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COMITÉ EJECUTIVO DEL FONDO MULTILATERAL  
PARA LA APLICACIÓN DEL  
PROTOCOLO DE MONTREAL  
Cuadragésima Octava Reunión  
Montreal, 3 al 7 de abril de 2006

**PLAN ADMINISTRATIVO DEL BANCO MUNDIAL PARA 2006-2008**

Los documentos previos al período de sesiones del Comité Ejecutivo del Fondo Multilateral para la Aplicación del Protocolo de Montreal no van en perjuicio de cualquier decisión que el Comité Ejecutivo pudiera adoptar después de la emisión de los mismos.

Para economizar recursos, sólo se ha impreso un número limitado de ejemplares del presente documento. Se ruega a los delegados que lleven sus propios ejemplares a la reunión y eviten solicitar otros.

## **COMENTARIOS Y RECOMENDACIONES DE LA SECRETARÍA DEL FONDO**

1. El Banco Mundial preparó su plan administrativo para 2006-2008 con arreglo a las Decisiones 41/93 y 47/3, 4 y 5, el cual se proporciona como anexo a este documento.

2. En este documento se presenta un resumen de las actividades del Banco Mundial previstas para la eliminación de sustancias que agotan la capa de ozono (SAO) durante el trienio 2006-2008. También proporciona indicadores de desempeño, comentarios generales y recomendaciones sobre su plan administrativo que se someten a la consideración del Comité Ejecutivo.

### **Actividades previstas para 2006-2008**

3. El plan administrativo es un plan trienal renovable. Se describen con mayor detalle las actividades previstas para 2006, pues se dispone de menos información respecto de los compromisos de actividades para 2007 y 2008, a excepción de los relacionados con los acuerdos plurianuales existentes.

#### Actividades previstas para 2006

4. El valor total de los proyectos que el Banco Mundial tiene previsto presentar en 2006 es de 83,47 millones \$EUA, que permitirán la eliminación de 29 714 toneladas PAO. El plan comprende:

- 20 acuerdos plurianuales basados en el desempeño para la eliminación sectorial y de sustancias que en conjunto se elevan a 73,59 millones \$EUA y representan una eliminación de SAO de 29 187 toneladas PAO;
- tres nuevos acuerdos plurianuales basados en el desempeño que representa una financiación de 6,77 millones \$EUA en 2006 (13,68 millones \$EUA en total para el trienio) con la correspondiente eliminación de SAO en 2006 de 495 toneladas PAO (1 051 toneladas PAO en total para el trienio);
- Un proyecto de inversión individual que se presentará en 2006 por un valor de 688 000 \$EUA;
- Cuatro proyectos de fortalecimiento institucional por un valor de 871 500 \$EUA; y
- Costos de unidad central que ascienden a 1,55 millones \$EUA.

#### Actividades previstas para 2007

5. En 2007 el Banco Mundial prevé presentar proyectos por un valor de 70,02 millones \$EUA, con la correspondiente eliminación de 17 853 toneladas PAO. Esto incluye 58,87 millones \$EUA para los acuerdos plurianuales en curso y 1,59 millones \$EUA para costos de unidad central.

#### Actividades previstas para 2008

6. En 2008 el Banco Mundial tiene previsto presentar proyectos por un valor de 43,26 millones \$EUA con la correspondiente eliminación de 10 014 toneladas PAO. Esto

comprende 39,13 millones \$EUA para acuerdos plurianuales en curso y 1,64 millones \$EUA para costos de unidad central.

### **Asignación de recursos**

7. En la Tabla 1 se resume la asignación de recursos del plan administrativo del Banco Mundial para 2006-2008.

Tabla 1

#### **ASIGNACIÓN DE RECURSOS (en miles de \$EUA)**

	<b>2006</b>	<b>2007</b>	<b>2008</b>
Nuevas actividades necesarias en el modelo de eliminación de SAO trienal	1 398	1 117	323
Nuevas actividades relativas a inhaladores de dosis medidas	5 375	7 525	1 290
Nuevas actividades	688	189	
Tramos anuales de acuerdos plurianuales aprobados	73 591	58 869	39 132
Fortalecimiento institucional	872	732	872
Unidad central del organismo	1 545	1 591	1 639
<b>Total</b>	<b>83 469</b>	<b>70 023</b>	<b>43 256</b>

8. El Banco Mundial solicita financiación por un valor de 83,47 millones \$EUA en 2006. La mayor parte de los recursos de 2006 (73,6 millones \$EUA) se asignan a tramos anuales de acuerdos plurianuales. El Banco Mundial ha incluido 688 000 \$EUA en su plan administrativo para 2006 destinados a un proyecto de metilbromuro en Ecuador que se ha clasificado como una actividad que no es imprescindible para el cumplimiento, dado que Ecuador ha recibido ayudas en 2005 para cumplir las medidas de control de metilbromuro. Este asunto se analiza más detalladamente en los párrafos 15-17 del presente documento.

9. Por otra parte, el Banco Mundial también ha incluido en su plan administrativo para 2006 el primer tramo de un proyecto sobre productos farmacéuticos en China, que se ha clasificado como “nuevas actividades relativas a inhaladores de dosis medidas”. En la reunión de coordinación de enero de 2006, se convino en que en 2006 sólo se considerarían las actividades necesarias para el cumplimiento. Esta actividad se clasificó como no necesaria para el cumplimiento de China en 2007. Sin embargo, habida cuenta de las restricciones de planificación financiera y de que China reúne los requisitos para obtener los fondos restantes a fin de cumplir el objetivo de eliminación de CFC en 2010, esta actividad se presenta en 2007. Este asunto se analiza con mayor detalle en el párrafo 19 del presente documento.

10. Para 2007, el Banco Mundial ha asignado 189 000 \$EUA a “nuevas actividades” que no son necesarias para el cumplimiento.

11. El Banco Mundial no tiene previstas “nuevas actividades” en 2008.

### **Asistencia al cumplimiento y ejecución**

12. Durante el trienio 2006-2008, el Banco Mundial prevé eliminar 74 701 toneladas PAO en el marco de acuerdos plurianuales y proyectos en curso. Asimismo, prevé eliminar otras 1 124 toneladas PAO mediante proyectos que someterá a aprobación durante ese trienio.

13. El Banco Mundial incluye en su plan administrativo una sección sobre la agilización de la ejecución de proyectos, acompañada de un anexo descriptivo por país. El Banco Mundial indicó que continuaría brindando asistencia a los países en los que realiza actividades para mantener constantes sus obligaciones de consumo y producción y cumplir las medidas de control en 2005 y 2007. Realizará su décimo taller anual para intermediarios financieros en el segundo trimestre de 2006, a fin de destacar la importancia de facilitar el cumplimiento y ejecución de planes nacionales de eliminación y en el que se discutirán cuestiones relativas a la verificación, supervisión y notificación.

14. La Secretaría del Fondo observó que el plan del Banco Mundial destinado a acelerar la ejecución de proyectos parece concentrarse en una actividad primaria, a saber, el taller anual para intermediarios financieros que se celebra en Washington D.C. Según el Banco Mundial, el taller permite a los países asistentes acelerar la ejecución de proyectos con respecto a otros países. El éxito del taller radica en esta interacción, en que los funcionarios de gobierno descubren alternativas de ejecución y en la discusión de problemas que puedan surgir en el futuro. Los talleres se han beneficiado sistemáticamente de los comentarios positivos de los participantes. Este diálogo, que comienza en Washington D.C. continúa en cada país durante las misiones de supervisión.

### **Comentarios**

#### Proyecto de metilbromuro en Ecuador

15. Según se mencionó anteriormente, el Banco Mundial tiene previsto presentar en 2006 un proyecto de metilbromuro para Ecuador por un valor de 688 000 \$EUA. Ecuador ya dispone de un proyecto aprobado en la 38<sup>a</sup> Reunión del Comité Ejecutivo titulado “Cambio de tecnología para eliminación del bromuro de metilo en el sector de viveros de rosas”, ejecutado por el Banco Mundial. El proyecto fue aprobado en el entendimiento de que:

- a) Ecuador tenga un consumo básico de 66,2 toneladas PAO;
- b) Ecuador mantenga el cumplimiento con el congelamiento de bromuro de metilo durante 2003 y 2004;
- c) Un 56 por ciento del consumo básico de bromuro de metilo se lograra mediante la ejecución del proyecto, lo cual llevará el nivel nacional de consumo de usos controlados de bromuro de metilo a un nivel máximo de 29 toneladas PAO para enero de 2005;
- d) El Gobierno de Ecuador se comprometa a sostener en forma permanente esta reducción al nivel máximo de consumo de sustancias controladas de bromuro de

metilo (29 toneladas PAO) mediante la ejecución del proyecto y el uso de restricciones de importación y otras políticas que puedan considerarse necesarias; y

- e) El Banco Mundial informara anualmente al Comité Ejecutivo sobre el avance del proyecto y en forma completa en 2006, una vez que el proyecto haya sido terminado y se haya logrado la eliminación gracias al proyecto.

