NACIONES UNIDAS

EP

Programa de las Naciones Unidas para el Medio Ambiente

Distr.
Limitada

UNEP/OzL.Pro/ExCom/40/17
14 de junio de 2003

ESPAÑOL
ORIGINAL: INGLÉS

COMITÉ EJECUTIVO DEL FONDO MULTILATERAL
PARA LA APLICACIÓN DEL
PROTOCOLO DE MONTREAL
Cuadragésima Reunión
Montreal, 16 al 18 de julio de 2003

INFORME SOBRE LA MARCHA DE LAS ACTIVIDADES DE ONUDI

Este documento contiene:

- Los comentarios y recomendaciones de la Secretaría del Fondo
- El informe financiero y sobre la marcha de las actividades de ONUDI de 2002 (enero a diciembre de 2002)

COMENTARIOS DE LA SECRETARÍA DEL FONDO

Introducción

1. Este documento presenta los comentarios y recomendaciones de la Secretaría del Fondo acerca del Informe sobre la Marcha de las Actividades de ONUDI hasta el 31 de diciembre de 2002. El informe se ha adjuntado.

Estado de ejecución

2. Durante el periodo cubierto (de enero a diciembre de 2002), ONUDI eliminó 2 890 toneladas PAO y desembolsó unos 30,5 millones de $EUA. El Comité Ejecutivo aprobó 35 proyectos de inversión para los trabajos de ejecución de ONUDI en 2002, valorados en unos 33 millones de $EUA, que deberían entrañar la eliminación de 4 518 toneladas PAO.

3. En 2002, ONUDI completó 42 proyectos de inversión. En términos acumulativos, ONUDI completó el 63% (275 proyectos) de los 437 proyectos de inversión aprobados para que se ejecutasen en 2002. De esta forma ONUDI ha eliminado el 68% (24 565 toneladas) del potencial de agotamiento del ozono que debía eliminar de su cartera de proyectos aprobados (36 293 toneladas), y ha desembolsado el 74% (210,5 millones de $EUA) de los recursos aprobados por el Fondo para ello en 2002 (284 millones de $EUA).

4. ONUDI completó 3 proyectos de demostración y renovó 2 proyectos de fortalecimiento institucional en 2002.

5. ONUDI está ejecutando actualmente 10 acuerdos plurianuales basados en el rendimiento, para los cuales se aprobaron 15,3 millones de $EUA en 2002. En 2003 prevé presentar 23 nuevos acuerdos.

6. ONUDI también terminó 39 estados de cuenta de preparación de proyectos en 2002.

Progresos en los países

7. El anexo I ofrece una evaluación por país de las actividades de ONUDI en 2002. ONUDI había previsto desembolsos en 47 países y logró una tasa de desembolso de al menos 85% en 36 países. Los siguientes países lograron sus objetivos de eliminación como habían previsto: Argelia (194 toneladas PAO), Camerún (250 toneladas PAO), Egipto (19,7 toneladas PAO), Líbano (37,5 toneladas PAO), Macedonia (28,5 toneladas PAO) y México (35,2 toneladas PAO). El consumo en 2002 de todos estos países, con arreglo al artículo 7 o aplicación de datos del programa de país estuvo por debajo de lo que ocurrió en 2001 con excepción de México, país que aumentó su consumo en 6 475,1 toneladas PAO; pero Argelia redujo su consumo en 19,8 toneladas PAO, Camerún en 126,8 toneladas PAO, Egipto en 640,2 toneladas PAO, Líbano en

123,4 toneladas PAO y Macedonia en 33,7 toneladas PAO. Hay que advertir que en 2002 México informó de un consumo de 7 554,5 toneladas PAO de tetracloruro de carbono, mientras que en 2001 no informó de consumo alguno. En cuanto a los CFC, México redujo su consumo en 2002 en 280 toneladas, así como en todas las demás sustancias con excepción del tetracloruro de carbono.

8. Las demoras en la ejecución en otros países, como China, hicieron que aumentaran las emisiones netas en dicho país en 2 077,6 toneladas PAO cuando ya se había producido el desembolso del 120% de los desembolsos planificados. Entre otros casos de emisiones netas notables debidas a demoras están:

- Marruecos (se eliminaron 220,3 toneladas PAO de menos que las previstas y se efectuó el 134% de los desembolsos planificados);
- Argentina (140 toneladas PAO de menos y 169% de los desembolsos);
- India (136,5 toneladas PAO de menos y 192% de los desembolsos);
- Turquía (128,6 toneladas PAO de menos y 79% de los desembolsos);
- Irán (100 toneladas PAO de menos y 144% de los desembolsos);
- Venezuela (73,1 toneladas PAO de menos y 154% de los desembolsos);
- Nigeria (68,7 toneladas PAO de menos y 80% de los desembolsos);
- Zimbabue (44,7 toneladas PAO de menos y 207% de los desembolsos);
- Pakistán (36,9 toneladas PAO de menos y 78% de los desembolsos);
- Omán (30,8 toneladas PAO de menos y 58% de los desembolsos); y
- Libia (27,1 toneladas PAO de menos y 55% de los desembolsos).

