



**Programa de las  
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**COMITÉ EJECUTIVO DEL FONDO MULTILATERAL  
PARA LA APLICACIÓN DEL  
PROTOCOLO DE MONTREAL**  
Trigésima séptima Reunión  
Montreal, 17 al 19 de julio de 2002

**INFORME SOBRE LA MARCHA DE LAS ACTIVIDADES DEL BANCO MUNDIAL**

Este documento incluye:

- Los comentarios y recomendaciones de la Secretaría del Fondo
- El Informe anual sobre la marcha de las actividades realizadas por el Banco Mundial en el marco de las Operaciones del Protocolo de Montreal (enero - diciembre de 2001)

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

### **Introducción**

1. En este documento se presentan los comentarios y recomendaciones de la Secretaría del Fondo acerca del Informe sobre la marcha de las actividades del Banco Mundial referente a las actividades realizadas hasta el 31 de diciembre de 2001. Se adjunta el informe sobre la marcha de las actividades.

### **Situación de la ejecución**

2. Durante el período de informe (enero – diciembre de 2001), el Banco Mundial eliminó gradualmente el consumo de 4.360 toneladas PAO y 7.367 toneladas PAO en el sector de la producción, resultantes de la ejecución de acuerdos del Comité Ejecutivo con China e India. El Banco desembolsó alrededor de \$EUA 40,7 millones en 2001.

3. El Comité Ejecutivo aprobó 19 proyectos de inversión en 2001 a ser ejecutados por el Banco Mundial, por un valor aproximado de \$EUA 54,6 millones, que generarían la eliminación gradual de 13.931 toneladas PAO.

4. En 2001, el Banco Mundial terminó 35 proyectos de inversión. Acumulativamente, el Banco ha completado el 70 por ciento (327 proyectos) de los 469 proyectos de inversión aprobados para su ejecución hasta finales de 2001. Ha eliminado gradualmente el 82 por ciento (105.847 toneladas, incluidas 44.413 toneladas de producción) de las toneladas PAO que debía eliminar gradualmente de su cartera de proyectos aprobados (129.018 toneladas, incluidas 46.894 toneladas de producción). El Banco ha desembolsado el 76 por ciento (\$EUA 347,5 millones) de los recursos aprobados por el Fondo para dicho organismo hasta finales de 2001 (\$EUA 459,3 millones), a excepción de gastos de apoyo del organismo.

5. El Banco Mundial está ejecutando actualmente 8 acuerdos multianuales basados en el desempeño para los cuales se aprobaron \$EUA 149,7 millones hasta 2001. Prevé presentar entre 2 y 4 nuevos acuerdos en 2002.

6. En 2001, el Banco Mundial renovó 2 proyectos de fortalecimiento institucional y terminó 13 actividades de preparación de proyectos en 2001.

### **Cuentas del Banco Mundial para 2001 y datos incluidos en el informe sobre la marcha de las actividades**

7. El formato de presentación de datos sobre la marcha de las actividades requiere que los datos a ser comunicados al Tesorero en forma anual sobre las Cuentas del Fondo deben ser compatibles con los datos presentados anualmente al Comité Ejecutivo en los informes sobre la

marcha de las actividades. Según los informes sobre la marcha de las actividades, el Banco Mundial ha recibido \$EUA 519.690.644 de proyectos aprobados y gastos de apoyo, ajustados según los fondos devueltos de los proyectos terminados y cancelados. El monto total desembolsado, incluidos gastos de apoyo, es de \$EUA 391.173.903. A la fecha, las Cuentas del Fondo para el Banco Mundial no han sido presentadas por el Tesorero a la Secretaría. En consecuencia, no se puede determinar la compatibilidad de los datos.

### **Fortalecimiento institucional**

8. El Banco Mundial está ejecutando proyectos de fortalecimiento institucional que establecieron Unidades Nacionales del Ozono en siete países, que incluyen: Chile, Ecuador, Jordania, Filipinas, Tailandia (transferido del PNUD en la última reunión), Túnez y Turquía. El Banco informó que no se desembolsaron fondos para Chile o Jordania hasta 2001 a pesar del hecho de que estos proyectos fueron aprobados en diciembre de 2000.

9. Dado que los proyectos de fortalecimiento institucional se renuevan como máximo cada dos años y que dichos proyectos no están sujetos a la supervisión continua como proyectos con demoras en la ejecución, la Secretaría solicitó información adicional acerca de las actividades realizadas por las unidades nacionales del ozono. En comparación con otros organismos de ejecución que proporcionaron información completa, el Banco Mundial proporcionó información parcial acerca de los proyectos de fortalecimiento institucional que está ejecutando. El Comité Ejecutivo puede considerar oportuno pedir al Banco que, en la 38<sup>a</sup> Reunión, en el contexto de los proyectos con demoras en la ejecución, proporcione información de un nivel comparable al ofrecido por los otros organismos para sus 7 proyectos de fortalecimiento institucional.

### **Actualización de preparación de programa de país**

10. El Banco Mundial está preparando la actualización de programa de país para Jordania. El Banco indicó que la actualización está preparada, pero que se encuentra pendiente de la aprobación del Gobierno antes de su presentación al Comité Ejecutivo.

### **Proyectos de demostración de metilbromuro**

11. El Banco Mundial está ejecutando tres proyectos de demostración de metilbromuro, los cuales prevé terminar en marzo de 2003. Estos proyectos se están ejecutando en los siguientes países: Argentina, Chile y Ecuador. Las actividades en Argentina y Ecuador han sido pospuestas y no se han desembolsado fondos. El Banco Mundial indicó que, debido a la crisis política y económica, se han pospuesto las actividades del proyecto en la Argentina, si bien indica que la fecha de terminación del proyecto es marzo de 2003. En Ecuador, el Banco también informó que la demora se debe a las dificultades económicas generales, pero indica que la fecha de terminación del proyecto es diciembre de 2002. El Banco indicó que la firma del acuerdo de subdonación no se produjo en abril 2002 como estaba previsto originalmente. El Banco ha

desembolsado 70 por ciento de los fondos aprobados para el proyecto demostración en Chile e indica que ya se están terminando las pruebas en el terreno.

### **Proyectos terminados con saldos**

12. Hasta mayo de 2001, se habían terminado 72 proyectos con saldos pendientes por la suma de \$EUA 11.953.777, que no han sido devueltos. El Banco Mundial continuará informando acerca de estos proyectos hasta que dichos saldos hayan sido reconciliados o devueltos.

### **Proyectos en ejecución aprobados en 1994 o antes**

13. El Banco Mundial tiene nuevo proyectos en curso que fueron aprobados en 1994 o antes. El Banco prevé terminar todos estos proyectos en 2002. En el caso de cuatro proyectos (CPR/FOA/15/INV/86, IDS/FOA/11/INV/12, IDS/FOA/13/INV/16 y IDS/FOA/15/INV/19), se han desembolsado todos los fondos y se prevé su terminación.

14. Sin embargo, en el caso del proyecto con mayor antigüedad en la ejecución, el proyecto de recuperación y reciclaje de equipos de aire acondicionado de vehículos en Tailandia (THA/REF/07/TAS/07), se había desembolsado hasta 2001 el 59 por ciento de los fondos para este proyecto, que fue aprobado en junio de 1992. Para este proyecto, existe un saldo pendiente \$EUA 365.287 del presupuesto original de \$EUA 900.000. El proyecto de recuperación y reciclaje de equipos de aire acondicionado de vehículos en Indonesia (IDS/REF/15/TAS/29) tiene un saldo pendiente de \$EUA 60.106 del monto de \$EUA 327.000 aprobado originalmente (aprobado en diciembre de 1994). El Banco indicó que se redistribuirían algunos equipos y que se estaba preparando el informe de terminación.

15. Continúa vigente el problema para la apertura de una línea de crédito para el proyecto de espumas de Multi Karya Makmur en Indonesia, que se aprobó en diciembre de 1994, a pesar de que se ha desembolsado 48 por ciento de los \$EUA 123.700. El Banco indicó que el problema con la línea de crédito se relaciona con el alto riesgo que presenta Indonesia actualmente.

16. Para los restantes dos proyectos del Banco aprobados en 1994, el Banco indicó que el proyecto general de Jordania (JOR/FOA/15/INV/22) se terminaría en el primer trimestre de 2002 y que el proyecto de refrigeración de Helametal en Argentina (ARG/REF/15/INV/19) se debería terminar a fines de 2002, siempre que así lo permitan las dificultades económicas e institucionales de la Argentina.

### **Demoras en la ejecución de proyectos**

17. Una vez considerados los proyectos retirados de la lista conforme a la decisión del Comité Ejecutivo, hay 78 proyectos con demoras en la ejecución. Según los procedimientos para la cancelación de proyectos (Decisión 26/2), se presentará en la 38<sup>a</sup> Reunión un informe sobre estos proyectos para determinar si se ha producido algún avance en la eliminación de los impedimentos causantes de las demoras en la ejecución.

18. En 2001, se clasifican 78 proyectos del Banco Mundial con demoras en la ejecución, en comparación con el año 2002, en que se clasificaron 73 proyectos y el año 1999, en que se clasificaron en dicha categoría 43 proyectos. 47 de estos 78 proyectos con demoras en la ejecución habían recibido ya esta clasificación de demoras en la ejecución el año pasado. El Anexo I incluye una lista de las demoras adicionales y las últimas fechas de terminación planificadas para estos 47 proyectos.

### **Proyectos que aparentemente rebasan el presupuesto**

19. El Banco Mundial mantiene montos para componentes individuales de proyectos de líneas de donación que hacen que los proyectos parezcan rebasar el presupuesto cuando, en realidad, los montos totales aprobados para las líneas de donación son equivalente al monto total desembolsado. Las entradas de la base de datos del Banco indican que hubo proyectos en los que se realizó el cierre financiero con saldos remanentes positivos o negativos, en los que el saldo negativo parece rebasar el presupuesto. Se debería autorizar al Banco a ajustar los presupuestos para las líneas de donaciones aprobadas en la 7<sup>a</sup> Reunión para Jordania y Túnez a fin de reflejar el nivel desembolsado.

### **Proyectos que aparentemente rebasan el presupuesto**

| Código            | Estado | Título del proyecto   | Fondos aprobados (\$EUA) | Ajuste (\$EUA) | Fondos aprobados más ajustes (\$EUA) | Fondos desembolsados (\$EUA) | Saldos   |
|-------------------|--------|---|--------------------------|----------------|--------------------------------------|------------------------------|----------|
| TUN/REF/08/TAS/08 | FIN    | Asistencia técnica para el desarrollo de refrigeradores domésticos basados en HFC-134a                  | 99 960                   | 0              | 99 960                               | 404 659                      | -304 699 |
| JOR/ARS/07/INV/12 | FIN    | Purificación de GLP en Jordan Refinery Company  | 700 000                  | 0              | 700 000                              | 799 341                      | -99 341  |
| TUN/FOA/07/INV/05 | FIN    | Asistencia técnica y demostración de tecnología sin CFC en la producción de espumas rígidas y flexibles | 160 000                  | 0              | 160 000                              | 218 354                      | -58 354  |
| TUN/SEV/08/INS/09 | FIN    | Aplicación de acciones del gobierno (fortalecimiento institucional)                                     | 280 000                  | 0              | 280 000                              | 285 312                      | -5 312   |
| CPR/FOA/07/INV/16 | FIN    | Proyecto I: 50% espuma de CFC   | 645 000                  | 0              | 645 000                              | 646 000                      | -1 000   |

20. Sin embargo, éste no es el caso del proyecto de espumas de 50% de CFC en China (CPR/FOA/07/INV/16), ya que dicho proyecto no era parte de una línea de donación pero rebasó su presupuesto en \$EUA 1.000. La Decisión 17/22 no permite que se exceda el presupuesto.

## **Acuerdos multianuales basados en el desempeño**

### Programas nacionales de eliminación de CFC

21. La Secretaría consultó al Banco Mundial y a los otros organismos de ejecución acerca de la situación de sus acuerdos multianuales basados en el desempeño, incluidos aquellos aprobados en diciembre de 2001, tales como los programas nacionales de eliminación de SAO para Bahamas (BHA/PHA/35/INV/08), Malasia (MAL/PHA/35/INV/145), Tailandia (THA/PHA/35/INV/137) y Turquía (TUR/PHA/35/INV/75). Se esperaba que el Banco presentara un informe de situación de mediados de año para estos tipos de acuerdos debido al interés del Comité Ejecutivo en esta modalidad de eliminación gradual de SAO.

22. El Banco Mundial indicó que la situación de los acuerdos multianuales y los proyectos sectoriales se informa en los planes anuales y en el informe sobre la marcha de las actividades anual (para el año de informe específico), que se presenta como parte de una solicitud de financiación. El Banco indicó que este tipo de proyectos ya requieren informes anuales en el contexto de los planes anuales y que los informes adicionales requerirían una solicitud específica del Comité Ejecutivo.

23. Sin embargo, el Banco proporcionó algunos comentarios acerca de estos proyectos. Respecto del acuerdo de donación para las Bahamas aprobado en diciembre de 2001, la Secretaría preguntó si el acuerdo se había firmado en abril de 2002 tal como se había planificado. En su respuesta a la consulta de la Secretaría, el Banco indicó que el acuerdo se enviará a las Bahamas a fin de que considere su firma. Las actividades para los proyectos del Banco no pueden comenzar hasta que los acuerdos no hayan sido firmados tanto por el Banco como por el Gobierno interesado.

24. El Banco Mundial también indicó que debió enmendar los acuerdos para Malasia y Tailandia para incluir los nuevos programas nacionales de eliminación gradual de SAO aprobados. La Secretaría señaló que los nuevos acuerdos, tales como el acuerdo para el proyecto de enfriadores de Tailandia, se firmaron más de tres años después de la aprobación del proyecto y que, normalmente, las demoras en la ejecución de los proyectos del Banco están a menudo relacionadas con demoras en los acuerdos. El Banco indicó que estas enmiendas no requerirían el tipo de trabajo legal ni las negociaciones que conlleva establecer un nuevo acuerdo.

### Proyecto sectorial de espumas de China

25. Respecto del proyecto de espumas de China (CPR/FOA/35/INV/380), la Secretaría señaló que el primer objetivo de desempeño es que los nuevos contratos de proyectos de inversión con las empresas eliminen gradualmente 2.000 toneladas de CFC-11, con los proyectos a ser firmados a fines de 2001, y la eliminación gradual de 2.241 toneladas en 2001 con los proyectos aprobados anteriormente. La Secretaría preguntó al Banco si se habían alcanzado estos objetivos, ya que el Banco indicó una eliminación gradual de 728,3 toneladas PAO de proyectos de espumas en China en 2001. El Banco no respondió.

Plan de eliminación en el sector de halones de China

26. Respecto del plan de eliminación gradual en el sector de halones de China (CPR/HAL/29/INV/309 y CPR/HAL/32/INV/364), la Secretaría señaló que los únicos comentarios proporcionados por el Banco en la base de datos del informe sobre la marcha de las actividades si se refieren a un proyecto recientemente aprobado o terminado. El desembolso de fondos de parte del Banco para los programas anuales parece lento, ya que 50 por ciento de los fondos aprobados para el programa anual de 2000 fue desembolsado en 2001 y no se desembolsó ninguna parte de los fondos aprobados para 2001 en 2001. Existen saldos pendientes de \$EUA 9,4 millones que no han sido desembolsados para los programas anuales de 2000 y 2001, es decir, \$EUA 4,9 millones para 2000 y \$EUA 4,5 millones para 2001.

Plan de eliminación gradual de producción de CFC en China

27. La Secretaría también señaló que, respecto plan de eliminación gradual de la producción de CFC en China (CPR/PRO/30/INV/347 y CPR/PRO/33/INV/370), se desembolsó 82 por ciento del programa anual de 2002 y 54 por ciento del programa anual de 2001 en 2001.

Plan de eliminación gradual en el sector de equipos de aire acondicionado de vehículos de China

28. Hasta 2001, se había desembolsado 91 por ciento de los \$EUA 7 millones para el plan de eliminación en el sector de equipos de aire acondicionado de vehículos en China (CPR/REF/26/INV/255). El Banco Mundial no respondió a la solicitud de la Secretaría respecto de si se había cumplido con la condición de aprobación del plan sectorial (es decir, la eliminación de la producción de CFC en el sector de equipos de aire acondicionado de vehículos en China para fines de 2001). Cuando solicitó esta información, la Secretaría señaló que los comentarios en la base de datos del informe sobre la marcha de las actividades del informe indicó que "una empresa había sido demorada debido a que los equipos arribaron tarde y se espera que el proyecto esté terminado en agosto de 2002". El Banco también indicó que una misión del Banco está realizando una visita para confirmar la terminación de las actividades del plan sectorial. El Comité Ejecutivo puede considerar oportuno solicitar al Banco que proporcione aclaraciones sobre esta cuestión en la reunión.

Plan de eliminación gradual de la producción de halones en India

29. En el caso del proyecto de eliminación gradual de la producción de halones en India (IND/HAL/34/INV/315), el proyecto fue aprobado en julio de 2001 por \$EUA 2,6 millones y una duración de 13 meses. El Banco no incluyó ningún comentario sobre este proyecto a pesar del hecho de que el acuerdo requiere la destrucción de todos los equipos de producción de halones dentro de los 12 meses posteriores a la aprobación, es decir, julio - agosto de 2002. Se debe destacar que no se desembolsó ninguna parte de los \$EUA 2,6 millones hasta 2001. La Secretaría preguntó si se habían desmantelado las plantas de producción. El Banco no respondió.

Proyecto de enfriadores de Tailandia

30. Respecto del proyecto de enfriadores de Tailandia (THA/REF/26/INV/104), no se desembolsaron fondos para este proyecto de préstamo en condiciones favorables de \$EUA 2,5 millones hasta 2001. El proyecto fue aprobado en noviembre de 1998. El Banco presentó en la 35<sup>a</sup> Reunión hitos revisados en el contexto del informe sobre demoras en la ejecución presentado en dicha Reunión (UNEP/OzL.Pro/ExCom/35/17). El Banco informó que el acuerdo de préstamo fue firmado a fines de octubre de 2001, casi 3 años después de la aprobación del proyecto. El nuevo hito es marzo de 2002, cuando todos los acuerdos de préstamo secundario estén firmados y se hayan preparado y emitido las licitaciones. El Banco indicó que se firmaron tres acuerdos de este tipo. La Secretaría preguntó en mayo si se había cumplido con el hito en marzo de 2002. El Banco no respondió.

Proyecto de metilbromuro para higos en Turquía

31. El Banco Mundial ha desembolsado \$EUA 39.000 para el proyecto de metilbromuro para higos en Turquía (TUR/FUM/31/INV/69) que fue aprobado en julio de 2000. El único comentario proporcionado por el Banco acerca del proyecto fue que se había firmado el acuerdo de subdonación. La Decisión 31/38 requiere que Turquía, a través del Banco, proporcione un informe sobre la marcha de las actividades anual acerca de la ejecución del proyecto, que incluya datos sobre el consumo total de metilbromuro eliminado gradualmente por el proyecto. Dado que la base de datos del informe sobre la marcha de las actividades informa que se han eliminado gradualmente cero toneladas PAO, la Secretaría preguntó si se había logrado alguna eliminación gradual con el proyecto. Se debe destacar que el consumo informado de metilbromuro de Turquía fue de 348,6 toneladas PAO en 2000.

32. El Banco no proporcionó una respuesta, dado que este proyecto estaba listado con otros acuerdos multianuales. Sin embargo, dado que todos los fondos fueron aprobados en un tramo, el informe sobre la marcha de las actividades del Banco Mundial constituye el único medio para informar al Comité la eliminación gradual anual.

33. El acuerdo requiere que el consumo de metilbromuro de Turquía en 2000 no sea superior al “consumo de metilbromuro de Turquía en 1999 informado a la Secretaría del Ozono”. El consumo informado de metilbromuro de Turquía de 1999 a la Secretaría del Ozono fue 342,6 toneladas. Por lo tanto, Turquía excedió el nivel de consumo acordado para 2000 en 6 toneladas PAO. El Banco Mundial no mencionó esta circunstancia ni en el texto de su informe sobre la marcha de las actividades ni en su base de datos. El Comité Ejecutivo puede considerar oportuno recibir un informe del Banco Mundial acerca de esta cuestión y debería considerar medidas correctivas, tales como una reducción adicional de 6 toneladas PAO en el consumo permitido para el año 2001, conforme al acuerdo con el Comité Ejecutivo.