16. La Secretaría del Fondo informó al Banco Mundial que Ecuador no necesita más ayudas para cumplir las reducciones de 2005. El Banco Mundial indicó que en una encuesta realizada en 2005 se descubrió que se había importado metilbromuro con diferentes códigos aduaneros. En consecuencia, el país está preocupado por el cumplimiento y, por tanto, es necesario un proyecto para mantener su situación de cumplimiento.

17. La Secretaría del Fondo preguntó también si el proyecto planificado en 2006 sería un proyecto de eliminación total que contempla una eliminación acelerada de metilbromuro. El Banco Mundial dijo que todavía no se ha discutido la posibilidad de aplicar un calendario de eliminación acelerada. Cabe observar, que en el estudio sobre reabastecimiento para 2006-2008 no se consideró que la eliminación de metilbromuro necesaria en 2015 fuera un requisito para el cumplimiento en 2006-2008. Es más, el plan de eliminación trienal presentado a la 47<sup>a</sup> Reunión no incluía ninguna actividad de eliminación de metilbromuro, aparte de aquellas necesarias para cumplir las medidas de control en 2005. El Comité Ejecutivo pudiera considerar oportuno mantener el proyecto de Ecuador en el plan administrativo para 2006-2008 habida cuenta de las necesidades de cumplimiento y los compromisos por parte de Ecuador de adelantar considerablemente la eliminación de metilbromuro en el país antes de 2015.

#### Proyecto relativo a productos farmacéuticos en China

18. Según se dijo anteriormente, se ha solicitado al Banco Mundial y a los demás organismos de ejecución que aplacen hasta 2007 ó 2008 los proyectos que no son necesarios para el cumplimiento de las medidas de control de CFC en 2007. Tras la reunión de coordinación en la que se debatió este asunto, el Banco informó a la Secretaría que el proyecto relativo a productos farmacéuticos era necesario para ayudar a China a cumplir sus obligaciones dimanantes del plan de eliminación de CFC acelerado aprobado por el Comité Ejecutivo en su 44<sup>a</sup> Reunión. Este proyecto es necesario porque el plan de eliminación acelerado interrumpe toda la producción de CFC el 30 de junio de 2007, salvo la necesaria para la producción de inhaladores de dosis medidas. Por consiguiente, este proyecto abarca aerosoles farmacéuticos distintos de los inhaladores de dosis medidas. El Banco Mundial tiene previsto presentar el proyecto en la última reunión de 2006 del Comité Ejecutivo. El Comité Ejecutivo pudiera examinar este proyecto en 2006 habida cuenta de que guarda relación con la eliminación acelerada de CFC en China, si se dispone de fondos suficientes.

#### Estudio sobre la eliminación de tetracloruro de carbono en el sector de cloruros alcalinos

19. De conformidad con lo convenido en la reunión de coordinación de dar prioridad en 2006 a las actividades necesarias para el cumplimiento, el Banco Mundial aceptó aplazar de 2006 a 2007 un estudio sobre la eliminación de tetracloruro de carbono en el sector de cloruros alcalinos. El Comité Ejecutivo ha pedido al Banco Mundial que准备 ese estudio, al que se hace referencia en la Decisión 47/39, cuando apruebe un proyecto de tetracloruro de carbono que ha de ejecutar el Banco

Mundial en Colombia (COL/PAG/47/INV/64). Cabe observar, que el Banco Mundial solicita que se transfiera este proyecto a la ONUDI en la presente reunión. Como consecuencia, la Secretaría del Fondo pidió al Banco Mundial que describiera el enfoque adoptado en el estudio, la duración del proyecto y la relación que existe entre el estudio y el cumplimiento.

20. El Banco Mundial indicó que ya ha previsto encargar un estudio teórico para evaluar las alternativas de conversión del tetracloruro de carbono utilizado en el sector de cloruros alcalinos en Europa y en Estados Unidos, en consonancia con la intervención de Suecia en la 47<sup>a</sup> Reunión. El Banco Mundial pretende colaborar con Suecia para preparar el mandato de este estudio. Se prevé que se tardará tres o cuatro meses aproximadamente en finalizar este estudio y que los resultados se presentarán al Comité Ejecutivo. El Banco Mundial declaró que el estudio reuniría las lecciones aprendidas y las experiencias de otros países con miras a recabar información para ayudar a países con bajos niveles de consumo de tetracloruro de carbono a los que no se les puede conceder excepciones pero que, no obstante, pueden tener dificultades para cumplir los objetivos de eliminación de esta sustancia. El Comité Ejecutivo pudiera examinar la conveniencia de presentar esta actividad en 2006, habida cuenta de su posible contribución al cumplimiento.

#### Proyecto de eliminación de cloruro de metilo en Ecuador

21. En su 45<sup>a</sup> Reunión, el Comité Ejecutivo aprobó la preparación de un proyecto para la eliminación de cloruro de metilo en Ecuador, dado que este país se encontraba en situación de incumplimiento con las medidas de control. El Banco Mundial indicó que el gobierno de Ecuador ha decidido no incluir este proyecto en el plan administrativo para 2006 sino que lo presentará en 2007, porque necesita más tiempo para elaborar un proyecto exhaustivo para este sector. Asimismo, el Banco Mundial dijo que al entrar en vigor la reglamentación para el control de importación de cloruro de metilo, no se corre el riesgo de encontrarse en situación de incumplimiento. El Comité Ejecutivo pudiera tomar nota de la solicitud de Ecuador de presentar el proyecto de eliminación de cloruro de metilo en 2007.

#### **Indicadores de desempeño**

22. En la siguiente Tabla 2, se resumen los indicadores de desempeño del Banco Mundial conforme a la Decisión 41/93.

**Tabla 2****INDICADORES DE DESEMPEÑO**

<b>Indicador</b>	<b>Objetivo para 2006</b>
Número de programas anuales de acuerdo plurianuales aprobados con respecto a los planificados	24 <sup>1</sup>
Número de proyectos/actividades individuales (proyectos de inversión, planes de gestión de refrigerantes, bancos de halones, asistencias técnicas) aprobados con respecto a los planificados	1
Actividades importantes completadas (por ejemplo, medidas en materia de política, asistencia en materia de reglamentación)/niveles SAO logrados para tramos anuales aprobados de acuerdo plurianuales con respecto a los planificados	21
SAO eliminados para proyectos individuales con respecto a los planificados en los informes sobre la marcha de las actividades	2 288 toneladas PAO
Terminación de proyectos (conforme a la Decisión 28/2 para proyectos de inversión) y según se define para proyectos ajenos a la inversión con respecto a los planificados en los informes sobre la marcha de las actividades	20 <sup>2</sup>
Porcentaje de asistencia en materia de políticas y reglamentación finalizada con respecto a la planificada	n. d.
Rapidez de conclusión financiera con respecto a la requerida según las fechas de terminación de los informes sobre la marcha de las actividades	11 meses
Presentación oportuna de los informes de terminación de proyectos en relación con los acordados	100%
Presentación oportuna de informes sobre la marcha de las actividades y respuestas a no ser que se acuerde lo contrario	100%

23. Entre el número de programas anuales aprobados que el Banco Mundial tiene previsto como objetivo, figura un acuerdo plurianual aprobado para el que no se ha presentado un programa de trabajo anual en 2006. Para estar en consonancia con los demás organismos, el objetivo del Banco Mundial debería ser de 23 programas anuales aprobados.

24. El Banco Mundial se ha fijado como objetivo finalizar 21 actividades de tramos anuales aprobados de acuerdo plurianuales con respecto a los planificados. Ahora bien, en el plan administrativo del Banco Mundial sólo figuran 20 acuerdos plurianuales aprobados para su presentación en 2006. Para estar en consonancia con los demás organismos, el objetivo del Banco Mundial debería ser la finalización de 20 actividades de acuerdos plurianuales aprobados.

25. El Banco Mundial no ha especificado su objetivo en cuanto a la prestación de asistencia en materia de política a países en 2006. Según su último informe sobre la marcha de las actividades, el Banco Mundial tiene presencia en 19 países. La Secretaría del Fondo preguntó si el Banco Mundial brinda asistencia a sus países clientes en la elaboración de políticas y reglamentación, puesto que en el Anexo I al plan administrativo de esta entidad se indica que varios países, incluidos Ecuador, Turquía y Vietnam, tienen previsto adoptar políticas o reglamentos. El Banco Mundial declaró que todos los planes nacionales y sectoriales integran actividades relacionadas con políticas y que la asistencia en materia de política es parte integrante de los proyectos del Banco Mundial y, por tanto,

<sup>1</sup> Incluye tres programas anuales de nuevos proyectos plurianuales que se someterán a la aprobación del Comité Ejecutivo en 2006.

<sup>2</sup> Representa el número de proyectos que han de completarse en 2006, lo que se traducirá en la eliminación de 2 288 toneladas PAO.

no constituye una actividad independiente. No obstante, el Banco Mundial no modificó el correspondiente indicador de desempeño.