9. De estos países con emisiones netas debidas a demoras, China, India, Irán, Libia, Pakistán, Venezuela, y Zimbabue no han comunicado los datos de 2002. El consumo de SAO en Argentina aumentó en 88,9 toneladas PAO en 2002, mientras que, a pesar de haberse demorado sus proyectos, el consumo de Marruecos disminuyó en 1 005 toneladas PAO en 2002 con respecto al nivel de 2001, en Nigeria disminuyó en 377,05 toneladas PAO, en Turquía disminuyó en 54,7 toneladas PAO y en Omán en 27,6 toneladas PAO.

10. Si nos basamos en las fechas de terminación previstas en el informe sobre la marcha de las actividades de 2001 y en los resultados del informe sobre la marcha de las actividades de 2002, ONUDI completó el 55% de los proyectos que había previsto completar en 2002 y el 42% de la eliminación prevista.

Acuerdos plurianuales basados en el rendimiento

11. ONUDI incluyó en su informe sobre la marcha de las actividades de 2002 información acerca de sus 10 acuerdos plurianuales. La principal fuente de información del avance en estas actividades son los programas anuales de trabajo e informes asociados sobre la marcha de las actividades que se presentan al Subcomité de Examen de Proyectos con motivo de las solicitudes de financiación. El informe anual sobre la marcha de todas las actividades de ONUDI ofrece información sobre los desembolsos y sobre el estado de las firmas de acuerdos entre ONUDI y el país en cuestión. Ésta última información es fundamental para iniciar el apoyo financiero a los

países afectados ya que, hasta que el acuerdo no esté firmado, ONUDI puede decidir no entregar los fondos de un proyecto a un país.

Planes sectoriales aprobados en 2002

De los 10 planes sectoriales, nacionales y plurianuales de eliminación aprobados para que fueran ejecutados por ONUDI, 3 se aprobaron en la última reunión de 2002.

Plan de eliminación de refrigerantes en India

12. El plan de eliminación de refrigerantes en India fue aprobado en noviembre de 2002. ONUDI indicó que, a partir de entonces, se enviaron al Gobierno las modalidades de ejecución para que las aprobara; en la Cuadragésima Primera Reunión debería aprobarse una lista de empresas beneficiarias y las modalidades de ejecución.

Plan de eliminación del metilbromuro en Irán

13. El plan de eliminación del metilbromuro en Irán fue aprobado en noviembre de 1999. Se suponía que el proyecto se iba a completar en 35 meses, pero actualmente se considera que tardará 61 meses. ONUDI indicó que la demora se debía a las recientes restricciones para viajar, pero el proveedor confirmó su deseo de viajar a Irán. Se prevé que la capacitación se completará en julio de 2003.

Proyecto de metilbromuro del subsector del tomate en Marruecos

14. El proyecto de metilbromuro del subsector del tomate en Marruecos fue aprobado en julio de 2001. ONUDI indicó que el acuerdo del proyecto aún no había sido firmado por la asociación pertinente. Se suponía que el proyecto se iba a completar en 2003, pero actualmente está considerado como un proyecto con demora en la ejecución ya que se espera que esté terminado en diciembre de 2004.

Plan de eliminación de CFC en Nigeria

15. El plan de eliminación de CFC en Nigeria fue aprobado en noviembre de 2002. ONUDI indicó que, para este rubro del acuerdo plurianual, visitó el lugar en marzo de 2003. También señaló que se había escogido a la organización local que iba a ayudar a ejecutar el proyecto, que el proceso de licitación para las máquinas de espumación de alta presión había empezado y que ONUDI había recibido propuestas. También indicó que los próximos hitos serán la preparación de talleres y de licitaciones para las máquinas de espumación de pulverizadores.