## **Proyectos individuales**

### Fechas de terminación planificadas

34. La Secretaría solicitó al Banco que reevaluara las fechas de terminación planificadas para tres proyectos: Proyecto de espumas de Shenzhou en China (CPR/FOA/29/INV/311), proyecto de espumas en Handan Huisheng en China (CPR/FOA/29/INV/323) y proyecto de espumas de PT Sentra Sukses Selalu en Indonesia (IDS/FOA/29/INV/115). El Banco indicó que debería tratar la cuestión con las empresas pertinentes. En el caso de no contar con dichas evaluaciones, los proyectos con dificultades en su ejecución no se presentan al Comité Ejecutivo para una supervisión más detallada. En el caso de los dos proyectos en China, el Banco indicó que las compañías tenían dificultades financieras. En el caso del proyecto de Indonesia, no se han desembolsado fondos desde la aprobación del proyecto en noviembre de 1999 y el Banco indicó que estaba deliberando con el Gobierno acerca de cómo proceder con el proyecto. Ante la falta de una reevaluación de las fechas de terminación planificadas, el Comité Ejecutivo puede considerar oportuno continuar supervisando estos proyectos en el contexto de su informe sobre demoras en la ejecución.

### Demoras en la ejecución de proyectos en Colombia

35. Un proyecto de espumas rígidas para 29 empresas de Colombia (COL/FOA/29/INV/39) fue aprobado en noviembre de 1999 y no se habían desembolsado fondos en 2001. Los comentarios del Banco indicaron que en 2000 se había realizado un taller de participantes y que el acuerdo de subdonación fue firmado en 2002. Se suponía que el proyecto requeriría 31 meses hasta su terminación, ahora se prevé una demora de 6 meses: pero llevó 2 años hacer firmar el acuerdo, lo que sugiere una demora incluso más prolongada. El Banco indicó que todos sus proyectos en Colombia estaban congelados a la espera de la aprobación de una ley de exención de impuestos que permitiría a los proyectos del Banco importar equipos sin pagar aranceles aduaneros.

### Equipos a ser destruidos para el proyecto de aerosoles en China

36. El proyecto general destinado a completar la eliminación gradual del CFC en aerosoles de propósitos generales en NCLI y Fujiang Light Industry Co. en China (CPR/ARS/24/INV/244) tenía como condición para su aprobación que “la ejecución del proyecto no debería proceder hasta que no se hubiera preparado una lista de los equipos a destruir o inutilizar y la empresa interesada no hubiera formulado un compromiso de que se realizaría el desmantelamiento o destrucción”. La Secretaría pidió la lista de los equipos, ya que se habían desembolsado \$EUA 327.530 del presupuesto de \$EUA 547.675 del proyecto. El Banco indicó que dos máquinas de llenado manual habían sido desmanteladas. Esta información no se proporcionó con antelación a la ejecución del proyecto. Este proyecto fue visitado como parte de la evaluación de la Secretaría. La evaluación de los proyectos del sector de aerosoles se presentará en la 38<sup>a</sup> Reunión.

### Proyecto de halones de Real Value en India

37. No se han desembolsado fondos para Real Value (IND/HAL/18/INV/60), un proyecto aprobado en noviembre de 1995. Los comentarios del Banco indicaron que “durante la última misión de supervisión en octubre de 2001, el Banco señaló que no estaba de acuerdo con la exención de la cláusula del depósito de garantía. Ésta fue luego solicitada por el intermediario financiero. Según el Banco, el componente de dióxido de carbono debe ser cancelado. Se programó una misión del Banco Mundial para mayo de 2002 para determinar la manera de proceder con este proyecto”. El Banco indicó que la compañía había convertido sus operaciones hace mucho tiempo, no obstante, a causa de las dificultades financieras de la empresa matriz, las políticas del Banco impedían firmar la subdonación. La empresa ahora no puede pagar el depósito de garantía inicial necesario para firmar el contrato de subdonación y el Banco no estuvo de acuerdo con una exención. El Comité Ejecutivo puede considerar oportuno solicitar un informe de los resultados de la misión de mayo de 2002.

### **Diferencias con el inventario de proyectos aprobados**

38. La Secretaría y el Banco Mundial resolvieron muchas diferencias entre los registros de proyecto del Fondo Multilateral incluidos en el Inventario de proyectos aprobados y los registros del Banco Mundial, tal como se indican en el informe sobre la marcha de las actividades del organismo. Se recuerda que el informe sobre la marcha de las actividades del Banco Mundial para 2000 contenía diversos errores, muchos de los cuales no fueron corregidos hasta después de la presentación del primer borrador de este informe sobre la marcha de las actividades. Si bien el Banco Mundial ha trabajado arduamente en el proceso de su adopción interna de un sistema basado en la Web, existen aún muchas diferencias en algunas de las mismas áreas mencionadas el año pasado, a saber: fechas de terminación propuestas diferentes de las indicadas en el Inventario de proyectos aprobados y niveles de fondos aprobados diferentes de los registros del Inventario de proyectos aprobados, así como diferencias en la eliminación gradual de SAO y los fondos devueltos al fondo y los cálculos de los gastos de apoyo.

### Diferencias en las fechas de terminación

39. Tal como se indicó en los comentarios de la Secretaría al informe sobre la marcha de las actividades del Banco Mundial del año pasado, las fechas de terminación indicadas en las propuestas se utilizan para determinar los proyectos con demoras en la ejecución. La Secretaría proporciona un Inventario de los proyectos aprobados a todos los organismos de ejecución para su revisión después de cada reunión a fin de hacer los cambios necesarios conforme a los documentos de la reunión y las decisiones del Comité. Una vez ingresada, esta fecha no se debería cambiar. El Banco tiene 24 proyectos con un promedio de diferencia de más de dos años cada uno respecto de los registros del Inventario. Esto también generaría diferencias en el cálculo de los indicadores de plazo de entrega entre la Secretaría y el Banco Mundial.

### Diferencias con fondos aprobados, ajustes y gastos de apoyo

40. El Banco tiene 155 proyectos con un valor de ajustes (fondos aprobados adicionales menos los fondos que se hubieran devuelto) diferentes de los del Inventario de proyectos aprobados. Los registros del Banco indican que se devolvieron al Fondo \$EUA 4.752.428 más que lo registrado en los informes del Comité Ejecutivo. También hay 38 proyectos con diferentes montos de fondos aprobados iniciales, que ascienden a \$EUA 535.487 más que lo que fue aprobado conforme al Inventario. Para 11 proyectos aprobados en la 17<sup>a</sup> Reunión, se indican en el informe sobre la marcha de las actividades del Banco gastos de apoyo por montos diferentes del 13 por ciento para cada proyecto, lo que asciende a una diferencia de \$EUA 10,582. El monto de gastos de apoyo devueltos también es diferente para 66 proyectos, lo que sugeriría que se devolvieron \$EUA 455.952 más que lo indicado en el informe sobre la marcha de las actividades del Banco. La diferencia en dichos ajustes, fondos aprobados y gastos de apoyo puede tener consecuencias, asimismo, en la reconciliación de las Cuentas del Fondo con los registros del Tesorero.

### Diferencias en la cantidad de eliminación de SAO

41. El Banco Mundial tiene en su informe sobre la marcha de las actividades 10 proyectos con un monto de eliminación gradual de 300 toneladas PAO más que la eliminación gradual registrada en los documentos de las reuniones.

## **RECOMENDACIONES**

El Subcomité de Supervisión, Evaluación y Finanzas puede considerar oportuno recomendar al Comité Ejecutivo que:

1. Tome nota del informe sobre la marcha de las actividades del Banco Mundial incluido en (UNEP/OzL.Pro/ExCom/37/16)
2. Solicite al Banco Mundial que proporcione información de un nivel comparable al ofrecido por los otros organismos para sus 7 proyectos de fortalecimiento institucional en la 38<sup>a</sup> Reunión en el contexto de los proyectos con demoras en la ejecución.
3. Tome nota de que, hasta mayo de 2001, el Banco Mundial contaba con 72 proyectos que dicho organismo había clasificado como terminados hacía más de un año, con saldos pendientes por un total de \$EUA 11.953.777.
4. Tome nota de que el Banco informará en la 38<sup>a</sup> Reunión acerca de alrededor 78 proyectos con demoras en la ejecución, que incluyen 47 proyectos que obtuvieron dicha clasificación el año pasado.
5. Autorice al Banco Mundial a ajustar los presupuestos para las líneas de donaciones aprobadas en la 7<sup>a</sup> Reunión para Jordania y Túnez, a fin de reflejar el nivel desembolsado proyecto por proyecto.

6. Tome nota de que el exceso del presupuesto de \$EUA 1.000 para el proyecto de espumas de 50% en China no está autorizado, de conformidad con la Decisión 17/22.
7. Proporcione en la reunión respuestas a las consultas de la Secretaría sobre los acuerdos multianuales en la 37<sup>a</sup> Reunión y tome nota de las respuestas, junto con:
  - a) La demora informada por el Banco en la firma del acuerdo para las Bahamas;
  - b) La necesidad de un acuerdo enmendado para los programas de eliminación gradual de CFC en Malaysia y Tailandia;
  - c) La eliminación gradual lograda en 2001 en el plan del Banco de eliminación gradual en el sector de espumas en China;
  - d) El desembolso de fondos lento para el plan de eliminación gradual en el sector de halones y el plan de eliminación gradual de la producción de CFC de China;
  - e) La eliminación de producción de CFC en equipos de aire acondicionado de vehículos en China en 2001;
  - f) Desmantelamiento de plantas de producción de halones en 2001 en India; y
  - g) El hito de marzo de 2002 para la firma de todos los acuerdos de préstamo secundarios para el proyecto de enfriadores de Tailandia.
8. Tome nota de que Turquía no cumplió con su objetivo de reducción de consumo en 2000, de conformidad con su acuerdo con el Comité Ejecutivo y reste 6 toneladas PAO del consumo de metilbromuro permitido en 2001.
9. Cumpla con las solicitudes futuras de la Secretaría de que proporcione información sobre dichos acuerdos, en el contexto de la presentación de informes sobre la marcha de las actividades.
10. Solicite informes a la 38<sup>a</sup> Reunión en el contexto de las demoras en la ejecución para los que el Banco no pudo calcular una fecha de terminación futura: proyecto de espumas de Shenzhou en China (CPR/FOA/29/INV/311), proyecto de espumas en Handan Huisheng en China (CPR/FOA/29/INV/323) y proyecto de espumas de PT Sentra Sukses Selalu en Indonesia (IDS/FOA/29/INV/115).
11. Solicite al Banco Mundial que no presente solicitudes para proyectos en Colombia hasta que no se haya aprobado la exención de impuestos requerida para los proyectos del Fondo Multilateral ejecutados por el Banco Mundial.
12. Solicite al Banco Mundial que libere fondos para el proyecto de halones de Real Value en India o transfiera el proyecto a un organismo que pueda terminar el proyecto.

13. Tome nota con inquietud de las diferencias continuas del Banco respecto de datos básicos de los proyectos, tales como fondos aprobados, ajustes y gastos de apoyo, y solicite al Tesorero que certifique estos datos para el Banco Mundial en un informe en la 38<sup>a</sup> Reunión.

**Anexo I****PROYECTOS QUE PERMANECEN EN LA LISTA DE PROYECTOS CON DEMORAS  
EN LA EJECUCIÓN**

| <b>Code</b>        | <b>Agency</b> | <b>Project Title</b>   | <b>Category for delay</b> | <b>Planned Date of Completion</b> |
|--------------------|---------------|--|---------------------------|-----------------------------------|
| ARG/REF/15/INV/19  | IBRD          | Elimination of CFC in two manufacturing plants of domestic refrigerators at Helametal S.A., and Helametal Catamarca S.A.   | 12 and 18 months delays   | Nov-02                            |
| ARG/REF/18/INV/37  | IBRD          | Elimination of CFCs in domestic refrigerator production plant in Autosal, S.A.   | 12 and 18 months delays   | Sep-02                            |
| ARG/REF/18/INV/39  | IBRD          | Elimination of CFC in the manufacturing plant of domestic refrigerators of Neba, S.A.  | 12 and 18 months delays   | Sep-02                            |
| ARG/REF/19/INV/43  | IBRD          | Elimination of CFC in the manufacturing plant of domestic refrigerators at Adzen S.A. C.I.F.   | 12 months delays          | Dec-02                            |
| ARG/REF/19/INV/44  | IBRD          | Elimination of CFCs in the manufacturing plants of domestic refrigerators of Frimetal, Rosario   | 12 and 18 months delays   | Dec-02                            |
| ARG/REF/23/INV/69  | IBRD          | Elimination of CFCs in the manufacturing plant of domestic refrigerators at Lobato San Luis S.A.   | 12 months delays          | Jul-02                            |
| ARG/SOL/28/INV/91  | IBRD          | Conversion from MCF used as solvent to aqua based cleaning at Argelite La Rioja, SA; CIMCAM, SA; Grimoldi, SA; Heliodino SAIC; Integral Metalurgica, SA; Orbis Mertig SAIC; Trosh, SA Unisol, SA and Buffalo, S.A. | 12 and 18 months delays   | Dec-02                            |
| CHI/MUS/19/INV/14  | IBRD          | Montreal Protocol implementation programme - phase II  | 12 and 18 months delays   | Jun-02                            |
| CHI/MUS/26/INV/37  | IBRD          | Montreal Protocol implementation programme (Phase II, second tranche)  | 12 and 18 months delays   | Jun-02                            |
| COL/FOA/26/INV/28  | IBRD          | Elimination of CFC-11 in the manufacture of rigid polyurethane foam through the use of HCFC-141b technology at Daniel J. Fernandez and Cia. Ltd.   | 12 and 18 months delays   | Dec-02                            |
| COL/FOA/26/INV/29  | IBRD          | Elimination of CFC-11 in manufacture of rigid polyurethane foam through the use of HCFC-141b technology at Friotermica S.A.  | 12 and 18 months delays   | Dec-02                            |
| COL/FOA/26/INV/30  | IBRD          | Elimination of CFC in manufacture of rigid polyurethane foam through the use of HCFC-141b technology at Indufrio   | 12 months delays          | Dec-02                            |
| CPR/ARS/24/INV/244 | IBRD          | Umbrella project to complete CFC phaseout in general purpose aerosols at NCLI and Fujiang Light Industry Co.   | 12 and 18 months delays   | Sep-02                            |
| CPR/FOA/15/INV/86  | IBRD          | Conversion to CFC-free technology in manufacture of extruded polyethylene and polystyrene foam sheet at Zhengzhou Plastic Plant  | 12 and 18 months delays   | Jun-02                            |
| CPR/FOA/20/INV/179 | IBRD          | Conversion to CFC-free technology in the manufacture of flexible (slabstock) polyurethane foam at Chengdu Plastics No. 7   | 12 and 18 months delays   | Dec-02                            |
| CPR/FOA/23/INV/230 | IBRD          | Conversion of rigid and spray polyurethane foam manufacture from CFC-11 to HCFC-141b foam blowing agent at Shanghai General Machinery Company (SGMC)   | 12 and 18 months delays   | Jul-02                            |

| <b>Code</b>        | <b>Agency</b> | <b>Project Title</b>  | <b>Category for delay</b> | <b>Planned Date of Completion</b> |
|--------------------|---------------|---|---------------------------|-----------------------------------|
| CPR/FOA/26/INV/267 | IBRD          | Conversion of refrigerator manufacture from CFC-11 to pentane foam blowing agent in the production of PU insulation panels at Foshan Refrigeration Equipment General Factory            | 18 months delays          | Jul-02                            |
| CPR/REF/16/INV/111 | IBRD          | Conversion of small open-type CFC-12 refrigeration compressor production to HCFC-22 at Anhui Provincial Refrigerating Machinery Factory (APRMF)   | 12 months delays          | Jun-02                            |
| CPR/REF/22/INV/198 | IBRD          | Conversion of CFC-12 medium open-type refrigerating compressor to HCFC-22 compressor at Guangzhou Refrigerating Machinery Factory   | 12 and 18 months delays   | Dec-02                            |
| CPR/REF/22/INV/200 | IBRD          | Conversion of CFC-12 small open-type refrigerating compressor to HCFC-22 refrigerating compressor at Subei Refrigeration Machinery Factory  | 12 and 18 months delays   | Jun-02                            |
| CPR/REF/22/INV/208 | IBRD          | Conversion of CFC-12 medium open type refrigerating compressor at Wuhan New World Refrigeration Industrial Co. Ltd.   | 12 and 18 months delays   | Jun-02                            |
| CPR/REF/22/INV/209 | IBRD          | Conversion of CFC-12 small open-type and semi-hermetic refrigerating compressor to HCFC-22 refrigerating compressor at Zhenjiang Refrigerating Equipment Factory (ZREF)                 | 12 and 18 months delays   | Jul-02                            |
| CPR/REF/22/INV/210 | IBRD          | Conversion of CFC-12 small and medium open type refrigerating compressor production at Zhejiang Chunhui Company (Group) (ZCC)   | 12 and 18 months delays   | Dec-02                            |
| CPR/REF/22/INV/214 | IBRD          | Conversion of CFC-12 medium open type refrigerating compressor at Chongqing Bingyang Refrigerating Machine Co.  | 12 and 18 months delays   | Dec-02                            |
| CPR/REF/22/INV/215 | IBRD          | Conversion of CFC-12 small open type refrigerating compressor production at Ningbo Refrigerating Machinery Factory  | 12 and 18 months delays   | Nov-02                            |
| ECU/FOA/26/INV/24  | IBRD          | Elimination of CFC-11 in the fabrication of flexible foams by replacement with methylene chloride at an automobile and furniture component manufacturing plant belonging to Elasto S.A. | 12 and 18 months delays   | Sep-02                            |
| IDS/ARS/22/INV/61  | IBRD          | Conversion and aerosol filling center at PT Candi Swadaya Sentosa   | 18 months delays          | Jun-03                            |
| IDS/FOA/15/INV/20  | IBRD          | Elimination of CFC-11 in the manufacture of polyurethane foam sheet at Multi Karya Makmur   | 12 and 18 months delays   | Jun-02                            |
| IDS/FOA/23/INV/77  | IBRD          | Flexible boxfoam. Technical assistance programme for SMEs at Indonesian Foam Association (AFI)  | 12 months delays          | Dec-02                            |
| IDS/FOA/23/INV/78  | IBRD          | Technical assistance programme for SMEs for flexible polyurethane foam at Indonesian Foam Association (AFI)   | 12 months delays          | Dec-02                            |
| IND/ARS/22/INV/137 | IBRD          | Attarwala and Co. Pvt. Ltd. aerosol conversion, Bombay  | 12 and 18 months delays   | Apr-02                            |
| IND/REF/19/INV/92  | IBRD          | Elimination of CFCs in the manufacture of commercial refrigeration equipment at Chandra Frig Co. P., Ltd.   | 12 and 18 months delays   | Jul-02                            |
| IND/REF/22/INV/123 | IBRD          | Elimination of CFCs in the manufacture of commercial refrigeration equipment at Hindustan Refrigeration Industries  | 12 months delays          | Apr-02                            |
| IND/REF/22/INV/125 | IBRD          | Elimination of CFCs in the manufacture of domestic refrigerators at Maharaja International Ltd.   | 12 months delays          | Aug-02                            |

| <b>Code</b>        | <b>Agency</b> | <b>Project Title</b>  | <b>Category for delay</b> | <b>Planned Date of Completion</b> |
|--------------------|---------------|---|---------------------------|-----------------------------------|
| IND/REF/22/INV/126 | IBRD          | Conversion of domestic refrigerator manufacture to cyclopentane blowing agent and either R-600a or HCF-134a refrigerant at Voltas Ltd.  | 12 and 18 months delays   | Aug-02                            |
| IND/REF/22/INV/134 | IBRD          | Conversion of refrigerator manufacture to cyclopentane foam blowing agent and to HCF-134a refrigerant at Videocon Appliances Ltd.   | 12 and 18 months delays   | Apr-02                            |
| IND/REF/25/INV/183 | IBRD          | Elimination of CFC-11 and CFC-12 by converting to HCFC-141b and HFC-134a in the manufacture of domestic refrigerators at BPL Refrigeration Ltd.   | 12 months delays          | Sep-02                            |
| JOR/ARS/20/INV/26  | IBRD          | Aerosol conversion at Jordan Industrial Petrochemical Co. Ltd. (JIPCO)  | 12 months delays          | Mar-02                            |
| JOR/FOA/22/INV/32  | IBRD          | Conversion to CFC-free technology in the manufacture of flexible slabstock PUF (box foam) at Baybars  | 12 and 18 months delays   | May-02                            |
| PAK/FOA/17/INV/06  | IBRD          | Phaseout of CFC-11 in the manufacture of flexible PUF molded and integral skin at Master Group: (Master Enterprises Ltd., Durafoam Ltd., Khyber Plastic and Polymer Industries Ltd., Procon En) | 12 and 18 months delays   | May-02                            |
| PAK/FOA/23/INV/16  | IBRD          | Conversion to CFC-free technology in the manufacture of integral skin polyurethane foam at Synthetic Products Enterprises (Pvt) Ltd. (SPEL)   | 12 and 18 months delays   | Feb-02                            |
| PAK/FOA/23/INV/20  | IBRD          | Umbrella project: Conversion to CFC-free technology in the manufacture of rigid polyurethane foam (thermoware)  | 12 months delays          | Jun-03                            |
| PAK/FOA/23/INV/22  | IBRD          | Conversion to CFC-free technology in the manufacture of polyurethane foam (flexible slabstock, flexible moulded, rigid foam) at Diamond Group of Industries                                     | 12 and 18 months delays   | Mar-03                            |
| PAK/FOA/25/INV/25  | IBRD          | Terminal umbrella: Conversion to HCFC-141b and water blown technology in the manufacture of rigid polyurethane foam (thermoware)  | 12 months delays          | Jun-03                            |
| PAK/REF/23/INV/19  | IBRD          | Conversion to CFC-free technology in the manufacture of polyurethane foam (domestic refrigeration) at Cool Industries Ltd. (Waves)  | 12 months delays          | Dec-03                            |
| PAK/REF/25/INV/28  | IBRD          | Elimination of CFC-11 and CFC-12 by converting to HCFC-141b and HFC134a in the manufacture of commercial refrigeration equipment at Shadman Electronic Industries P. Ltd.                       | 12 and 18 months delays   | Sep-02                            |
| TUN/FOA/25/INV/32  | IBRD          | Conversion to LCD technology in the manufacture of polyurethane flexible foam and HCFC-141b with water in polyurethane rigid foam at Sotim  | 12 and 18 months delays   | Feb-02                            |

