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EXECUTIVE COMMITTEE OF  
THE MULTILATERAL FUND FOR THE  
IMPLEMENTATION OF THE MONTREAL PROTOCOL  
Thirty-ninth Meeting  
Montreal, 2-4 April 2003

**CONSOLIDATED 2003 BUSINESS PLAN OF THE MULTILATERAL FUND**

\*Please note that the revised text is shaded.

## Introduction

1. The Executive Committee adopted at its 33<sup>rd</sup> Meeting (2001) the “Framework on the objectives, priorities, problems and modalities for strategic planning of the Multilateral Fund in the compliance period”, as the basis of its future work. (Decision 33/54)
2. Implementation of the framework has resulted in a number of policy decisions focussing on enabling compliance of all Article 5 countries with all the control measures of the Montreal Protocol.
3. In the process, two cardinal decisions stand out: the decision on choosing an option for determining a starting point for measuring the aggregate national consumption of CFCs, and the decision on using a model three-year phase-out plan as the basis for business planning by the implementing agencies beginning with the triennium 2003-2005.
4. The adoption of the three-year phase-out plan by the Executive Committee at its 38<sup>th</sup> Meeting (Decision 38/66) has changed the historic basis of business planning in the Multilateral Fund; from one that was based on funding shares for the implementing agencies, to a new approach based on the approval of certain amounts of ODSs for specific countries during the triennium to enable compliance with the Protocol control measures until 2007.
5. In preparation for the full implementation of the new approach for business planning, the implementing agencies were assured of the approval of a fixed budget for their core Montreal Protocol units (Decision 38/68), which obviated the need for maintaining the traditional shares of the implementing agencies.
6. For the first time in the Fund’s history, more than 50 per cent of the budget approved by the 14<sup>th</sup> Meeting of the Parties for the Multilateral Fund is already committed to multi-year agreements or earmarked for assured approval (e.g. Secretariat and Executive Committee budget).
7. The triennium 2003-2005 is therefore characterized by quantifiable needs of specific Article 5 countries to meet their compliance targets, and the limitation of the financial resources to address these needs.
8. The Secretariat and the implementing agencies started their collaborative efforts early in January to recast the business planning of the Multilateral Fund to reflect the new approach.
9. The coordination process began at an Inter-Agency Coordination Meeting held on 9-10 January 2003. At this meeting, the implementing agencies and the Secretariat discussed inter alia business planning in the light of the Fourteenth Meeting of the Parties replenishment of the Multilateral Fund, planned activities in countries with needed phase-out to comply with the interim control measures and the updated model three-year phase-out plan.
10. Agencies indicated where they planned activities in countries with phase-out needs identified in the three-year phase-out plan, although the value and ODP phase-out was not yet

available. Therefore, agencies agreed to an iterative process to ensure that there were no overlaps, that sufficient phase-out was provided for those countries in the model, and that the proposed budget for the first year of the triennium was respected and addressed the countries with the greatest phase-out needs.

11. In the interim, bilateral agencies were provided with an updated model three-year phase-out plan and the activities planned by implementing agencies as identified at the Co-ordination Meeting.

12. The final version of the business plans was the result of three iterations of submissions. The business plans are multi-year business plans since three years of activities are included, although there is less certainty with regard to 2004 and 2005 activities except with regard to the ongoing multi-year agreements

13. Each business plan consists of 5 main parts and annexes. The main parts include: Multilateral Fund targets, planned activities, performance indicators, policy issues and administrative and financial matters. The agencies in general provided annexes on a country-by-country review of the implementation of ongoing projects, phase-out from ongoing and planned activities, an excel worksheet on new activities and one on planned phase-out through 2007.

14. This document consists of the following sections:

|              |                                      |
|--------------|--------------------------------------|
| Section I:   | 2003-2005 Business Plans             |
| Section II:  | 2003 Business Plans                  |
| Section III: | Resource Allocation                  |
| Section IV:  | Implementation of Ongoing Activities |
| Section V:   | Performance Indicators               |
| Section VI:  | Observations and Recommendations     |

## **SECTION I: BUSINESS PLANNING FOR THE 2003-2005 TRIENNIUM**

15. Based on the above, the bilateral and implementing agencies have endeavored to provide the best fit between the phase-out requirements of the adjusted three-year phase-out plan and the resources available for the triennium.

16. Table 1 presents the amount of phase-out that should be considered for approval during the 2003-2005 triennium per the three-year phase-out plan that was updated based on the results of the 38<sup>th</sup> Meeting.

**Table 1****PHASE-OUT NEEDS ACCORDING TO THE THREE-YEAR PHASE-OUT MODEL**

| <b>Phase-out in ODP tonnes</b>  | <b>2003</b>   | <b>2004</b>   | <b>2005</b>  | <b>Total</b>  |
|---------------------------------|---------------|---------------|--------------|---------------|
| CFC in non-LVC countries        | 4,371         | 4,371         | 3,643        | 12,385        |
| CFC in LVC countries            | 1,711         | 1,140         | -            | 2,851         |
| CFC production sector           | 2,400         | 2,400         | 1,800        | 6,600         |
| Methyl bromide                  | 438           | 438           | -            | 875           |
| CTC                             | 5,785         | 4,339         | 2,169        | 12,293        |
| TCA                             | 87            | 87            | -            | 173           |
| <b>Grand total (ODP tonnes)</b> | <b>14,791</b> | <b>12,775</b> | <b>7,612</b> | <b>35,178</b> |

17. The amount of phase-out in Table 1 would have to be funded from the uncommitted resources for the 2003-2005 triennium. According to the document on financial planning (UNEP/OzL.Pro/ExCom/39/7), these resources are US \$95,579,060 in 2003, US \$81,051,016 in 2004 and US \$71,362,140 in 2005.

18. Consolidation of the 2003-2005 business plans revealed the following trends when compared with the three-year phase-out plan.

#### CFCs

19. Table 2 indicates that the business plans include a total of 13,204 ODP tonnes to be approved for the CFC consumption sector phase-out during the triennium for new activities, or 2,032 ODP tonnes below the level indicated in the model (728 ODP tonnes for non-LVCs and the remainder 1,304 ODP tonnes are attributed to CFC consumption in LVCs).

20. The small deviation in the amount of CFC for non-LVC from that indicated in the three-year phase-out plan has been attributed by implementing agencies to consumption that cannot be phased out through typical investment projects or sectoral phase-out plans. It should be noted, however, that refrigerant management plans (RMPs) pursuant to Decision 31/48 are designed to enable LVCs to achieve their 2005 and 2007 controls for CFCs. Implementing and bilateral agencies have planned, or are developing, RMPs or RMP updates in all LVCs that are Parties.