16. Sin embargo, la ejecución de los proyectos en curso también es fundamental para el éxito del acuerdo plurianual ya que Nigeria se encontraba en situación de incumplimiento con arreglo a la decisión XIV/30. Seis proyectos en curso, la mayoría de los cuales se había previsto que se completarían en 2001, no estarán listos hasta 2003. En lo que se refiere al proyecto de refrigeración de Leventis en Nigeria (NIR/REF/26/INV/30), ONUDI señaló que el proyecto fue encargado en marzo de 2003, pero la destrucción del equipo esta todavía pendiente. Hay que

advertir que el Gobierno de Nigeria informó a la Secretaría del Fondo que su consumo de CFC en 2002 fue de 3 287 toneladas PAO frente a su consumo básico de 3 650 toneladas PAO (una cantidad inferior a las 3 400 toneladas PAO solicitadas por la decisión XIV/30, e inferior también a las 3 352,70 toneladas PAO estipuladas en el Acuerdo de Nigeria con el Comité Ejecutivo en la decisión 38/48).

Plan de eliminación de refrigerantes CFC en Siria

17. El plan de eliminación de refrigerantes CFC en Siria fue aprobado en noviembre de 2002. ONUDI indicó que había visitado a las contrapartes, que había tratado de las modalidades de ejecución y que está planificando la preparación de las especificaciones técnicas del equipo y el comienzo del proceso de licitación para julio de 2003 y la realización de pedidos y contratos en noviembre de 2003.

Plan de eliminación del metilbromuro en Turquía

18. El plan de eliminación del metilbromuro en Turquía fue aprobado en diciembre de 2001. ONUDI indicó que el proyecto se demoró ya que el Gobierno tardó más de lo previsto en designar una institución nacional que ejecutara el proyecto. ONUDI señaló que se habían comprometido 200 000 $EUA para capacitación pero que, en 2002, sólo se habían desembolsado 3 363 $EUA de un presupuesto de 1 millón de $EUA. El Comité Ejecutivo podría considerar este proyecto como un proyecto con demoras en la ejecución.

Proyecto de eliminación del metilbromuro en Uganda

19. El proyecto de eliminación del metilbromuro para flores cultivadas en Uganda fue aprobado en julio de 2001, pero hasta diciembre de 2002 se habían desembolsado 11 415 $EUA de los 228 800 $EUA aprobados. Los comentarios del año pasado indicaban que se presentó el mandato para el subcontrato y el equipo para obtener la autorización. Sin embargo, los comentarios de la base de datos de informes sobre la marcha de las actividades indican que el mandato todavía se está discutiendo con los beneficiarios. El acuerdo aún no se ha firmado. ONUDI indicó que los beneficiarios del proyecto cuestionaron el mandato y la tecnología alternativa que se indica en el documento del proyecto. ONUDI también señaló que presentaría un informe detallado sobre este proyecto a la Secretaría del Fondo Multilateral antes de la Cuadragésima Primera Reunión. El Comité Ejecutivo podría considerar este proyecto como un proyecto con demoras en la ejecución.

Actividades en los países en situación de incumplimiento

20. La Secretaría examinó el estado de los proyectos en todos los países que se encontraban en situación de incumplimiento en la Decimocuarta Reunión de las Partes.

Albania (decisión XIV/18)

21. El Plan Nacional de Eliminación de SAO fue aprobado en marzo de 2003. ONUDI indicó que la ejecución empezará pronto en los siguientes sectores: solventes, metilbromuro y refrigeración (capacitación de técnicos en buenas prácticas). También señaló que el coordinador del programa ya había visitado Albania para tratar de las modalidades de ejecución.

Bosnia y Herzegovina (decisión XIV/21)

22. ONUDI está ejecutando el proyecto de fortalecimiento institucional en Bosnia y Herzegovina (BHE/SEV/27/INS/02). La organización indicó que las dependencias nacionales del ozono, con la colaboración de ONUDI, preparaban un plan de acción para que Bosnia y Herzegovina volviera a la situación de cumplimiento lo antes posible. ONUDI está ayudando al país a preparar un plan de eliminación de SAO que se prevé presentar a la Cuadragésima Primera Reunión del Comité Ejecutivo.

23. ONUDI también está ejecutando un proyecto de refrigeración en Bosnia y Herzegovina (BHE/REF/35/INV/09), que fue aprobado en diciembre de 2001. ONUDI indicó en su base de datos de informes sobre la marcha de las actividades que el proyecto se había demorado hasta los periodos de baja producción. Dado que, según la Reunión de las Partes, Bosnia y Herzegovina se encuentra en situación de incumplimiento, la Secretaría preguntó lo que se podría hacer para acelerar este proyecto. ONUDI señaló que el equipo ya se había entregado en el lugar y que este verano empezaría la instalación de parte de él (zona de almacenamiento de ciclopentano). Se espera que el equipo de producción se ponga en marcha en el invierno de 2004.

