | 15 | 5.91 |

E. Cumulative Ongoing Non-Investment Projects

14. Since 1991, the World Bank's cumulative total of ongoing non-investment projects has grown to 32. Out of a total of US\$9,401,026 of approved Multilateral Fund financing, 23% of funds has been disbursed. The average number of months from approval to first disbursement has been 19, the average number of months from the end of the reporting period to current expected completion is 22.

Table IV.5: Cumulative Ongoing Non-Investment Projects

| Item | Number of Projects | Approved Funds plus Adjustment (US\$) | Percent of Funds Disbursed | Average Number of Months from Approval | Average Number of Months Currently Expected until Completion |
|---|--------------------|---------------------------------------|----------------------------|--|--|
| GRAND TOTAL | 32 | 9,401,026 | 23% | 19 | 22 |
| Region | | | | | |
| Africa | 2 | 201,700 | 0% | 3 | 25 |
| Asia and the Pacific | 14 | 3,929,082 | 31% | 21 | 23 |
| Europe | 2 | 800,000 | 71% | 76 | 12 |
| Global | 4 | 829,450 | 0% | 15 | 16 |
| Latin America and Caribbean | 10 | 3,640,794 | 10% | 10 | 24 |
| Sector | | | | | |
| Solvents | 1 | 15,000 | 0% | 0 | 25 |
| Halons | 2 | 776,820 | 0% | 1 | 38 |
| Foams | 1 | 100,000 | 4% | 0 | 13 |
| Refrigeration | 5 | 4,131,078 | 17% | 50 | 23 |
| Several | 20 | 3,410,754 | 37% | 18 | 19 |
| Fumigants | 3 | 967,374 | 18% | 2 | 28 |
| Implementation Characteristics | | | | | |
| Agency | 14 | 1,875,588 | 30% | 8 | 17 |
| National | 18 | 7,525,438 | 21% | 28 | 25 |
| Time or Objective-sensitive Accounts | | | | | |
| Objective Sensitive | 32 | 9,401,026 | 23% | 19 | 22 |
| Disbursement method | | | | | |
| Disbursement during Implementation | 32 | 9,401,026 | 23% | 19 | 22 |

**V. STATUS OF AGREEMENTS AND PROJECT PREPARATION
(WHERE APPLICABLE), BY COUNTRY**

A. Agreements to be Signed/Executed/Finalized and When They Will be Ready for Disbursing

15. The table below lists the Grant Agreements waiting to be signed/executed/finalized when they will be ready for disbursing.

Table V.1: Status of Agreements

| <i>Country</i> | <i>MP Project</i> | <i>Type of Grant Agreement</i> | <i>Amount (US\$ million)</i> | <i>Planned/Actual RVP Approval</i> | <i>Planned Signing</i> |
|----------------|-------------------|--------------------------------|------------------------------|------------------------------------|------------------------|
| Colombia | ODS I | Umbrella | 8.652 | 7/99 | 12/99 |

B. Project Preparation by Country, Approved Amount, and Amount Disbursed

16. A list of active World Bank project preparation activities is presented in the table below. Total funds approved for these projects is US\$2,375,588 and total funds disbursed to date amount to US\$989,835, or 39% of total approved funding plus adjustments to date. Planned additional commitments for these projects during the current year are US\$625,000.

Table V.2: Active Project Preparation

| Region | Project Number | | | | | Title | First Disbursement Date | Approved Funding (US\$) | Adjustment (US\$) | Funds Disbursed (US\$) | Percent of Funds Disbursed | Balance (US\$) | Planned Commitments in Current Year (US\$) |
|-------------------------------|----------------|-----|----|-----|-----|--|-------------------------|-------------------------|-------------------|------------------------|----------------------------|------------------|--|
| LAC | COL | SEV | 27 | PRP | 33 | Preparation of projects in the foam, commercial refrigeration and solvent sectors | Jun-99 | 38,000 | | 28,000 | 74% | 10,000 | 10,000 |
| LAC | ECU | SEV | 27 | PRP | 27 | Preparation of investment projects in the foam and commercial refrigeration sectors | Dec-99 | 24,000 | | 4,000 | 17% | 20,000 | 20,000 |
| GLO | GLO | SEV | 12 | PRP | 00 | Project Preparation | | 170,000 | | | 0% | 170,000 | |
| GLO | GLO | SEV | 26 | PRP | 177 | Project preparation advance | | 140,000 | | | 0% | 140,000 | 140,000 |
| GLO | GLO | SEV | 27 | PRP | 185 | Unallocated project preparation funds | | 162,000 | | | 0% | 162,000 | |
| GLO | GLO | SEV | 29 | PRP | 191 | Project preparation advance for 2000 | | 357,450 | | | 0% | 357,450 | |
| ASP | IDS | SEV | 21 | PRP | 00 | PPA III | | | 150,000 | | 0% | 150,000 | |
| ASP | IDS | FOA | 27 | PRP | 108 | Preparation of projects in the foam sector | Jun-99 | 100,000 | | 4,000 | 4% | 96,000 | 96,000 |
| ASP | IND | SEV | 27 | PRP | 203 | Preparation of projects in the refrigeration, solvent and CFC-halon production sectors | Jun-99 | 220,000 | | 200,000 | 91% | 20,000 | 20,000 |
| ASP | MAL | SEV | 27 | PRP | 121 | Preparation of projects in the solvent sector and a national CFC phase out program | | 95,000 | | | 0% | 95,000 | 95,000 |
| LAC | MEX | REF | 24 | PRP | 77 | Project preparation in the commercial refrigeration (end users) conversion projects | Mar-99 | 80,000 | | 50,000 | 63% | 30,000 | 30,000 |
| ASP | PAK | SEV | 27 | PRP | 33 | Preparation of projects in the foam and refrigeration sectors | Mar-99 | 66,000 | | 42,000 | 64% | 24,000 | 24,000 |
| ASP | THA | SEV | 16 | PRP | 43 | Preparation/supervision of investment projects (1995) | Mar-95 | 267,138 | | 179,567 | 67% | 87,571 | 80,000 |
| ASP | THA | SEV | 27 | PRP | 107 | Preparation of projects in the foam, halon, commercial refrigeration end-use and solvent sectors | Jun-99 | 141,000 | | 46,000 | 33% | 95,000 | 95,000 |
| AFR | TUN | SOL | 27 | PRP | 34 | Preparation of a project in the solvent sector | | 15,000 | | | 0% | 15,000 | 15,000 |
| EUR | TUR | SEV | 07 | PRP | 05 | Demonstration activities in several sectors | Oct-94 | 500,000 | | 436,268 | 87% | 63,732 | |
| Sub-Total | | | | | | | | 2,375,588 | 150,000 | 989,835 | 39% | 1,535,753 | 625,000 |
| Administrative Support | | | | | | | | 143,845 | | | | | |
| Grand Total | | | | | | | | 2,519,433 | 150,000 | 989,835 | | 1,535,753 | 625,000 |