**Table 2****PHASE-OUT OF CFC CONSUMPTION DURING 2003-2005**

| Agency                  | CFC     |          |         |          | CFC (Non-LVC) |          |         |          |
|-------------------------|---------|----------|---------|----------|---------------|----------|---------|----------|
|                         | 2003    | 2004     | 2005    | Total    | 2003          | 2004     | 2005    | Total    |
| Bilateral               | 40.0    | 149.0    | 179.9   | 368.9    | 38.0          | 149.0    | 149.0   | 336.0    |
| UNDP                    | 3,138.7 | 1,028.3  | 678.3   | 4,845.4  | 2,283.1       | 975.3    | 678.3   | 3,936.8  |
| UNEP                    | 209.4   | 104.3    | 113.1   | 426.9    | 209.4         | 104.3    | 113.1   | 426.9    |
| UNIDO                   | 1,502.4 | 1,565.2  | 3,373.0 | 6,440.6  | 1,422.4       | 1,395.2  | 3,283.0 | 6,100.6  |
| World Bank              | 699.1   | 290.8    | 132.4   | 1,122.3  | 545.4         | 179.3    | 132.4   | 857.1    |
| Agency Total            | 5,589.6 | 3,137.7  | 4,476.7 | 13,204.0 | 4,498.3       | 2,803.2  | 4,355.8 | 11,657.3 |
| Total Required by Model | 6,082.0 | 5,511.0  | 3,642.7 | 15,235.7 | 4,371.3       | 4,371.3  | 3,642.7 | 12,385.3 |
| Difference              | -492.4  | -2,373.3 | 834.0   | -2,031.7 | 127.0         | -1,568.1 | 713.1   | -728.0   |

ODS production sector

21. Implementing agencies have included 4 new production closure projects in their business plans as shown below:

| Country   | Sector/Sub-sector   | Agency     | Value (\$000) in 2003 | ODP in 2003* | Value (\$000) in 2004 | ODP in 2004* | Value (\$000) in 2005 | ODP in 2005* | Value (\$000) after 2005 | ODP after 2005* |
|-----------|---------------------|------------|-----------------------|--------------|-----------------------|--------------|-----------------------|--------------|--------------------------|-----------------|
| Mexico    | CFC-closure         | UNIDO      | 5,375                 | 2,000        | 8,600                 | 2,400        | 10,750                | 1,800        |                          |                 |
| Romania   | CFC/CTC/MBR-closure | UNIDO      |                       |              | 538                   | 100          | 1,613                 | 300          |                          |                 |
| India     | CTC closure         | World Bank | 5,913                 | 1,100        | 10,750                | 2,000        | 5,375                 | 1,000        | 5,375                    | 1,000           |
| Venezuela | CFC closure         | World Bank |                       |              | 2,903                 | 764          | 2,150                 | 500          | 2,150                    | 500             |

22. It should be noted that UNIDO's business plan suggests that the total value of its closure projects would be submitted during this triennium to fund the phase-out requirements beyond the 2007 controls. Similarly, the funding for the World Bank's projects during the triennium appears to enable more phase-out than would be required to achieve the 2007 controls for CFC and the 2005 controls for CTC. The funds allocated by UNIDO to the CFC production closure project in Mexico are not consistent with the phase-out needs till 2010.

23. Table 3 presents the phase-out included in the business plan for Other Controlled Substances including methyl bromide, carbon tetrachloride (CTC), and methyl chloroform (TCA). It should be noted that unlike the case of CFCs, there are no starting points for determining the aggregate national consumption of Annex B and Annex E substances. Therefore, the proposed phase-out in the business plans differ markedly from that calculated in the three-year phase-out plan.

**Table 3****OTHER CONTROLLED SUBSTANCES (IN ODP TONNES)**

| Agency                  | MBR   |       |       |         | CTC      |         |         |          | TCA   |       |      |       |
|-------------------------|-------|-------|-------|---------|----------|---------|---------|----------|-------|-------|------|-------|
|                         | 2003  | 2004  | 2005  | Total   | 2003     | 2004    | 2005    | Total    | 2003  | 2004  | 2005 | Total |
| Bilateral               | 195.0 | 195.0 |       | 390.0   |          |         |         | 0.0      |       |       |      | 0.0   |
| UNDP                    | 135.8 | 99.0  | 24.0  | 258.8   | 109.1    | 14.8    | 29.0    | 152.9    | 14.3  | 0.0   | 0.0  | 14.3  |
| UNEP                    |       |       |       | 0.0     | 0.0      | 0.0     | 0.0     | 0.0      |       |       |      | 0.0   |
| UNIDO                   | 400.6 | 280.0 | 250.0 | 930.6   | 1,513.7  | 2,129.0 | 244.0   | 3,886.7  | 44.2  | 36.7  | 0.0  | 80.9  |
| World Bank              | 36.4  | 43.1  |       | 79.5    | 1,218.0  | 3,296.8 | 5,834.0 | 10,348.8 |       |       |      | 0.0   |
| Agency Total            | 767.8 | 617.1 | 274.0 | 1,658.9 | 2,840.8  | 5,440.6 | 6,107.0 | 14,388.4 | 58.5  | 36.7  | 0.0  | 95.2  |
| Total Required by Model | 416.3 | 416.3 | 0.0   | 832.5   | 5,785.1  | 4,338.8 | 2,169.4 | 12,293.3 | 86.4  | 86.4  | 0.0  | 172.8 |
| Difference              | 351.5 | 200.8 | 274.0 | 826.4   | -2,944.3 | 1,101.8 | 3,937.6 | 2,095.1  | -27.9 | -49.7 | 0.0  | -77.6 |

Methyl bromide

24. The business plans include a total of 1,659 ODP tonnes of phase-out to be approved during the triennium for new methyl bromide activities, or almost double the amount estimated by the model.

Carbon tetrachloride

25. The business plans include a total of 14,388 ODP tonnes of CTC consumption and 4,100 ODP tonnes of production to be approved during the triennium for new activities. This amount is 2,095 ODP tonnes above the level indicated in the model. It is to be recalled that the model did not include data on CTC production.

Methyl chloroform

26. The business plans include a total of 95 ODP tonnes of TCA to be approved during the triennium for new activities. This amount is 78 ODP tonnes below the level calculated by the model.

**Multi-year performance-based agreements with annual tranches**

27. Table 4 summarises the estimated values of the existing and planned multi-year performance-based agreements for the annual tranches for 2003, 2004, 2005 and beyond. Based on the information provided in the agencies' 2003-05 business plans, a total of US \$107.05 million is scheduled for disbursement in 2003; US \$86.33 million is committed in 2004 and US \$65.31 million is committed in 2005. It should be noted that the value provided in the agencies' business plan differ from the value approved in principle by the Executive Committee **due to some variances in support cost calculations.**

**Table 4**

**APPROVED AND PLANNED MULTI-YEAR AGREEMENTS  
(in US \$ millions)**

| Agency        | EXISTING ANNUAL TRANCHES<br>(Approved in Principle) |        |        |            | PLANNED ANNUAL TRANCHES<br>(To be Submitted) |        |        |            | TOTAL EXISTING<br>AND PLANNED |
|---------------|---|--------|--------|------------|--|--------|--------|------------|-------------------------------|
|               | 2003  | 2004   | 2005   | After 2005 | 2003   | 2004   | 2005   | After 2005 |                               |
| Canada        | 330   | 0      | 0      | 0          | 0  | 0      | 0      | 0          | 330                           |
| Germany       | 1,446   | 772    | 600    | 0          | 1,794  | 4,124  | 3,823  | 0          | 12,559                        |
| Sweden        | 164   | 179    | 42     | 0          | 0  | 0      | 0      | 0          | 385                           |
| UNDP          | 25,261  | 20,727 | 13,910 | 22,993     | 6,187  | 6,028  | 3,546  | 0          | 98,652                        |
| UNIDO         | 9,729   | 5,273  | 4,983  | 1,769      | 28,799                                       | 34,798 | 35,088 | 10,428     | 130,867                       |
| World<br>Bank | 70,122  | 59,380 | 45,777 | 125,825    | 19,352                                       | 26,829 | 28,320 | 52,032     | 427,637                       |
| Total         | 107,051   | 86,331 | 65,312 | 150,587    | 56,133                                       | 71,777 | 70,777 | 62,460     | 670,428                       |

\*Including administrative support costs.