# ANNUAL PROGRESS REPORT

BANK-IMPLEMENTED  
MONTREAL PROTOCOL OPERATIONS

January - December 2001

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**ATTACHMENTS**

Annex A: Country Development and Institutional Strengthening Unit Highlights

Annex B: Progress and Financial Reporting Database

## I. PROJECT APPROVALS AND DISBURSEMENTS

### A. Annual Summary Data

1. Implementation of World Bank Multilateral Fund activities has progressed well in the calendar year 2001. With a cumulative ODP phaseout of 105,847 MT, 82 percent of the total ODP to be phased out through World Bank conversion projects has been achieved. Disbursement for the entire World Bank portfolio in the year 2001 is at US\$347,494,494. New project approvals by the MLF have increased the number of active projects in the Bank's portfolio by 29 to a total of 785.
2. The ODP phaseout target for 2001, which is one of the four weighted indicators approved by the Executive Committee (Decision 33/9), was set at 5510 MT in accordance with information known to the Bank during business planning in late 2000 and early 2001. Based on the annual ODP reductions reported for previous years and based on this year's performance, the World Bank has phased out 10,346 MT. In response to Executive Committee Decision 34/9(c) that requests the Bank to remove all indirect phaseout (amounting to over 4,000 MT), from projects approved prior to 2001, and in the process of completely overhauling its existing database, however, the World Bank has revised its historic ODP phaseout figures downwards by over 8000 MT. The cumulative phaseout becomes 105,847 ODP tons (as mentioned above) which will serve as the new base for measuring 2002 progress.
3. In 2001, the World Bank made a commitment to submit 100% of the project completion reports for projects completed in the 2001 PCR reporting period (July 2000-June 2001) to the Executive Committee. Forty-one projects completed and with a submission of 52 PCRs, the Bank has exceeded this target by 10 PCRs. The disbursement target was US\$54.52 million *including* agency support fees and actual disbursement was US\$39.32 million, *excluding* agency support fees. Approximate total disbursement with agency fees for 2001 is US\$43.25 million, meaning that the World Bank has reached 79 percent disbursement. This excludes another \$17 million for production closure plans which are committed and awaiting to be drawn down by the Government of China. ODS production phaseout has occurred in full as of December 31, 2001.
4. The World Bank strove to reach its fourth target of the number of countries with new approvals. 10 countries out of the 15 country-target received new approvals. A chiller sector project proposal, for an additional country, was deferred in 2001 by the Executive Committee pending the submission of a RMP by that particular country, and a project envisioned for a 12<sup>th</sup> country was not submitted due to a request by the country to defer submission.

**Table I.1: Annual Summary**

| Year Approved Implementation Characteristics | Number Of Approvals | Number of Completed | Percent Completed | ODP to be Phased out | ODP Phased Out | Percent of ODP Phased Out | Approved Funding (US\$) | Additional Funding (US\$) | Funds Transferred (US\$) | Total Adjustment (US\$) | Funds Disbursed (US\$) | Percent of Funds Disbursed | Balance (US\$)     | Planned Commitment in Current Year (US\$) | Admin Cost Actual (US\$) | Admin Cost Calculated (US\$) |                  |
|--|---------------------|---------------------|-------------------|----------------------|----------------|---------------------------|-------------------------|---------------------------|--------------------------|-------------------------|------------------------|----------------------------|--------------------|---|--------------------------|------------------------------|------------------|
| 1991   | 15                  | 15                  | 100               | 572                  | 632            | 111                       | 4,180,000               | 0                         | 126,208                  | -126,208                | 4,053,792              | 100                        | 0                  | 0   | 285,436                  | 441,758                      |                  |
| 1992   | 46                  | 45                  | 98                | 18,069               | 17,817         | 99                        | 27,314,076              | 1,646,000                 | 4,363,916                | -2,717,916              | 23,673,451             | 96                         | 756,080            | 447,484                                   | 950,977                  | 3,526,836                    |                  |
| 1993   | 28                  | 27                  | 96                | 1,745                | 1,997          | 114                       | 25,736,520              | 4,668,684                 | 3,426,009                | 1,242,675               | 26,638,963             | 99                         | 340,233            | 9,000                                     | 902,195                  | 3,785,424                    |                  |
| 1994   | 50                  | 43                  | 86                | 9,996                | 9,715          | 97                        | 44,672,887              | 1,257,104                 | 8,770,042                | -7,512,938              | 35,829,344             | 96                         | 1,330,605          | 1,238,551                                 | 1,670,366                | 5,795,438                    |                  |
| 1995   | 78                  | 72                  | 92                | 4,255                | 3,912          | 92                        | 50,409,887              | 0                         | 5,725,044                | -5,725,044              | 42,559,488             | 95                         | 2,125,355          | 846,618                                   | 4,667,500                | 6,485,301                    |                  |
| 1996   | 56                  | 47                  | 84                | 3,692                | 2,196          | 59                        | 34,252,428              | 655,456                   | 4,915,569                | -4,260,113              | 27,841,084             | 93                         | 2,136,170          | 1,297,516                                 | 4,452,817                | 4,538,027                    |                  |
| 1997   | 94                  | 66                  | 70                | 28,697               | 23,690         | 83                        | 63,042,202              | 1,120,798                 | 3,622,687                | -2,501,889              | 39,123,881             | 65                         | 21,416,432         | 7,712,677                                 | 7,823,486                | 7,961,663                    |                  |
| 1998   | 57                  | 37                  | 65                | 14,607               | 12,019         | 82                        | 41,105,054              | 2,191,193                 | 2,825,408                | -634,215                | 29,323,708             | 72                         | 11,147,131         | 5,779,677                                 | 4,780,697                | 5,034,231                    |                  |
| 1999   | 75                  | 35                  | 47                | 19,755               | 15,953         | 81                        | 58,562,577              | 10,296,280                | 2,724,866                | 7,571,414               | 45,702,878             | 69                         | 20,431,113         | 12,879,911                                | 6,198,688                | 7,133,673                    |                  |
| 2000   | 67                  | 40                  | 60                | 11,774               | 10,270         | 87                        | 38,425,604              | 0                         | 495,525                  | -495,525                | 22,943,233             | 60                         | 14,986,846         | 10,556,014                                | 3,744,868                | 3,744,868                    |                  |
| 2001   | 29                  | 6                   | 21                | 13,931               | 5,387          | 39                        | 48,898,483              | 6,320,000                 | -197,746                 | 6,517,746               | 18,487,766             | 33                         | 36,928,463         | 25,852,733                                | 4,482,838                | 5,044,438                    |                  |
| <b>Sub-Total</b>                             | <b>595</b>          | <b>433</b>          | <b>73</b>         | <b>127,094</b>       | <b>103,590</b> | <b>82</b>                 | <b>436,599,718</b>      | <b>28,155,515</b>         | <b>36,797,528</b>        | <b>-8,642,013</b>       | <b>316,177,589</b>     | <b>74</b>                  | <b>111,598,426</b> | <b>66,620,180</b>                         | <b>36,150,894.52</b>     | <b>53,491,657</b>            |                  |
| 1992   | 4                   | 4                   | 100               | 372                  | 372            | 100                       | 1,344,000               | 0                         | 66,845                   | -66,845                 | 1,277,155              | 100                        | 0                  | 0   | 0                        | 169,631                      |                  |
| 1993   | 20                  | 20                  | 100               | 574                  | 913            | 159                       | 11,938,000              | 333,381                   | 2,324,799                | -1,991,418              | 9,946,582              | 100                        | 0                  | 0   | 0                        | 1,539,678                    |                  |
| 1994   | 2                   | 2                   | 100               | 100                  | 100            | 100                       | 1,857,200               | 0                         | 363,807                  | -363,807                | 1,493,393              | 100                        | 0                  | 0   | 0                        | 189,030                      |                  |
| 1995   | 2                   | 2                   | 100               | 21                   | 21             | 100                       | 187,600                 | 0                         | 0                        | 0                       | 187,600                | 100                        | 0                  | 0   | 0                        | 23,978                       |                  |
| <b>Sub-Total</b>                             | <b>28</b>           | <b>28</b>           | <b>100</b>        | <b>1,067</b>         | <b>1,406</b>   | <b>132</b>                | <b>15,326,800</b>       | <b>333,381</b>            | <b>2,755,451</b>         | <b>-2,422,070</b>       | <b>12,904,730</b>      | <b>100</b>                 | <b>0</b>           | <b>0</b>                                  | <b>0</b>                 | <b>23,977.56</b>             | <b>1,922,317</b> |
| Disb. for Retroactive Projects               | 14                  | 14                  | 100               | 856                  | 851            | 99                        | 7,865,941               | 0                         | 1,514,916                | -1,514,916              | 6,351,025              | 100                        | 0                  | 0   | 485,477                  | 1,006,929                    |                  |
| <b>Sub-Total</b>                             | <b>14</b>           | <b>14</b>           | <b>100</b>        | <b>856</b>           | <b>851</b>     | <b>99</b>                 | <b>7,865,941</b>        | <b>0</b>                  | <b>1,514,916</b>         | <b>-1,514,916</b>       | <b>6,351,025</b>       | <b>100</b>                 | <b>0</b>           | <b>0</b>                                  | <b>485,477.33</b>        | <b>1,006,929</b>             |                  |
| Time Sensitive                               | 148                 | 148                 | 100               | 0                    | 0              | 0                         | 19,076,043              | 1,493,536                 | 8,508,429                | -7,014,893              | 12,061,150             | 100                        | 0                  | 0   | 0                        | 15,600                       | 8,996,173        |
| <b>Sub-Total</b>                             | <b>148</b>          | <b>148</b>          | <b>100</b>        | <b>0</b>             | <b>0</b>       | <b>0</b>                  | <b>19,076,043</b>       | <b>1,493,536</b>          | <b>8,508,429</b>         | <b>-7,014,893</b>       | <b>12,061,150</b>      | <b>100</b>                 | <b>0</b>           | <b>0</b>                                  | <b>0</b>                 | <b>15,600.00</b>             | <b>8,996,173</b> |
| <b>Total</b>                                 | <b>785</b>          | <b>623</b>          | <b>79</b>         | <b>129,017</b>       | <b>105,847</b> |                           | <b>478,868,502</b>      | <b>29,982,432</b>         | <b>49,576,324</b>        | <b>-19,593,892</b>      | <b>347,494,494</b>     | <b>76</b>                  | <b>111,598,425</b> | <b>66,620,180</b>                         | <b>36,675,949.41</b>     | <b>65,417,075</b>            |                  |

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

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

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

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

Note 4: Adjustments for subsequent approvals for existing projects and funds returned on approved projects are shown separately.

Note 5: Administrative support for projects approved before Jul 1995 includes only central administrative functions. Supervision is recorded with project preparation and is exhibited here.

Note 6: Administrative support for projects approved before Jul 1995 shown in last column "calculated" is a pro rata figure based on approved funding on a project by project basis (Dec. 34/4(f))

Note 7: Administrative support shown for projects on/after Jul 1995 is actual ExCom approval in both columns.

Note 8: Disbursed funding differs slightly than the what is shown in the other tables because of the inclusion of disbursement occurring for projects which were subsequently cancelled.

## B. Interest

3. The total interest earned on multilateral funds held by the Bank for the reporting period (January 1, 2001 to December 31, 2001) was US\$7,835,561. As of 31 December 2001 the cumulative interest earned was US\$45,521,535.

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

4. Table I.2 summarizes the entire portfolio of World Bank project approvals, adjustments and disbursements by type of project or activity. As can be seen from the table, the major proportion of the Bank's approved funding to date has gone for investment projects, US\$410,941,440. The amounts allocated for institutional strengthening and country program development are US\$2,687,739 and US\$2,132,806 respectively.

**Table I.2: Summary of Data by Project Type**

| Type                        | Number of Approvals | Number Completed | Percent Completed | Approved Funding (US\$) | Adjustment (US\$) | Funds Disbursed (US\$) | Percent of Funds Disbursed | Balance (US\$)     | Planned Commitments in Current Year (US\$) |
|-----------------------------|---------------------|------------------|-------------------|-------------------------|-------------------|------------------------|----------------------------|--------------------|--|
| Country Program             | 27                  | 26               | 96                | 2,132,806               | -630,074          | 1,452,732              | 97                         | 50,000             | 50,000                                     |
| Demonstration               | 4                   | 1                | 25                | 1,467,292               | 0                 | 743,609                | 51                         | 723,683            | 248,239                                    |
| Institutional Strengthening | 17                  | 10               | 59                | 2,687,739               | 201,262           | 2,069,848              | 72                         | 824,465            | 444,336                                    |
| Investment                  | 469                 | 327              | 70                | 410,941,440             | 11,441,109        | 314,277,904            | 74                         | 107,795,278        | 65,111,551                                 |
| Project Preparation         | 233                 | 229              | 98                | 24,481,243              | -3,729,524        | 20,467,842             | 99                         | 283,877            | 215,000                                    |
| Technical Assistance        | 32                  | 27               | 84                | 8,283,661               | -146,771          | 7,005,457              | 86                         | 1,388,922          | 551,055                                    |
| Training                    | 3                   | 3                | 100               | 357,876                 | -140,942          | 181,809                | 84                         | 0                  |  |
| <b>Total:</b>               | <b>785</b>          | <b>623</b>       | <b>76</b>         | <b>450,352,057</b>      | <b>6,995,060</b>  | <b>346,199,201</b>     | <b>76</b>                  | <b>111,066,225</b> | <b>66,620,180</b>                          |

## D. Sector Phaseout by Country

5. Table I.3 presents a summary list of sectors, which have received Multilateral Fund support through the Bank, by country and amount of ODS phased out. At the present time, the World Bank's portfolio of ODS phaseout projects has resulted in a phaseout of 105,847 MT in 19 countries.

**Table I.3: Sector Phaseout by Country**

| Country      | Aerosols      | Foams        | Fumigants | Halons        | Multi-sector | Other      | Phaseout Plan | Process Agent | Prod.         | Ref.         | Several  | Solvents   | Sterilants | Total          |
|--------------|---------------|--------------|-----------|---------------|--------------|------------|---------------|---------------|---------------|--------------|----------|------------|------------|----------------|
| Argentina    | 0             | 0            | 0         | 0             | 0            | 0          | 0             | 0             | 0             | 225          | 0        | 0          | 21         | 246            |
| Bahamas, The | 0             | 0            | 0         | 0             | 0            | 0          | 0             | 0             | 0             | 0            | 0        | 0          | 0          | 0              |
| Brazil       | 0             | 322          | 0         | 0             | 0            | 0          | 0             | 0             | 0             | 764          | 0        | 0          | 0          | 1,086          |
| Chile        | 0             | 66           | 0         | 0             | 0            | 0          | 0             | 0             | 0             | 52           | 0        | 0          | 0          | 118            |
| China        | 16,667        | 4,510        | 0         | 48,325        | 0            | 0          | 0             | 0             | 15,433        | 2,312        | 0        | 0          | 0          | 87,247         |
| Colombia     | 0             | 8            | 0         | 0             | 0            | 0          | 0             | 0             | 0             | 0            | 0        | 0          | 0          | 8              |
| Ecuador      | 82            | 126          | 0         | 0             | 0            | 0          | 0             | 0             | 0             | 16           | 0        | 0          | 0          | 224            |
| Egypt        | 0             | 0            | 0         | 0             | 0            | 0          | 0             | 0             | 0             | 0            | 0        | 0          | 0          | 0              |
| India        | 330           | 1,234        | 0         | 462           | 0            | 0          | 0             | 375           | 3,465         | 311          | 0        | 62         | 0          | 6,240          |
| Indonesia    | 0             | 1,200        | 0         | 682           | 0            | 54         | 0             | 0             | 0             | 624          | 0        | 22         | 0          | 2,583          |
| Jordan       | 196           | 279          | 0         | 0             | 0            | 0          | 0             | 0             | 0             | 0            | 0        | 0          | 0          | 475            |
| Malaysia     | 256           | 88           | 0         | 900           | 0            | 0          | 0             | 0             | 0             | 475          | 0        | 53         | 0          | 1,771          |
| Mexico       | 0             | 38           | 0         | 0             | 36           | 0          | 0             | 0             | 0             | 374          | 0        | 184        | 0          | 632            |
| Pakistan     | 0             | 91           | 0         | 0             | 0            | 0          | 0             | 0             | 0             | 0            | 0        | 0          | 0          | 91             |
| Philippines  | 0             | 0            | 0         | 0             | 0            | 350        | 0             | 0             | 0             | 396          | 0        | 104        | 0          | 850            |
| Thailand     | 0             | 435          | 0         | 0             | 0            | 0          | 0             | 0             | 0             | 870          | 0        | 96         | 0          | 1,401          |
| Tunisia      | 50            | 105          | 0         | 0             | 0            | 0          | 0             | 0             | 0             | 72           | 0        | 0          | 0          | 227            |
| Turkey       | 31            | 1,088        | 0         | 0             | 0            | 0          | 0             | 0             | 0             | 1,177        | 0        | 16         | 0          | 2,312          |
| Uruguay      | 0             | 3            | 0         | 0             | 0            | 0          | 0             | 0             | 0             | 21           | 0        | 0          | 0          | 24             |
| Venezuela    | 0             | 259          | 0         | 0             | 0            | 0          | 0             | 0             | 0             | 17           | 0        | 0          | 0          | 276            |
| Zimbabwe     | 0             | 0            | 0         | 0             | 0            | 0          | 0             | 0             | 0             | 35           | 0        | 0          | 0          | 35             |
| <b>Total</b> | <b>17,612</b> | <b>9,853</b> | <b>0</b>  | <b>50,369</b> | <b>36</b>    | <b>404</b> | <b>0</b>      | <b>375</b>    | <b>18,898</b> | <b>7,742</b> | <b>0</b> | <b>537</b> | <b>21</b>  | <b>105,847</b> |

6. The Bank has removed the ODP phaseout claimed for all projects involving indirect ODP phaseout with the exception of phaseout from commercial refrigeration projects in China. The cumulative amount of indirect phaseout from completed projects is 4184 MT.