26. Durante el periodo de cumplimiento, puede que los países necesiten asistencia en materia de política y reglamentación que quizá no pueda preverse a principios de año. El Comité Ejecutivo pudiera solicitar al Banco Mundial que indique su objetivo en cuanto a la asistencia en materia de política y reglamentación a países que la soliciten, para especificar las actividades que prevé llevar a cabo a este respecto en el marco de sus acuerdos plurianuales y proyectos aprobados.

## **RECOMENDACIONES**

27. La Secretaría del Fondo recomienda al Comité Ejecutivo que considere:

- a) Refrendar el plan administrativo del Banco Mundial para los años 2006-2008, que figura en el documento UNEP/OzL.Pro/ExCom/48/11, advirtiendo que ello no constituye la aprobación de los proyectos contenidos en dicho plan ni de sus niveles de financiación, con las modificaciones que pudieran introducirse al examinar lo siguiente:
  - i) Proyecto de metilbromuro en Ecuador que ha de presentarse en 2006;
  - ii) Estudio sobre la eliminación de tetracloruro de carbono en el sector de cloruros alcalinos que se presentará en 2007;
- b) Tomar nota de la decisión del Gobierno de Ecuador de incluir un proyecto de eliminación de cloruro de metilo en el plan administrativo del Banco Mundial para 2007 en lugar de incluirlo en el de 2006;
- c) Aprobar el proyecto relativo a productos farmacéuticos en China en la última reunión del año, si se dispone de los fondos necesarios; y
- d) Aprobar los indicadores de desempeño para el Banco Mundial que figuran en la Tabla 2 de comentarios de la Secretaría del Fondo contenidos en el documento UNEP/OzL.Pro/ExCom/48/11 y, a su vez, fijar como objetivo la aprobación de 23 proyectos anuales y la terminación de 20 actividades importantes, así como, pedir al Banco Mundial que indique su objetivo en cuanto a la asistencia en materia de política y reglamentación a países que la soliciten, para especificar las actividades que prevé llevar a cabo a este respecto en el marco de sus acuerdos plurianuales y proyectos aprobados.

## **2006 BUSINESS PLAN**

**WORLD BANK**

**INVESTMENT AND NON-INVESTMENT  
OPERATIONS FUNDED BY THE  
MULTILATERAL FUND OF THE  
MONTREAL PROTOCOL**

**Presented to the 48<sup>th</sup> Meeting  
Of the Executive Committee**

**February 21, 2006**

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### Annexes

- Annex I: Country-by-Country Review
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- Annex IV: Database of New and On-going Activities (ODP based on overall cost effectiveness)
- Annex V: Value and Year of ODP Phase-out

## **I. MULTILATERAL FUND TARGETS**

### **A. Meeting the Objectives of the Multilateral Fund**

1. The proposed 2006 Business Plan for the World Bank is prepared on the basis of the 2006-2010 Phase-out Plan for the Multilateral Fund, prepared by the Multilateral Fund Secretariat. Results of the model three-year phase-out plan, which includes all approved activities through December 2005, are summarized in Table I-1:

*Table I-1: 2006-2008 Business Plan Activities Required by Model  
(Multilateral Fund Secretariat, 2006)*

<b>Phaseout in ODP tons</b>	<b>Total ODP</b>
CFC in non-LVC countries	927.7
CFC non-LVC with plans	1,321.0
CFC in LVC countries for RMP or updates	37.0
CFC in LVC for TPMP	686.6
Halon	26.8
Methyl Bromide	66.0
CTC	536.0
TCA	23.9
<b>Total ODS to be funded</b>	<b>3,625.0</b>

2. In response to the three-year model phase-out plan, the proposed 2006 Business Plan of the World Bank includes new investment and non-investment activities that will assist Article 5 countries in reducing their consumption and production of CFCs, halons, CTC, TCA and methyl bromide. The expected impact of proposed new investment activities for 2006 is summarized in Table I-2. Information for each individual project is presented in Annex II through IV.

3. In accordance with Decision 38/66, Table I-2 also includes information on new activities for 2007 and 2008. It is important to note that activities planned for 2007 and 2008 are included on a tentative basis only, and that they may be revised during the course of implementation of the final 2006-2008 Business Plan.

*Table I-2: Expected impact of new investment activities included in proposed 2006-2008 Business Plan (ODP tonnes)*

ODP to be phased out	2006	2007	2008	Total
CFC consumption in non-LCV countries	495	546	30	<b>1,071</b>
CFC consumption in LCV countries	-	-	-	-
CFC production	-	-	-	-
MB consumption	32	-	20	<b>52</b>
CTC consumption	-	-	-	-
CTC production	-	-	-	-
TCA consumption	-	-	-	-
TCA production	-	1	-	<b>1</b>
Halon consumption	-	-	-	-
Halon production	-	-	-	-
<b>Total</b>	<b>527</b>	<b>547</b>	<b>50</b>	<b>1,124</b>

*Note: Figures include individual investment activities as well as multi-year investment plans*

4. Other than the ODP to be phased out from new investment activities proposed for the 2006-2008 period, additional phase-out will be achieved through the implementation of previously approved investment projects, sector plans and national plans. This additional phase-out is summarized in Table I-3.

*Table I-3: Impact of investment activities implemented by the World Bank approved prior to 48<sup>h</sup> Executive Committee meeting (ODP tonnes)*

ODP to be phased out	2006	2007	2008	Total
CFC consumption in non-LCV countries	9,040	2,344	548	<b>11,932</b>
CFC consumption in LCV countries	81	52	22	<b>155</b>
CFC production	9,202	13,927	7,980	<b>31,109</b>
MB consumption	-	-	-	-
CTC consumption	579	439	440	<b>1,458</b>
CTC production	7,221	9,759	10,396	<b>27,376</b>
TCA consumption	-	-	-	-
TCA production	-	-	-	-
Halon consumption	1,559	118	-	<b>1,677</b>
Halon production	1,000	-	-	<b>1,000</b>
<b>Total</b>	<b>28,682</b>	<b>26,639</b>	<b>19,386</b>	<b>74,707</b>

*Note: Figures include individual investment activities as well as multi-year investment plans*

### **Strategic approach to ODS phase-out in the proposed 2006 Business Plan**

5. **Funding of Closure Projects in the Production Sector:** The proposed 2006 Business Plan allocates US\$58.1 million (roughly 72% of the total investment deliverables for the year) to support annual work programs of the Argentina, China, India and Venezuela CFC production closure projects, the China Halon and TCA production projects, and the China and India CTC production closure activities. The total impact of the combined production closure projects in 2006 is approximately 17,423 ODP tonnes, equivalent to 65% of the impact expected from activities implemented in 2006.

6. **Sector Strategies and Terminal Phase-Out Plans:** In response to the direction provided by the Executive Committee with regards to strategic planning under the Multilateral Fund, the 2006 Business Plan includes: a) a Terminal Phaseout Management Plan (TPMP) for Tunisia; b) a Pharmaceutical Aerosol sector plan for China; and c) a methyl bromide phase-out plan for Viet Nam.

### **B. Resource Allocation**

7. The proposed 2006 Business Plan includes deliverables of 25 investment activities in 16 countries, including Antigua and Barbuda, Argentina, Bahamas, Chile, China, Ecuador, India, Indonesia, Jordan, Malaysia, The Philippines, Thailand, Tunisia, Turkey, Venezuela and Viet Nam. The total amount of funds requested for *investment activities* in the proposed 2006 Business Plan is US\$80.6 million.

8. **The total amount of deliverables in the proposed 2006 World Bank Business Plan, including investment and non investment activities amounts to US\$81.5 million** (including agency support costs). The breakdown of these deliverables is summarized in Table I-4:

*Table I-4: Summary of all activities included in proposed 2006-2008 Business Plan*

Type of activity included in proposed 2006-2008 Business Plan	Number of activities	Amount of funds requested*
Annual/Biennial Work Programs for sector/ national plans previously approved by Executive Committee	20	US\$73.16 million
New multi-year projects in China, Tunisia and Viet Nam	3	US\$6.77 million
New investment project in Ecuador	1	US\$0.69 million
Institutional Strengthening program renewals in Ecuador, The Philippines, Tunisia and Turkey	4	US\$0.86 million

(\*) Figures include agency support costs

9. The funding distribution for investment activities included in the proposed 2006 Business Plan is summarized in Table I-5, while a summary of resource allocations for the triennium is presented in Table I-6:

*Table I-5: Summary of proposed funding distribution for investment activities in proposed 2006 World Bank Business Plan*