28. The bilateral and implementing agencies included 63 new multi-year performance-based agreements with a first tranche value estimated at US \$56.13 million that would be submitted in 2003 (see Annex I). If these agreements are approved, the Executive Committee would have additional future commitments estimated at US \$261.15 million including the value of the first tranche associated with the Agreements.

29. Annex II presents the full list of multi-year performance based agreements that have been approved in principle by the Executive Committee. It shows the agreements by country and sector, the agency implementing the agreement, and the value of the annual tranches from 1997 through 2010. The Executive Committee has approved in principle 30 agreements valued at US \$679.6 million.

### **Funding of standard activities**

30. Standard activities include institutional strengthening, the budget of the Fund Secretariat and Executive Committee meetings, implementing agencies' core unit administrative costs, and UNEP's compliance assistance programme (CAP). The total costs for these activities in 2003 are: US \$6.9 million for institutional strengthening; US \$3.8 million for the Fund Secretariat and Executive Committee meetings; US \$4.5 million for implementing agencies' core unit administrative costs; and US \$6.5 million for UNEP's CAP. During the triennium, standard activity costs will amount to a total of US \$66 million.

### **Project preparation, other non-investment, and bilateral activities**

31. Other new activities that were not addressed above include project preparation, non-investment activities excluding CAP and RMP activities and bilateral cooperation.

### Project preparation

32. The implementing and bilateral agencies are indicating that their business plans include US \$1.91 million to prepare projects that will be delivered in 2003. The total project preparation in the business plans by agency are as follows: UNDP (US \$578,350), UNEP (US \$129,950), UNIDO (US \$456,875), World Bank (US \$567,450), and bilateral agencies (US\$ 175,598).

### Other non-investment activities

33. Other non-investment activities included in the 2003 business plans concern country programme updates, a demonstration project, and technical assistance and training not associated with CAP or RMP activities. Country programme updates amounting to US \$220,400 in total are included for Argentina (UNIDO), Guinea Bissau (UNEP), and Serbia and Montenegro (UNIDO). One demonstration project in Morocco is included as a Canadian bilateral project.

34. UNEP is requesting US \$807,950 for training, including US \$423,750 for training in India. The remaining funds are for policy training in China, methyl bromide training in Kenya, and a regional CTC project and a regional MAC project both in Uruguay.

35. Technical assistance projects are planned amounting to US \$4 million of which US \$2.6 million is for UNEP, US \$920,700 is for UNDP, and US \$497,599 for bilateral agencies. UNEP's technical assistance include *inter alia*: US \$259,900 for awareness programmes, US \$194,360 for methyl bromide activities, US \$1.1 million for national compliance assistance projects (NCAP), US \$434,160 for a European regional network, a chiller capacity building project in Uruguay (US \$169,500), reprinting and updating publications (US \$81,000), guidance to promote safety in aerosol conversions (US \$113,000), India solvent sector strategy (US \$113,000) and US \$117,400 for translations of documents into Russian. UNDP included US \$496,200 for methyl bromide technical assistance in India and Kyrgyzstan, US \$370,000 for metered-dose inhaler technical assistance in India and Nicaragua, and US \$54,500 for a CTC technical assistance project in Ghana.

### Bilateral Co-operation

36. Table 5 indicates that 8 bilateral donors submitted business plans and letters covering activities for 2003-2005 (UNEP/OzL.Pro/ExCom/39/9).



Table 5

**2003 BUSINESS PLANS FOR BILATERAL AGENCIES**

| <b>Agency</b>      | <b>2003</b>      | <b>2004</b>      | <b>2005</b>      |
|--------------------|------------------|------------------|------------------|
| Canada             | 923,000          |                  |                  |
| Czech Republic     | 66,090           | 66,090           | 66,090           |
| Germany            | 4,454,735        | 6,647,484        | 5,480,718        |
| Hungary            | 46,494           |                  |                  |
| Italy              | 1,961,184        | 1,961,184        |                  |
| Japan              | 218,090          |                  |                  |
| Sweden             | 395,641          | 229,189          | 55,975           |
| UK                 | 500,000          |                  |                  |
| <b>Grand Total</b> | <b>8,565,234</b> | <b>8,903,947</b> | <b>5,602,783</b> |

**SECTION II: 2003 BUSINESS PLANS**

37. As mentioned in paragraph 12 above, the activities included in the business plans are firm for 2003 and less certain or tentative for 2004 and 2005. This section presents a summary of the activities planned for submission in 2003, a sectoral distribution for 2003 activities and the extent to which countries identified with a phase-out need are addressed in 2003.

**Summary of activities planned in 2003**

38. The total value of projects planned for submission in 2003 by the implementing agencies is US \$207 million that will lead to the phase-out of 33,547 ODP tonnes. Their plans include:

- 33 requests for 2003 funding tranches associated with ongoing multi-year performance based agreements amounting to US \$105 million (that represents a ODS phase-out when implemented of 21,470 ODP tonnes);
- 35 new multi-year performance based agreements amounting to funding of US \$54 million in 2003 from an estimated total of US \$189 million, with an associated ODS phase-out in 2003 of 8,479 ODP tonnes (from a total of 35,424 ODP tonnes);
- 38 individual investment projects that will be submitted in 2003 with a value of US \$18 million and an associated ODS phase-out in 2003 of 2,163 ODP tonnes including 15 projects that will result in the total phase-out of the sector or the substance;
- Refrigerant management plans at a cost of US \$10 million;
- Project preparation amounting to US \$1,732,625;

- Country programme update/RMP preparation at a cost of US \$288,000;
- Institutional strengthening projects and renewals at a cost of US \$6.9 million;
- Technical assistance projects at a cost of US \$3.5 million;
- Administrative budgets for CAP (US \$6.6 million), the core units of the UNDP, UNIDO, and World Bank (US \$4.5 million), and Secretariat/Executive Committee costs (US \$3.8 million);
- Training at a cost of US \$807,950 (UNEP).

### **Planned activities in 2003 by sector**

39. Table 6 presents a summary of activities to be submitted in 2003 by sector. The table includes the value and phase-out by chemical for all activities. The table shows that most of the phase-out to be approved in 2003 is for CFCs (7,167 ODP tonnes) representing funding of about US \$46 million. US \$32 million has been allocated for CTC projects that if approved would lead to the phase-out of an estimated 3,911 ODP tonnes according to data in the business plans. Methyl bromide, TCA and halon comprise US \$9.7 million, US \$1.7 million and US \$1.4 million, respectively.

40. It should be noted that the activities summarized in Table 6 are additional to those associated with the implementation of the annual work programmes emanating from the approved multi-year agreements. The resources allocated to the 2003 funding tranches are US \$107.5 million for the phase-out of 21,568 ODP tonnes of ODS consumption and production.