7. Table I.4 and I.5 present forward commitments.

**Table I.4: Multiple Year Projects (Including Agency Fees)**

| <b>Code</b>                | <b>Agency</b> | <b>Country<br/>(Sector)</b> | <b>Project Title</b>                 | <b>Total Funds Approved Through 35th Meeting (US\$)</b> | <b>Existing and Planned Agreement for 2002 (US\$)</b> | <b>Amount Approved at 36th Meeting (US\$)</b> | <b>Amount Submitted to 37th Meeting (US\$)</b> | <b>Balance for 2002 Allocation (US\$)</b> | <b>Existing and Planned Agreement for 2003 (US\$)</b> | <b>Existing and Planned Agreement for 2004 to 2010 (US\$)</b> | <b>Total Agreement (US\$)</b> |
|----------------------------|---------------|-----------------------------|--------------------------------------|---|---|---|--|---|---|---|-------------------------------|
| <b>Existing Agreements</b> |               |                             |                                      |   |   |   |  |   |   |   |                               |
| BHA/PHA/35/INV/08          | IBRD          | Bahamas                     | Terminal Phaseout Management Plan    | 271,200   | -   |   |  | -   | 226,000   | 135,600   | 632,800                       |
| CPR/PRO/36/INV/391         | IBRD          | China                       | CFC Production                       | 50,600,000  | 13,910,000  | 13,910,000                                    |  | -   | 13,910,000  | 83,460,000  | 161,880,000                   |
| CPR/HAL/35/INV/383         | IBRD          | China                       | Halon Sector Plan                    | 44,990,000  | 6,490,000   |   |  | 6,490,000                                 | 1,320,000   | 15,400,000  | 68,200,000                    |
| CPR/FQA/35/INV/380         | IBRD          | China                       | Foam Sector Plan                     | 10,826,600  | 13,865,300  |   |  | 13,865,300                                | 11,864,270  | 22,235,970  | 58,792,140                    |
| IND/PRO/36/INV/352         | IBRD          | India                       | CFC Production                       | 36,720,000  | 6,480,000   | 6,480,000                                     |  | -   | 6,480,000   | 38,880,000  | 88,560,000                    |
| MAL/PHA/35/INV/145         | IBRD          | Malaysia                    | National CFC Phaseout Plan           | 1,940,335   | 3,228,281   |   | 3,228,281                                      | -   | 2,186,279   | 5,137,041   | 12,491,936                    |
| THA/PHA/35/INV/137         | IBRD          | Thailand                    | National CFC Phaseout Plan           | 567,000   | 5,653,874   |   | 5,653,874                                      | -   | 4,364,912   | 5,406,816   | 15,992,602                    |
| TUR/PHA/35/INV/75          | IBRD          | Turkey                      | Total CFC Phaseout                   | 3,795,000   | 2,675,000   |   | 2,675,000                                      | -   | 1,150,000   | 2,190,000   | 9,810,000                     |
| <b>Subtotal</b>            |               |                             |                                      | <b>149,710,135</b>                                      | <b>52,302,455</b>                                     | <b>20,390,000</b>                             | <b>11,557,155</b>                              | <b>20,355,300</b>                         | <b>41,501,461</b>                                     | <b>172,845,427</b>  | <b>416,359,478</b>            |
| <b>Planned Agreements</b>  |               |                             |                                      |   |   |   |  |   |   |   |                               |
|                            | IBRD          | Argentina                   | CFC Production                       |   |   |   |  |   | 2,970,000   | 24,580,270  | 27,550,270                    |
|                            | IBRD          | China                       | Process Agents *                     |   | 2,200,000   |   |  |   | 31,350,000  | 93,390,000  | 126,940,000                   |
|                            | IBRD          | Ecuador                     | National CFC Phaseout Plan           |   |   |   |  |   | 1,100,000   |   | 1,100,000                     |
|                            | IBRD          | India                       | Process Agents (Chlorinated Rubber)* |   | 2,200,000   |   |  |   | 22,071,930  |   | 24,271,930                    |
|                            | IBRD          | India                       | Chillers Sector Plan*                |   |   |   |  |   | 15,000,000  | 60,000,000  | 75,000,000                    |
|                            | IBRD          | Indonesia                   | Foam Sector Plan                     | -   | 1,112,000   |   |  | 1,112,000                                 | 3,300,000   | 9,350,000   | 13,762,000                    |
|                            | IBRD          | Philippines                 | National CFC Phaseout Plan           | -   | 508,500   |   |  | 508,500                                   | 5,500,000   | 7,700,000   | 13,708,500                    |
|                            | IBRD          | Venezuela                   | CFC Production                       |   |   |   |  |   | 1,100,000   | 7,370,000   | 8,470,000                     |
| <b>Subtotal</b>            |               |                             |                                      | <b>-</b>  | <b>6,020,500</b>                                      | <b>-</b>                                      | <b>-</b>                                       | <b>1,620,500</b>                          | <b>82,391,930</b>                                     | <b>202,390,270</b>  | <b>290,802,700</b>            |
| <b>Grand Total</b>         |               |                             |                                      | <b>149,710,135</b>                                      | <b>58,322,955</b>                                     | <b>20,390,000</b>                             | <b>11,557,155</b>                              | <b>21,975,800</b>                         | <b>123,893,391</b>                                    | <b>375,235,697</b>  | <b>707,162,178</b>            |

\*There are no established cost-effective values for these types of projects. Final costs of these projects may vary depending on the future decision of the ExCom.

**Table I.5: Allocation, Approvals and Submissions (Including Agency Fees)**

|                                  | <b>2002 Business Plan Allocation (US\$)</b> | <b>Amount Approved at the 36th Meeting (US\$)</b> | <b>Amount Submitted to 37th Meeting (US\$)</b> | <b>Balance of Allocation for 2002</b> |
|----------------------------------|---|---|--|---------------------------------------|
| <b>Investment Allocation</b>     |   |   |  |                                       |
| Existing Agreement               | 52,302,455                                  | 20,390,000  | 11,557,155                                     | 20,355,300                            |
| Planned Agreement                | 1,620,500                                   | -   | -  | 1,620,500                             |
| Project Preparation              | 1,509,000                                   | 604,550   | -  | 904,450                               |
| Other Investment                 | 3,068,045                                   | -   | -  | 3,068,045                             |
| <b>Subtotal</b>                  | <b>58,500,000</b>                           | <b>20,994,550</b>                                 | <b>11,557,155</b>                              | <b>25,948,295</b>                     |
| <b>Non-Investment Allocation</b> |   |   |  |                                       |
| Institutional Strengthening      | 1,082,690                                   | 204,680   | -  | 878,010                               |
| CAP                              |   |   |  |                                       |
| Other Non-Investment             | 186,450                                     | 50,850  | 113,000  | 22,600                                |
| <b>Subtotal</b>                  | <b>1,269,140</b>                            | <b>255,530</b>                                    | <b>113,000</b>                                 | <b>900,610</b>                        |
| <b>Bilateral Allocation</b>      |   |   |  |                                       |
| Planned Agreement                |   |   |  |                                       |
| Project Preparation              |   |   |  |                                       |
| Other Bilateral                  |   |   |  |                                       |
| <b>Grand Total</b>               | <b>59,769,140</b>                           | <b>21,250,080</b>                                 | <b>11,670,155</b>                              | <b>26,848,905</b>                     |

## II. PROJECT COMPLETIONS SINCE LAST REPORT

7. Projects completed during this reporting period (January 1, 2001 to December 31, 2001) are highlighted in Table II.1 below.

### A. ODP Phased Out Since Last Report

8. The total quantity of ODP phased out in association with the 36 projects completed during the reporting period amounts to 10,346 MT ODP, about 188 percent of the Bank's 2001 Business Plan target. These projects are 64 percent disbursed, leaving a current balance of US\$14.44 million.

### B. Non-Investment Project Completions Since Last Report

- (a) Country Programs: The World Bank has completed no Country Programs since the last report.
- (b) Technical Assistance: The World Bank has completed no technical assistance projects since the last report.
- (c) Training: In line with its practice of national execution, the World Bank engages financial agents (FAs) and other local executive agencies to implement and monitor projects. The World Bank provides ongoing training to the FAs through its administrative fees to ensure that they are aware of new Executive Committee decisions, while reinforcing their existing understanding of implementation, monitoring and reporting requirements. In 2001, the Fifth Annual FA workshop, held in Washington DC, again reunited FAs and NOU representatives from the five major regions where the Bank has agreements with Art. 5 countries to phase out ODS. In view of the changes in the MLF business which were especially emphasized in 2001 by the MLF Executive Committee in its decisions and project approvals, the FA workshop centered not only on a review of performance and training, but on strategic planning and future directions for the Bank's Montreal Protocol (MP) program. In addition, two, day-long sessions were held with FAs in China and India to review changes to the project completion report during the course of the year.

**Table II.1: Project Completions During Reporting Period**

| Project Name  | Region | Project Number |     |    |     |     | ODP Phased Out | Date Approved | First Disbursement Date | Date Completion (Actual) | Date of Financial Completion | Approved Funding (US\$) | Adjustment (US\$) | Funds Disbursed (US\$) | Percent of Funds Disbursed | Balance (US\$) | Planned Commitments in Current Year (US\$) |
|---|--------|----------------|-----|----|-----|-----|----------------|---------------|-------------------------|--------------------------|------------------------------|-------------------------|-------------------|------------------------|----------------------------|----------------|--|
| Conversion to non-CFC technology in the production of condensers for mobile air conditioning at Simon Cachan, S.A.                    | LAC    | ARG            | REF | 15 | INV | 16  | 0              | Dec-94        | Sep-97                  | Jan-01                   |                              | 2,738,217               | -459,396          | 2,278,821              | 100                        | 0              |  |
| Elimination of CFCs in the manufacturing plant of domestic refrigerators of Briket, S.A.  | LAC    | ARG            | REF | 18 | INV | 38  | 30             | Nov-95        | Feb-98                  | Oct-01                   | Nov-01                       | 726,400                 | 0                 | 726,400                | 100                        | 0              |  |
| Elimination of CFC-11 in the manufacture of rigid polyurethane foam through the use of HCFC-141b technology at Rojas Hnos., Ltda.     | LAC    | COL            | FOA | 28 | INV | 35  | 8              | Jul-99        | Aug-01                  | Jul-01                   | Dec-01                       | 64,206                  | 0                 | 64,206                 | 100                        | 0              |  |
| Conversion to CFC-free technology in the manufacture of flexible (slabstock) polyurethane foam at Qingyang Chemical Corp.             | ASP    | CPR            | FOA | 19 | INV | 157 | 90             | May-96        | Aug-99                  | Jun-01                   |                              | 362,000                 | 0                 | 339,000                | 94                         | 23,000         | 23,000                                     |
| Conversion of rigid and spray polyurethane foam manufacture from CFC-11 to HCFC-141b foam blowing agent at Yantai Moon Group Co. Ltd. | ASP    | CPR            | FOA | 23 | INV | 227 | 463            | Nov-97        | Sep-00                  | Oct-01                   |                              | 1,132,682               | 0                 | 143,268                | 13                         | 989,414        | 500,000                                    |

| Project Name   | Region | Project Number |     |    |     | ODP Phased Out | Date Approved | First Disbursement Date | Date Completion (Actual) | Date of Financial Completion | Approved Funding (US\$) | Adjustment (US\$) | Funds Disbursed (US\$) | Percent of Funds Disbursed | Balance (US\$) | Planned Commitments in Current Year (US\$) |         |
|--|--------|----------------|-----|----|-----|----------------|---------------|-------------------------|--------------------------|------------------------------|-------------------------|-------------------|------------------------|----------------------------|----------------|--|---------|
| Phaseout of CFC-11 in the manufacture of rigid polyurethane foam through the use of HCFC-141b at Zhenjiang Commercial Refrigeration Equipment General Plant                  | ASP    | CPR            | FOA | 27 | INV | 276            | 31            | Mar-99                  | Jan-00                   | Nov-01                       |                         | 145,376           | 0                      | 123,865                    | 85             | 21,511                                     | 21,511  |
| Phaseout of CFC-11 in the manufacture of rigid polyurethane foam through the use of HCFC-141b at Qingdao Changlong Commercial Machinery Co. Ltd.                             | ASP    | CPR            | FOA | 27 | INV | 270            | 58            | Mar-99                  | Jun-00                   | Oct-01                       |                         | 451,791           | 0                      | 258,153                    | 57             | 193,638                                    | 193,638 |
| Phaseout of CFC-11 by conversion to HCFC-141b technology in the manufacture of rigid polyurethane insulation foam at Heilongjiang Commercial Installation Corporation        | ASP    | CPR            | FOA | 28 | INV | 292            | 53            | Jul-99                  | Sep-00                   | Sep-01                       |                         | 411,858           | 0                      | 74,733                     | 18             | 337,125                                    | 208,124 |
| Phase out of CFC-11 by conversion to HCFC-141b technology in the manufacture of rigid polyurethane insulation foam at Chengde Machinery Installation Co. Qinghuangdao Branch | ASP    | CPR            | FOA | 29 | INV | 310            | 20            | Nov-99                  | Sep-00                   | Sep-01                       |                         | 156,600           | 0                      | 120,093                    | 77             | 36,507                                     | 13,306  |

| Project Name   | Region | Project Number |     |    |     | ODP Phased Out | Date Approved | First Disbursement Date | Date Completion (Actual) | Date of Financial Completion | Approved Funding (US\$) | Adjustment (US\$) | Funds Disbursed (US\$) | Percent of Funds Disbursed | Balance (US\$) | Planned Commitments in Current Year (US\$) |           |
|--|--------|----------------|-----|----|-----|----------------|---------------|-------------------------|--------------------------|------------------------------|-------------------------|-------------------|------------------------|----------------------------|----------------|--|-----------|
| Phase out of CFC-11 by conversion to HCFC-141b technology in the manufacture of rigid polyurethane insulation foam at Yangzhou Tongli Refrigeration Container Co. Ltd. | ASP    | CPR            | FOA | 29 | INV | 321            | 15            | Nov-99                  | Sep-00                   | Nov-01                       |                         | 114,513           | 0                      | 1,293                      | 1              | 113,220                                    | 16,404    |
| Sector plan for halon phaseout in China, 2001 Annual Programme   | ASP    | CPR            | HAL | 32 | INV | 364            | 3,369         | Dec-00                  |                          | Dec-01                       |                         | 4,500,000         | 0                      | 0                          | 0              | 4,500,000                                  | 4,500,000 |
| Sector plan for CFC production phaseout: 2001 annual programme   | ASP    | CPR            | PRO | 33 | INV | 370            | 3,804         | Mar-01                  | Jul-01                   | Dec-01                       |                         | 6,500,000         | 6,500,000              | 7,000,000                  | 54             | 6,000,000                                  | 6,000,000 |
| Conversion of manufacturing facilities from CFC-11 foaming agent to cyclopentane and CFC-12 refrigerant to HFC-134a at Gansu Changfeng Baoan Industry Co. Ltd.         | ASP    | CPR            | REF | 20 | INV | 176            | 65            | Oct-96                  | Jun-97                   | Oct-01                       |                         | 634,150           | 260,000                | 634,200                    | 71             | 259,950                                    | 250,000   |
| Replacement of CFC-12 refrigerant with HFC-134a at a manufacturing plant of domestic refrigerators belonging to Ecuatoriana de Artefactos S.A. (ECASA)                 | LAC    | ECU            | REF | 26 | INV | 26             | 16            | Nov-98                  | Dec-01                   | Nov-01                       |                         | 188,545           | 0                      | 188,545                    | 100            | 0  |           |
| Elimination of CFC-12 in the manufacture of extruded polyethylene foam sheet at PT. Tara Guna Foam   | ASP    | IDS            | FOA | 23 | INV | 73             | 35            | Nov-97                  | Oct-01                   | Dec-01                       |                         | 287,700           | 0                      | 199,516                    | 69             | 88,184                                     | 29,280    |
| Phase-out of CFC-11  | ASP    | IDS            | FOA | 29 | INV | 111            | 12            | Nov-99                  | Sep-01                   | Dec-01                       |                         | 56,118            | 0                      | 8,343                      | 15             | 47,775                                     | 17,618    |

| Project Name   | Region | Project Number |     |    |     | ODP Phased Out | Date Approved | First Disbursement Date | Date Completion (Actual) | Date of Financial Completion | Approved Funding (US\$) | Adjustment (US\$) | Funds Disbursed (US\$) | Percent of Funds Disbursed | Balance (US\$) | Planned Commitments in Current Year (US\$) |
|--|--------|----------------|-----|----|-----|----------------|---------------|-------------------------|--------------------------|------------------------------|-------------------------|-------------------|------------------------|----------------------------|----------------|--|
| by conversion to HCFC-141b in the manufacture of rigid polyurethane foam (sprayfoam) at CV Sumber Logam                      |        |                |     |    |     |                |               |                         |                          |                              |                         |                   |                        |                            |                |  |
| Phaseout of CFC-11 by conversion to HCFC-141b in the manufacture of rigid polyurethane foam (sprayfoam) at Kimura Fiberglass | ASP    | IDS            | FOA | 29 | INV | 118            | 21            | Nov-99                  | Oct-01                   | Dec-01                       | 69,385                  | 0                 | 8,593                  | 12                         | 60,792         | 32,000                                     |
| Accra Pack India Pvt. Ltd. aerosol conversion  | ASP    | IND            | ARS | 22 | INV | 114            | 52            | May-97                  | Feb-99                   | Apr-01                       | 129,690                 | 0                 | 121,860                | 94                         | 7,830          |  |
| Phaseout of use of carbon tetrachloride as process agent in the production of endosulphhan by Excel Industries Limited       | ASP    | IND            | PAG | 28 | INV | 217            | 375           | Jul-99                  | Nov-00                   | Mar-01                       | 366,000                 | 0                 | 346,500                | 95                         | 19,500         |  |
| CFC production sector gradual phase-out project: 2001 annual programme   | ASP    | IND            | PRO | 33 | INV | 295            | 1,583         | Mar-01                  | Apr-01                   | Dec-01                       | 11,000,000              | 0                 | 9,657,000              | 88                         | 1,343,000      | 1,343,000                                  |
| Elimination of CFCs in the manufacture of commercial refrigeration equipment at Rabi-Run Refrigeration P., Ltd.              | ASP    | IND            | REF | 19 | INV | 89             | 14            | May-96                  | Oct-97                   | Jan-01                       | 142,622                 | 0                 | 140,194                | 98                         | 2,428          |  |
| Elimination of CFCs in the manufacture of commercial refrigeration equipment at Shakti Fabricators                           | ASP    | IND            | REF | 19 | INV | 91             | 14            | May-96                  | Jul-97                   | Sep-01                       | 159,230                 | 0                 | 89,054                 | 56                         | 70,176         | 40,000                                     |

| Project Name   | Region | Project Number |     |    |     | ODP Phased Out | Date Approved | First Disbursement Date | Date Completion (Actual) | Date of Financial Completion | Approved Funding (US\$) | Adjustment (US\$) | Funds Disbursed (US\$) | Percent of Funds Disbursed | Balance (US\$) | Planned Commitments in Current Year (US\$) |
|--|--------|----------------|-----|----|-----|----------------|---------------|-------------------------|--------------------------|------------------------------|-------------------------|-------------------|------------------------|----------------------------|----------------|--|
| Elimination of CFCs in the manufacture of commercial refrigeration equipment at Supercold Refrigeration Systems P. Ltd.  | ASP    | IND            | REF | 20 | INV | 105            | 11            | Oct-96                  | Dec-00                   | Mar-01                       |                         | 133,770           | 0                      | 77,905                     | 58             | 55,865                                     |
| Renewal of institutional strengthening (phase II)  | ASP    | JOR            | SEV | 28 | INS | 51             | 0             | Jul-99                  | Aug-99                   | Jul-01                       | Jul-01                  | 113,333           | 0                      | 113,333                    | 100            | 0  |
| Elimination of CFC-11 in the manufacture of polyurethane cold-room insulation panels/truck container panels at Kejuruteraan Transfreeze Sdn Bhd                    | ASP    | MAL            | FOA | 19 | INV | 87             | 11            | May-96                  | Feb-00                   | Nov-01                       | May-00                  | 71,500            | -6,500                 | 65,000                     | 100            | 0  |
| Elimination of CFC-11 in the manufacture of polyurethane refrigerator panels at Penang Trading Co.   | ASP    | MAL            | FOA | 19 | INV | 86             | 11            | May-96                  | Feb-00                   | Dec-01                       | May-00                  | 71,500            | -6,500                 | 65,000                     | 100            | 0  |
| Conversion of CFC-12 to HFC-134a technology in the production of MAC systems at Airtemp  | LAC    | MEX            | REF | 34 | INV | 102            | 0             | Jul-01                  | Dec-01                   | Nov-01                       |                         | 1,651,430         | 0                      | 1,618,766                  | 98             | 32,664                                     |
| Elimination of CFC-11 through conversion to methylene chloride/LIA technology in the manufacture of flexible polyurethane slabstock foam at United Foam Industries | ASP    | PAK            | FOA | 26 | INV | 29             | 29            | Nov-98                  | Dec-00                   | Dec-01                       |                         | 178,200           | 0                      | 160,380                    | 90             | 17,820                                     |