Sector	Total amount of funds requested in 2006 (US\$ 000s)	Percent of total (%)	Estimated impact in 2006 (ODP tonnes)	Percent of total (%)
CFC consumption	14,874	18.45	8,321	30.99
· Foam	4,204	5.21	6,820	25.40
· National CFC phase-out plans	4,492	5.57	786	2.93
· Refrigeration (including MAC)	803	1.00	370	1.38
· MDI	0	0.00	0	0.00
· Aerosols	5,375	6.67	345	1.28
CFC production	24,567	30.47	9,202	34.26
CTC consumption	5,137	6.37	579	2.16
CTC production	33,087	41.04	7,221	26.89
TCA consumption	0	0.00	0	0.00
TCA consumption	0	0.00	0	0.00
Halon consumption	0	0.00	500	1.86
Halon production	430	0.53	1,000	3.72
Methyl bromide consumption	2,529	3.14	32	0.12
<b>Total</b>	<b>80,623</b>	<b>100</b>	<b>26,855</b>	<b>100</b>

Note 1: Figures include agency support costs

Note 2: Figures do not include impact of individual investment projects approved prior to 2006 that are expected to be completed in 2006

*Table I-6: World Bank's proposed resource allocation plan for 2006-2008 (in US\$000s)*

	Value (\$000) in 2006	ODP in 2006	Value (\$000) in 2007	ODP in 2007	Value (\$000) in 2008	ODP in 2008
Planned New Activities	7,461	527	8,642	547	1,613	50
Approved Multiple Year	73,162	26,394	58,869	26,340	39,162	19,231
Institutional Strengthening	858	-	732	-	872	-
Technical Assistance	-	-	-	-	-	-
Project Preparation	-	-	-	-	-	-
<b>Total</b>	<b>81,481</b>	<b>26,921</b>	<b>68,243</b>	<b>26,887</b>	<b>41,647</b>	<b>19,281</b>

Note: Figures include agency support costs

10. **The proposed 2006 Business Plan will capture an estimated 26,921 ODP tonnes at a cost effectiveness of US\$2.80/kg ODP.**

11. A request for US\$1.55 million for Core Unit Costs is included in the proposed 2006 Business Plan.

### **C. Special Initiatives**

12. **National CFC Phase-out Plans:** The proposed 2006 Business Plan includes one new TPMF for Tunisia. Activities encompassed in this plan will enable the country to meet its CFC reduction commitments by 2010.

13. **Sector Plans:** Consistent with its strategy of supporting integral sectoral approaches for ODS elimination, the Bank is submitting four new phaseout plans in the following sectors:

- Pharmaceutical Aerosols – A non-MDI pharmaceutical aerosol plan will address CFC-11 and CFC-12 consumption by the sector.
- Methyl bromide – One proposed activity will assist the Governments of Viet Nam to completely eliminate its consumption of Methyl Bromide.

## II. PLANNED BUSINESS ACTIVITIES

### A. Ongoing Activities

14. Investment projects: By the beginning of 2006, the World Bank's Montreal Protocol portfolio consists of 20 ongoing individual investment projects and 21 multi-year projects.

15. Non-Investment Projects and Activities: By the beginning of 2006, the Bank's portfolio included 18 ongoing non-investment activities, such as demonstration projects, institutional strengthening, technical assistance and training.

16. Annex I presents a country-by-country analysis of the progress and status of ongoing Montreal Protocol operations, provided by members of the various countries' task teams.

### B. Program Expansion

17. The following sections provide brief descriptions of new activities that have been included in the Bank's proposed 2006 Business Plan. Annex II summarizes ODP impact from new and from approved activities implemented during the period 2006 to 2008 and beyond. A list of all activities to be implemented during 2006-2008 and of their levels of funding is included in Annex III and IV.

#### New submissions

18. *Ecuador* - The Government of Ecuador has requested the Bank to include a methyl bromide elimination activity in its 2006 Business Plan. The project aims at eliminating all remaining consumption of methyl bromide in the country, with an estimated impact of 32 ODP tonnes.

19. *China* – The proposed 2006 Business Plan includes one new submission on behalf of the Government of China, for the phaseout of the use of CFCs by the non-MDI pharmaceutical aerosol sector. This specific sector plan will address an estimated consumption of CFC-11 and CFC-12 of 691 ODP tonnes. Project preparation funds were approved in 2004, and the project will be presented in the course of 2006.

20. The submission of this project for consideration of the Excom in 2006 is in fact necessary to assist China in meeting its obligations under the Accelerated CFC Phaseout Plan (APP) approved by the Excom at its 44th Meeting. The non-MDI part of the pharmaceutical aerosol sector is affected by the reduction targets of the APP. As per the agreement with Excom, China will stop all production of CFCs by June 30 2007, with the exception of that required for MDI production. The APP agreement allows China to produce 550 tonnes of CFCs, annually, for MDI production until January 1, 2010. On the other hand, production of CFC for non-MDI pharmaceutical aerosols will stop by June 30, 2007.

21. The APP agreement further states that an accelerated phaseout will only be feasible if the MLF approves funding for i) the servicing sector plan; and ii) the non-MDI pharmaceutical aerosol sector plan "as soon as possible" and before the deadline of the APP. The Government of China has therefore concentrated on the development of these two sector plans. The non-MDI pharmaceutical aerosol plan is currently under preparation and will be presented to the Excom at its 50th Meeting. Its approval in 2006 will be critical for China to remain in compliance with its commitments under the APP.

22. *Tunisia* – At the 42nd Executive Committee meeting, the Government of Tunisia received funds for the preparation of a Country Program Update (CPU). The CPU was presented to the Committee in 2005. Responding to the recommendations of the Executive Committee and on based on the results of the CPU, a Terminal Phaseout Management Plan (TPMP) was prepared, which will be submitted in the course of 2006.

23. *Viet Nam* – On behalf of the Government of Viet Nam, the Bank is submitting a project that aims at completely phasing out of Methyl Bromide consumption in the country. The plan will address a level of consumption of 60 ODP tonnes. The Government received project preparation funds for the development of this plan in 2004.

### **Submissions of annual or biennial work plans for approved multi-year projects**

24. As per previously approved agreements, 20 annual or biennial work plans will be submitted for the consideration of the Executive Committee in 2006. Table II-1 provides the breakdown of these work plans:

*Table II-1: Annual or biennial work programs of previously approved multi-year plans that will be submitted to the EXCOM in 2006*

<b>Approved multi-year agreement</b>	<b>Country</b>
National CFC phase out plans	Antigua and Barbuda, Bahamas, Ecuador, Malaysia, the Philippines, Thailand and Vietnam
CFC production closure	Argentina, China, India and Venezuela
Foam phaseout plan	China and Indonesia
MAC refrigeration sector plan and Commercial Refrigeration sector plan	Indonesia and Turkey
CTC and Process Agents phaseout plans	India and China
CTC production closure	China and India
Halon consumption and phaseout plans	China
Methyl Bromide phaseout plans	Thailand

**Renewal of institutional strengthening**

25. Requests for renewal of institutional strengthening programs will be submitted for Ecuador, the Philippines, Tunisia and Turkey.



**C. Measures to Expedite Implementation of Approved Projects and Those Critical to Compliance:**

26. Throughout 2006, the focus of the implementation activities involving the Bank will be primarily on: i) assisting client countries in meeting 2007 and 2010 compliance targets; and ii) assisting countries, as much as possible, in completing ongoing investment and non-investment activities that will be critical for compliance.

27. As has been the case for the last decade, the World Bank will continue to work closely to assist its Article 5 client countries in sustaining their consumption and production freeze obligations, achieving the required 85% production and consumption reductions of Annex A chemicals in 2007, and fulfilling all other obligations to the Montreal Protocol that are due by 2010. The Bank will work closely with countries to ensure timely implementation of approved projects.

28. The Bank will conduct its Tenth Annual Financial Intermediaries workshop in the second semester of 2006. The focus of this year's workshop will be compliance with 2007 obligations and completion of ongoing activities. Other topics that will be covered in the 2006 workshop include a review of the implementation of national phaseout plans, focusing on verification issues, monitoring and reporting requirements.

### III. PERFORMANCE INDICATORS

29. As per Decision 41/93, the following performance indicators are included in the World Bank's 2006 Business Plan:

#### A. Quantitative Performance Indicators

##### 30. Approval Performance Indicators

- a) Number of annual programs of multi-year agreements approved vs. those planned (Weighting: 20)

*Table III-1: Number of annual programs of multi-year agreements planned for 2006*

Item	Planned for 2006
Annual Work Programs of previously approved multi-year agreements to be presented to EXCOM in 2006	20
Approved multi-year agreements for which no Annual Work Program will be submitted to EXCOM in 2006	1
New multi-year agreements that will be submitted for consideration of EXCOM	3

- b) Number of individual projects/activities (investment projects, RMPs, halon banks, TAS) approved vs. those planned. (Weighting: 20)

*Table III-2: Number of individual projects/activities planned for 2006*

Item	Planned for 2006
New individual investment activities to be presented to EXCOM	1
New institutional strengthening renewals to be presented to EXCOM	4
New technical assistance activities to be presented to EXCOM	0

##### 31. Implementation Performance Indicators

- a) Activities completed/ODS levels achieved for approved multi-year annual tranches vs. those planned. (Weighting: 20)

In the year 2006, the World Bank expects to complete every milestone of its 21 approved multi-year agreements, including ODP phased out and policy milestones. The Bank also expects the approval of three new multi-year agreements that will be submitted to the Executive Committee in 2006.

b) ODP phased-out for individual projects vs. that planned per progress reports (Weighting: 5)

In the year 2006, the World Bank expects to phaseout a total 2,288 ODP tonnes through implementation and completion of ongoing individual projects.

c) Project completion (pursuant to Decision 28/2 for investment projects) and as defined for non-investment projects vs. those planned in progress reports (Weighting: 5)

In 2006, the World Bank expects to complete 20 individual projects, including investment and non-investment activities.

d) Percentage of policy/regulatory assistance completed vs. those planned (Weighting: 10)

Not applicable. No stand-alone policy activities were included in the World Bank's Business Plan of 2006.