Table 6

## SUMMARY OF NEW ACTIVITIES TO BE SUBMITTED IN 2003 BY SECTOR

| Type                        | Chemical             | Sector           | Value in 2003 (US\$) | ODP in 2003    |
|-----------------------------|----------------------|------------------|----------------------|----------------|
| Investment                  | CFC                  | Aerosol          | 4,326                | 146.1          |
|                             |                      | MDI              |                      |                |
|                             |                      | Other            | 319                  | 65.0           |
|                             |                      | Foam             | 3,987                | 409.6          |
|                             |                      | Multiple-Sectors | 1,559                | 400.0          |
|                             |                      | Phase-Out Plan   | 10,571               | 1,943.6        |
|                             |                      | Production       | 5,440                | 2,000.0        |
|                             |                      | Refrigeration    | 18,233               | 2,031.6        |
|                             |                      | Solvent          | 442                  | 22.0           |
|                             |                      | Sterilant        | 699                  | 150.0          |
|                             | <b>CFC Total</b>     |                  | <b>45,576</b>        | <b>7,167.8</b> |
|                             | CTC                  | Fumigant         | 538                  | 50.0           |
|                             |                      | Process Agent    | 215                  |                |
|                             |                      | Phase-Out Plan   | 11,801               | 1,283.4        |
|                             |                      | Production       | 5,913                | 1,100.0        |
|                             |                      | Solvent          | 13,434               | 1,478.0        |
|                             | <b>CTC Total</b>     |                  | <b>31,899</b>        | <b>3,911.4</b> |
|                             | CTC/TCA              | Solvent          | 38                   | 0.0            |
|                             | <b>CTC/TCA Total</b> |                  | <b>38</b>            | <b>0.0</b>     |
|                             | HAL                  | Halon            | 780                  | 70.0           |
|                             |                      | Phase-Out Plan   | 645                  | 94.2           |
|                             | <b>HAL Total</b>     |                  | <b>1,425</b>         | <b>164.2</b>   |
|                             | MBR                  | Fumigant         | 9,662                | 731.0          |
| <b>MBR Total</b>            |                      | <b>9,662</b>     | <b>731.0</b>         |                |
| TCA                         | Phase-Out Plan       | 108              | 3.9                  |                |
|                             | Solvent              | 1,544            | 54.6                 |                |
| <b>TCA Total</b>            |                      | <b>1,652</b>     | <b>58.5</b>          |                |
| <b>Investment Total</b>     |                      | <b>90,251</b>    | <b>12,032.9</b>      |                |
| Non-Investment              | CFC                  | Aerosol MDI      | 370                  | 30.6           |
|                             |                      | Foam             | 90                   |                |
|                             |                      | Refrigeration    | 1,767                | 83.9           |
|                             |                      | Several          | 14,889               | 307.3          |
|                             | <b>CFC Total</b>     |                  | <b>17,117</b>        | <b>421.8</b>   |
|                             | CTC                  | Several          | 377                  | 29.0           |
|                             |                      | Solvent          | 224                  | 0.4            |
|                             | <b>CTC Total</b>     |                  | <b>601</b>           | <b>29.4</b>    |
|                             | MBR                  | Fumigant         | 821                  | 36.8           |
|                             | <b>MBR Total</b>     |                  | <b>821</b>           | <b>36.8</b>    |
| <b>Non-Investment Total</b> |                      | <b>18,539</b>    | <b>488.0</b>         |                |
| <b>Grand Total</b>          |                      | <b>108,790</b>   | <b>12,520.9</b>      |                |

### **Countries included in business plans for funding in 2003**

41. The three-year phase-out plan identifies essentially three groups of countries: those with additional phase-out needs to achieve the 2005 and 2007 controls, those with additional phase-out needs to achieve the 2007 controls, and those that do not require additional phase-out approval to achieve the 2007 controls.

42. Activities are planned in all non-LVC countries for which a CFC phase-out need was identified in the three-year phase-out plan. For LVCs, the Executive Committee has approved RMPs or RMP updates for all but eight countries. Activities are planned to be submitted in 2003 for all of these countries.

43. The business plans include activities for all countries that need additional methyl bromide phase-out to achieve the 2005 controls except Bosnia and Herzegovina and Yemen. A total phase-out plan is being prepared for Bosnia and Herzegovina that should also address the methyl bromide sector and project preparation has been approved for Germany to prepare a methyl bromide project for Yemen.

44. Activities were included in the business plans for all countries with a CTC or TCA consumption greater than 10 ODP tonnes. UNEP was asked to communicate with representatives of countries with CTC or TCA consumption below 10 ODP tonnes to ensure that the reported consumption did not include exempted uses.

### **SECTION III: RESOURCE ALLOCATION**

45. The budget for the triennium 2003-2005 was decided by the Fourteenth Meeting of the Parties in the amount of US \$573 million (Decision XIV/39). The Financial Planning document (UNEP/OzL.Pro/ExCom/39/7) proposes a resource allocation for 2003 amounting to US \$224 million.

46. Table 7 presents by agency the funds required for new activities, approved multi-year agreements, and other funding of standard activities. It shows that, for example, bilateral cooperation in 2003 amounts to US \$8.6 million but an additional US \$6.4 million is budgeted for potential bilateral cooperation that was not submitted as part of business plans.

Table 7

## RESOURCE ALLOCATION AND 2003 BUSINESS PLANS\* (US \$000s)

| Item                           | IBRD          |               |               | UNDP          |               |               | UNEP          |               |               | UNIDO         |               |               | Bilateral    |              |              | Total          |                |                |
|--------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|--------------|--------------|--------------|----------------|----------------|----------------|
|                                | 2003          | 2004          | 2005          | 2003          | 2004          | 2005          | 2003          | 2004          | 2005          | 2003          | 2004          | 2005          | 2003         | 2004         | 2005         | 2003           | 2004           | 2005           |
| Planned New Activities         | 24,048        | 26,829        | 28,320        | 24,277        | 6,868         | 3,546         | 5,431         | 4,199         | 1,833         | 35,058        | 39,303        | 36,120        | 6,546        | 7,873        | 4,961        | 95,361         | 85,070         | 74,780         |
| Approved Multiple Year         | 70,122        | 59,380        | 45,777        | 25,261        | 20,727        | 13,910        |               |               |               | 9,729         | 5,273         | 4,983         | 1,939        | 951          | 642          | 107,051        | 86,331         | 65,312         |
| Institutional Strengthening    | 1,254         | 398           | 1,254         | 2,042         | 2,547         | 2,042         | 3,260         | 1,626         | 3,681         | 245           | 1,222         | 564           | 80           | 80           |              | 6,880          | 5,873          | 7,541          |
| Secretariat ExCom Cost         |               |               |               |               |               |               |               |               |               |               |               |               |              |              |              | 3,754          | 3,904          | 4,060          |
| UNEP CAP                       |               |               |               |               |               |               | 6,549         | 6,812         | 7,084         |               |               |               |              |              |              | 6,549          | 6,812          | 7,084          |
| Agency Core Unit               | 1,500         | 1,500         | 1,500         | 1,500         | 1,500         | 1,500         |               |               |               | 1,500         | 1,500         | 1,500         |              |              |              | 4,500          | 4,500          | 4,500          |
| <b>Total</b>                   | <b>96,924</b> | <b>88,107</b> | <b>76,851</b> | <b>53,080</b> | <b>31,642</b> | <b>20,998</b> | <b>15,240</b> | <b>12,636</b> | <b>12,598</b> | <b>46,532</b> | <b>47,297</b> | <b>43,167</b> | <b>8,565</b> | <b>8,904</b> | <b>5,603</b> | <b>224,095</b> | <b>192,490</b> | <b>163,278</b> |
| Proposed Budget                |               |               |               |               |               |               |               |               |               |               |               |               |              |              |              | 224,000        | 191,000        | 158,000        |
| Difference                     |               |               |               |               |               |               |               |               |               |               |               |               |              |              |              | -95            | -1,490         | -5,278         |
| Potential Additional Bilateral |               |               |               |               |               |               |               |               |               |               |               |               |              |              |              | -6,435         | -6,096         | -9,397         |
| Difference with more Bilateral |               |               |               |               |               |               |               |               |               |               |               |               |              |              |              | -6,530         | -7,586         | -14,675        |

47. Table 7 also indicates that the planned value of activities in each year of the triennium exceeds the approved budget. The proposed 2003 budget (US \$224 million) is exceeded by US \$6.5 million. If no additional bilateral activities are submitted that were not included in the business plans, the planned activities would effectively match the budget. In the years 2004 and 2005, the value of planned activities exceeds the budget by US \$7.6 million and US \$14.7 million, respectively.