VI. ADMINISTRATIVE ISSUES (OPERATIONAL, POLICY, FINANCIAL, AND OTHER ISSUES)

A. Meetings Attended

17. Table VI.1 indicates the meetings attended by World Bank staff on all Montreal Protocol related work.

Table VI.1: MP Meetings Attended by World Bank Staff

| Dates | City | Meetings Attended |
|-------------|----------------|---|
| 1/9-1/17 | Paris | Production Sector Meeting |
| 2/19-2/22 | Montreal | Inter-agency Meeting |
| 3/1-3/7 | Zurich | HOC Meeting |
| 3/22-3/26 | Montreal | 27 th ExCom Meeting |
| 5/4 | Washington, DC | 14 th OORG Meeting |
| 5/26-5/27 | Amsterdam | HCFC Conference |
| 6/7-6/10 | Montreal | MBr Meeting/Inter-agency Meeting |
| 6/14-6/18 | Geneva | OEWG Meeting |
| 6/14-6/22 | Geneva | Implementation Committee Meeting |
| 7/10-7/12 | Quebec | Inter-agency Retreat |
| 7/12-7/16 | Montreal | 28 th ExCom |
| 7/27-7/29 | Bahamas | Caribbean ODS Officers Meeting |
| 9/29 | Washington, DC | Production Sector Subgroup Meeting |
| 9/30 | Washington, DC | 15 th OORG Meeting |
| 11/22-11/26 | Beijing | 29 th ExCom Meeting |
| 11/29-12/3 | Beijing | Implementation Committee & OEWG Meeting |

B. Implementing Agency and Other Cooperation

18. The World Bank cooperates with other Implementing Agencies and with national governments to coordinate ODS phaseout in countries in which it is active. In 1999, the Bank continued its work with governments in helping them to innovative approaches to meeting their obligations under the Multilateral Fund. In 1999, this cooperation helped to secure the approval of two landmark projects for the Multilateral Fund -- the Phaseout of CFC production in both China and India. The Bank also participated in several of the regional ODS officers network meetings organized by UNEP and assisting UNEP through participation in its annual informal advisory group meeting.

C. Adjustments

19. Table VI.2 summarizes the savings (including cancellations and transfers) for the period of January 1, 1999 to December 31, 1999 of which US\$7,036,732 has already been reported and returned to the Multilateral Fund.