## 32. Administrative Performance Indicators

a) Speed of financial completion vs. that required per progress report completion dates (Weighting: 10)

The Bank expects to achieve financial completion of its projects within an average 11 months from the required date.

b) Timely submission of project completion reports (Weighting: 5)

The Bank plans to submit project completion reports of all projects that are completed between July 1, 2005 and June 30, 2006, by the end of 2006.

c) Timely submission of progress reports and responses unless otherwise agreed (Weighting: 5)

The Bank plans to submit its 2005 Progress Report on May 1, 2006 or at least eight weeks before the subsequent meeting of the Executive Committee, whichever is the earlier.

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33. A summary of the World Bank's 2006 performance indicators is included in Table III-3, below.

*Table III-3 – Summary of World Bank's performance indicators*

<b>Category of Performance Indicator</b>	<b>Item</b>	<b>Weighting</b>	<b>2006 Target</b>
Approval	Number of annual programs of multi-year agreements approved vs. those planned	20	24/24 <sup>(1)</sup>
Approval	Number of individual projects/activities (investment projects, RMPs, halon banks, TAS) approved vs. those planned	20	1/1
Implementation	Activities completed/ODS levels achieved for approved multi-year annual tranches vs. those planned	20	21/21
Implementation	ODP phased-out for individual projects vs. that planned per progress reports	5	2,288 ODP tonnes
Implementation	Project completion (pursuant to Decision 28/2 for investment projects) and as defined for non-investment projects vs. those planned in progress reports	5	20 <sup>(2)</sup>
Implementation	Percentage of policy/regulatory assistance completed vs. those planned	10	N/A
Administrative	Speed of financial completion vs. that required per progress report completion dates	10	11 months
Administrative	Timely submission of project completion reports	5	100%
Administrative	Timely submission of progress reports and responses unless otherwise agreed	5	100%

(1) Includes three annual programs of new multi-year projects expected to be approved by EXCOM in 2006

(2) Represents the number of projects expected to be completed in 2006, which will lead to an expected phaseout of 2,288 ODP tonnes

#### IV. POLICY ISSUES

##### *Financial planning for the 2006-2008 triennium*

34. During an inter-agency coordination meeting that took place in Montreal in January 23-24, 2006 the MLF Secretariat informed implementing agencies of potential financial constraints in 2006, and thus asked agencies to make efforts to address financial planning in their 2006-2008 business plans. Agencies agreed to give priority in 2006 to compliance-required activities, including approved multi-year agreements and new activities needed for compliance as per the MLF's three year phaseout model. It was also agreed that activities not required for compliance would be deferred to 2007 and 2008.

35. After consulting with the pertinent countries, the World Bank has complied with the agreements reached during the interagency coordination meeting by postponing to 2007 the following activities, which would have been submitted in 2006 if no cash flow issues had arisen. Should additional funds become available the Excom may wish to consider these activities in 2006:

- a) *Vietnam HCFC survey* – A request for funds to conduct a survey of HCFC uses in Vietnam has been postponed to 2007.
- b) *Global CTC phaseout in the chlor-alkali sector* – At the 47th Meeting of the Excom, the World Bank was requested to examine technologies and eventual sector plans relevant to the phaseout of CTC in the production of chlorine, with a view to identifying cost-effective alternatives for the conversion of the chlor-alkali sector (Decision 47/39). The Bank proposes to defer to 2007 a request for funds to carry out a global study that would address the concerns of the Excom.

36. At the coordination meeting, the World Bank agreed to defer to 2007 the submittal of a second project on behalf of the Government of Ecuador, namely the Methyl Bromide elimination project. The Government of Ecuador also received preparation funds in 2005 for the development of this project, which aims at eliminating all remaining consumption of methyl bromide in the country, with an estimated impact of 32 ODP tons. This project was originally not believed to be an activity needed for compliance. However, upon consultation with the Government, it was in fact established that there are significant risks that the country may be in non-compliance with respect to its Methyl Bromide obligations in 2006. In fact, results from the survey work that has been conducted under project preparation show that illegal Methyl Bromide trade may be increasing. The Government will address this problem through the new project and has thus urged the Bank to submit it for consideration of the Excom in 2006. Given that this is an activity that may be required for compliance, it has been included in the Bank's 2006 Business Plan.

##### *HCFC and ODS destruction activities*

37. The World Bank has chosen not to include any activity related to HCFC phaseout or to ODS destruction in its 2006-2008 Business Plan until guidance from the Excom and

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from the Parties has been provided on these matters. The Bank believes that it is premature and inappropriate for implementing agencies to include such activities in their 2006-2008 Business Plans, in light of: i) the current financial constraints of the MLF and the need to prioritize, in this triennium, financing of activities that will be critical for compliance; ii) the lack of guidelines, either from the Parties or from the Excom, on the scope and the eligibility of potential projects addressing either topic; iii) the limited amount of information, at a global and at a country-level, which would allow the development of strategic and cost-effective initiatives to address both the phaseout of HCFCs and the options for management and potential disposal of ODS stocks.

38. Specifically with regards to projects focusing on ODS destruction, the Bank believes that it would not be effective to embark in the development of strategies for ODS destruction with client countries without having determined, among others: i) estimates of the volume of ODS that will require ultimate disposal, at the regional and at the global level, in order to consider, if appropriate, the option of establishing regional disposal facilities; ii) the existing installed destruction capacity in developed and developing countries, and the potential for using those facilities over time for the disposal of a *finite* volume of unwanted and unusable ODS; iii) the need to put in place additional destruction capacity and the potential sources of funding to construct, update and operate environmentally sound facilities that meet adequate discharge standards; iv) the future use of new or upgraded destruction facilities once all ODS stocks have been disposed; and v) alternatives for financing activities involving locating, collecting, transporting and disposing of ODS stocks. The Bank believes that the technical complexity associated with ODS destruction, the costs entailed and the potential environmental liabilities that this topic involves make it difficult to engage in a strategic dialogue with countries, in the absence of guidelines from the Executive Committee. Once the scope of destruction activities eligible for financing under the MLF has been defined, the Bank will be able to develop country and regional strategies that can possibly be linked to ongoing waste and hazardous waste management projects or to initiatives under the Stockholm, Basel and Rotterdam Conventions.

39. In March 2006, the Fund Secretariat will hold an experts meeting to address the extent of current and future requirements for the collection and disposal of non-reusable and unwanted ODS. Recommendations from this workshop will be presented to the 48<sup>th</sup> Excom Meeting. It is likely that following discussions at the 48<sup>th</sup> Meeting, agencies will receive more concrete directions on the type of activities that may be financed under the guidelines of the Montreal Protocol. Until those guidelines have not been issued, and given the fact that disposal activities will not impact on countries' compliance in this triennium or in the future, the Bank has chosen not to include them in its proposed 2006-2008 Business Plan. The Bank will intensify its ongoing dialogue on waste management and disposal issues with China, Ecuador, Chile, Jordan, Malaysia, Thailand, Tunisia and Turkey, once clear directives from the Excom have been issued or when the disposal of unwanted ODS becomes a critical issue to countries' ability to meet their obligations of the Protocol. The Bank would then develop concrete proposals, following a programmatic approach, to address this issue in a cost-effective and sustainable manner.

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40. On the issue of HCFC phaseout activities, the Bank has a comparable position. The Bank believes that the uncertainties surrounding HCFCs, such as: i) accelerated phaseout schedules proposed by some European Union countries; ii) global HCFC market trends, as feedstock and as substitute; iii) availability of funds, under the MLF, for HCFC phaseout in Article 5 countries; iv) potential commitments that Article 5 countries may need to make in order to receive financing for HCFC phaseout; and others, are currently too significant to allow the development of strategic and far-reaching country-level projects. The Executive Committee will provide some additional guidance on this topic once HCFC surveys in China and in other countries have been completed. At present, and in absence of findings from earlier surveys already approved by the Excom or of specific guidelines from the Excom, the Bank believes that it is too early to include HCFC phaseout activities in its proposed Business Plan for this triennium. Given the dynamics of the HCFC issue, the Bank and its client countries will, however, continue to monitor the situation and may include this type of activities in the subsequent years of this triennium. This is to ensure that the Bank's client countries will be able to maintain their ability to contribute to the overall objectives of the Montreal Protocol with minimum adverse impact to their economies.