| Project Name   | Region | Project Number |     |    |     | ODP Phased Out | Date Approved | First Disbursement Date | Date Completion (Actual) | Date of Financial Completion | Approved Funding (US\$) | Adjustment (US\$) | Funds Disbursed (US\$) | Percent of Funds Disbursed | Balance (US\$) | Planned Commitments in Current Year (US\$) |  |
|--|--------|----------------|-----|----|-----|----------------|---------------|-------------------------|--------------------------|------------------------------|-------------------------|-------------------|------------------------|----------------------------|----------------|--|--|
| Conversion from CFC-11 to HCFC-141b technology in the manufacture of rigid polyurethane foam at Siam Steel International PLC                                     | ASP    | THA            | FOA | 27 | INV | 111            | 27            | Mar-99                  | Aug-01                   | May-01                       | 196,981                 | 0                 | 99,000                 | 50                         | 97,981         | 97,981                                     |  |
| Conversion from CFC-11 to HCFC-141b technology in the manufacture of rigid foam at Willich Sales & Contracting Co. Ltd.  | ASP    | THA            | FOA | 27 | INV | 112            | 16            | Mar-99                  | Mar-01                   | Aug-01                       | 58,630                  | 0                 | 44,880                 | 77                         | 13,750         | 13,750                                     |  |
| Conversion from CFC-11 to water based and HCFC-141b technology in the manufacture of integral skin polyurethane foam and rigid moulded foam at Jennings Co. Ltd. | ASP    | THA            | FOA | 27 | INV | 113            | 14            | Mar-99                  | May-00                   | Feb-01                       | Oct-01                  | 125,249           | 0                      | 125,249                    | 100            | 0  |  |
| Conversion from CFC-11 to HCFC-141b technology in the manufacture of commercial refrigeration equipment at Arco Industry Co., Ltd                                | ASP    | THA            | FOA | 28 | INV | 130            | 16            | Jul-99                  | Dec-01                   | Sep-01                       | 131,544                 | 0                 | 98,996                 | 75                         | 32,548         |  |  |
| Conversion to HCFC-141b technology in the manufacture of commercial refrigerator and display cabinets at Makassan Metal Works                                    | ASP    | THA            | FOA | 28 | INV | 116            | 9             | Jul-99                  | Feb-01                   | Feb-01                       | 72,819                  | 0                 | 66,321                 | 91                         | 6,498          | 6,498                                      |  |

| Project Name   | Region | Project Number |     |    |     | ODP Phased Out | Date Approved | First Disbursement Date | Date Completion (Actual) | Date of Financial Completion | Approved Funding (US\$) | Adjustment (US\$) | Funds Disbursed (US\$) | Percent of Funds Disbursed | Balance (US\$) | Planned Commitments in Current Year (US\$) |                   |
|--|--------|----------------|-----|----|-----|----------------|---------------|-------------------------|--------------------------|------------------------------|-------------------------|-------------------|------------------------|----------------------------|----------------|--|-------------------|
| Conversion from CFC-11 to HCFC-141b technology in the manufacture of rigid polyurethane foam (sprayfoam and blocks) at Isotech | ASP    | THA            | FOA | 32 | INV | 133            | 23            | Dec-00                  | Oct-01                   | Nov-01                       | 144,943                 | 0                 | 79,750                 | 55                         | 65,193         | 65,193                                     |                   |
| Conversion from CFCs and MCF into HAPs and CO2 for technical aerosols at Beta  | EUR    | TUR            | ARS | 31 | INV | 66             | 31            | Jul-00                  | Feb-01                   | Jan-01                       | 137,456                 | 0                 | 137,456                | 100                        | 0              | 0  |                   |
| Conversion from CFC-11 into low index additive (LIA) technology for flexible slabstock foam at Elta                            | EUR    | TUR            | FOA | 28 | INV | 55             | 21            | Jul-99                  | Feb-01                   | Jun-01                       | 130,597                 | -20,000           | 110,597                | 100                        | 0              | 0  |                   |
| <b>Total</b>   |        |                |     |    |     |                | <b>10,346</b> |                         |                          |                              | <b>33,555,035</b>       | <b>6,267,604</b>  | <b>25,386,270</b>      |                            | <b>64</b>      | <b>14,436,369</b>                          | <b>13,421,788</b> |

### **III. GLOBAL AND REGIONAL PROJECT HIGHLIGHTS**

#### **A. Global Projects**

9. The World Bank has no outstanding global projects.

#### **B. Regional Projects**

10. The World Bank has no outstanding regional projects.

## IV. PERFORMANCE INDICATORS

### A. Agency Business Plan Performance Goals

11. Table IV.1 summarizes the World Bank's performance relative to indicators on delivery speed, ODP phaseout and cost-effectiveness established for the business planning process.

**Table IV.1: World Bank Business Plan Performance Goals**

| Indicator      | Measure    | Unit            | 1991   | 1992  | 1993   | 1994  | 1995  | 1996  | 1997  | 1998  | 1999  | 2000  | 2001  | Overall |
|----------------|------------|-----------------|--------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|---------|
| Delivery Speed | Signing    | Mos.            | 43.69  | 34.56 | 28.84  | 21.16 | 15.21 | 12.69 | 14.58 | 13.00 | 8.84  | 6.00  | 0.00  | 18.30   |
|                | First Disb | Mos.            | 47.20  | 43.18 | 34.05  | 26.42 | 22.23 | 21.00 | 23.94 | 17.72 | 18.02 | 9.80  | 0.00  | 24.74   |
|                | Last Disb  | Mos.            | 51.90  | 59.10 | 55.08  | 52.10 | 47.56 | 46.25 | 37.06 | 27.75 | 19.96 | 12.25 | 3.33  | 42.04   |
| ODP Phaseout   | Amount     | Percentage      | 111.23 | 98.63 | 123.73 | 97.21 | 92.12 | 59.54 | 82.90 | 82.34 | 80.76 | 87.23 | 38.67 | 82.04   |
|                | Speed      | Mos.            | 54.07  | 53.46 | 44.15  | 45.00 | 37.00 | 35.80 | 26.26 | 19.41 | 21.91 | 8.60  | 7.33  | 37.64   |
| Cost Effective | Average    | US\$ per Kg ODP | 7.46   | 1.05  | 11.72  | 3.06  | 8.34  | 7.24  | 2.00  | 2.43  | 2.61  | 3.09  | 3.48  | 2.92    |

1. Projects approved in 1996 (at the 19th meeting) were not funded until after the reporting period was completed. Therefore, implementation of these projects did not begin until after June 30, 1996.

2. Prior to November 1995, a Financial Intermediary fee of 3 percent (on average) was included in the cost of the project.

12. Net emissions estimated in the 2001 Business Plan was set at 1,600 MT *savings*. Actual net emissions calculated in 2001 are 15,300 MT. Cost of project preparation was planned to be 3.64 percent of total submissions. Actual project preparation cost of \$749,000 was 1.37 percent based on investment project approvals in 2001.

13. The Bank completed one non-investment project in the reporting period. The overall speed of first disbursement was set at 19 months and is only 17 months overall at the end of 2001. Overall speed of completion was expected to be 33 months and is 32 months by the end of the reporting period. Total funds disbursed for non-investment activities (excluding demonstration and recovery and recycling projects) in 2001 is US \$99,038. Policy measures in Chile, to seek approval of ODS import/export monitoring systems from its parliament and in Turkey, to develop an electronic database system and organize training activities for MeBr fumigators have been accomplished as planned in the 2001 Business Plan.

**TABLE IV.2: World Bank Business Plan Performance Goals – Non-Investment**

| Indicator         | Measure         | Unit | 1991  | 1992  | 1993  | 1994  | 1995  | 1996  | 1997  | 1998  | 1999  | 2000 | 2001 | OVERALL |
|-------------------|-----------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|---------|
| Speed of Delivery | First Disburse. | Mos. | 14.21 | 24.60 | 15.40 | 11.38 | 12.50 | 5.00  | 7.00  | 5.67  | 18.25 | 0.00 | 0.00 | 17.03   |
|                   | To Completion   | Mos. | 21.57 | 40.88 | 39.36 | 17.00 | 28.17 | 24.00 | 19.00 | 29.00 | 24.00 | 0.00 | 0.00 | 31.63   |

### B. Cumulative Completed Investment Projects

12. Since 1991, the World Bank's cumulative total of completed investment projects has grown to 327, resulting in 105,847 (adjusted) MT of ODP phaseout. Out of a total of US\$293,347,841 of approved Multilateral Fund financing for completed projects, 91 percent of funds has been disbursed. The average number of months from approval to first disbursement has been 23, the average number of months from approval to completion has been 35, at an average cost-effectiveness of US\$2.59/kg. These averages include projects prepared both before and after initiation of the Umbrella Grant Agreement approval process. Please see Table IV.1 for trends in these indicators.

**Table IV. 3: Cumulative Completed Investment Projects**

| Item  | Number of Projects | Approved Funds Plus Adjustment | Percent of Funds Disbursed | Average Number of Months From Approval to First Disbursement | Average Number of Months From Approval to Completion | Overall Cost-Effectiveness to the Fund (US\$/kg) |
|---|--------------------|--------------------------------|----------------------------|--|--|--|
| GRAND TOTAL                                 | 327                | 293,347,841                    | 91                         | 23   | 35   | 2.59   |
| <b>Region</b>                               |                    |                                |                            |  |  |  |
| AFR   | 9                  | 3,720,399                      | 86                         | 32   | 42   | 16.84  |
| ASP   | 237                | 241,472,377                    | 90                         | 22   | 34   | 2.19   |
| EUR   | 24                 | 15,435,257                     | 100                        | 10   | 18   | 6.69   |
| LAC   | 57                 | 32,719,808                     | 100                        | 32   | 46   | 14.30  |
| <b>Sector</b>                               |                    |                                |                            |  |  |  |
| Aerosols                                    | 20                 | 10,207,780                     | 100                        | 25   | 39   | 0.58   |
| Foams                                       | 134                | 47,010,716                     | 92                         | 23   | 35   | 4.73   |
| Halons                                      | 8                  | 40,080,000                     | 76                         | 16   | 33   | 0.61   |
| Multi-sector                                | 2                  | 58,599                         | 0                          | 0  | 67   | 0.00   |
| Other                                       | 2                  | 5,059,360                      | 100                        | 28   | 40   | 12.52  |
| Process Agent                               | 1                  | 366,000                        | 95                         | 16   | 20   | 0.92   |
| Production                                  | 7                  | 80,107,120                     | 88                         | 7  | 8  | 3.71   |
| Refrigeration                               | 127                | 101,045,875                    | 98                         | 24   | 38   | 14.52  |
| Solvents                                    | 25                 | 9,017,297                      | 100                        | 23   | 24   | 16.80  |
| Sterilants                                  | 1                  | 395,095                        | 100                        | 3  | 18   | 19.10  |
| <b>Implementing Characteristics</b>         |                    |                                |                            |  |  |  |
| National                                    | 327                | 293,347,841                    | 91                         | 23   | 35   | 2.59   |
| <b>Time or Objective-Sensitive Accounts</b> |                    |                                |                            |  |  |  |
| Objective Sensitive                         | 327                | 293,347,841                    | 91                         | 23   | 35   | 2.59   |
| <b>Disbursement Method</b>                  |                    |                                |                            |  |  |  |
| Disb. for Retroactive Projects              | 14                 | 6,351,025                      | 100                        | 0  | 0  | 7.47   |
| Disbursement after Completion               | 23                 | 11,126,575                     | 100                        | 29   | 24   | 10.73  |
| Disbursement during Implementation          | 290                | 275,870,241                    | 91                         | 23   | 38   | 2.46   |

### C. Cumulative Completed Non-Investment Projects

13. Since 1991, the World Bank's cumulative total of completed non-investment projects has grown to 67. Out of a total of US\$10,013,743 of approved Multilateral Fund financing, 101 percent of funds has been disbursed (this is due to early line of grant projects in Tunisia and Jordan with approved funding which was redistributed among investment and non-investment projects under the grant. Overall disbursement for these line of grant projects is within the approved amount). As these are non-investment projects, funds are usually made available very quickly, thus the average number of months from approval to first disbursement has been 15, the average number of months from approval to completion has been 31.

**Table IV.4: Cumulative Completed Non-Investment Projects**

| Item  | Number of Projects | Approved Funds plus Adjustment (US\$) | Percent of Funds Disbursed | Average Number of Months from Approval to First Disbursement | Average Number of Months from Approval to Completion |
|---|--------------------|---------------------------------------|----------------------------|--|--|
| GRAND TOTAL                                 | 67                 | 10,013,743                            | 101                        | 15   | 31   |
| <b>Region</b>                               |                    |                                       |                            |  |  |
| AFR   | 11                 | 1,351,319                             | 119                        | 12   | 28   |
| ASP   | 20                 | 5,284,146                             | 98                         | 14   | 38   |
| EUR   | 6                  | 779,512                               | 98                         | 16   | 34   |
| GLO   | 8                  | 206,896                               | 100                        | 0  | 15   |
| LAC   | 22                 | 2,391,870                             | 99                         | 22   | 32   |
| <b>Sector</b>                               |                    |                                       |                            |  |  |
| Aerosols                                    | 2                  | 372,662                               | 100                        | 16   | 45   |
| Foams                                       | 2                  | 1,671,013                             | 100                        | 33   | 51   |
| Multi-sector                                | 1                  | 53,792                                | 100                        | 56   | 58   |
| Refrigeration                               | 12                 | 3,621,845                             | 104                        | 37   | 49   |
| Several                                     | 50                 | 4,294,431                             | 99                         | 8  | 25   |
| <b>Implementing Characteristics</b>         |                    |                                       |                            |  |  |
| Agency                                      | 35                 | 1,859,628                             | 100                        | 1  | 14   |
| National                                    | 32                 | 8,154,115                             | 101                        | 30   | 50   |
| <b>Time or Objective-Sensitive Accounts</b> |                    |                                       |                            |  |  |
| Objective Sensitive                         | 34                 | 8,504,115                             | 101                        | 28   | 48   |
| Time Sensitive                              | 33                 | 1,509,628                             | 100                        | 1  | 13   |
| <b>Disbursement Method</b>                  |                    |                                       |                            |  |  |
| Disbursement after Completion               | 1                  | 908,155                               | 100                        | 25   | 64   |
| Disbursement during Implementation          | 66                 | 9,105,588                             | 101                        | 15   | 31   |

#### D. Cumulative Ongoing Investment Projects

14. Since 1991, the World Bank's cumulative total of ongoing investment projects has grown to 142. Out of a total of US\$129,034,708 of approved Multilateral Fund financing, 36 percent of funds has been disbursed. The average number of months from approval to first disbursement has been 24, the average number of months from the end of the reporting period to current expected completion is 49, with an average cost-effectiveness of US\$5.52/kg.

**Table IV.5: Cumulative Ongoing Investment Projects**

| <b>Item</b>                                 | <b>Number Of Projects</b> | <b>Approved Funds plus Adjustment</b> | <b>Percent of Funds Disbursed</b> | <b>Average Number of Months from Approval</b> | <b>Average Number of Months Currently Expected until Completion</b> | <b>Overall Cost-Effectiveness to the Fund (US\$/kg)</b> |
|---|---------------------------|---------------------------------------|-----------------------------------|---|---|---|
| Grand Total                                 | 142                       | 129,034,708                           | 36                                | 24  | 49  | 5.52  |
| <b>Region</b>                               |                           |                                       |                                   |   |   |   |
| AFR   | 7                         | 1,523,298                             | 18                                | 14  | 38  | 6.21  |
| ASP   | 105                       | 107,452,892                           | 35                                | 25  | 50  | 4.96  |
| EUR   | 6                         | 5,554,192                             | 4                                 | 7   | 29  | 19.81   |
| LAC   | 24                        | 14,504,326                            | 53                                | 27  | 49  | 12.10   |
| <b>Sector</b>                               |                           |                                       |                                   |   |   |   |
| Aerosols                                    | 6                         | 2,086,335                             | 23                                | 36  | 51  | 1.13  |
| Foams                                       | 69                        | 41,890,305                            | 12                                | 24  | 47  | 5.18  |
| Fumigants                                   | 2                         | 845,480                               | 29                                | 11  | 32  | 10.57   |
| Halons                                      | 7                         | 8,285,736                             | 0                                 | 21  | 46  | 1.14  |
| Multi-sector                                | 2                         | 3,800,000                             | 60                                | 28  | 58  | 5.67  |
| Phaseout Plan                               | 4                         | 6,079,940                             | 0                                 | 0   | 15  | 52.87   |
| Process Agent                               | 1                         | 2,074,300                             | 0                                 | 5   | 37  | 8.34  |
| Refrigeration                               | 47                        | 62,995,036                            | 61                                | 28  | 56  | 12.49   |
| Solvents                                    | 4                         | 977,576                               | 2                                 | 16  | 35  | 26.56   |
| <b>Implementing Characteristics</b>         |                           |                                       |                                   |   |   |   |
| National                                    | 142                       | 129,034,708                           | 36                                | 24  | 49  | 5.52  |
| <b>Time or Objective-Sensitive Accounts</b> |                           |                                       |                                   |   |   |   |
| Objective Sensitive                         | 142                       | 129,034,708                           | 36                                | 24  | 49  | 5.52  |
| <b>Disbursement Method</b>                  |                           |                                       |                                   |   |   |   |
| Disbursement during Implementation          | 142                       | 129,034,708                           | 36                                | 24  | 49  | 5.52  |

## E. Cumulative Ongoing Non-Investment Projects

15. Since 1991, the World Bank's cumulative total of ongoing non-investment projects has grown to 16. Out of a total of US\$4,199,106 of approved Multilateral Fund financing, 32 percent of funds has been disbursed. The average number of months from approval to first disbursement has been 23, the average number of months from the end of the reporting period to current expected completion is 44.

**Table IV.6: Cumulative Ongoing Non-Investment Projects**

| Item  | Number Of Projects | Approved Funds plus Adjustment | Percent of Funds Disbursed | Average Number of Months from Approval | Average Number of Months Currently Expected Until Completion |
|---|--------------------|--------------------------------|----------------------------|--|--|
| Grand Total                                 | 16                 | 4,199,106                      | 32                         | 23                                     | 44   |
| <b>Region</b>                               |                    |                                |                            |  |  |
| AFR   | 1                  | 186,700                        | 74                         | 0                                      | 65   |
| ASP   | 8                  | 2,313,612                      | 40                         | 27                                     | 47   |
| EUR   | 1                  | 200,000                        | 0                          | 12                                     | 25   |
| LAC   | 6                  | 1,498,794                      | 17                         | 25                                     | 40   |
| <b>Sector</b>                               |                    |                                |                            |  |  |
| Fumigants                                   | 4                  | 1,047,374                      | 23                         | 20                                     | 38   |
| Halons                                      | 2                  | 776,820                        | 0                          | 31                                     | 49   |
| Refrigeration                               | 2                  | 1,227,000                      | 65                         | 71                                     | 105  |
| Several                                     | 8                  | 1,147,912                      | 25                         | 11                                     | 31   |
| Agency                                      | 1                  | 50,000                         | 0                          | 17                                     | 24   |
| <b>Implementing Characteristics</b>         |                    |                                |                            |  |  |
| National                                    | 15                 | 4,149,106                      | 32                         | 24                                     | 45   |
| <b>Time or Objective-Sensitive Accounts</b> |                    |                                |                            |  |  |
| Objective Sensitive                         | 16                 | 4,199,106                      | 32                         | 23                                     | 44   |
| <b>Disbursement Method</b>                  |                    |                                |                            |  |  |
| Disbursement during Implementation          | 16                 | 4,199,106                      | 32                         | 23                                     | 44   |

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

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

16. At the 35<sup>th</sup> Executive Committee Meeting, a Terminal CFC Phaseout Management Plan was approved for the Bahamas. Because the World Bank did not have an existing agreement with the country for MP operations, a new grant agreement must be established. The agreement process was initiated in 2001 following project approval. The draft grant agreement is expected to be completed by the Bank in May 2002 after which it will be presented to the Government of Bahamas for formal signing.