Table VI.2: Adjustments

| Project Title | Savings For Reporting Period | Remarks | Approved Funding (US\$) | Adjustment (US\$) | Funds Disbursed (US\$) | Percent of Funds Disbursed | Balance | Planned Commitments in Current Year (US\$) | Region | Project Number | | | | | ODP To Be Phased Out | Date Approved | First Disbursement Date | Date of Completion per Proposal | Currently Planned Date of Completion |
|--|------------------------------|---|-------------------------|-------------------|------------------------|----------------------------|----------------|--|--------|----------------|-----|----|-----|------------|----------------------|---------------|-------------------------|---------------------------------|--------------------------------------|
| | | | | | | | | | | | | | | | | | | | |
| Fribe La Rioja Plant. Conversion of a domestic refrigeration plant. Replacement of CFC-11 used as blowing agent with cyclopentane and CFC-12 used as refrigerant with HFC-134a | 1,444,783 | Project cancelled due to bankruptcy. Funds returned at 27th meeting. | 1,488,127 | - | - | - | 43,344 | - | LAC | ARG | REF | 15 | INV | 18 | 20.0 | Dec-94 | | Jun-97 | |
| Fribe Buenos Aires Plant. Conversion of a domestic refrigeration plant. Replacement of CFC-11 used as blowing agent with cyclopentane and CFC-12 used as refrigerant with HFC-134a | 1,769,660 | Project cancelled due to bankruptcy. Funds returned to 27th meeting. | 1,822,750 | - | - | - | 53,090 | - | LAC | ARG | REF | 15 | INV | 20 | 37.0 | Dec-94 | | Jun-97 | |
| Randon Implementos S.A. substitution of CFC-11 by HCFC-141b in the manufacture of polyurethane foams | 104,164 | Cancelled. | 104,164 | - | - | - | - | - | LAC | BRA | FOA | 18 | INV | 31 | 14.5 | Nov-95 | | Sep-96 | |
| Recurul SEA substitution of CFC-11 by HCFC-141b in the manufacture of polyurethane foams | 121,339 | All foaming equipment acquired (after delays in importation) and installed. Tests with 141b conducted in late June. Start-up occurred at the end of June. | 1,215,484 | - | 954,311.00 | 1.00 | 139,834 | - | LAC | BRA | FOA | 18 | INV | 32 | 201.0 | Nov-95 | May-97 | Nov-96 | Jun-99 |
| Conversion of manufacturing facilities from CFC-11 foaming agent to cyclopentane at Shanghai Shuanglu Electrical Appliance Co. Ltd. | 2,146,129 | Project cancelled. Company bankrupt. Funds returned at 27th meeting. | 2,146,130 | - | - | - | 1 | - | ASP | CPR | FOA | 20 | INV | ## | 320.0 | Oct-96 | | Jun-98 | |
| Toha Kencana Mas | 124,221 | Project is cancelled. Funds returned to 28th meeting. | 124,221 | - | - | - | (0) | - | ASP | IDS | FOA | 20 | INV | 45 | 40.0 | Oct-96 | | Oct-97 | Jun-98 |
| PT. Markindo Theco -- Conversion of metal cleaning processes from 1,1,1 TCA to aqueous cleaning | 94,016 | CANCELLED. Funds returned to 27th meeting. | 94,016 | - | - | - | - | - | ASP | IDS | SOL | 18 | INV | 40 | 2.2 | Nov-95 | | Nov-96 | Jun-98 |
| Domestic Appliances Limited - Conversion of domestic refrigerator manufacturer to non-ODS substances | 291,145 | Subproject cancelled. Enterprise's major international partner having 50% shares withdrew. The enterprise was not able to find new partner. Factory has officially been sealed as of July 14, 1999. | 291,145 | - | - | - | (1) | - | ASP | PAK | REF | 19 | INV | 11 | 17.1 | May-96 | | Nov-97 | Sep-99 |
| Siam Stainless Steel | 240,577 | Project cancelled. Funds returned to 27th meeting. | 240,577 | - | - | - | - | - | ASP | THA | REF | 19 | INV | 52 | 14.0 | May-96 | | Sep-96 | |
| Conversion from CFC-11 into all-water and HCFC-141b for integral skin foam at Polifleks Sentetik Maddeler Sanayii Ve Ticaret A.S. | 252,558 | Project was canceled. Ownership of the enterprise had changed to 100 % foreign before signing sub-agreement. Funds will be returned at 29th meeting. | 285,391 | - | - | - | 32,833 | - | EUR | TUR | FOA | 24 | INV | 33 | 26.7 | Mar-98 | | Apr-00 | |
| Indunor S.A. Conversion of a domestic refrigeration plant Replacement of the CFC-11 used as blowing agent with cyclopentane and the CFC-12 used as refrigerant with HFC-134a | 448,140 | Indunor S.A. has closed down. The funds were returned to the Multilateral Fund on July 99 at the 28th Ex Com meeting | 448,140 | - | - | - | - | - | LAC | URU | REF | 15 | INV | 12 | 17.9 | Dec-94 | | Dec-95 | Jan-00 |
| GRAND TOTAL | 7,036,732 | | 8,260,144 | - | 954,311 | 1 | 269,101 | - | | | | | | 710 | | | | | |

D. Other Issues

20. 1999 was a landmark year for both the Multilateral Fund and the World Bank with the approval of the two significant projects, the CFC production sector phaseout programs in China and India. The US\$150 million program in China will permanently close down all CFC production facilities in China -- a total of 45,000 tonnes of CFC production over 11 years. The CFC production sector program in India, approved at US\$82 million will phase out 22,000 ODP tonnes. The first annual program under China's CFC production sector phaseout project has been successfully completed with a phaseout of 24, 100 ODP tonnes.

21. In addition to these landmark approvals, the 1999 annual program under the sector program for phaseout of Halons in China was successfully completed resulting in a phaseout of 11,196 ODP tonnes.

22. Work has also progressed well on the Thailand Chiller Replacement program. In 1999, several implementation issues were resolved. The Government of Thailand's privatization policy created some uncertainty as to whether or not EGAT would be the direct recipient of the funds for completion of the program. To ensure continuity in implementation, the Industrial Finance Corporation of Thailand was chosen as the project implementation partner and signatory of the loan agreement. Preparations for implementation of the 2000 work plan has begun and the workshop to identify potential building chillers is planned for spring 2000. Loan agreement signing is expected in November 2000 with first disbursement in first quarter of 2001.