Camerún (decisión XIV/32)

24. ONUDI está ejecutando la actualización del plan de gestión de refrigerantes para Camerún (CMR/REF/38/TAS/18) que fue aprobado en noviembre de 2002. ONUDI indicó que se está esforzando por lograr que se cumpla el calendario de eliminación gradual, pero no precisó medidas concretas que se hubieran tomado hasta la fecha.

Libia (decisión XIV/25)

25. ONUDI es responsable del proyecto de fortalecimiento institucional en Libia. ONUDI indicó que está ayudando a Libia a preparar un plan de eliminación de SAO, que se prevé presentar a la Cuadragésima Segunda Reunión del Comité Ejecutivo.

26. ONUDI indicó una demora en el proyecto de refrigeración en Libia (LIB/REF/32/INV/03), que fue aprobado en diciembre de 2000. La razón de la demora que se indica en la base de datos de informes sobre la marcha de las actividades es que el beneficiario quería esperar hasta los periodos de baja producción. La Secretaría preguntó lo que se podría hacer para acelerar este proyecto ya que Libia se encuentra en situación de incumplimiento. ONUDI respondió que la demora no se debía al carácter estacional de las actividades, sino al largo proceso de paso de aduanas y al tiempo que necesita la parte receptora para preparar nuevas unidades sin CFC para que entren en servicio. ONUDI también señaló que la parte

receptora ya estaba lista para instalar y poner en servicio el equipo y que ONUDI solicitaba a su contratista que completara el proyecto antes de julio de 2003.

27. Debería advertirse que ONUDI indicó exactamente la misma razón para la demora en la ejecución del proyecto de Bosnia y Herzegovina que fue aprobado en diciembre de 2001, y que el de Libia fue aprobado en diciembre de 2000.

Proyectos individuales

28. Esta sección trata de las demoras en la ejecución y de los comentarios sobre proyectos concretos que aún no han sido clasificados como proyectos con demoras en la ejecución, pero que parecen tener dificultades en su ejecución.

Demoras en la ejecución

29. Teniendo en cuenta todos los proyectos retirados de la lista por decisión del Comité Ejecutivo, hay 26 proyectos con demoras en la ejecución. Con arreglo al procedimiento para anular un proyecto (decisión 26/2), en la Cuadragésima Primera Reunión deberá presentarse un informe de dichos proyectos para establecer si ha habido algún avance en la eliminación de los obstáculos que causan las demoras en la ejecución.

30. ONUDI tiene menos proyectos considerados con demoras en la ejecución que el último año, en el que hubo 34 proyectos. Quince de los veintiséis proyectos con demoras en la ejecución también las tenían el año anterior.

Proyectos con dificultades en la ejecución

31. El proyecto de refrigeración de RCA en Argelia (ALG/REF/32/INV/47) está considerado ahora como proyecto con demoras en la ejecución. En su informe sobre la marcha de las actividades de 2001, ONUDI indicó que el equipo de espumas se entregó y que debía instalarse a mediados de 2002, pero ahora se prevé que se instalará en mayo de 2003. ONUDI también señaló que la demora se debía a las dificultades en el paso de aduanas, pero que tanto la contraparte como el contratista estaban listos para la instalación del equipo.

32. Los proyectos de solventes de Gumsong Tractor Factory y Huichon en la RPD de Corea (DRK/SOL/36/INV/18 y DRK/SOL/37/INV/19, respectivamente) han desembolsado en 2002 12 468 $EUA del presupuesto de 1,9 millones de $EUA. ONUDI indicó que mantuvo amplias discusiones con el Gobierno de este país y con las autoridades de los proyectos porque, a su entender, los fondos aprobados no parecían ser suficientes para ejecutar los proyectos. ONUDI sugirió que algunas máquinas deberían adquirirse por cuenta del beneficiario. Sin embargo, debe advertirse que el Comité Ejecutivo ha pedido repetidas veces proyectos que se ejecuten una vez aprobados y, por ello, solicitó que se llegue a un compromiso para con los fondos de la contraparte antes de la aprobación de un proyecto. Asimismo cabe señalar que la obtención de financiación de la contraparte es a menudo la causa de las demoras en la ejecución y de la

anulación del proyecto y que el 16% de los proyectos del sector de solventes aprobados hasta ahora se ha anulado.