#### SECTION IV: IMPLEMENTATION OF ONGOING ACTIVITIES

48. The document on the three-year phase-out plan submitted to the 38<sup>th</sup> Meeting (UNEP/OzL.Pro/ExCom/38/58) noted that there was a significant amount of phase-out to be achieved during the 2003-2005 triennium from approved but unimplemented projects and ongoing multi-year agreements. Following the 38<sup>th</sup> Meeting, the updated model indicates that an additional 177,037 ODP tonnes are to be phased out from approved or ongoing multi-year agreements for 2003 - 2005.

49. Table 8 presents the ODS phase-out included in business plans for ongoing multi-year agreements as compared to the planned phase-out to be submitted for approval during the triennium. The table indicates that the major effort in terms of phase-out during this triennium is for the implementation of projects instead of the approval of new phase-out.

**Table 8**

#### PROFILE OF ODS PHASE-OUT FROM ONGOING ACTIVITIES

| Agency     | Phase-out from approved and committed activities |        |        |         | Phase-out planned (New Activities)* |        |        |        |
|------------|--|--------|--------|---------|-------------------------------------|--------|--------|--------|
|            | 2003   | 2004   | 2005   | Total   | 2003                                | 2004   | 2005   | Total  |
| Bilateral  | 97   | 55     | 50     | 202     | 235                                 | 344    | 180    | 759    |
| UNDP       | 5,684  | 7,677  | 4,556  | 17,916  | 3,398                               | 1,142  | 731    | 5,271  |
| UNEP       | 17   | 56     | 33     | 106     | 209                                 | 104    | 113    | 427    |
| UNIDO      | 7,053  | 4,649  | 4,442  | 16,144  | 5,461                               | 6,511  | 5,967  | 17,939 |
| World Bank | 20,747   | 19,814 | 37,205 | 77,766  | 3,053                               | 6,395  | 7,466  | 16,915 |
| Total      | 33,599   | 32,250 | 46,285 | 112,134 | 12,357                              | 14,496 | 14,458 | 41,310 |

\*Excluding phase-out for halon.

50. The business plans indicate that 112,134 ODP tonnes would be phased out from the approved and ongoing activities. Agencies indicated that an additional 91,967 ODP tonnes would be phased out after 2005. Implementing agencies provided sections in their business plans on expediting project implementation as well as a country-by-country review of their efforts to implement ongoing projects. In general, agencies plan to deploy staff in local offices where possible, implement web-based management information systems, coordinate with national ozone units, hire additional staff in some cases, and streamline procedures.

## **SECTION V: PERFORMANCE INDICATORS**

51. Implementing agencies provided performance indicators in their business plans. The sum of the level of phase-out and the amount of funds to be disbursed by the implementing agencies has been used as targets for the Multilateral Fund. Therefore, the phase-out target for the Multilateral Fund for the year 2003 is 33,599 ODP tonnes and the funds disbursed target is US \$121 million.

## **SECTION VI: OBSERVATIONS ON THE BUSINESS PLANS**

52. As indicated in the comments on the individual business plans, there remain some activities that are not consonant with the phase-out requirements of the three-year phase-out plan. The plans also include some activities for countries for which no additional approvals are needed to achieve the 2005 and 2007 control measures in consumption and production.

53. The business plans exceed the budget each year. The Executive Committee should closely monitor the extent to which projects approved from the 2003 business plan reflect the planned values and phase-out. If projects are approved at levels below that indicated in the business plans, additional funds may be made available for accelerating phase-out and maintaining momentum. However, funds for such activities may not become available until 2004.

54. To achieve compliance in all Article 5 countries, implementing agencies will need to take measures to expedite project implementation since agencies need to phase-out 177,037 ODP tonnes from approved projects and ongoing multi-year agreements.

### **Recommendations**

The Fund Secretariat recommends that the Monitoring, Evaluation, and Finance Sub-Committee consider recommending to the Executive Committee to:

1. Note the Consolidated 2003 Business Plan of the Multilateral Fund as contained in UNEP/OzL.Pro/ExCom/39/8.
2. Adopt 2003 phase-out targets of 22,936 ODP tonnes for consumption and 10,663 ODP tonnes for production, and a 2003 disbursement target of US \$121 million for activities financed by the Multilateral Fund.