23. The Chiller Replacement Program in Mexico was also approved in 1999. This program has been proceeding well and the Bank has already amended its grant agreement to facilitate the flow of funds as grant to country and loan to enterprises. It is expected that all legal arrangements will be finalized by May 2000 and project execution will begin by July.

24. Elsewhere in the Latin America Region, the Chile Auction program has proceeded extremely well. Chile has conducted 9 auctions and eliminated about 1,100 ODP tonnes since 1989. In addition, the Government has identified the need for new licensing and regulatory measures to ensure the continued phaseout of ODP despite high economic growth in the country.

25. Issues of delay presented challenges in a few countries in 1999. Many of these problems such as those relating to the financial crises in Indonesia and Argentina have been ameliorated with the assistance of the Subcommittee on Monitoring, Evaluation and Finance (SCMEF). Several projects in Pakistan are now experiencing significant delays. This is due to consistently poor response on the part of the enterprises:

- Singer (PAK/FOA/29/INV/21);
- Dawlance (PAK/FOA/29/INV/26);
- United (PAK/FOA/29/INV/27); and
- Refrigerators Manufacturing Company (PAK/FOA/29/INV/31)

26. United and Dawlance have indicated that moving forward with implementation would create a negative cash flow of US\$400,000 for the companies. Refrigerators Manufacturing Company has yet to resolve a "change of ownership" issue that has persisted for over one and a half years. Singer has made

some slight progress, but has not met or kept appointments with Bank missions in November 1999, December 1999, February 2000 or April 2000. The last time Singer kept an appointment with the Bank was June 1999. Nor have they responded to correspondence sent to them by the Bank's financial intermediary. In addition, after consultations with the Bank's international foam expert were completed in June 1999, Singer was requested to commence bidding. It appears that they have yet to do so almost one year later.

27. The Bank would like to request the Subcommittee's guidance on these projects and would request that a letter be sent from the Subcommittee to the Government of Pakistan warning of possible cancellation of the projects due to lack of movement and commitment on the part of the enterprises listed above.

28. Only two projects are classified by the Secretariat as having implementation delays:

- UCM (MAL/REF/19/INV/90) -- First disbursement on this project was in May 1998. This project was delayed due to problems with specifications of components. The final installation of equipment is underway and completion is expected in March 2000.
- Siam Chaicharoen (THA/FOA/23/INV/76) -- First disbursement on this project was in December 1999. It experienced a six month delay in completion due to the financial crisis taking place at the time of approval in 1997. The project is now in trial runs and expected to be completed by April 2000.

29. The Secretariat has listed 53 projects as showing a delay of 12 months or more for physical completion. Many of these are projects with difficulties that have been reported to and discussed by the SCMEF throughout 1999. Any projects which continue to have difficulties will be reported on at the 32nd meeting. In most cases, the issues which caused the initial delay have been resolved and the Bank expects to see good progress and, in many cases, completion, in 2000. Detailed information is provided in the report, "World Bank: Projects with Implementation Delays," as annexed to this report.