#### *Delays in the submission of Annual Work Plans by lead agencies*

41. In 2005, The World Bank prepared two Annual Work Programs (AWPs) for its Foam and MAC phaseout projects in Indonesia. As per the established procedure, these AWPs were subsequently sent to UNDP, the lead agency of the overall CFC phaseout plan in Indonesia. Delays in the preparation of the country's consumption verification report for 2004 prevented UNDP's timely submission of the overall CFC phaseout AWP. The Bank's Foam and MAC AWPs were thus not submitted, and therefore the country did not receive its allocated funds for 2005. While this has not yet caused major implementation delays to the Bank's projects in Indonesia, further delays in the receipt of funds could severely impact the progress of the two projects. UNDP is planning to submit requests for both 2005 and 2006 tranches for approval in 2006. The country expects to receive funding for the two years, in order to move forward with its commitments under the Foam and MAC agreements.

42. As implementing agencies have been requested by the Parties to facilitate timely implementation of approved activities, in order to assist countries to meet their commitments to the Protocol in the upcoming years, the Excom may wish to consider taking measures to ensure that when multiple agencies collaborate in the implementation of a project, countries and co-agencies are not penalized for the delays of the lead agency.

## **V. ADMINISTRATIVE AND FINANCIAL MATTERS**

43. *Transfer of Colombia CTC Project* – At its 47<sup>th</sup> Meeting, the Excom approved a project in Colombia aiming at phasing out the CTC consumption by a chlor-alkali firm (Decision 47/39). With the agreement of the Government of Colombia, UNDP and the

World Bank, the Bank would like to seek the Excom's approval to the transfer of this project to UNDP.



## **ANNEX I**

### **Country-by-Country Review**

#### **ARGENTINA**

The program in Argentina for 2006 will continue monitoring the closure of the CFC Production Plant. The Bank and the Government will explore the possibility of an early closure in FIASA during the next Bank's mission. Neba was bought by a new company, and is now called ALKALA S.A. Production has restarted in the new company, and there is strong interest to complete the SGA signed between GOA and Neba. The two aerosol projects were finished last year, and are awaiting financial completion. The Halon Bank has started operations, and the project is expected achieve financial and physical completion during the first semester of 2006. Tests under the MB project restarted February 2006, and the project is expected to be finished by August 2006. Two missions are planned to Argentina in 2006.

#### **THE BAHAMAS**

The government of the Bahamas is entering the final phase of implementation of the Terminal Phaseout Management Plan. The phaseout of CFC consumption is moving forward and the country has consistently met its targets under the Excom Agreement. Activities are now primarily focused on training, technical assistance and public awareness. The Bank has provided support to the Government in developing an action plan for the implementation of regulation to control of imports and exports of CFCs. One mission is planned to the Bahamas in 2006.

#### **CHILE**

The only remaining activities in Chile are the Institutional Strengthening and the Halon projects. The halon project is expected to be completed in 2006. The government has put in place an import/export control system for ODS, through the issuance of quotas. Chile will not carry out an accelerated phase out of Methyl Bromide, but instead will follow the phaseout schedule of the Montreal Protocol. Methyl Bromide quotas have been issued to ensure that the country remains in compliance with its commitments.

#### **CHINA**

In addition to the normal regular supervision missions (about three a year), there are several training capsules in the Annual Programs (AP) of each sector plan which will help the National Ozone Unit (NOU) and others to more effectively implement the overall MP program. Policy issues are also addressed specifically in the sectoral annual programs. It is expected that all remaining PCRs for individual projects under ODS III will be submitted in 2006.

The Pharmaceutical Aerosol sector plan will be submitted at the last Executive Committee meeting in 2006. In addition, there will be five annual programs in the year: the 2006 Accelerated Phaseout Plan's (APP) progress report prepared by the Bank and submitted by the U.S., the Halon Sector AP, the CFC Sector AP, the Foam Sector AP, the

CTC/PAI Sector AP and the PAII AP. Meeting of project targets in all APs is essential for China to meet its obligations and sector targets. No implementation delays are expected.

### **COLOMBIA**

All World Bank implemented projects in Colombia have been completed. The Bank is working with the country in the preparation of the two PCRs that remain to be submitted.

### **ECUADOR**

The Program in Ecuador in 2006 expects to continue with the successful implementation of the National CFC Phaseout Plan and ensure compliance with the MP control measures. The import/export licensing quota system has been developed and will continue to be monitored during 2006. This year, the program will provide recovery and recycling equipment to over 40 workshops, as well as to the Customs office. The Bank will continue supporting the GOE carry out public awareness activities as in 2005. A MB phase out project will be developed during this year, and a TCA/solvents project will be presented to the Excom in 2007. Two missions to Ecuador will take place in 2006

### **INDIA**

There are two ongoing projects in India, namely ODSIII and ODS IV. As half the India MP task team is based in New Delhi, dialogue with the Government is on a continuous basis, with close interactions for developing and finalizing activities, plans and strategies. There are two formal review missions planned for ODSIII this year.

There are no new projects proposed for 2006. No significant implementation delays have been experienced in the implementation of the program. Given that there are only 4 years remaining, 2006 will be a crucial year in terms of understanding what critical activities are to be undertaken to ensure that the transition to zero CFC production scenario is relatively smooth.

### **INDONESIA**

There are two ongoing sector plans (MAC and Foam), two TA projects (Aerosol TA, and Strengthening of import/export control). Remaining individual investment project will be completed in 2006 and PCRs submitted accordingly. Disbursement for these activities is currently progressing very well. The team has instituted several activities which will be carried out in 2005 to assist the NOU and/or FI to speed up implementation – a local consultant have been hired to help follow up with government and the FI in Jakarta, we are conducting several meetings with the related departments (such as the Ministry of Finance, and Planning, Industry and Trade, Customs) to expedite disbursements and the import control system. We have also planned two supervision missions in 2006 which include dialogue with the Government with regard to policy issues and TA issues.

### **JORDAN**

The implementation of the National ODP Phase-out Plan is progressing in accordance with plans and Jordan has been able to meet the 2005 50% MP control target. The main activities in 2006 will be the continuation of the 2005 training and recycling activities.

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The Bank is working with Jordan on the verification of the 2005 CFC, CTC and halon imports. All ongoing individual projects have been completed and remaining PCRs are under preparation and will be submitted in 2006.

### **MALAYSIA**

Implementation of the National CFC Phaseout Plan (NCFCP) is ongoing and significant progress has been achieved in the past year. It is expected that by the end of 2006: a) considerable advances will have been made in the implementation of the MAC servicing component; and b) progress will have been made in the implementation of the refrigeration servicing component; and d) the solvent component will be completed.

Two World Bank missions will take place during 2006, to monitor the process of the various program activities.

### **MEXICO**

The project will close during 2006. Consumption of industrial solvents will cease by March 2006. The sterilization subproject is expected to be completed by June 2006. The second phase of the chillers project will start during 2006.

### **PAKISTAN**

The portfolio of ongoing Pakistan projects under the World Bank is shrinking with a number of project completions in 2005. All projects are expected to be completed in 2006. In 2005, complete ODS phaseout was achieved for the two Thermoware projects, representing the largest CFC phaseout for individual projects in the portfolio.

The Bank has worked closely with the Government of Pakistan and its Financial Intermediary to expedite project completion after a period of project delays and will continue to do so in 2006 in order to phase out all remaining uses of CFC in the manufacturing sector (with the exception of MDIs). The Bank will have two, 6-10 day supervision missions in 2006 (with at least two Bank staff, the Financial Intermediary and two technical consultants). In addition, two additional technical visits are expected by the Bank's national and international consultants to assist the larger, remaining refrigeration manufacturers to finish their conversions.

### **THE PHILIPPINES**

The Government of the Philippines has made measured progress in implementing its National CFC Phase-out Plan (NCPP) and has achieved all its CFC consumption targets under its agreement with the Executive Committee. The Bank continues its broad program of support for the country as it implements three projects: the NCPP, the Methyl Bromide Phaseout Strategy and the Institutional Strengthening project. This support has been strengthened with the World Bank project manager now being located in the Bank's Manila office. This permits more direct interaction and dialogue which will be beneficial during the launching of the full phase of the voucher scheme in the servicing sector. In addition, the Bank continues its regular official supervision missions to the country which will include in 2006, several staff from headquarters along with the Manila team. Two supervision missions are expected.

The Government plans on renewing its institutional strengthening project at the first meeting of the Executive Committee in 2006. In addition, with the 47th Executive Committee's approval of a chiller project for the Philippines, the country will conduct a chiller stakeholder's workshop in order to complete the GEF component of the project preparation for submission in early 2006.