## Annex I

## NEW MULTI-YEAR ACTIVITIES

| Country             | Agency  | LVC     | Type | Chemical/<br>Substance | Sector and Sub-Sector                                  | Value<br>(\$000)<br>in 2003 | ODP in<br>2003 | Value<br>(\$000) in<br>2004 | ODP in<br>2004 | Value<br>(\$000) in<br>2005 | ODP in<br>2005 | Value<br>(\$000)<br>after<br>2005 | ODP<br>after<br>2005 |
|---------------------|---------|---------|------|------------------------|--|-----------------------------|----------------|-----------------------------|----------------|-----------------------------|----------------|-----------------------------------|----------------------|
| Algeria             | Germany | Non-LVC | PHO  | CFC                    | Refrigeration - Terminal CFC Phase-out Management Plan | 200                         | 17.0           | 500                         | 42.0           | 500                         | 42.0           |                                   |                      |
| Angola              | Germany | NDR     | PHO  | CFC                    | Refrigeration - Terminal CFC Phase-out Management Plan | 100                         |                | 250                         |                | 250                         |                |                                   |                      |
| Cuba                | Germany | Non-LVC | PHO  | CFC                    | Refrigeration - Terminal Phase-Out Management Plan     | 50                          |                | 150                         |                |                             |                |                                   |                      |
| India               | Germany | Non-LVC | PHO  | CFC                    | Refrigeration - Service Sector Phase Out Plan          | 744                         |                | 1,135                       |                | 1,153                       |                |                                   |                      |
| Iran                | Germany | Non-LVC | PHO  | CFC                    | Foam Sector Phase-Out Strategy                         | 300                         | 21.0           | 1,500                       | 107.0          | 1,500                       | 107.0          |                                   |                      |
| Mauritius           | Germany | LVC     | PHO  | CFC                    | Refrigeration - Terminal Phase-Out                     | 80                          |                | 59                          |                |                             |                |                                   |                      |
| Namibia             | Germany | LVC     | PHO  | CFC                    | Refrigeration - Terminal Phase-Out                     | 50                          |                | 200                         |                | 100                         |                |                                   |                      |
| Papua New Guinea    | Germany | LVC     | PHO  | CFC                    | Refrigeration - Terminal Phase-Out                     | 270                         |                | 330                         |                | 320                         | 30.9           |                                   |                      |
| Antigua and Barbuda | IBRD    | LVC     | PHO  | CFC                    | CFC Phase-out plan                                     | 0                           |                | 61                          | 9.0            | 0                           |                | 13                                | 2.0                  |
| Brazil              | IBRD    | Non-LVC | PHO  | CTC                    | CTC Phase-out plan                                     | 2,306                       | 165.0          | 1,720                       | 123.0          | 866                         | 62.0           | 866                               | 62.0                 |
| China               | IBRD    | Non-LVC | PHO  | CTC                    | Process Agents Phase-out Plan (Phase II)               |                             |                |                             |                | 10,750                      | 1,000.0        | 32,250                            | 4,500.0              |
| Ecuador             | IBRD    | LVC     | PHO  | CFC                    | CFC Phase-out plan                                     | 989                         | 153.7          | 667                         | 102.5          | 0                           |                | 290                               | 45.2                 |
| India               | IBRD    | Non-LVC | INV  | CTC                    | Production CTC closure                                 | 5,913                       | 1,100.0        | 10,750                      | 2,000.0        | 5,375                       | 1,000.0        | 5,375                             | 1,000.0              |
| India               | IBRD    | Non-LVC | PHO  | CTC                    | CTC Phase-out plan                                     | 8,600                       | 1,047.0        | 8,600                       | 3,173.8        | 8,600                       | 4,772.0        | 8,600                             | 1,587.0              |
| Indonesia           | IBRD    | Non-LVC | PHO  | CFC                    | Foam Phase-out Plan                                    | 1,158                       | 100.0          | 1,493                       | 129.3          | 579                         | 50.0           | 579                               | 50.0                 |
| Philippines         | IBRD    | Non-LVC | PHO  | MBr                    | Fumigants Phase-out plan                               | 0                           |                | 76                          | 6.7            | 0                           |                | 283                               | 26.0                 |
| Thailand            | IBRD    | Non-LVC | PHO  | MBr                    | Fumigants Phase-out plan                               | 387                         | 36.4           | 387                         | 36.4           | 0                           |                | 989                               | 92.0                 |
| Venezuela           | IBRD    | Non-LVC | INV  | CFC                    | Production CFC closure                                 | 0                           |                | 2,903                       | 764.0          | 2,150                       | 500.0          | 2,150                             | 500.0                |
| Vietnam             | IBRD    | Non-LVC | PHO  | CFC                    | CFC Phase-out plan                                     | 0                           |                | 172                         | 19.6           | 0                           |                | 636                               | 75.0                 |
| Bangladesh          | UNDP    | Non-LVC | PHO  | CFC                    | Phaseout plan CFC phase out plan                       | 506                         | 94.2           | 150                         | 27.9           | 150                         | 27.9           | 0                                 | 0.0                  |
| Bangladesh          | UNDP    | Non-LVC | PHO  | CTC                    | Solvent Sectoral phaseout plan                         | 86                          | 5.7            | 0                           | 0.0            | 0                           | 0.0            | 0                                 | 0.0                  |
| Bangladesh          | UNDP    | Non-LVC | PHO  | TCA                    | Solvent Sectoral phaseout plan                         | 55                          | 0.6            | 0                           | 0.0            | 0                           | 0.0            | 0                                 | 0.0                  |
| Colombia            | UNDP    | Non-LVC | PHO  | CFC                    | Phaseout plan CFC phase out plan                       | 2,150                       | 428.4          | 1,613                       | 321.3          | 1,075                       | 214.2          | 0                                 | 0.0                  |
| Dominican Republic  | UNDP    | Non-LVC | PHO  | CFC                    | Phaseout plan CFC phase out plan                       | 806                         | 150.0          | 538                         | 100.0          | 538                         | 100.0          | 0                                 | 0.0                  |
| Dominican Republic  | UNDP    | Non-LVC | PHO  | CTC                    | Solvent Sectoral phaseout plan                         | 435                         | 29.0           | 0                           | 0.0            | 0                           | 0.0            | 0                                 | 0.0                  |
| Dominican Republic  | UNDP    | Non-LVC | PHO  | TCA                    | Solvent Sectoral phaseout plan                         | 55                          | 2.4            | 0                           | 0.0            | 0                           | 0.0            | 0                                 | 0.0                  |
| India               | UNDP    | Non-LVC | PHO  | CFC                    | Aerosol Inhalant drug products                         | 0                           | 0.0            | 1,388                       | 183.8          | 500                         | 66.2           | 0                                 | 0.0                  |
| India               | UNDP    | Non-LVC | RMP  | CFC                    | Refrigeration Refrigerant management plan              | 0                           | 0.0            | 600                         | 120.0          | 600                         | 120.0          | 0                                 | 0.0                  |