Annex A

COUNTRY DEVELOPMENT AND INSTITUTIONAL STRENGTHENING UNIT HIGHLIGHTS

Global Environment Division, Environment Department

The World Bank

| Stat us | Age ncy | Title | Regi on | Project Number | | | | | | | Imple mentation Charac teristics | ODP to be Phased Out per Proposal | ODP Phase d Out | Date Appro ved | First Disburs ement Date | Date of Comp l per Propo sal | Planne d Date of Completion | Date Comple ted (Actual) | Date of Financi al Comple tion | Approved Funding (US\$) | Adjustm ent (US\$) | Funds Disbur sed (US\$) | Percen t of Funds Disbur sed | Balance (US\$) | Planned Commitm ents in Current Year (US\$) | Remarks | |
|---------|---------|--|---------|----------------|----|--|----|---|---|---|----------------------------------|-----------------------------------|-----------------|----------------|--------------------------|------------------------------|-----------------------------|---------------------------|--------------------------------|-------------------------|--------------------|-------------------------|------------------------------|----------------|---|---------|---|
| | | | | AR | SE | I | IN | N | O | D | | | | | | | | | | | | | | | | | |
| TRF | IBR D | Institutional strengthening (establishment of OPROZ) | LAC | AR | SE | I <td>IN</td> <td>N</td> <td>O</td> <td>D</td> <td>-</td> <td>-</td> <td>Jul-94</td> <td>-</td> <td>Sep-97</td> <td>-</td> <td>-</td> <td>Jul-94</td> <td>359,500</td> <td>(359,500)</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>Transferred to UNDP</td> | IN | N | O | D | - | - | Jul-94 | - | Sep-97 | - | - | Jul-94 | 359,500 | (359,500) | - | - | - | - | - | - | Transferred to UNDP |
| FIN | IBR D | Establishment of the Ozone Team | LAC | CH | SE | 0 | IN | 0 | N | O | I | - | - | Jun-92 | Sep-94 | Jun-97 | - | Oct-96 | Nov-96 | 210,907 | - | 210,907 | 1.00 | - | - | - | Completed |
| COM | IBR D | Institutional strengthening II | LAC | CH | SE | 2 | IN | 1 | N | O | I | - | - | Oct-96 | Mar-97 | Oct-98 | - | Oct-98 | - | 113,500 | - | 113,500 | 1.00 | - | - | - | Completed |
| ONG | IBR D | Ozone protection and institutional strengthening project (renewal) | LAC | CH | SE | 2 | IN | 3 | N | O | I | - | - | Jul-98 | Jan-99 | Jul-00 | Jul-00 | - | - | 143,500 | - | 106,000 | 0.74 | 37,500 | 36,000 | - | Work program activities under way |
| FIN | IBR D | Institutional strengthening | LAC | EU | SE | 0 | IN | 1 | N | O | I | - | - | Mar-93 | Dec-94 | Mar-96 | - | May-97 | Aug-97 | 204,000 | (33,327) | 170,673 | 1.00 | - | - | - | Public awareness campaign has been successfully carried out. Ozone Team actively supporting project implementation. |
| ONG | IBR D | Renewal of institutional strengthening (phase II) | LAC | EU | SE | 2 | IN | 2 | N | O | I | - | - | Jul-99 | - | Jul-02 | Jul-02 | - | - | 97,300 | - | - | - | 97,300 | 8,000 | - | Subgrant in process. |
| FIN | IBR D | Policy and monitoring measures | ASP | JOR | SE | 0 | IN | 1 | N | O | I | - | - | Jun-92 | Jun-94 | Dec-96 | - | Jun-97 | Jun-97 | 100,000 | 70,000 | 170,000 | 1.00 | - | - | - | PIU fully operational. |
| COM | IBR D | Renewal of institutional strengthening | ASP | JOR | SE | 2 | IN | 3 | N | O | I | - | - | May-97 | Jun-97 | May-99 | - | May-99 | - | 113,333 | - | 60,405 | 0.53 | 52,928 | - | - | PIU fully operational. |
| ONG | IBR D | Renewal of institutional strengthening (phase II) | ASP | JOR | SE | 2 | IN | 5 | N | O | I | - | - | Jul-99 | - | Aug-99 | Dec-00 | - | - | 113,333 | - | - | - | 113,333 | - | - | PIU utilizing funds for operation. |
| COM | IBR D | Institutional strengthening for Ozone Desk Operations | ASP | PHI | SE | 0 | IN | 1 | N | O | I | - | - | Mar-93 | Dec-95 | Dec-96 | Jan-00 | Dec-98 | Jan-00 | 209,000 | - | 200,000 | 0.96 | 9,000 | - | - | |
| ONG | IBR D | Renewal of institutional strengthening | ASP | PHI | SE | 2 | IN | 5 | N | O | I | - | - | Jul-99 | Jan-00 | Aug-01 | Aug-01 | Jan-00 | Jan-00 | 139,333 | - | - | - | 139,333 | - | - | Newly Approved |
| FIN | IBR D | Implementation of Government actions (institutional | AFR | TUN | SE | 0 | IN | 0 | N | O | I | - | - | Oct-92 | Jul-96 | Jun-97 | Jan-00 | Jun-98 | Jun-98 | 280,000 | - | 301,883 | 1.08 | - | - | - | Project complete. Final completion report provided in June 1998 |

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------|----------|---|-----|---------|---------|--------|---------|--------|---|---|---|---|---|--------|--------|--------|--------|--------|--------|---------|---|---|---|---------|---------|--|
| ON G | IBR D | strengthening) Phase out of ozone depleting substances (renewal of institutional strengthening) | AFR | TU N | SE V | 2 5 | IN S | 3 1 | N | O | I | - | - | Jul-98 | Jan-00 | Jul-00 | Dec-00 | Jan-00 | Jan-00 | 186,700 | - | - | - | 186,700 | 286,700 | Extended to ensure coverage of program by ozone unit. |
|---------|----------|---|-----|---------|---------|--------|---------|--------|---|---|---|---|---|--------|--------|--------|--------|--------|--------|---------|---|---|---|---------|---------|--|

Annex B

PROGRESS AND FINANCIAL REPORTING DATABASE

(The World Bank's database was included in the Consolidated Progress Report that is available on the Secretariat's website (www.UNMFS.org). It is also available upon request.)

Global Environment Division, Environment Department

The World Bank

Annex C

World Bank: Projects with Implementation Delays

Global Environment Division, Environment Department

The World Bank

World Bank: Projects with Implementation Delays.

| Code | Title | Remarks |
|--------------------|---|---|
| ARG/REF/18/INV/35 | Aurora S.A --Elimination of CFCs in domestic refrigerator production plants. | Although the company has been declared in bankruptcy it is still producing, as the workers cooperative is operating the plant. The cooperative is trying to lease the plant. Some progress has been made toward this end and final status will be reported to the 31st meeting. |
| ARG/REF/18/INV/36 | Piragua S.A., and Piragua San Luis -- Elimination of CFCs in 2 domestic refrigerator manufacturing plants. | Some progress toward establishing a payment plan has been made. Further progress will be reported to the 31st meeting. |
| ARG/REF/18/INV/40 | Sistemaire, S.A -- Conversion to non-CFC technology in the production of mobile air conditioning systems. | Delivery of core-builder has experienced delays because the design tooling was pending approval of new models by the automobile manufacturer. It is expected that the machine will be sent in May 2000 and the plant is expected to be converted by 10/2000. |
| ARG/REF/19/INV/43 | Adzen S.A.C.I.F. | Despite its financial difficulties, Adzen has successfully established a payment plan (concurso) with all debtors and subgrant agreement is expected to be signed in 2Q 2000. |
| ARG/REF/23/INV/69 | Lobarto San Luis | Enterprise wants to reformulate proposal and convert to HCFC-141b instead of cyclopentane, due to financial difficulties to commit counterpart funding. A proposal is being prepared to be submitted to ExCom. |
| ARG/REF/23/INV/70 | GEPASA S. A. | Enterprise has stopped production due to financial difficulties. Supervision mission in 2nd qtr 2000 will assess whether or not the project should be cancelled. |
| CPR/FOA/17/INV/138 | Conversion to CFC-free technology in the manufacture of flexible (slabstock) polyurethane foam at Zhenjiang No. 5 Plastic Factory | Difficulties encountered in trials. |
| CPR/FOA/23/INV/227 | Conversion of rigid and spray polyurethane foam manufacture from CFC-11 to HCFC-141b foam blowing agent at Yantai Moon Group Co. Ltd. | Implementation delayed due to change in FA. Project has been transferred to another FA, and implementation will begin shortly. The subgrant Agreement was signed in November,99. |