#### **THAILAND**

Implementation of the NCFCP is underway and significant progress has been achieved since 2005. It is expected that by the end of 2006: a) conversion of the foam sector will be completed; b) the implementation of the MAC servicing component will have advanced considerably; c) phaseout of the solvent sector will be completed; and d) implementation of the refrigeration servicing sector component will be underway.

All individual non-halon activities will be completed in 2006, and implementation of the revised Halon Management and terminal Halon Conversion projects is expected to advance steadily.

Implementation of the National Methyl Bromide phaseout plan started in 2005. The Grant Agreement between the Bank and the Government of Thailand was amended and the Project Management Unit is being established. Training and Public Awareness activities will be launched in 2006.

Two World Bank missions will take place during 2006, to monitor the process of the various program activities.

#### **TUNISIA**

The country program update was submitted in 2005, as planned, and approved by the Executive Committee at its 47th meeting in November 2005. Tunisia has met its 2005 MP target. A National ODP Phase-out Plan is presently under finalization by the National Ozone Unit and will be submitted to the 49th meeting of the Excom when agreed and approved by the relevant ministries. The NOPP is essential for Tunisia in meeting its 2007 85% CFC reduction target and total phaseout by 2010. Ongoing individual investment projects have been completed and PCRs will be prepared and submitted accordingly. Renewal of the institutional strengthening is scheduled for 2006.

#### **TURKEY**

Turkey's 3rd Institutional Strengthening project has now been signed by MoEF (the NOU) and MARA (Agriculture) and will support a number of important activities during 2006. Also, a contract will be signed with the Industry Chamber of Ankara to install and manage Turkey's Halon Banking facility within one of its laboratories in the Sincan Organized Industrial Zone. The Industry Chamber of Ankara has good collaboration with KOSGEB and will also be operating a refrigerant reclaim center in Ankara under Turkey's Refrigeration Sector Project (RSP).

In 2006, MoEF is anticipating Government approval of a new CFC decree updating regulations which were first published in 1999. TTGV has requested and in due course

we anticipate receiving further details from MoEF on the specific changes envisaged. The second meeting of the newly-established MeBr Resource Group (participants include MoEF, MARA and project staff from both World Bank and UNIDO supported MeBr projects), which was proposed for establishment during the Bank's June 2005 mission as a way to enhance national coordination of MeBr research, information dissemination, training, and phase-out activities across Turkey, is scheduled to take place end-January/early February 2006. The Group's first meeting reviewed an Action Plan which has since been submitted to MARA for their comments and approval. The proposed Plan would include both an intensification of present MeBr activities and extension into other regions of Turkey where the potential for MeBr use is high. Finally, the next Ozone Panel Meeting will be convened by MoEF in the autumn of 2006 to review overall progress in Turkey's ODS phase-out program.

With regard to the RSP, we anticipate completion of the Reclaim Centers to be located in Ankara and Izmir (the Center in Istanbul has already been established), as well as the establishment of the network of Recycle Centers, in conjunction with distribution of associated recovery equipment, in other cities throughout Turkey. The RSP end-user project is also finally getting underway following the Bank's no objection approval to TTGV to sign a contract with Coca-Cola retrofit 1500 end-user refrigeration units at Coca-Cola's refurbishing centers located in Ankara, Istanbul, Izmir and Manisa. Coca-Cola Turkey is 60% domestically owned and support will be proportioned accordingly. Financial assistance will be 50% grant and 50% loan from Turkey's Revolving Fund. Following review of results in retrofitting the 1500 units, decision will be made regarding extending additional end-user support for up to 2500 more units, ie., 4,000 in total.

#### **VENEZUELA**

CFC production is expected to cease by the end of 2006, but PRODUVEN will continue operating as a HCFC-22 plant. The Government will continue to monitor CTC imports via licenses in order to prevent production of CFCs.

#### **VIETNAM**

The agreement of the Vietnam National CFC and Halon Phase-out Plan between the ExCom and Vietnam was approved in April 2005. By early August 2005, the import-export licensing system for ODS was approved by the Government and published in the Government Gazette. To ensure full compliance with the import target stipulated in the agreement, MONRE had entered into a voluntary agreement with all importers at the beginning of 2005 on the import level allowed by each importer. Immediately after the import-export licensing system became officially effective in August 2005, the import quota for the remaining months taking into account the quantity already imported earlier in the year was issued.

The Ministry of Natural Resources and Environment established the Project Management Unit in the second half of 2005. The Deputy Director General of the International Cooperation Department has been appointed as the Manager of the Project Management Unit. The Project Management Unit has been staffed and functioning since the third

quarter of 2005. The Grant Agreement between Vietnam and the Bank has been finalized. It will become effective as soon as it is signed by the Government of Vietnam. Expenditures incurred by the PMU will be retroactive reimbursed once the Grant Agreement becomes effective.



**ANNEX II**  
**Implementation and New Activities**



Country	LVC/ Non LVC	Type	Chemical/ Substance	Sector and Sub-sector	Value (\$000) in 2006	ODP in 2006*	Value (\$000) in 2007	ODP in 2007*	Value (\$000) in 2008	ODP in 2008*	Value (\$000) after 2008	ODP after 2008*	Approved ODP phase out 2006/ Project Completion	Approved ODP phase out 2007/ Project Completion	Approved ODP phase out 2008/ Project Completion	Approved ODP phase out after 2008	I- Individ-ual M- Multi-year
<b>Non LVCs</b>																	
Argentina	Non-LVC	PHO	CFC	Production CFC closure	2,100	-	120	961	1,120	-	1,047	686				M	
Argentina	Non-LVC	INV	CFC	MDI Phaseout		2,150	50										I
Chile	Non-LVC	INV	MeBr	Methyl bromide phaseout plan	575	10	711	41	118	19	591	65					M
Chile	Non-LVC	INS		Renewal of Institutional Strengthening		201					201						I
China	Non-LVC	PHO	CFC	Foam Phaseout Plan	2,917	6,600	1,926	400	1,926	-	-	-					M
China	Non-LVC	PHO	CFC	Production CFC closure	13,975	5,250	25,800	6,100	8,063	6,850	8,063	550					M
China	Non-LVC	PHO	Halon	Halon Phaseout Plan (Production)	430	1,000	323	-	108	-	-	1,000					M
China	Non-LVC	PHO	Halon	Halon Phaseout Plan (Consumption)		500							1,000				M
China	Non-LVC	PHO	CTC	Process Agents Phaseout Plan		-							1,220				M
China	Non-LVC	PHO	CFC	Phase-out CFC as Process Agent	17,200	3	5,375	2	3,225	8	1,075	-					M
China	Non-LVC	PHO	CTC	Production CTC closure		6,642			9,320		9,956		551				M
China	Non-LVC	PHO	TCA	Production TCA closure		-			753	-	-	79					M
China	Non-LVC	PHO	CTC	Process Agents Phaseout Plan (Phase II)	10,750		10,750		10,750		1,613						M
China	Non-LVC	PHO	CFC	Pharmaceutical Aerosols Phaseout	5,375	345	5,375	346									I
India	Non-LVC	PHO	CFC	Production CFC closure	6,611	3,952	6,450	3,953	6,450	1,130	6,450	2,259					M
India	Non-LVC	PHO	CTC	CTC Phase-out plan	10,273	579	4,323	439	3,453	440	3,453	268					M
India	Non-LVC	PHO	CTC	Production CTC closure		579		439		440		268					M
Indonesia	Non-LVC	PHO	CFC	Foam Phaseout Plan	1,287	286	38	66	-	-	-	-					M
Indonesia	Non-LVC	PHO	CFC	Refrigeration MAC	273	220	-	365	-	-	-	-					M
Indonesia	Non-LVC	INV	CFC	MDI phaseout					1,290	30							I
Jordan	Non-LVC	INS		Renewal of Institutional Strengthening		-	158	-	-	-	158	-				I	
Malaysia	Non-LVC	PHO	CFC	CFC Phaseout plan		120		89		89		401					M
Malaysia	Non-LVC	PHO	CTC	CFC Phaseout plan	1,097	-	300	-	300	-	300	1					M
Malaysia	Non-LVC	PHO	TCA	CFC Phaseout plan		-		-		-		18					M
Philippines	Non-LVC	PHO	CFC	CFC Phaseout plan	359	149	116	907	-	53	-	100					M
Philippines	Non-LVC	INS		Renewal of Institutional Strengthening	195	-	-	-	195	-	195	-				I	
Thailand	Non-LVC	PHO	CFC	CFC Phaseout plan		243		209		208		704					M
Thailand	Non-LVC	PHO	CTC	CFC Phaseout plan	920	-	600	-	600	-	420	1				M	
Thailand	Non-LVC	PHO	TCA	CFC Phaseout plan		-		-		-		5				M	
Thailand	Non-LVC	PHO	MeBr	Fumigants Phaseout plan	1,518	-	-	-	1,013	-	-	147					M
Thailand	Non-LVC	INS		Renewal of Institutional Strengthening		-	373	-	-	-	373	-				I	
Tunisia	Non-LVC	INS		Renewal of Institutional Strengthening	247	-	-	-	247	-	247	-				I	
Tunisia	Non-LVC	INV	CFC	Terminal Phaseout Management Plan	1,075	150	1,075	150								M	
Turkey	Non-LVC	PHO	CFC	Refrigeration Phaseout plan	530	150	30	-	30	-	25	-				M	
Turkey	Non-LVC	INS		Renewal of Institutional Strengthening	280	-	-	-	280	-	280	-				I	
Venezuela	Non-LVC	PHO	CFC	Production CFC closure	1,881	-	2,473	2,913	1,129	-						M	
Vietnam	Non-LVC	PHO	CFC	CFC Phaseout plan		40		125		35		40				M	
Vietnam	Non-LVC	PHO	Halon	CFC Phaseout plan	630	-	-	-	192	-	-	19				M	
Vietnam	Non-LVC	PHO	CTC/TC	CFC Phaseout plan		-		-	-	-	-	-				M	
Vietnam	Non-LVC	PHO	MeBr	Methyl Bromide phaseout plan	323	-	-	-	323	20	129	40				M	
Vietnam	Non-LVC	TAS	HCFC	HCFC survey			81									I	
Global		TAS	CTC	Phaseout of CTC in chlor-alkali sector			108									I	
				Agency Core Unit Costs	1,545		1,591		1,639								
<b>LVCs</b>																	
Antigua and Barbu.	LVC	PHO	CFC	CFC Phaseout plan		30	0.4	-	0.4	-	0.5	-	0.5			M	
Bahamas	LVC	PHO	CFC	CFC Phaseout plan		136	11	-	14	-	-	-	-			M	
Ecuador	LVC	PHO	CFC	CFC Phaseout plan	245	70	245	38	20	21	-	21				M	
Ecuador	LVC	INV	MeBr	Methyl Bromide Elimination	688	32	42	1								I	
Ecuador	LVC	INV	TCA	TCA phaseout		-	-	-	136	-	136	-				I	
Ecuador	LVC	INS		Renewal of Institutional Strengthening	136	-	-	-								I	