| Country                 | Agency | LVC     | Type | Chemical/<br>Substance | Sector and Sub-Sector                            | Value<br>(\$000)<br>in 2003 | ODP in<br>2003 | Value<br>(\$000) in<br>2004 | ODP in<br>2004 | Value<br>(\$000) in<br>2005 | ODP in<br>2005 | Value<br>(\$000)<br>after<br>2005 | ODP<br>after<br>2005 |
|-------------------------|--------|---------|------|------------------------|--|-----------------------------|----------------|-----------------------------|----------------|-----------------------------|----------------|-----------------------------------|----------------------|
| Lebanon                 | UNDP   | Non-LVC | PHO  | CFC                    | Phaseout plan CFC phase out plan                 | 0                           | 0.0            | 229                         | 30.0           | 153                         | 20.0           | 0                                 | 0.0                  |
| Malaysia                | UNDP   | Non-LVC | PHO  | MeBr                   | Fumigant Methyl bromide                          | 218                         | 36.0           | 218                         | 36.0           | 0                           | 0.0            | 0                                 | 0.0                  |
| Mexico                  | UNDP   | Non-LVC | PHO  | MeBr                   | Fumigant Methyl bromide                          | 860                         | 48.0           | 860                         | 48.0           | 430                         | 24.0           | 0                                 | 0.0                  |
| Sri Lanka               | UNDP   | Non-LVC | PHO  | CFC                    | Phaseout plan CFC phase out plan                 | 218                         | 29.6           | 160                         | 21.8           | 100                         | 13.6           | 0                                 | 0.0                  |
| Sri Lanka               | UNDP   | Non-LVC | PHO  | CTC                    | Solvent Sectoral phaseout plan                   | 527                         | 40.9           | 55                          | 4.2            | 0                           | 0.0            | 0                                 | 0.0                  |
| Sri Lanka               | UNDP   | Non-LVC | PHO  | TCA                    | Solvent Sectoral phaseout plan                   | 55                          | 3.9            | 0                           | 0.0            | 0                           | 0.0            | 0                                 | 0.0                  |
| Zimbabwe                | UNDP   | Non-LVC | PHO  | MeBr                   | Fumigant Methyl bromide                          | 218                         | 15.0           | 218                         | 15.0           | 0                           | 0.0            | 0                                 | 0.0                  |
| Albania                 | UNIDO  | NDR     | PHO  | SEV                    | ODS Phase-out plan                               | 269                         | 10.0           | 538                         | 20.0           | 538                         | 20.0           | 200                               | 18.0                 |
| Argentina               | UNIDO  | Non-LVC | PHO  | CFC                    | Refrigeration, Phase-out plan                    | 269                         | 50.0           | 2,688                       | 500.0          | 2,688                       | 500.0          |                                   |                      |
| Argentina               | UNIDO  | Non-LVC | PHO  | CTC                    | Solvents, Sectoral Phase-out                     | 806                         | 74.9           | 860                         | 84.2           | 0                           | 0.0            |                                   |                      |
| Argentina               | UNIDO  | Non-LVC | PHO  | TCA                    | Solvents, Sectoral Phase-out                     | 323                         | 9.9            | 323                         | 9.8            | 0                           | 0.0            |                                   |                      |
| Bosnia &<br>Herzegovina | UNIDO  | LVC     | PHO  | SEV                    | ODS Phase-out plan                               | 269                         | 40.0           | 269                         | 40.0           | 269                         | 40.0           |                                   |                      |
| China                   | UNIDO  | Non-LVC | PHO  | MBR                    | Fumigants, Phase-out plan                        | 2,688                       | 250.0          | 2,688                       | 270.0          | 1,613                       | 150.0          | 6,988                             | 650.0                |
| Croatia                 | UNIDO  | LVC     | PHO  | CFC                    | Refrigeration, Domestic/Commercial & RMP         | 204                         | 30.0           | 204                         | 30.0           | 204                         | 30.0           |                                   |                      |
| Egypt                   | UNIDO  | Non-LVC | PHO  | CFC                    | ODS Phase-out plan                               | 0                           | 0.0            | 538                         | 100.0          | 538                         | 100.0          | 538                               | 100.0                |
| Egypt                   | UNIDO  | Non-LVC | PHO  | CTC                    | ODS Phase-out plan                               | 161                         | 15.4           | 183                         | 17.3           | 0                           |                |                                   |                      |
| Egypt                   | UNIDO  | Non-LVC | PHO  | TCA                    | ODS Phase-out plan                               | 108                         | 3.9            | 108                         | 3.9            | 0                           |                |                                   |                      |
| Guatemala               | UNIDO  | LVC     | PHO  | MBR                    | Fumigants, Phase-out plan                        | 0                           | 0.0            | 0                           | 0.0            | 1,075                       | 100.0          | 2,434                             | 220.6                |
| India                   | UNIDO  | Non-LVC | PHO  | CTC                    | Solvents, Sectoral Phase-out plan (partial)      | 4,300                       | 500.0          | 6,450                       | 1,000.0        | 0                           | 0.0            |                                   |                      |
| Iran                    | UNIDO  | Non-LVC | PHO  | CFC                    | Refrigeration, Phase-out plan                    | 323                         | 50.0           | 2,150                       | 300.0          | 2,150                       | 300.0          |                                   |                      |
| Korea, DPR              | UNIDO  | Non-LVC | PHO  | CTC                    | Solvents-Process Agents, Sectoral Phase-out Plan | 3,225                       | 400.0          | 3,225                       | 389.0          | 0                           | 0.0            |                                   |                      |
| Korea, DPR              | UNIDO  | Non-LVC | PHO  | CTC                    | Fumigation, Sectoral Phase-out Plan              | 538                         | 50.0           | 1,075                       | 110.0          | 1,451                       | 144.0          |                                   |                      |
| Korea, DPR              | UNIDO  | Non-LVC | PHO  | CFC                    | Refrigeration, Sectoral Phase-out Plan           | 484                         | 70.9           | 0                           | 0.0            | 1,075                       | 154.5          |                                   |                      |
| Libya                   | UNIDO  | Non-LVC | PHO  | SEV                    | ODS Phase-out plan                               | 1,613                       | 259.6          | 0                           | 0.0            | 1,613                       | 250.4          |                                   |                      |
| Mexico                  | UNIDO  | Non-LVC | PHO  | CFC                    | Production, CFC-closure                          | 5,375                       | 2,000.0        | 8,600                       | 2,400.0        | 10,750                      | 1,800.0        |                                   |                      |
| Mexico                  | UNIDO  | Non-LVC | PHO  | CFC                    | Refrigeration, Phase-out plan                    | 3,225                       | 581.7          | 0                           | 0.0            | 5,913                       | 1,100.0        |                                   |                      |
| Pakistan                | UNIDO  | Non-LVC | PHO  | CTC                    | Solvents, Sectoral Phase-out Plan                | 1,290                       | 133.1          | 1,398                       | 149.8          | 0                           | 0.0            |                                   |                      |
| Pakistan                | UNIDO  | Non-LVC | PHO  | CFC                    | Refrigeration, Phase-out plan                    | 215                         | 40.0           | 538                         | 100.0          | 914                         | 70.0           | 269                               | 50.0                 |
| Romania                 | UNIDO  | Non-LVC | PHO  | SEV                    | Production, CFC/CTC/MBR-closure                  | 0                           | 0.0            | 538                         | 100.0          | 1,613                       | 300.0          |                                   |                      |
| Romania                 | UNIDO  | Non-LVC | PHO  | CTC                    | Solvents & Process Agents, Phase-out Plan        | 968                         | 100.0          | 538                         | 60.0           | 0                           |                |                                   |                      |
| Turkey                  | UNIDO  | Non-LVC | PHO  | CTC                    | Solvents, Phase-out Plan                         | 538                         | 73.1           | 0                           | 0.0            | 0                           | 0.0            |                                   |                      |
| Turkey                  | UNIDO  | Non-LVC | PHO  | TCA                    | Solvents, Phase-out Plan                         | 0                           | 0.0            | 323                         | 9.0            | 0                           | 0.0            |                                   |                      |
| Venezuela               | UNIDO  | Non-LVC | PHO  | CFC                    | ODS Phase-out plan                               | 1,075                       | 200.0          | 968                         | 184.0          | 1,613                       | 600.0          |                                   |                      |
| Venezuela               | UNIDO  | Non-LVC | PHO  | CTC                    | ODS Phase-out plan                               | 538                         | 50.0           | 538                         | 50.0           | 1,075                       | 100.0          |                                   |                      |
| Venezuela               | UNIDO  | Non-LVC | PHO  | TCA                    | ODS Phase-out plan                               |                             |                | 65                          | 2.8            |                             |                |                                   |                      |