World Bank: Projects with Implementation Delays.

| Code | Title | Remarks |
|--------------------|--|---|
| CPR/FOA/23/INV/230 | Conversion of rigid and spray polyurethane foam manufacture from CFC-11 to HCFC-141b foam blowing agent at Shanghai General Machinery Company (SGMC) | Implementation delayed due to change in FA. Project has been transferred to another FA, and implementation will begin shortly. The subgrant Agreement was signed in November,99. |
| CPR/REF/16/INV/111 | Conversion of small open-type CFC-12 refrigeration compressor production to HCFC-22 at Anhui Provincial Refrigerating Machinery Factory (APRMF) | Due to financial difficulties, the plant delayed procurement of local equipment until late 1999. All equipment has now been procured and installed except the milling machine. The plant will have sufficient funds to procure the equipment in early 2000. The trial specimen has been transported to the Hefei General Machinery Institute for testing in Dec-1999. The plant has produced several sets of products with the new technology and will start small batch production after passing the domestic testing. |
| CPR/REF/20/INV/176 | Conversion of manufacturing facilities from CFC-11 foaming agent to cyclopentane and CFC-12 refrigerant to HFC-134a at Gansu Changfeng Baoan Industry Co. Ltd. | Project implementation has been delayed due to lack of sufficient counterpart funds. The enterprise has mobilized sufficient funds to begin procurement and implementation is expected to go quickly. The plant has ordered imported equipment from OMS, which will deliver in Mar. 2000. |
| IDS/FOA/15/INV/30 | Musimmassejahtera | FA has sent recommendation letter for cancellation. Awaiting for cancellation letter from LH. |
| IDS/FOA/23/INV/73 | PT Tara Guna Foam | Subgrant Agreement signed on Feb. 22, 1999. Project is under implementation (getting quotes to purchase goods). Remind beneficiary to form team to fully concentrate on the project implementation. |

World Bank: Projects with Implementation Delays.

| Code | Title | Remarks |
|-------------------|--|--|
| IDS/FOA/23/INV/75 | PT INOAC | To date the beneficiary had not fulfilled FA request for information about company. Ekofin has re-requested these to prepare subgrant agreement. Though Inoac is a big company, seemingly the holding company of beneficiary (PT. Gajah Tunggal) is still facing financial hardships. Previous deadline for submission of Project Implementation Schedule, renewal of company commitment and company information on September 1999 from LH had not been responded to yet. Cancellation being considered. |
| IDS/FOA/23/INV/76 | PT Seahorse | FA has been requesting financial info from the enterprise for more than one year w/out response. The enterprise was reminded about the risk of fund to be returned if not utilized. MoE has written a warning letter but no response up to the present. Cancellation being considered. |
| IDS/FOA/23/INV/77 | AFI Group project, SMEs, Flexible Boxfoam | Ekofin had made report to WB for review the proposal for pre-assessment visits. After getting approval, pre-assessment visit can be conducted to know current situation of potential small foamers. AFI proposal states that the pre-assessment visit will be conducted in sixteen weeks. |
| IDS/FOA/23/INV/78 | AFI Group project, SMEs, Molded Foam | Ekofin had made report to WB for review the proposal for pre-assessment visits. After getting approval, pre-assessment visit can be conducted to know current situation of potential small foamers. AFI proposal states that the pre-assessment visit will be conducted in ten weeks. |
| IDS/REF/15/TAS/29 | Reduction of CFC-12 emission during service of MAC units | Delays in finalizing project agent. Dasa Windu Agung, the new project agent of MAC, signed the Subgrant last September 1999. Procurement of import goods is in progress. Bid analysis report for import goods will be submitted 2nd week of March. |

World Bank: Projects with Implementation Delays.