17. To facilitate effective implementation of the National CFC Phaseout Plans in Malaysia and in Thailand which were approved in December 2001, the exiting grant agreements (GA) had to be amended. The Bank Task Team has been working closely with its legal team and other appropriate Bank personnel and with the Governments of Malaysia and Thailand since October 2001. The GAs will be amended to extend the existing agreements to 2010, allow inclusion of other Financial Intermediaries (FI) and, incorporate additional operational guidelines for projects with SMEs (based on experience from previous MLF projects). In addition, the amendments will incorporate new requirements for institutional strengthening activities encapsulated by Executive Committee Decision 33/12.

18. The Thai Chiller Replacement Program, which is funded by both the MLF and the GEF, also required a new legal agreement as it involves loans and return of funding at the end of the project, which differs from previous MLF projects implemented by the Bank. In 2001, the appraisal of the project was completed, the loan agreement negotiation process with the Government of Thailand was concluded and legal documents were finalized for formal signing. The effective date of the loan is December 4, 2001.

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

19. A list of active World Bank project preparation activities is presented in the table below. Total funds approved for these projects is US\$275,000 and total funds disbursed to date amount to US\$60,000, or 22 percent of total approved funding plus adjustments to date. Planned additional commitments for these projects are US\$215,000.

**Table V.1: Active Project Preparation**

| Region       | Project Number |     |    |     |     | Project Name  | First Disbursement Date | Approved Funding (US\$) | Adjustment (US\$) | Funds Disbursed (US\$) | Percentage of Funds Disbursed | Balance (US\$) | Planned Commitment in Current Year |
|--------------|----------------|-----|----|-----|-----|---|-------------------------|-------------------------|-------------------|------------------------|-------------------------------|----------------|------------------------------------|
| LAC          | ECU            | FUM | 33 | PRP | 29  | Project preparation in the methyl bromide sector          |                         | 35,000                  | 0                 | 0                      | 0                             | 35,000         | 35,000                             |
| ASP          | IND            | PAG | 33 | PRP | 301 | Preparation of a sector plan for the process agent sector | Dec-01                  | 130,000                 | 0                 | 30,000                 | 23                            | 100,000        | 100,000                            |
| ASP          | IND            | REF | 33 | PRP | 300 | Project preparation in the MAC sector                     |                         | 40,000                  | 0                 | 0                      | 0                             | 40,000         | 40,000                             |
| ASP          | PHI            | PHA | 35 | PRP | 65  | Preparation of a national CFC phaseout plan               | Dec-01                  | 70,000                  | 0                 | 30,000                 | 43                            | 40,000         | 40,000                             |
| <b>Total</b> |                |     |    |     |     |   |                         | <b>275,000</b>          | <b>0</b>          | <b>60,000</b>          | <b>22</b>                     | <b>215,000</b> | <b>215,000</b>                     |

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

### **A. Meetings Attended**

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

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

| <b>MP MEETING ATTENDED BY WORLD BANK STAFF FOR YEAR 2001</b> |                        |  |
|--|------------------------|--|
| <b>Dates</b>   | <b>City</b>            | <b>Meetings Attended</b>   |
| 01/28/2001 – 01/31/2001                                      | Delhi, India           | UNEP & Government of India:<br>Workshop for the Review of Existing Work &<br>Development of Strategy for the Refrigeration Servicing<br>Sector |
| 02/11/2001 – 02/15/2001                                      | Caracas, Venezuela     | Chiller Discussions with Government  |
| 03/26/2001 – 03/30/2001                                      | Montreal, Canada       | 33 <sup>rd</sup> ExCom Meeting   |
| 04/28/2001 – 05/01/2001                                      | Tehran, Iran           | Meeting of the South Asia Network of ODS Officers  |
| 05/15/2001 – 05/18/2001                                      | Varadero, Cuba         | Meeting of the Central America, Spanish-Speaking<br>Caribbean and South American Networks of ODS Officers                                      |
| 06/06/2001 – 06/07/2001                                      | Montreal, Canada       | India/Rishiroop: Discussions with Secretariat  |
| 06/11/2001 – 06/11/2001                                      | Washington, DC         | OORG In-Camera Meeting   |
| 06/12/2001 – 06/12/2001                                      | Washington, DC         | 16 <sup>th</sup> OORG Meeting  |
| 06/14/2001 – 06/15/2001                                      | Washington, DC         | Financial Agents Workshop  |
| 07/16/2001 – 07/20/2001                                      | Montreal, Canada       | 34 <sup>th</sup> ExCom Meeting   |
| 07/23/2001 – 07/23/2001                                      | Montreal, Canada       | Implementation Committee Meeting   |
| 07/24/2001 – 07/26/2001                                      | Montreal, Canada       | Open-Ended Working Group Meeting   |
| 08/13/2001 – 08/15/2001                                      | Kuala Lumpur, Malaysia | Malaysia National Steering Committee Meeting   |
| 08/28/2001 – 09/01/2001                                      | Paris, France          | Inter-agency Meeting with UNEP   |
| 09/06/2001 – 09/07/2001                                      | Montreal, Canada       | Inter-agency Coordination Meeting  |
| 09/20/2001 – 09/21/2001                                      | Bangkok, Thailand      | UNEP Workshop on Climate changes and Energy Efficient<br>Technology  |
| 10/15/2001 – 10/15/2001                                      | Colombo, Sri Lanka     | Implementation Committee Meeting   |
| 10/16/2001 – 10/19/2001                                      | Colombo, Sri Lanka     | Meeting of the Parties of the Protocol   |
| 11/15/2001 – 11/16/2001                                      | Montreal, Canada       | China Foams Sector Plan Discussion   |
| 11/12/2001 – 11/14/2001                                      | Bangkok, Thailand      | Thailand National CFC Phaseout Workshop  |
| 12/03/2001 – 12/07/2001                                      | Montreal, Canada       | 35 <sup>th</sup> ExCom Meeting   |
| 12/17/2001 – 12/19/2001                                      | Kuala Lumpur, Malaysia | Malaysia National CFC Phaseout Workshop  |
| 12/17/2001 – 12/20/2001                                      | Beijing, China         | Methyl Bromide Workshop  |

### **B. Implementing Agency and Other Cooperation**

21. Cooperation with Implementing Agencies continued in 2001. Representatives of UNIDO and UNDP attended World Bank informal regional meetings and the World Bank's 18<sup>th</sup> Annual OORG meeting. In addition, the Bank developed Terminal CFC Phaseout Management Plan for the Bahamas which was approved in December 2001 in partnership with UNEP.

22. The World Bank, has in 2001, increased cooperation with bilateral donors, in particular on national CFC phaseout plans (NCFCPP). It was agreed that the Government of Sweden will work with the Government of Malaysia and the Bank within the context of the NCFCPP (approved by the Executive Committee in December 2001) by providing Malaysia with assistance to develop a comprehensive

strategy for complete phaseout of 1,1,1-TCA and CTC. It will also provide similar assistance to Thailand.

### **C. Adjustments**

23. This table summarizes the savings (including cancellations and transfers) for the period of January 1, 2001 to December 31, 2001 of which US\$11,663,531 million has already been reported and returned to the Multilateral Fund.

**Table VI.2 Adjustments**

| Project Name  | Savings for Reporting Period | Remarks   | Approved Funding (US\$)  | Adjustment (US\$) | Funds Disbursed (US\$) | % of Funds Disbursed | Balance (US\$) | Planned Commitments in Current Year (US\$) | Region | Project Number |     |    |     |     | ODP to be Phased Out | Date Approved | First Disbursement Date | Date of Completion per Proposal | Currently Planned Date of Completion |
|---|------------------------------|-----------|--|-------------------|------------------------|----------------------|----------------|--|--------|----------------|-----|----|-----|-----|----------------------|---------------|-------------------------|---------------------------------|--------------------------------------|
| Conversion to non-CFC technology in the production of condensers for mobile air conditioning at Simon Cachan, S.A.                      | *                            | 459,396   | Completed and 60 MT indirect phaseout achieved. Financial completion expected March 9, 2002.                     | 2,738,217         | 0                      | 2,278,821            | 83             | 0  | LAC    | ARG            | REF | 15 | INV | 16  | 0                    | Dec-94        | Sep-97                  | Dec-95                          |                                      |
| Elimination of CFC in the domestic refrigerator manufacturing plant of McLean   |                              | 1,567,990 | All pending payments were effected by May 2001. The project is complete and the PCR has been submitted to EXCOM. | 2,440,570         | 0                      | 872,580              | 36             | 0  | LAC    | ARG            | REF | 15 | INV | 21  | 0                    | Dec-94        | Feb-98                  | Dec-96                          |                                      |
| Conversion to non-CFC technology in the production of mobile air conditioning systems at Sistematica, S.A.                              |                              | 1,400,728 | Completed. PCR submitted to ExCom. Savings returned to 34th ExCom.   | 2,370,550         | 0                      | 969,822              | 41             | 0  | LAC    | ARG            | REF | 18 | INV | 40  | 0                    | Nov-95        | Aug-98                  | Nov-96                          |                                      |
| Substitution of CFC-11 by HCFC-141b in the manufacture of polyurethane foams at Sao Rafael Ind. Com.                                    |                              | 2,016     | Complete.  | 82,676            | 0                      | 80,660               | 98             | 0  | LAC    | BRA            | FOA | 18 | INV | 30  | 0                    | Nov-95        | Feb-97                  | Oct-96                          |                                      |
| CFC-12 collection, recycling and conservation programme for household refrigerator maintenance and repair shops                         |                              | 1,980,000 | Cancelled.   | 2,000,000         | 0                      | 20,000               | 1              | 0  | LAC    | BRA            | REF | 07 | TAS | 07  | 0                    | Jun-92        | Jun-99                  | Jun-95                          |                                      |
| Elimination of CFC-11 in the manufacture of rigid polyurethane foam through the use of HCFC-22 technology at Master Cooler and Cia Ltd. |                              | 70,862    | Project cancelled and funds returned at the 35th ExCom.  | 70,862            | 0                      | 0                    | 0              | 0  | LAC    | COL            | FOA | 26 | INV | 31  | 0                    | Nov-98        |                         | Dec-00                          |                                      |
| Conversion to CFC-free technology in the manufacture of flexible (slabstock) polyurethane foam at Zhenjiang No. 5 Plastic Factory       |                              | 60,003    | Project cancelled. Remaining amount of \$60,000 has been returned to ExCom.                                      | 276,800           | 0                      | 216,797              | 78             | 0  | ASP    | CPR            | FOA | 17 | INV | 138 | 0                    | Jul-95        | Dec-96                  | Jan-97                          |                                      |
| Conversion to CFC-free technology in the manufacture of flexible polyurethane foam (slabstock) at Penglai Polyurethane Plastic Factory  |                              | 83        | Project completed; PCR submitted to the 30th ExCom.  | 320,583           | 0                      | 320,500              | 100            | 0  | ASP    | CPR            | FOA | 18 | INV | 140 | 0                    | Nov-95        | Jan-98                  | Nov-96                          |                                      |

| Project Name   | Savings for Reporting Period | Remarks   | Approved Funding (US\$) | Adjustment (US\$) | Funds Disbursed (US\$) | % of Funds Disbursed | Balance (US\$) | Planned Commitments in Current Year (US\$) | Region | Project Number |     |    |     |     |  | ODP to be Phased Out | Date Approved | First Disbursement Date | Date of Completion per Proposal | Currently Planned Date of Completion |
|--|------------------------------|---|-------------------------|-------------------|------------------------|----------------------|----------------|--|--------|----------------|-----|----|-----|-----|--|----------------------|---------------|-------------------------|---------------------------------|--------------------------------------|
| Conversion of polyurethane slabstock manufacture from CFC-11 to liquid carbon dioxide technology at Handan Fuyang Chemical Corporation     | 436,100                      | Project cancelled at the 35th ExCom.  | 436,100                 | 0                 | 0                      | 0                    | 0              |  | ASP    | CPR            | FOA | 27 | INV | 269 |  | 0                    | Mar-99        |                         | Oct-02                          |                                      |
| Conversion of polyurethane slabstock manufacture from CFC-11 to liquid carbon dioxide technology in Shandong Tianhua (Group) Plastic Plant | 534,534                      | Project cancelled at the 35th ExCom.  | 534,534                 | 0                 | 0                      | 0                    | 0              |  | ASP    | CPR            | FOA | 28 | INV | 296 |  | 0                    | Jul-99        |                         | Aug-02                          |                                      |
| Conversion of polyurethane vertifoam manufacture from CFC-11 to liquid carbon dioxide technology in Tonxiang Shule Plastic Foam Plant      | 498,400                      | Project cancelled at the 35th ExCom.  | 498,400                 | 0                 | 0                      | 0                    | 0              |  | ASP    | CPR            | FOA | 29 | INV | 324 |  | 0                    | Nov-99        |                         | Dec-02                          |                                      |
| Conversion of polyurethane slabstock manufacture from CFC-11 to liquid carbon dioxide technology at Jintan Tiaoxi Shuya Foam Plant         | 420,525                      | Project cancelled at the 35th ExCom.  | 420,525                 | 0                 | 0                      | 0                    | 0              |  | ASP    | CPR            | FOA | 31 | INV | 363 |  | 0                    | Jul-00        |                         | Aug-03                          |                                      |
| Project preparation in the halon sector  | *                            | 500   |                         | 133,000           | 0                      | 132,500              | 100            | 0  | ASP    | CPR            | HAL | 21 | PRP | 187 |  | 0                    | Feb-97        | Mar-97                  | Dec-97                          |                                      |
| Conversion from CFC-12 to HFC-134a MAC compressor at Guangzhou Haohua Automobile Parts Co. Ltd.  | 202,829                      | Project completed; Draft PCR is under review.                                       | 2,212,039               | 0                 | 2,009,210              | 91                   | 0              |  | ASP    | CPR            | REF | 18 | INV | 149 |  | 0                    | Nov-95        | Nov-96                  | May-97                          |                                      |
| Conversion from CFC-12 to HFC-134a MAC system at Shanghai Automobile Air Conditioner Co. (SAAC)  | 30                           | Project completed; PCR submitted to the 30th ExCom.                                 | 1,642,330               | 0                 | 1,642,300              | 100                  | 0              |  | ASP    | CPR            | REF | 18 | INV | 150 |  | 0                    | Nov-95        | Aug-96                  | Nov-96                          |                                      |
| Conversion of refrigerator manufacture in Changhe Group to HFC-134a as refrigerant and cyclopentane as foam blowing agent                  | 1,267,638                    | Project has been cancelled.   | 1,267,638               | 0                 | 0                      | 0                    | 0              |  | ASP    | CPR            | REF | 25 | INV | 251 |  | 0                    | Jul-98        |                         | Aug-01                          |                                      |
| Project preparation (unallocated)  | 70,000                       |   | 70,000                  | 0                 | 0                      | 0                    | 0              |  | GLO    | GLO            | SEV | 30 | PRP | 203 |  | 0                    | Mar-00        |                         | Dec-00                          |                                      |
| Elimination of CFC-12 in the manufacture of extruded polyethylene and polystyrene foam sheet at PT Inter Foamindosentra                    | 154,145                      | Project completed and PCR submitted. Balance returned to the MLF at the 33rd ExCom. | 390,000                 | 0                 | 235,855                | 60                   | 0              |  | ASP    | IDS            | FOA | 15 | INV | 21  |  | 0                    | Dec-94        | Mar-97                  | Dec-95                          |                                      |

| Project Name  | Savings for Reporting Period | Remarks   | Approved Funding (US\$) | Adjustment (US\$) | Funds Disbursed (US\$) | % of Funds Disbursed | Balance (US\$) | Planned Commitments in Current Year (US\$) | Region | Project Number |     |    |     |     | ODP to be Phased Out | Date Approved | First Disbursement Date | Date of Completion per Proposal | Currently Planned Date of Completion |
|---|------------------------------|---|-------------------------|-------------------|------------------------|----------------------|----------------|--|--------|----------------|-----|----|-----|-----|----------------------|---------------|-------------------------|---------------------------------|--------------------------------------|
| Elimination of CFC-11 in the manufacture of polyurethane foam sheet at Musimassejahtera Abadi   | 206,578                      | Project cancelled at 31st meeting and \$154,145 returned at the 32nd meeting.   | 390,000                 | -149,773          | 33,649                 | 14                   | 0              |  | ASP    | IDS            | FOA | 15 | INV | 30  | 0                    | Dec-94        | Nov-96                  | Dec-95                          |                                      |
| Elimination of ODS used in the production of household refrigerators at P.T. Sharp Yasonta, Indonesia                                       | 97,090                       | PCR has been submitted. Project is physically and financially completed.  | 346,000                 | 600,000           | 848,910                | 90                   | 0              |  | ASP    | IDS            | REF | 15 | INV | 22  | 0                    | Dec-94        | May-97                  | Dec-97                          |                                      |
| Elimination of ODS used in the production of household refrigerators at P.T. Lippo Melco Manufacturing                                      | * 1,619                      | Conversion of refrigerant to 134a is finished. Technical audit done on Feb. '98. Completed ODS phaseout in Jun. '98. Disposal plan was carried out in Nov. 19, '98. IOC has been disbursed. Project is technically and financially closed.                    | 382,000                 | 236,071           | 616,452                | 100                  | 0              |  | ASP    | IDS            | REF | 15 | INV | 23  | 0                    | Dec-94        | Dec-96                  | Oct-98                          |                                      |
| Engineering assistance for the elimination of ODS used in the production of household refrigerators at PT. Goldstar Astra Electronics (GSA) | 163,820                      | Project is technically and financially closed. IOC has been disbursed. Balance returned to the MLF at the 35th ExCom.   | 512,730                 | 0                 | 348,910                | 68                   | 0              |  | ASP    | IDS            | REF | 20 | INV | 48  | 0                    | Oct-96        | Feb-98                  | Apr-99                          |                                      |
| Engineering assistance for the elimination of ODS used in the production of household refrigerators at PT. Samsung Maspion Indonesia (SMI)  | 310,070                      | Enterprise decided not to proceed to c-pentane due to current unfavorable economic conditions causing a high upfront investment costs for technology, and stopped at HCFC-141b. Disposal of old equipment done and IOC disbursed. Unused funds returned to th | 537,226                 | 0                 | 216,983                | 40                   | 10,173         |  | ASP    | IDS            | REF | 21 | INV | 52  | 0                    | Feb-97        | Dec-97                  | Aug-99                          |                                      |
| Conversion of CFC-12 commercial refrigeration to HFC-134a at PT Maspion   | 11,703                       | Project completed. Disposal of old equipment has been carried out. PCR will be submitted January 2001. Project is closed.   | 136,890                 | 0                 | 125,187                | 91                   | 0              |  | ASP    | IDS            | REF | 23 | INV | 72  | 0                    | Nov-97        | Jul-98                  | Dec-99                          |                                      |
| Conversion of CFC-12 commercial refrigeration to HFC-134a at PT Porkka Indonesia  | 9,377                        | Project completed and PCR to be submitted Mar. 02. Savings returned to the 35th ExCom.  | 58,517                  | 0                 | 49,140                 | 84                   | 0              |  | ASP    | IDS            | REF | 23 | INV | 74  | 0                    | Nov-97        | Oct-00                  | Dec-99                          |                                      |
| Conversion of correction fluid manufacturing process from 1,1,1 TCA to non-ODS solvent at PT Cahaya Biru Sakti                              | 125,383                      | Project completed and PCR submitted Jan. 01.  | 700,700                 | 0                 | 575,317                | 82                   | 0              |  | ASP    | IDS            | SOL | 20 | INV | 50  | 0                    | Oct-96        | Sep-97                  | Oct-97                          |                                      |
| Aero Industries aerosol conversion, Vapi  | 3,903                        | Project completed and PCR submitted.  | 121,735                 | 0                 | 117,832                | 97                   | 0              |  | ASP    | IND            | ARS | 22 | INV | 139 | 0                    | May-97        | May-98                  | Jun-98                          |                                      |
| Aeropres aerosol conversion, Vapi   | 4,040                        | Project completed and PCR submitted.  | 146,860                 | 0                 | 142,820                | 97                   | 0              |  | ASP    | IND            | ARS | 22 | INV | 141 | 0                    | May-97        | May-98                  | Jun-98                          |                                      |