## Annex II

**APPROVED MULTI-YEAR PROJECTS  
(INCLUDING AGENCY FEES)  
(US \$000)**

| Agency  | Country     | Sector  | 1998   | 1999   | 2000   | 2001   | 2002   | 2003   | 2004   | 2005   | 2006   | 2007   | 2008   | 2009   | 2010   | Total   |
|---------|-------------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|
| Canada  | Bolivia     | CFCs Phase-Out                                |        |        |        |        |        | 330    |        |        |        |        |        |        |        | 330     |
| Germany | Brazil      | CFCs Phase-Out                                |        |        |        |        | 629    | 1,159  | 1,090  | 1,090  | 266    |        |        |        |        | 4,233   |
| Germany | Kenya       | Methyl Bromide (Horticulture)                 |        |        |        |        |        | 325    | 195    |        | 130    |        |        |        |        | 649     |
| IBRD    | Argentina   | Production CFCs                               |        |        |        |        | 520    | 3,610  | 90     | 420    | 2,100  | 120    | 1,120  | 1,047  |        | 9,027   |
| IBRD    | Bahamas     | CFCs Phase-Out                                |        |        |        | 271    |        | 226    |        | 136    |        |        |        |        |        | 633     |
| IBRD    | China       | Process Agent                                 |        |        |        |        | 2,150  | 21,500 | 17,200 | 2,150  | 17,200 | 5,375  | 3,225  | 1,075  |        | 69,875  |
| IBRD    | China       | Production CFCs                               |        | 21,800 | 14,170 | 14,170 | 13,910 | 13,975 | 13,975 | 13,975 | 13,975 | 13,975 | 13,975 | 13,975 | 13,975 | 161,875 |
| IBRD    | China**     | Foam  |        |        |        |        | 10,827 | 13,685 | 11,864 | 11,864 | 3,603  | 2,917  | 1,926  | 1,926  |        | 58,612  |
| IBRD    | China**     | Halon   | 13,640 | 10,670 | 11,660 | 4,950  | 4,070  | 6,343  | 1,290  | 1,935  | 12,255 | 430    | 323    | 108    |        | 67,673  |
| IBRD    | India       | Production CFCs                               |        | 12,960 | 11,880 | 11,880 | 6,480  | 6,450  | 6,450  | 6,450  | 6,450  | 6,450  | 6,450  | 6,450  |        | 88,350  |
| IBRD    | Indonesia   | Refrigeration MAC Servicing                   |        |        |        |        | 1,492  | 1,467  | 1,467  | 137    | 136    |        |        |        |        | 4,699   |
| IBRD    | Malaysia    | CFCs Phase-Out                                |        |        |        | 1,940  | 3,228  | 2,183  | 1,831  | 1,310  | 1,099  | 298    | 298    | 298    |        | 12,487  |
| IBRD    | Philippines | CFCs Phase-Out                                |        |        |        |        | 3,107  | 2,038  | 2,346  | 3,122  | 359    | 116    |        |        |        | 11,087  |
| IBRD    | Thailand    | CFCs Phase-Out                                |        |        |        | 567    | 5,654  | 4,356  | 1,428  | 1,445  | 925    | 597    | 597    | 418    |        | 15,987  |
| IBRD    | Turkey      | CFCs Phase-Out                                |        |        |        | 3,795  | 2,675  | 1,150  | 795    | 780    | 530    | 30     | 30     | 25     |        | 9,810   |
| Sweden  | Philippines | CFCs Phase-Out (Servicing Sector)             |        |        |        |        | 164    | 179    | 42     |        |        |        |        |        |        | 385     |
| UNDP    | Argentina   | Methyl Bromide (Tobacco)                      |        |        |        | 245    | 1,674  | 502    | 502    | 502    | 502    |        |        |        |        | 3,927   |
| UNDP    | Brazil      | CFCs Phase-Out                                |        |        |        |        | 8,548  |        | 5,893  | 4,640  | 3,099  | 1,282  | 934    | 263    | 105    | 24,762  |
| UNDP    | China       | Solvent                                       |        |        | 7,425  | 7,651  | 6,963  | 6,187  | 5,972  | 6,106  | 5,434  | 5,891  | 1,591  | 1,591  | 1,591  | 56,401  |
| UNDP    | Costa Rica* | Methyl Bromide                                |        |        |        | 1,355  | 1,042  | 1,042  | 1,042  |        | 781    |        |        |        |        | 5,261   |
| UNDP    | India       | Foam  |        |        |        |        | 1,631  | 1,904  | 1,631  | 491    | 245    |        |        |        |        | 5,901   |
| UNDP    | India       | Refrigeration Manufacturing                   |        |        |        |        | 2,173  | 520    | 272    | 163    | 65     |        |        |        |        | 3,192   |
| UNDP    | Indonesia   | Refrigeration Manufacturing                   |        |        |        |        | 1,400  | 2,394  | 1,919  | 818    | 237    | 197    |        |        |        | 6,964   |
| UNDP    | Indonesia   | Refrigeration Servicing                       |        |        |        |        | 2,392  | 1,967  | 543    | 271    | 173    |        |        |        |        | 5,347   |
| UNDP    | Kenya       | Methyl Bromide (Cut Flowers)                  |        |        |        |        | 577    |        | 329    |        | 220    |        |        |        |        | 1,126   |
| UNDP    | Lebanon     | Methyl Bromide (Vegetable/Tobacco/Cut Flower) |        |        |        | 898    | 676    | 538    | 430    | 323    |        |        |        |        |        | 2,864   |
| UNDP    | Malawi*     | Methyl Bromide                                |        |        | 452    | 1,120  | 806    | 914    |        |        |        |        |        |        |        | 3,292   |

## Annex II

| Agency       | Country  | Sector                        | 1998          | 1999          | 2000          | 2001          | 2002          | 2003           | 2004          | 2005          | 2006          | 2007          | 2008          | 2009          | 2010         | Total          |
|--------------|----------|-------------------------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|--------------|----------------|
| UNDP         | Nigeria  | CFCs Phase-Out                |               |               |               |               | 5,463         | 3,242          | 2,261         | 866           | 531           | 418           | 369           | 121           |              | 13,272         |
| UNIDO        | Algeria  | Refrigerant Management Plan   |               |               |               |               | 226           | 753            | 564           |               |               |               |               |               |              | 1,542          |
| UNIDO        | China    | Refrigeration Manufacturing   |               |               |               |               |               | 2,364          |               |               |               |               |               |               |              | 2,364          |
| UNIDO        | China    | Tobacco                       |               |               |               | 2,180         | 2,180         | 2,180          | 1,962         | 1,853         | 1,635         |               |               |               |              | 11,990         |
| UNIDO        | India    | Refrigeration Manufacturing   |               |               |               |               | 565           | 192            |               |               |               |               |               |               |              | 757            |
| UNIDO        | Korea    | Production                    |               |               |               | 1,412         |               | 770            |               | 513           |               |               |               |               |              | 2,695          |
| UNIDO        | Lebanon  | Methyl Bromide (Strawberries) |               |               |               | 396           | 477           | 484            | 376           | 269           |               |               |               |               |              | 2,001          |
| UNIDO        | Morocco* | Methyl Bromide                |               |               |               | 452           | 1,275         | 1,275          | 1,275         |               |               |               |               |               |              | 4,277          |
| UNIDO        | Nigeria  | CFCs Phase-Out                |               |               |               |               | 765           | 288            |               |               |               |               |               |               |              | 1,053          |
| UNIDO        | Syria*   | Methyl Bromide                |               |               |               | 339           | 378           | 262            | 203           |               |               |               |               |               |              | 1,182          |
| UNIDO        | Turkey*  | Methyl Bromide                |               |               |               | 1,120         | 1,075         | 753            | 762           |               |               |               |               |               |              | 3,710          |
| <b>Total</b> |          |                               | <b>13,640</b> | <b>45,430</b> | <b>45,587</b> | <b>54,740</b> | <b>95,191</b> | <b>107,503</b> | <b>86,000</b> | <b>61,627</b> | <b>71,947</b> | <b>38,096</b> | <b>30,838</b> | <b>27,297</b> | <b>1,696</b> | <b>679,591</b> |

\* Tranche for 2002 was not approved yet, therefore will be postponed to 2003.

\*\* Funds will be requested at the last meeting of the Executive Committee in the preceding year of the agreement.

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