| Code | Title | Remarks |
|--------------------|--|--|
| IDS/REF/23/INV/74 | PT Porkka Indo | Signed the subgrant agreement on April 21, 1998. Awaiting for document of goods purchased for reimbursement. |
| IND/ARS/22/INV/114 | Accra Pack India Pvt. Ltd. aerosol conversion | Delays experienced in installation, but project is now expected to be completed shortly by end June 2000. |
| IND/ARS/22/INV/119 | My Fair Lady aerosol conversion, Delhi | Delay in completing appraisal, but SGA now signed. LC being opened for semi automatic filling machine/portable detectors. The equipment are delivered in February 2000. |
| IND/ARS/22/INV/137 | Attarwala and Co. Pvt. Ltd. aerosol conversion, Bombay | SGA executed. Some additional delays in site identification, but site purchased in January 1999. Civil works/construction started in March 1999. Co. has identified the supplier and is in the process of placing orders for the equipment. The civil works expected to be completed by end June, 2000 with project completion 6 months later. |
| IND/FOA/13/INV/23 | Expanded Inc. | Implementation is in progress; The enterprise has installed high pressure foaming machine, heat flow meter thermal conductivity equipment, universal testing machine. automatic gas analyzer has been received. The company is yet to complete the civil works for Phase-II and a report on status of implementation of the project would be forwarded to WB by April 15. |
| IND/FOA/17/INV/38 | Karnataka | Delays in procurement, but high pressure foaming machine equipment has been received by the enterprise. Enterprise has placed order for moulds and work on ventilation system is in progress. The enterprise is in the process of installing high pressure foaming machine, ventilation system, mould heating oven and air dryer. The project is at an advanced stage of implementation. |

World Bank: Projects with Implementation Delays.

| Code | Title | Remarks |
|-------------------|---|--|
| IND/FOA/18/INV/56 | PUR Polyurethane Products P. Ltd.: Phaseout of CFCs in the manufacture of molded PUF | Completion delayed due to non commissioning of the project by the supplier (Cannon Italy, through its agent Expanded, Mumbai). IDBI is pursuing The matter is with the supplier. Unfortunately, there is no penalty clause in the original contract. WB is going to intervene and dialogue with the supplier to resolve the problem. |
| IND/FOA/18/INV/58 | Shroff Textiles Ltd.: Phaseout of CFCs in the manufacture of extruded polyethylene foam | Implementation in progress. Trial runs were undertaken. However, iso-butane pump was found not functioning properly. The supplier has agreed to replace the same free of cost, and IDBI is in the process of obtaining committment and date for such remedial action by the supplier. The project will be completed after replacement of pump. |
| IND/HAL/18/INV/60 | Real Value Appliances Ltd.: Conversion from halon 1211 to ABC dry chemical power (ABC- DCP) and carbon dioxide (CO2) in portable extinguishers | Some progress made in bankruptcy issue -- additional report to be submitted to 31st meeting of the ExCom. |
| IND/REF/19/INV/89 | Rabi-Run Refrigeration - Elimination of CFCs in the manufacture of commercial refrigeration equipment | Project completion delayed due to late placing the orders for refrigerant part. Implementation is in progress; non-CFC production commenced in foam line. The co. is in the process of ordering the equipment for refrigerant operations. The enterprise has approached IDBI to estblish LC for supply of equipment for refrigerant part. The application for IC is being processed. |
| IND/REF/19/INV/91 | Shakti Fabricators - Elimination of CFCs in the manufacture of commercial refrigeration equipment | Implementation in progress. Additional delays in procurement, but Co. has now placed orders for the remaining equipment. The enterprise is to provide a revised implementation schedule by April 15, 2000. |

World Bank: Projects with Implementation Delays.

| Code | Title | Remarks |
|--------------------|---|--|
| IND/REF/19/INV/92 | Chandra Frig Co. Ltd. - Elimination of CFCs in the manufacture of commercial refrigeration equipment | Implementation is in progress. Delay due to equipment loss in transit in June 98, and delay in settling insurance claim with Oriental Insurance Co., New Delhi. The enterprise as well as MoEF is pursuing the matter with the insurance company. |
| IND/REF/22/INV/110 | Elimination of CFCs in the manufacture of commercial refrigeration equipment at Refrigeration Components and Accessories | SGA signed. Implementation yet to start. Enterprise warned that the project will be canceled if they don't implement the project on schedule. |
| IND/REF/22/INV/116 | Conversion to non-CFC technology in the production of MAC systems at Pranav Vikas India Ltd. | Project is at an advanced stage of completion, but has experienced some delays due to delays in Sanden Vikas project. |
| IND/REF/22/INV/120 | Elimination of CFCs in the manufacture of commercial refrigeration equipment at Standard Refrigeration Appliances | Implementation in progress. Foam part completed. Completion is delayed due to late placing the orders for refrigerant part, orders are being placed by the enterprise. The enterprise is to provide a revised implementation schedule by April 15, 2000. |
| IND/REF/22/INV/121 | Conversion to non-CFC technology in the production of MAC systems at Sanden Vikas India Ltd. | Project delayed because of company's wish to change the scope of the project. Co. has been advised to submit details of change in scope of the project and means of financing thereof. The company informed that it would submit the proposal to the WB by end March 2000. |
| IND/REF/22/INV/123 | Elimination of CFCs in the manufacture of commercial refrigeration equipment at Hindustan Refrigeration Industries | Delays in completion of appraisal, but appraisal is now completed and SGA to be signed soon. The enterprise is identifying the supplier for equipment. The company has been advised to submit revised implementation schedule and the same will be forwarded to WB on receipt. |
| IND/REF/22/INV/124 | Elimination of CFCs in the manufacture of commercial refrigeration equipment at Refrigerators and Home Appliances P. Ltd. | SGA signed. Implementation yet to start. Enterprise warned that the project will be canceled if they don't implement the project on schedule. |