Notes:

(1) Funding request includes US\$1,128,750 and US\$158,631 corresponding to the 2005 and 2006 tranches

(2) Funding request includes US\$136,892 and US\$135,802 corresponding to the 2005 and 2006 tranches

Figures include agency support costs

**ANNEX III**  
**Database of New and Ongoing Activities**  
**(Actual ODP)**

**Notes:**

- **ODP values shown for multi-year agreements are based on actual reduction targets specified in agreements**
- **Figures include agency support costs**



**ANNEX IV**  
**Database of New and Ongoing Activities**  
**(ODP based on overall cost effectiveness)**

**Notes:**

- ODP values shown for approved multi-year agreements are estimate based on overall cost effectiveness of agreement and on value of yearly tranches.
- Figures include agency support costs



**ANNEX V**  
**Value and Year of ODP Phase-out**



Country	LVC/ Non LVC	Type	Chemical/ Substance	Sector and Sub-sector	ODP in 2006	ODP in 2007	ODP in 2008	ODP after 2008	Approved ODP phase out 2006/ Project Completion	Approved ODP phase out 2007/ Project Completion	Approved ODP phase out 2008/ Project Completion	Approved ODP phase out after 2008	I- Individ-ual M-Multi-year	A- Appr. P-Plan'd	Plan'd Date of Completion	
Antigua and Barbuda	LVC	PHO	CFC	CFC Phaseout plan	0.4	0.4	0.5	0.5					M	A		
Argentina	Non-LVC	PHO	CFC	Production CFC closure	-	961	-	686					M	A		
Argentina	Non-LVC	INV	CFC	MDI Phaseout		50							I	P		
Argentina	Non-LVC	INV	CFC	Domestic Refrigeration Projects					29				I	A		
Argentina	Non-LVC	TAS	Halon	Halon Banking					200				I	A		
Bahamas	LVC	PHO	CFC	CFC Phaseout plan	11	14	-	-					M	A		
China	Non-LVC	PHO	CFC	Foam Phaseout Plan	2,000	6,600	400	-					M	A		
China	Non-LVC	PHO	CFC	Production CFC closure	5,250	6,100	6,850	550					M	A		
China	Non-LVC	PHO	Halon	Halon Phaseout Plan (Production)	1,000	-	-	1,000					M	A		
China	Non-LVC	PHO	Halon	Halon Phaseout Plan (Consumption)	500	-	-	1,000					M	A		
China	Non-LVC	PHO	CTC	Process Agents Phaseout Plan	-	-	-	1,220					M	A		
China	Non-LVC	PHO	CFC	Phase-out CFC as Process Agent	3	2	8	-					M	A		
China	Non-LVC	PHO	CTC	Production CTC closure	6,642	9,320	9,956	551					M	A		
China	Non-LVC	PHO	TCA	Production TCA closure	-	-	-	79					M	A		
China	Non-LVC	PHO	CTC	Process Agents Phaseout Plan (Phase II)									M	A		
China	Non-LVC	PHO	CFC	Pharmaceutical Aerosols Phaseout	345	346							I	P		
Ecuador	LVC	PHO	CFC	CFC Phaseout plan	70	38	21	21					M	A		
Ecuador	LVC	INV	MeBr	Methyl Bromide Elimination	32								I	P		
Ecuador	LVC	INV	TCA	TCA phaseout		1							I	P	Dec. 09	
Ecuador	LVC	TAS	MeBr	Methyl bromide Demonstration Project								15		I	A	Dec. 09
India	Non-LVC	PHO	CFC	Production CFC closure	3,952	3,953	1,130	2,259					M	A		
India	Non-LVC	PHO	CTC	CTC Phase-out plan	579	439	440	268					M	A		
India	Non-LVC	PHO	CTC	Production CTC closure	579	439	440	268					M	A		
Indonesia	Non-LVC	PHO	CFC	Foam Phaseout Plan <sup>(1)</sup>	286	156	66	-					M	A		
Indonesia	Non-LVC	PHO	CFC	Refrigeration MAC <sup>(2)</sup>	220	110	365	-					M	A		
Indonesia	Non-LVC	INV	CFC	MDI phaseout									I	P		
Indonesia	Non-LVC	INV	Halon	Halon banking									I	A		
Indonesia	Non-LVC	INV	CFC	Flexible Foam									I	A		
Jordan	Non-LVC	INV	CFC	ODS Phaseout Plan								125		I	A	
Malaysia	Non-LVC	PHO	CFC	CFC Phaseout plan	120	89	89	401					M	A		
Malaysia	Non-LVC	PHO	CTC	CFC Phaseout plan	-	-	-	1					M	A		
Malaysia	Non-LVC	PHO	TCA	CFC Phaseout plan	-	-	-	18					M	A		
Mexico	Non-LVC	INV	CFC	Conversion at aerosol filling plant						57			I	A		
Mexico	Non-LVC	INV	CFC	Sterilants Sterilization Services						15			I	A		
Pakistan	Non-LVC	INV	CFC	Foam multiple-subsectors						107			I	A		
Pakistan	Non-LVC	INV	CFC	Domestic Refrigeration						91			I	A		
Pakistan	Non-LVC	INV	CFC	Commercial Refrigeration						14			I	A		
Philippines	Non-LVC	PHO	CFC	CFC Phaseout plan	149	907	53	100					M	A		
Philippines	Non-LVC	TAS	MeBr	Fumigants Phaseout plan							9		I	A		
Thailand	Non-LVC	PHO	CFC	CFC Phaseout plan	243	209	208	704					M	A		
Thailand	Non-LVC	PHO	CTC	CFC Phaseout plan	-	-	-	1					M	A		
Thailand	Non-LVC	PHO	TCA	CFC Phaseout plan	-	-	-	5					M	A		
Thailand	Non-LVC	PHO	MeBr	Fumigants Phaseout plan	-	-	-	147					M	A		
Tunisia	Non-LVC	INV	CFC	Terminal Phaseout Management Plan	150	150							M	P		
Tunisia	Non-LVC	INV	CFC	Rigid Foam projects					57			I	A			
Turkey	Non-LVC	PHO	CFC	Refrigeration Phaseout plan	150	-	-	-					M	A		
Turkey	Non-LVC	INV	Halon	Halon banking							118		I	A		
Venezuela	Non-LVC	PHO	CFC	Production CFC closure	-	2,913	-						M	A		
Vietnam	Non-LVC	PHO	CFC	CFC Phaseout plan	40	125	35	40					M	A		
Vietnam	Non-LVC	PHO	Halon	CFC Phaseout plan	-	-	-	19					M	A		
Vietnam	Non-LVC	PHO	CTC/TC	CFC Phaseout plan	-	-	-	-					M	A		
Vietnam	Non-LVC	PHO	MeBr	Methyl Bromide phaseout plan	-	-	20	40					M	P		

Notes:

(1) Includes reduction targets for 2005 and 2006

(2) Includes reduction targets for 2005 and 2006