| Project Name   | Savings for Reporting Period | Remarks                              | Approved Funding (US\$) | Adjustment | Funds Disbursed (US\$) | % of Funds Disbursed | Balance (US\$) | Planned Commitments in Current Year (US\$) | Region | Project Number |     |    |     |    | ODP to be Phased Out | Date Approved | First Disbursement Date | Date of Completion per Proposal | Currently Planned Date of Completion |
|--|------------------------------|--------------------------------------|-------------------------|------------|------------------------|----------------------|----------------|--|--------|----------------|-----|----|-----|----|----------------------|---------------|-------------------------|---------------------------------|--------------------------------------|
| Application development for the conversion of CFC-11/polyol systems to low non-ODS formulations at UB Petroproducts Ltd. | 93,867                       | Project completed and PCR submitted  | 200,000                 | 385,684    | 491,817                | 84                   | 0              |  | ASP    | IND            | FOA | 11 | INV | 13 | 0                    | Nov-93        | Feb-99                  | Nov-96                          |                                      |
| Phase out of CFC-11 in the manufacture of moulded PUF at Madras Polymoulds (under SPAP)                                  | 57,255                       | Project completed. PCR submitted.    | 167,700                 | 0          | 110,445                | 66                   | 0              |  | ASP    | IND            | FOA | 17 | INV | 39 | 0                    | Jul-95        | Oct-97                  | Jan-97                          |                                      |
| Phase out of CFC-11 in the manufacture of molded PUF at Tranquil Rubber Sales Pvt. Ltd. (under SPAP)                     | 79,521                       | Project completed and PCR submitted. | 215,250                 | 0          | 135,729                | 63                   | 0              |  | ASP    | IND            | FOA | 17 | INV | 46 | 0                    | Jul-95        | May-96                  | Jan-97                          |                                      |
| Phase out of CFC-11 in the manufacture of molded PUF at Alfa Foams (under SPAP)  | 27,875                       | Project completed and PCR submitted. | 219,900                 | 0          | 192,025                | 87                   | 0              |  | ASP    | IND            | FOA | 17 | INV | 51 | 0                    | Jul-95        | Jul-97                  | Jan-97                          |                                      |
| Phase out of CFCs in the manufacture of integral skin PUF moldings at Pfeda Synthetics (P) Ltd.                          | 14,893                       | Complete.                            | 335,728                 | 0          | 320,835                | 96                   | 0              |  | ASP    | IND            | FOA | 18 | INV | 54 | 0                    | Nov-95        | Feb-97                  | May-97                          |                                      |
| Phase-out of CFC-11 in the manufacture of rigid PUF insulated thermoware at Wimco Pen Co.                                | 4,225                        | Project completed and PCR submitted  | 119,290                 | 0          | 115,065                | 96                   | 0              |  | ASP    | IND            | FOA | 19 | INV | 88 | 0                    | May-96        | Mar-98                  | Nov-97                          |                                      |
| Conversion of compressor designs for refrigeration and appliances from CFC-12 to HFC-134a at Kirloskar Copeland Ltd.     | 16,905                       | Project completed and PCR submitted  | 547,900                 | 0          | 530,995                | 97                   | 0              |  | ASP    | IND            | REF | 12 | INV | 15 | 0                    | Mar-94        | May-96                  | Mar-98                          |                                      |
| Conversion of CFC-12 open-type compressor designs for use with HCFC-22 refrigerant at Freezeking Industries Pvt., Ltd.   | 25,806                       | Project completed and PCR submitted  | 240,500                 | 0          | 214,694                | 89                   | 0              |  | ASP    | IND            | REF | 13 | INV | 24 | 0                    | Jul-94        | Mar-96                  | Jul-97                          |                                      |
| Elimination of CFCs in the manufacture of commercial refrigeration equipment at Meghdoot Refrigeration Industries        | 5,660                        | Project completed and PCR submitted. | 164,590                 | 0          | 158,930                | 97                   | 0              |  | ASP    | IND            | REF | 18 | INV | 61 | 0                    | Nov-95        | Dec-97                  | May-97                          |                                      |
| Elimination of CFCs in the manufacture of commercial refrigeration equipment at Seepra Refrigeration P., Ltd.            | 10,400                       | Complete.                            | 171,910                 | 0          | 161,510                | 94                   | 0              |  | ASP    | IND            | REF | 19 | INV | 90 | 0                    | May-96        | Oct-97                  | Nov-97                          |                                      |
| Elimination of CFCs in the manufacture of commercial refrigeration equipment at Rockwell Devices P., Ltd.                | 9,611                        | Project completed and PCR submitted  | 181,004                 | 0          | 171,393                | 95                   | 0              |  | ASP    | IND            | REF | 19 | INV | 93 | 0                    | May-96        | Jun-98                  | Nov-97                          |                                      |

| Project Name  | Savings for Reporting Period | Remarks   | Approved Funding (US\$) | Adjustment | Funds Disbursed (US\$) | % of Funds Disbursed | Balance (US\$) | Planned Commitments in Current Year (US\$) | Region | Project Number |     |    |     |     | ODP to be Phased Out | Date Approved | First Disbursement Date | Date of Completion per Proposal | Currently Planned Date of Completion |
|---|------------------------------|---|-------------------------|------------|------------------------|----------------------|----------------|--|--------|----------------|-----|----|-----|-----|----------------------|---------------|-------------------------|---------------------------------|--------------------------------------|
| Elimination of CFCs in the manufacture of commercial refrigeration equipment at Sethia Appliances P., Ltd.                                      | 6,586                        | Project completed and PCR submitted   | 173,384                 | 0          | 166,798                | 96                   | 0              |  | ASP    | IND            | REF | 19 | INV | 94  | 0                    | May-96        | Nov-97                  | Nov-97                          |                                      |
| Elimination of CFCs in the manufacture of commercial refrigeration equipment at Murali Refrigeration and Engineering Co.                        | 1,539                        | Project completed and PCR submitted   | 126,485                 | 0          | 124,946                | 99                   | 0              |  | ASP    | IND            | REF | 20 | INV | 106 | 0                    | Oct-96        | Mar-98                  | Apr-98                          |                                      |
| Elimination of CFCs in the manufacture of commercial refrigeration equipment at Standard Refrigeration Appliances                               | 166                          | Project completed and PCR submitted   | 170,180                 | 0          | 170,014                | 100                  | 0              |  | ASP    | IND            | REF | 22 | INV | 120 | 0                    | May-97        | May-98                  | Nov-98                          |                                      |
| Elimination of CFCs in the manufacture of domestic refrigerators at Whirlpool of India Ltd.   | *                            | 567,922 Company's equity holding changed and foreign ownership increased to 82%. Eligible grant amount was revised accordingly and SGA to be signed by Jan 2002. Enterprise now eligible for grant amount of \$403,523  | 675,165                 | 296,280    | 0                      | 0                    | 403,523        | 50,000                                     | ASP    | IND            | REF | 27 | INV | 204 | 0                    | Mar-99        |                         | Apr-02                          | Aug-02                               |
| Elimination of CFC-11 in the manufacture of polyurethane refrigerator panels at Penang Trading Co.  | *                            | 6,500 Project is physically and financially completed. Equipment and accessories have been installed and operated with 3-phase electrical supply in its new location. Enterprise has stopped using CFC and converted to alternative blowing agents since Nov. 2001. | 71,500                  | 0          | 65,000                 | 91                   | 0              |  | ASP    | MAL            | FOA | 19 | INV | 86  | 0                    | May-96        | Feb-00                  | May-00                          |                                      |
| Elimination of CFC-11 in the manufacture of polyurethane cold-room insulation panels/truck container panels at Kejuruteraan Transfreeze Sdn Bhd | *                            | 6,500 Project is physically and financially completed. Equipment and accessories have been installed and operated with 3-phase electrical supply in its new location. Enterprise has stopped using CFC and converted to alternative blowing agents as of Dec. 200   | 71,500                  | 0          | 65,000                 | 91                   | 0              |  | ASP    | MAL            | FOA | 19 | INV | 87  | 0                    | May-96        | Feb-00                  | May-97                          |                                      |

| Project Name   | Savings for Reporting Period | Remarks   | Approved Funding (US\$) | Adjustment (US\$) | Funds Disbursed (US\$) | % of Funds Disbursed | Balance (US\$) | Planned Commitments in Current Year (US\$) | Region | Project Number |     |    |     |    | ODP to be Phased Out | Date Approved | First Disbursement Date | Date of Completion per Proposal | Currently Planned Date of Completion |
|--|------------------------------|---|-------------------------|-------------------|------------------------|----------------------|----------------|--|--------|----------------|-----|----|-----|----|----------------------|---------------|-------------------------|---------------------------------|--------------------------------------|
| Substitution of CFC-12 and CFC-11 with HFC-134a and HCFC-141b respectively and elimination of the use of 1,1,1 TCA in household refrigerator manufacturing at Matsuchita Electric Co. (Melcom) | 4,307                        | Project completed. \$5,096.82 will be returned.   | 1,276,500               | 0                 | 1,272,193              | 100                  | 0              |  | ASP    | MAL            | REF | 15 | INV | 51 | 0                    | Dec-94        | Apr-96                  | Dec-97                          |                                      |
| Phase out of CFC-12 MAC system production equipment and conversion to HFC-134a MAC system manufacturing in Nippondenso Capital Sdn. Bhd.   | 235,571                      | Project completed. Disbursement figure in 1999 and 2000 progress reports is incorrect. Additional balance to be returned to 37th ExCom.   | 2,232,718               | -185,057          | 1,812,090              | 88                   | 0              |  | ASP    | MAL            | REF | 18 | INV | 75 | 0                    | Nov-95        | Mar-97                  | Nov-99                          |                                      |
| Conversion of correction fluid manufacturing process from 1,1,1 TCA to non-ODS solvent at Mondial Sdn. Bhd.  | 144,447                      | Project cancelled.  | 144,447                 | 0                 | 0                      | 0                    | 0              |  | ASP    | MAL            | SOL | 18 | INV | 80 | 0                    | Nov-95        |                         | Nov-96                          |                                      |
| Elimination of CFC-11 and CFC-12 by converting to HCFC-141b and HFC-134a in the manufacture of commercial refrigeration equipment at Dawlance P. Ltd.  | 477,894                      | Project cancelled at the 33rd ExCom Meeting.  | 477,894                 | 0                 | 0                      | 0                    | 0              |  | ASP    | PAK            | REF | 25 | INV | 26 | 0                    | Jul-98        |                         | Aug-00                          |                                      |
| Elimination of CFC-11 and CFC-12 converting to HCFC-141b and HFC-134a in the manufacture of refrigeration equipment at United Refrigeration Industries Ltd.                                    | 457,815                      | Project cancelled at the 33rd ExCom Meeting.  | 457,815                 | 0                 | 0                      | 0                    | 0              |  | ASP    | PAK            | REF | 25 | INV | 27 | 0                    | Jul-98        |                         | Aug-00                          |                                      |
| Phaseout of CFC-11 and CFC-12 by conversion to HCFC-141b and HFC-134a in the manufacture of domestic refrigeration equipment at Refrigerators Manufacturing Company Pakistan Ltd.              | 127,804                      | Project cancelled at the 35th ExCom Meeting.  | 127,804                 | 0                 | 0                      | 0                    | 0              |  | ASP    | PAK            | REF | 26 | INV | 31 | 0                    | Nov-98        |                         | Dec-00                          |                                      |
| Application of a reduced CFC blowing agent and non-CFC application preparation at Transunion (formerly called Federal Electric Company)  | *                            | 203,152 Full production with C-pentane - Oct. 1, 1998. PCR was endorsed to WB on 2/2/99. Date ODS Eqpt. Dismantled - 12/02/98. All safety equipment and other items are installed and operational. Total grant fund disbursed is \$547,732.15 only (excluding FI fe | 770,000                 | -1,067            | 565,781                | 74                   | 0              |  | ASP    | PHI            | REF | 09 | INV | 09 | 0                    | Mar-93        | Sep-97                  | May-97                          |                                      |

| Project Name   | Savings for Reporting Period | Remarks   | Approved Funding (US\$) | Adjustment (US\$) | Funds Disbursed (US\$) | % of Funds Disbursed | Balance (US\$) | Planned Commitments in Current Year (US\$) | Region | Project Number |     |    |     |     | ODP to be Phased Out | Date Approved | First Disbursement Date | Date of Completion per Proposal | Currently Planned Date of Completion |
|--|------------------------------|---|-------------------------|-------------------|------------------------|----------------------|----------------|--|--------|----------------|-----|----|-----|-----|----------------------|---------------|-------------------------|---------------------------------|--------------------------------------|
| Philacor, Concepcion, Sanyo and Transunion -- Engineering Design and Assistance for the Use of HFC-134a Refrigerant in Household Refrigerators | 51,009                       | Project completed - HFC 134a refrigeration systems. PCRs endorsed to WB on 12/1/99. Grant fund fully disbursed. Philacor's Calamba Plant is not covered with grant funding. | 952,000                 | -434,511          | 466,480                | 90                   | 0              |  | ASP    | PHI            | REF | 19 | INV | 45  | 0                    | May-96        | Oct-97                  | Jan-98                          |                                      |
| Conversion to CFC-free technology in rigid sprayfoam applications at Thermobond Co. Ltd.   | 4,613                        | Project completed. PCR submitted to the WB in Mar/2000.   | 81,400                  | 0                 | 76,787                 | 94                   | 0              |  | ASP    | THA            | FOA | 23 | INV | 74  | 0                    | Nov-97        | Apr-99                  | Nov-99                          |                                      |
| Conversion to CFC-free technology in the manufacture of rigid polyurethane foam (containers) at Treathaboon Industry Co. Ltd.                  | 20,563                       | Project completed.  | 177,750                 | 0                 | 157,187                | 88                   | 0              |  | ASP    | THA            | FOA | 23 | INV | 86  | 0                    | Nov-97        | Dec-99                  | Nov-99                          |                                      |
| Conversion to CFC-free technology in the manufacture of cold store polyurethane panels at Somerville   | 21,957                       | Project completed. PCR submitted to the WB in Mar/2000.   | 141,957                 | 0                 | 120,000                | 85                   | 0              |  | ASP    | THA            | FOA | 25 | INV | 95  | 0                    | Jul-98        | Apr-00                  | Aug-01                          |                                      |
| Conversion from CFC-11 to HCFC-141b technology in the manufacture of rigid polyurethane foam at P.E. Containers Supply Co. Ltd.                | 8,750                        | Project completed. PCR submitted to the MLF Secretariat January 2001.   | 181,883                 | 0                 | 173,133                | 95                   | 0              |  | ASP    | THA            | FOA | 27 | INV | 108 | 0                    | Mar-99        | Jun-00                  | Apr-99                          |                                      |
| Conversion from CFC-11 to water blown and HCFC-141b technology in the manufacture of rigid foam (spray) at Bangkok Integrated Trading Co.      | 117,923                      | Project cancelled July 2000.  | 117,923                 | 0                 | 0                      | 0                    | 0              |  | ASP    | THA            | FOA | 27 | INV | 109 | 0                    | Mar-99        |                         | Apr-99                          |                                      |
| Conversion from CFC-11 to HCFC-141b technology in the manufacture of rigid polyurethane foam at Siam M.P. Co. Ltd.                             | 12,500                       | Project completed. PCR submitted to the MLF Secretariat Nov. 2000.  | 164,366                 | 0                 | 151,866                | 92                   | 0              |  | ASP    | THA            | FOA | 27 | INV | 110 | 0                    | Mar-99        | Sep-00                  | Apr-99                          |                                      |
| Conversion from CFC-11 to HCFC-141b technology in the manufacture of rigid polyurethane foam at Plastmate Industry Co. Ltd.                    | 6,500                        | Project completed.  | 80,649                  | 0                 | 74,149                 | 92                   | 0              |  | ASP    | THA            | FOA | 27 | INV | 115 | 0                    | Mar-99        | Aug-00                  | Apr-99                          |                                      |
| Conversion of compressor manufacture from CFC-12 to HFC-134a designs at Sanyo Universal Electric Co. Ltd. (Phase II)                           | 28,868                       | Project completed.  | 673,680                 | 253,345           | 898,157                | 97                   | 0              |  | ASP    | THA            | REF | 20 | INV | 58  | 0                    | Oct-96        | Dec-97                  | Apr-97                          |                                      |

| Project Name  | Savings for Reporting Period | Remarks   | Approved Funding (US\$) | Adjustment (US\$) | Funds Disbursed (US\$) | % of Funds Disbursed | Balance (US\$) | Planned Commitments in Current Year (US\$) | Region  | Project Number |     |     |     |     | ODP to be Phased Out | Date Approved | First Disbursement Date | Date of Completion per Proposal | Currently Planned Date of Completion |        |
|---|------------------------------|---|-------------------------|-------------------|------------------------|----------------------|----------------|--|---------|----------------|-----|-----|-----|-----|----------------------|---------------|-------------------------|---------------------------------|--------------------------------------|--------|
| Conversion of compressor manufacture from CFC-12 to HFC-134a designs at Kulthorn Kirby Co. Ltd. (Phase II)  | 27,453                       | Project completed.  | 808,234                 | -66,550           | 714,231                | 96                   | 0              |  | ASP     | THA            | REF | 20  | INV | 60  | 0                    | Oct-96        | Oct-97                  | Oct-97                          |                                      |        |
| Elimination of ODS used in the production of household refrigerators at Sanyo Universal Electric Co. Ltd. (Phase II)  | * 44,012                     | Project completed.  | 1,467,055               | -40,273           | 1,382,770              | 97                   | 0              |  | ASP     | THA            | REF | 21  | INV | 61  | 0                    | Feb-97        | Aug-98                  | Aug-97                          |                                      |        |
| Elimination of ODS used in the production of household refrigerators at Thai Toshiba Electric Industries Co. Ltd. (Phase II)                                      | * 9,509                      | Project completed.  | 316,957                 | -9,715            | 297,733                | 97                   | 0              |  | ASP     | THA            | REF | 21  | INV | 62  | 0                    | Feb-97        | May-98                  | Feb-98                          |                                      |        |
| Conversion of CFC-12 refrigerant to HFC-134a, and CFC-11 to HCFC-141b as the blowing agent for foam insulation in the manufacture of Water Coolers at Siam Cooler | 8,258                        | Project completed. PCR submitted to the World Bank 4 September 2000.  | 186,545                 | 0                 | 178,287                | 96                   | 0              |  | ASP     | THA            | REF | 23  | INV | 82  | 0                    | Nov-97        | Apr-00                  | May-99                          |                                      |        |
| Renewal of institutional strengthening project for the phaseout of ODS under the Montreal Protocol  | -197,746                     | DIW is preparing the 2002 work plan which includes activities to be carried out in 2002 and approximate budget for Bank endorsement by the end of March 2002.         |                         | 0                 | 0                      | 0                    | 0              | 197,746                                    | 170,000 | ASP            | THA | SEV | 35  | INS | 136                  | 0             | Dec-01                  |                                 | Jul-03                               | Jul-03 |
| Phase-out of ODS solvents at Thai Airways   | 32,600                       | Project completed.  | 463,900                 | 0                 | 431,300                | 93                   | 0              |  | ASP     | THA            | SOL | 15  | INV | 40  | 0                    | Dec-94        | Dec-98                  | Jun-96                          |                                      |        |
| Conversion from CFC-11 into carbon dioxide and water for flexible molded foam at Suntas Foam and Mattress Industry and Commerce, Inc.                             | 4,458                        | The project (retroactive) was fully implemented. 100% non-CFC production started. The project is completed and the final report has been submitted to the World Bank. | 148,613                 | -719              | 143,436                | 97                   | 0              |  | EUR     | TUR            | FOA | 22  | INV | 24  | 0                    | May-97        | Nov-97                  | Jun-99                          |                                      |        |
| Conversion from CFC-11 into HCFC-141b at Teba   | 104                          | The project had been fully implemented. 100% non-CFC production started. The project is completed and the PCR has been submitted.                                     | 27,468                  | 0                 | 27,364                 | 100                  | 0              |  | EUR     | TUR            | FOA | 22  | INV | 28  | 0                    | May-97        | Jul-98                  | Jun-98                          |                                      |        |
| Conversion from CFC-11 into all-water for flexible slabstock foam at IDAS   | 373                          | The project had been fully implemented. 100% non-CFC production started. The project is completed and the PCR has been submitted.                                     | 230,510                 | 0                 | 230,137                | 100                  | 0              |  | EUR     | TUR            | FOA | 24  | INV | 38  | 0                    | Mar-98        | Feb-99                  | Apr-00                          |                                      |        |