World Bank: Projects with Implementation Delays.

| Code | Title | Remarks |
|--------------------|---|--|
| IND/REF/23/INV/144 | Aarkay Industries | Delays in completion of appraisal, but SGA now signed. Implementation is in progress. HP machine arrived at site, orders being placed for the remaining equipment. The enterprise has approached IDBI to establish LC for supply of equipment for refrigerant part. The application for LC is being processed. The enterprise is to provide a revised implementation schedule by April 15, 2000. |
| IND/REF/23/INV/145 | SaiKrupa Ltd | Project completion delayed due to late placing the orders for the refrigerant part. Implementation is in progress. Foam part completed, orders for refrigerant part is being placed in March 2000 with Agramkow, Denmark. The enterprise has approached IDBI to establish LC for supply of equipment for refrigerant part. The application for IC is being processed. |
| IND/REF/23/INV/152 | Sarkar Refrigeration | Delay in completion of appraisal, but SGA now signed and LC opened for HP machine, refrigerant charging boards, vacuum pump and leak detectors. The enterprise is to provide a revised implementation schedule by April 15, 2000. |
| IND/REF/23/INV/160 | Sidwal Refrigeration Industries | LCs opened for HP machine, vacuum pump and refrigerant charging boards. HP foaming machine, leak detectors have been received at site and being installed. Project completion delayed due to late start in installation. The enterprise is to provide a revised implementation schedule by April 15, 2000. |
| IND/REF/25/INV/183 | Elimination of CFC-11 and CFC-12 by converting to HCFC-141b and HFC-134a in the manufacture of domestic refrigerators at BPL Refrigeration Ltd. | Delays in appraisal, but now completed, SGA is being executed. The company has already submitted revised implementation schedule. According to the revised schedule, the implementation should be completed by February 2001. |

World Bank: Projects with Implementation Delays.

| Code | Title | Remarks |
|--------------------|---|---|
| JOR/FOA/15/INV/22 | Three foam-sector enterprises (Arab Foam, Jordan Plastics, National Foam) | Arab foam complete. Other enterprises have experienced delays due to problems with bidding process. This resulted in need to re-do bids to ensure compliance with Bank rules. Issue now resolved and National Foam expected completion is 6/00 and Jordan Plastics completion expected 11/00. Thus full project to be completed by 11/00. |
| JOR/SEV/28/INS/51 | Renewal of institutional strengthening (phase II) | PIU utilizing funds for operation. |
| MAL/FOA/17/INV/59 | Star Foam Paper Products Sdn. Bhd. - Elimination of ODS in the process of EPE/EPS foam sheet | Continued delays in waiting for final approval for Local Authority to enable connection of electricity supply. Actual production expected in early June 2000. |
| MAL/REF/19/INV/90 | UCM | Final installation underway. Delays due to rejection of earlier component by the enterprise's management for not fulfilling the specifications. Actual running expected in March 2000. |
| THA/FOA/27/INV/108 | Conversion from CFC-11 to HCFC-141b technology in the manufacture of rigid polyurethane foam at P.E. Containers Supply Co. Ltd. | Delay in processing of agreements with FI. Equipment has now arrived and the project is in the trial run period. |
| THA/FOA/27/INV/109 | Conversion from CFC-11 to water blown and HCFC-141b technology in the manufacture of rigid foam (spray) at Bangkok Integrated Trading Co. | Appraisal undertaken by IFCT. Delay because of technical considerations of company, i.e., to replace or retrofit machine. |
| THA/FOA/27/INV/110 | Conversion from CFC-11 to HCFC-141b technology in the manufacture of rigid polyurethane foam at Siam M.P. Co. Ltd. | Delay in processing of agreements with FI, but equipment now ordered. Waiting for shipment of machine. |
| THA/FOA/27/INV/111 | Conversion from CFC-11 to HCFC-141b technology in the manufacture of rigid polyurethane foam at Siam Steel International PLC | Appraisal undertaken by IFCT. Company has been experiencing financial difficulties due economic crisis in country and is in the process of revising a debt re-structuring plan. |
| THA/FOA/27/INV/112 | Conversion from CFC-11 to HCFC-141b technology in the manufacture of rigid foam at Willich Sales & Contracting Co. Ltd. | Percentage of local ownership of the enterprise has changed and it has not been cooperative in providing information to DIW and the FI. DIW will be sending them a cancellation letter soon |

World Bank: Projects with Implementation Delays.

| Code | Title | Remarks |
|--------------------|---|--|
| THA/FOA/27/INV/115 | Conversion from CFC-11 to HCFC-141b technology in the manufacture of rigid polyurethane foam at Plastmate Industry Co. Ltd. | Equipment ordered. Waiting for shipment of machine. |
| THA/REF/07/TAS/07 | CFC recycling in MAC | There are 51 service shops registered to participate in the first round of MAC program. Some delays in procurement, but machines to be delivered by May 2000. |
| THA/REF/23/INV/82 | Siam Coolers | Some delays in enterprise providing information to FI, but implementation has proceeded well and project now in trial run phase. Expected completion by end 2nd qtr. 2000. |
| THA/REF/23/INV/85 | Sahakarn Intercool | Some delays in enterprise providing information to FI, but implementation has proceeded well and project now in trial run phase. Expected completion by end 2nd qtr. 2000. |