| Project Name  | Savings for Reporting Period | Remarks  | Approved Funding (US\$) | Adjustment     | Funds Disbursed (US\$) | % of Funds Disbursed | Balance (US\$) | Planned Commitments in Current Year (US\$) | Region | Project Number |     |    |     |    | ODP to be Phased Out | Date Approved | First Disbursement Date | Date of Completion per Proposal | Currently Planned Date of Completion |
|---|------------------------------|--|-------------------------|----------------|------------------------|----------------------|----------------|--|--------|----------------|-----|----|-----|----|----------------------|---------------|-------------------------|---------------------------------|--------------------------------------|
| Conversion from CFC-11 into methylene chloride and dop for flexible molded hot cured foam at Teknik Malzeme   | 22,079                       | The project had been fully implemented. 100% non-CFC production started. The project is completed and the final report has been submitted to the World Bank. | 122,443                 | 0              | 100,364                | 82                   | 0              |  | EUR    | TUR            | FOA | 24 | INV | 44 | 0                    | Mar-98        | Sep-98                  | Oct-99                          |                                      |
| Conversion from CFC-11 into low index additive (LIA) technology for flexible slabstock foam at Elta   | * 20,000                     | Project fully implemented. 100% non-CFC production started. Awaiting PCR.  | 130,597                 | 0              | 110,597                | 85                   | 0              |  | EUR    | TUR            | FOA | 28 | INV | 55 | 0                    | Jul-99        | Feb-01                  | Aug-01                          |                                      |
| Preparation of projects for the halon recycling   | 5,000                        |  | 15,000                  | 0              | 10,000                 | 67                   | 0              |  | EUR    | TUR            | HAL | 30 | PRP | 62 | 0                    | Mar-00        | Mar-00                  | Dec-01                          |                                      |
| Institutional strengthening   | * 33,157                     | IS project extended to accommodate additional work program of ozone unit.  | 300,000                 | 0              | 266,843                | 89                   | 0              |  | EUR    | TUR            | SEV | 08 | INS | 06 | 0                    | Oct-92        | Jun-95                  | Jun-97                          |                                      |
| Conversion of CFC-12 refrigerator production to HFC-134a refrigerant and CFC-11 to cyclopentane as the blowing agent for foam insulation at Imperial Derby Refrigeration Ltd. | 88,275                       | Project completed. Funds returned at the 35th ExCom.   | 310,000                 | 0              | 221,725                | 72                   | 0              |  | AFR    | ZIM            | REF | 20 | INV | 09 | 0                    | Oct-96        | Jan-98                  | Dec-97                          |                                      |
|   | <b>13,015,798</b>            |  | <b>37,675,576</b>       | <b>883,715</b> | <b>24,932,053</b>      | <b>69</b>            | <b>0</b>       | <b>220,000</b>                             |        |                |     |    |     |    |                      |               |                         |                                 |                                      |

\* Savings for these projects are newly presented to the Executive Committee in this progress report and have not previously been reported nor returned.

## D. Other Issues

24. Article 5 countries working with the World Bank on national and sector CFC phaseout strategies over the last two years saw their projects make headway with the Executive Committee approval of a total of five projects in late 2001, including two National CFC Phaseout Plans, worth US\$89.7 million to be awarded in tranches within this decade. These projects (in the Bahamas, China, Malaysia, Thailand and Turkey) will result in the phaseout of global consumption of over 18,000 MT ODP.

25. The two NCFCPPs approved for Thailand and Malaysia come after months of intensive efforts in data collection, strategic analysis of all sectors by technical and policy experts and extensive cooperation among government agencies. As a manifestation of the new objectives set by the Executive Committee during the process of strategic planning, they are the first comprehensive phaseout strategies that include a long-term plan that will assist the Art. 5 countries to meet their Montreal Protocol obligations. The plans were developed through active participation of all stakeholders, including private, government and non-governmental organizations and consist of a combination of tailored investment, non-investment, policy and regulatory support measures to support CFC phaseout in all sectors.

26. The NCFCPPs are significant as they will allow the countries to channel much needed technical and financial assistance to a large number of SMEs in order to eliminate their dependency on CFCs. Additionally, the two countries will be able to strengthen the capacity of their local servicing networks in order to facilitate the smooth phaseout of a large number of CFC equipment (e.g., mobile air-conditioners, building chillers, refrigeration systems). With the approval of the two plans, other countries are following suit. The Philippines received project preparation funds for the development of a NCFCPP and has begun working with the Bank on data collection. Ecuador has also expressed interest in developing such a plan.

27. The Terminal CFC Phaseout Management Plan for the Bahamas is notable because it demonstrates the viability of utilizing national CFC plans for complying with all MP obligations up through 2010 in Low Volume-Consuming Countries (LVCs). The plan will enable the Bahamas to completely phase out its consumption of all CFCs by 2008 – two years in advance of the Montreal Protocol deadline.

28. Accelerated phaseout is also the objective of the Turkey Refrigeration Sector Plan. It has a similar approach of combining policies, and investment and non-investment activities, to completely phase out three major CFCs (CFC-11, CFC-12 and CFC-115) four years ahead of the Montreal Protocol requirement.

29. China continues to be a key partner in ODS phaseout projects under World Bank implementation. One of the five new national and sector plans to be approved by the Executive Committee was a foam sector plan targeting the phaseout of CFC-11 in the PU foam sector. As in all the sector plans, it is performance-based and annual funding will be contingent on China reaching all phaseout targets set for the previous year, verification that activities planned for the previous year were undertaken in accordance with the implementation program, and, that the agreed number of CFC contracts were signed with foam producers.

30. While assisting countries with accelerated and comprehensive CFC consumption phaseout through national and sector plans, the Bank is continuing to work with India and China to control the supply of CFC and halons. Annual work plans for the China and India CFC production were approved by the Executive Committee at a total of US\$22 million and reduced production of CFCs by over 5380 MT in 2001. Halon phaseout was identified as a priority by the Executive Committee during 2001 business planning. In 2001, halon production and consumption was reduced by over 3000 MT through Bank-implemented projects.

31. In conjunction with helping countries phase out ODS consumption and production through national and sector plans, the Bank is working to assist National Ozone Units strengthen their capacity for formulating long-term strategies for meeting their MP obligations. As a result of close cooperation with the Government of Thailand on the NCFCPP, the Bank was requested in 2001 to serve as its IS partner to ensure consistency and continuity in the country's ODS phaseout policy. National and sector plan project preparation is, by its nature, more demanding of NOUs than the past project-by-project approach and a natural progression of direct involvement in these plans is the increased capacity to strategize and execute phaseout policies.

32. MLF-funded Institutional Strengthening partnerships with Ecuador, Turkey, the Philippines, Tunisia, Jordan, Chile, and most recently, Thailand, continue to evolve, bringing concrete results in various NOUs. Turkey reported that its computerized monitoring system is in place and functioning and the Philippines was pleased to announce that it ratified the Copenhagen Amendment in March 2001. The Philippines will be seeking an IS renewal in early 2002 and the Government of Jordan began discussions with the Bank on developing a work plan for updating its Country Program. NOU representatives from Chile, Ecuador, Jordan and the Philippines attended the Bank-organized annual OORG Expert group meeting and the Sixth Annual Financial Agents Workshop in June 2001.

33. In 2001, over 70 Bank-implemented, on-going projects were identified as having implementation delays. Although the number was reduced by half by the end of 2001 through project completion, cancellation or movement to the next milestone, implementation delays is an issue the Bank is working to understand and address with its Financial Agents and regional staff. Delays are overwhelmingly due to the shortage of counterpart funding or financial difficulties by beneficiaries which, under Bank policy, precludes sub-grant agreement signing and advancement to early milestones. (In practice, this Bank requirement actually serves to safeguard MLF funds because projects which could later have significant problems after MLF funds are expensed are eliminated early on.) There are a number of projects in Latin America and Asia which have come to a standstill because of the financial difficulties that enterprises are facing in view of turbulent national economic situations. Another significant reason for delay, particularly in China and Indonesia, is caused because of problems in technology transfer and with equipment suppliers. In 2001, twelve Bank projects were cancelled primarily for these reasons.

34. Evaluations conducted by the Senior Monitoring and Evaluation Officer have complemented project implementation experiences the Bank has drawn and are another means for identifying underlying reasons for project implementation difficulties which consequently cause delays. In 2001, Bank staff and consultants accompanied the MLF evaluation team on several enterprise visits, including that of the commercial refrigeration sector in China.

35. Finally, another issue of relevance to the MLF in regards to Bank MP project implementation, was the Bank's decision in 2001 to take stock of its role as an Implementing Agency during the past

decade and determine areas which would improve its effectiveness as an IA, as well as serve to promote the successes of the MLF for use in other environmental protection efforts. The Bank decided to replace its existing database of projects with a web-based database to facilitate manipulation of data for progress reporting and to amend past data discrepancies with the Secretariat's Inventory of Approved Projects. More importantly, however, was to have a database which could serve as the central business planning vehicle of the Bank's MP program by combining project planning, delivery, monitoring and evaluation, with related administrative and financial activities, and which would be accessible by Bank regional staff, and eventually, Bank Financial Agents. As such, a web-based database could also theoretically be accessible to the MLF Secretariat and other Implementing Agencies.

36. The process of developing a comprehensive electronic system which will encompass Bank MP operations at the same time that the Executive Committee is realigning its priorities and future funding approach, has led to an internal examination of the Bank's existing administrative structure. The Bank began in 2001 to consider support cost regimes which might be better suited to the demands of future MLF activities.

37. In terms of utilizing lessons learned from the past decade of implementing MLF projects, the World Bank has drawn from its MP experience to inform the Bank environment strategy. Bank Montreal Protocol "business" and resulting experiences have been highlighted in the Bank's Sustainable Development Strategy which was approved by the Bank's Board of Directors in 2001.

## Annex A

### COUNTRY DEVELOPMENT AND INSTITUTIONAL STRENGTHENING UNIT HIGHLIGHTS

Global Environment Management, Environment Department

The World Bank

| Status | Agency | Title  | Region | Project Number |     |    |     | Implementation Characteristics |   | ODP to be Phased Out per Proposal | ODP Phased Out | Date Approved | First Disb. Date | Date of Compl per Proposal | Planned Date of Compl. | Date Completed (Actual) | Date of Financial Completion | Approved Funding (US\$) | Adj. (US\$) | Total Disbursed | Percent of Funds Disbursed | Balance (US\$) | Planned Commitment in Current Year (US\$) | Remarks             |   |  |
|--------|--------|--|--------|----------------|-----|----|-----|--------------------------------|---|-----------------------------------|----------------|---------------|------------------|----------------------------|------------------------|-------------------------|------------------------------|-------------------------|-------------|-----------------|----------------------------|----------------|---|---------------------|---|--|
| TRF    | IBRD   | Institutional strengthening (establishment of OPROZ)               | LAC    | ARG            | SEV | 13 | INS | 11                             | N | O                                 | D              | 0             | 0                | Jul-94                     |                        | Jul-97                  |                              | Jul-94                  | 359,500     | -359,500        | 0                          | 0              | 0   | Transferred to UNDP |   |  |
| FIN    | IBRD   | Establishment of the Ozone Team                                    | LAC    | CHI            | SEV | 07 | INS | 08                             | N | O                                 | I              | 0             | 0                | Jun-92                     | Sep-94                 | Jun-97                  |                              | Oct-96                  | 210,907     | 0               | 210,907                    | 100            | 0   | Completed           |   |  |
| FIN    | IBRD   | Institutional strengthening II                                     | LAC    | CHI            | SEV | 20 | INS | 16                             | N | O                                 | I              | 0             | 0                | Oct-96                     | Mar-97                 | Oct-98                  |                              | Oct-98                  | 113,500     | 0               | 113,500                    | 100            | 0   | Completed           |   |  |
| FIN    | IBRD   | Ozone protection and institutional strengthening project (renewal) | LAC    | CHI            | SEV | 25 | INS | 36                             | N | O                                 | I              | 0             | 0                | Jul-98                     | Jan-99                 | Jul-00                  |                              | Dec-00                  | 143,500     | 0               | 143,500                    | 100            | 0   | Completed.          |   |  |
| ONG    | IBRD   | Renewal of institutional strengthening                             | LAC    | CHI            | SEV | 32 | INS | 142                            | N | O                                 | I              | 0             | 0                | Dec-00                     |                        | Jan-03                  | Jan-03                       |                         | 143,500     | 0               | 0                          | 0              | 143,500                                   | 71,750              | Funds utilized for paying salaries of the NOU staff (coordinator, a support officer and a secretary) and for some travel within Chile to identify new projects. |  |
| FIN    | IBRD   | Institutional strengthening  | LAC    | ECU            | SEV | 09 | INS | 11                             | N | O                                 | I              | 0             | 0                | Mar-93                     | Dec-94                 | Mar-96                  |                              | May-97                  | Aug-97      | 204,000         | -33,327                    | 170,673        | 100                                       | 0                   | Public awareness campaign has been successfully carried out. Ozone Team actively supporting project implementation.   |  |
| ONG    | IBRD   | Renewal of institutional strengthening (phase II)                  | LAC    | ECU            | SEV | 28 | INS | 28                             | N | O                                 | I              | 0             | 0                | Jul-99                     | Dec-01                 | Jul-02                  | Jul-02                       |                         |             | 97,300          | 0                          | 12,000         | 12  | 85,300              | 50,000  | Expenses as of 31 Dec. 01 have been for travel and computer equipment. A consulting firm will be hired early 2002 to conduct a consumption survey. |
| FIN    | IBRD   | Policy and monitoring measures                                     | ASP    | JOR            | SEV | 07 | INS | 11                             | N | O                                 | I              | 0             | 0                | Jun-92                     | Jun-94                 | Dec-96                  |                              | Jun-97                  | Jun-97      | 100,000         | 70,000                     | 170,000        | 100                                       | 0                   | PIU fully operational. Total funding of \$170,000 was disbursed.  |  |
| FIN    | IBRD   | Renewal of institutional strengthening                             | ASP    | JOR            | SEV | 22 | INS | 30                             | N | O                                 | I              | 0             | 0                | May-97                     | Jun-97                 | May-99                  |                              | May-99                  | Jun-99      | 113,333         | 0                          | 113,333        | 100                                       | 0                   | PIU fully operational. Funds were fully disbursed.  |  |
| FIN    | IBRD   | Renewal of institutional strengthening (phase II)                  | ASP    | JOR            | SEV | 28 | INS | 51                             | N | O                                 | I              | 0             | 0                | Jul-99                     | Aug-99                 | Aug-99                  |                              | Jul-01                  | Jul-01      | 113,333         | 0                          | 113,333        | 100                                       | 0                   | IS tranche completed and full funding disbursed.  |  |

| Status | Agency | Title  | Region | Project Number |     |    |     | Implement-ation Character-istics |   | ODP to be Phased Out per Proposal | ODP Phased Out | Date Approved | First Disb. Date | Date of Compl per Proposal | Planned Date of Compl. | Date Completed (Actual) | Date of Financial Completion | Approved Funding (US\$) | Adj. (US\$) | Total Disbursed | Percent of Funds Disbursed | Balance (US\$) | Planned Commitme nt in Current Year (US\$) | Remarks |  |  |
|--------|--------|--|--------|----------------|-----|----|-----|----------------------------------|---|-----------------------------------|----------------|---------------|------------------|----------------------------|------------------------|-------------------------|------------------------------|-------------------------|-------------|-----------------|----------------------------|----------------|--|---------|--|--|
| ONG    | IBRD   | Renewal of the institutional strengthening project   | ASP    | JOR            | SEV | 34 | INS | 73                               | N | O                                 | I              | 0             | 0                | Jul-01                     |                        | Aug-03                  | Aug-03                       |                         | 133,333     | 0               | 0                          | 0              | 133,333                                    | 38,000  | Government of Jordan began discussions with the Bank on developing a work plan for updating its Country Program  |  |
| COM    | IBRD   | Institutional strengthening for Ozone Desk Operations  | ASP    | PHI            | SEV | 09 | INS | 10                               | N | O                                 | I              | 0             | 0                | Mar-93                     | Dec-95                 | Mar-96                  |                              | Dec-98                  |             | 209,000         | 0                          | 200,000        | 96   | 9,000   | 9,000  |  |
| ONG    | IBRD   | Renewal of institutional strengthening   | ASP    | PHI            | SEV | 28 | INS | 63                               | N | O                                 | I              | 0             | 0                | Jul-99                     | Dec-00                 | Aug-01                  | Mar-02                       |                         | 139,333     | 0               | 131,398                    | 94             | 7,935                                      | 7,935   | Disbursement corrected in database.  |  |
| ONG    | IBRD   | Renewal of institutional strengthening project for the phaseout of ODS under the Montreal Protocol | ASP    | THA            | SEV | 35 | INS | 136                              | N | O                                 | I              | 0             | 0                | Dec-01                     |                        | Jul-03                  | Jul-03                       |                         | 0           | 197,746         | 0                          | 0              | 197,746                                    | 170,000 | DIW is preparing the 2002 work plan which includes activities to be carried out in 2002 and approximate budget for Bank endorsement by the end of March 2002.  |  |
| FIN    | IBRD   | Implementation of Government actions (institutional strengthening)                                 | AFR    | TUN            | SEV | 08 | INS | 09                               | N | O                                 | I              | 0             | 0                | Oct-92                     | Jul-96                 | Oct-95                  |                              | Jun-98                  | Jun-98      | 280,000         | 0                          | 285,312        | 102  | 0       |  | Project complete. Final completion report provided in June 1998. This project is part of a line-of-grant approval. The total expenditure was covered by the \$1.79 million approval. |
| ONG    | IBRD   | Phase out of ozone depleting substances (renewal of institutional strengthening)                   | AFR    | TUN            | SEV | 25 | INS | 31                               | N | O                                 | I              | 0             | 0                | Jul-98                     | Jul-98                 | Jul-00                  | Dec-03                       |                         | 186,700     | 0               | 139,050                    | 74             | 47,650                                     | 47,650  | Draft legislation for enforcing the MP and defining standards for banning ODS prepared. Expenses incurred for staff and travel.  |  |
| FIN    | IBRD   | Institutional strengthening  | EUR    | TUR            | SEV | 08 | INS | 06                               | N | O                                 | I              | 0             | 0                | Oct-92                     | Jun-95                 | Jun-97                  |                              | Apr-00                  | Apr-00      | 300,000         | -33,157                    | 266,843        | 100  | 0       |  | IS project extended to accommodate additional work program of ozone unit.  |
| ONG    | IBRD   | Renewal of institutional strengthening   | EUR    | TUR            | SEV | 32 | INS | 73                               | N | O                                 | I              | 0             | 0                | Dec-00                     |                        | Jan-03                  | Jan-03                       |                         | 200,000     | 0               | 0                          | 0              | 200,000                                    | 50,000  | Advance payment by the FI to the NOU took place in June 2001, however, the FI cannot report the expenditures until they are verified which becomes the time that they are considered officially disbursed. |  |

## Annex B

### PROGRESS AND FINANCIAL REPORTING DATABASE

*(see electronic file)*

Global Environment Management, Environment Department

The World Bank

## **DATABASE**

(The World Bank's progress report database is available on the Secretariat's website ([www.UNMFS.org](http://www.UNMFS.org)). It is also available upon request.)