Fortalecimiento institucional, planes de gestión de refrigerantes, preparación de programas de países, proyectos de demostración, y bancos de halones

33. Estos proyectos no están sujetos a supervisión por medio de informes sobre demoras en la ejecución y, por lo tanto, tampoco están sometidos a los procedimientos de anulación de proyectos.

Fortalecimiento institucional

34. ONUDI está ejecutando proyectos de fortalecimiento institucional que establecieron dependencias nacionales del ozono en 9 países: Bosnia y Herzegovina, Libia, Macedonia, México, Omán, Qatar, Rumania, Siria y Serbia y Montenegro. ONUDI informó que todas las dependencias están operativas.

Planes de gestión de refrigerantes

Preparación de planes de gestión de refrigerantes

35. ONUDI está elaborando planes de gestión de refrigerantes en Argentina y Pakistán. Estos planes estarán completados en 2004 en Argentina y en 2003 en Pakistán.

Ejecución de elementos de los planes de gestión de refrigerantes

36. A finales de 2002, ONUDI era el organismo de ejecución de 19 actividades de planes de gestión de refrigerantes, como proyectos nacionales de recuperación y reciclado (7), proyectos de supervisión (2), capacitación en buenas prácticas de refrigeración (7) y capacitación aduanera (3).

37. En 2003, ONUDI prevé completar proyectos nacionales de recuperación y reciclado en Honduras, Senegal y Sudán. También cuenta con terminar dos proyectos más de recuperación y reciclado en 2004 (Qatar y Jordania) y otros dos en 2002 (Omán y Kuwait).

Proyectos de demostración sobre el metilbromuro

38. ONUDI tiene seis proyectos de demostración sobre el metilbromuro en fase de ejecución; se prevé que todos estén terminados en 2003. Estos proyectos se encuentran en los siguientes países: Botsuana, Camerún, Kenia, México, Tailandia y Vietnam. En la mayoría de estos proyectos ya se han hecho las pruebas en campo.

39. Algunos proyectos de demostración sobre el metilbromuro (y un proyecto de capacitación) que se aprobaron en 1998 han tenido demoras. El Comité Ejecutivo podría considerar supervisar estos proyectos como proyectos con demoras en la ejecución.

40. El proyecto de demostración sobre el metilbromuro en Botsuana (BOT/FUM/25/DEM/05) fue aprobado en julio de 1998. Con arreglo al informe sobre la marcha de las actividades de ONUDI de 2001, se suponía que el proyecto estaría terminado a principios de 2002. Sin embargo, los comentarios de la base de datos de informes sobre la marcha de las actividades indican que el taller final se iba a celebrar en marzo de 2003. ONUDI indicó que el trabajo en campo había terminado el año pasado y preveía organizar el taller final en 2002, pero el taller no se celebró y el Gobierno de Botsuana no pudo encontrar un consultor adecuado para preparar a tiempo el informe para el taller. En su respuesta a la Secretaría acerca de este proyecto, ONUDI también señaló que el taller se podría celebrar una vez terminado el informe final.

41. El proyecto de demostración sobre el metilbromuro en Camerún (CMR/FUM/25/DEM/16) aprobado en julio de 1998 se retrasó otro año y medio. Se suponía que el proyecto iba a estar terminado en 25 meses, mientras que ahora se piensa que necesitará 65 meses. ONUDI indicó que el trabajo en campo había terminado y que se estaba preparando el informe final. El taller final no se ha celebrado porque el informe aún no estaba listo.

42. El taller de concientización sobre el metilbromuro en Malí (MLI/FUM/26/TRA/12) fue aprobado en noviembre de 1998. ONUDI indicó que aún no ha llegado a un acuerdo con la Dependencia Nacional del Ozono para decidir el momento de celebrar el taller.

43. El proyecto de demostración sobre el metilbromuro en Tailandia (THA/FUM/25/DEM/97) fue aprobado en julio de 1998. Se suponía que iba a estar listo en año pasado, pero en 2002 aún no se había entregado parte del equipo. En los comentarios de la base de datos de informes sobre la marcha de las actividades, ONUDI indicó que el equipo se adquirió después de que se celebrara el taller final. También señaló que se trataba de pequeño equipo local que decidió adquirir antes del taller pero que, debido a problemas con los proveedores locales, la entrega tardó más de lo previsto.

Proyectos de bancos de halones

44. ONUDI tiene un proyecto de banco de halones en ejecución en Serbia y Montenegro (YUG/HAL/35/INV/16). Se prevé que el banco estará terminado en diciembre de 2003.

Cuestiones financieras e incoherencias en los datos

45. Esta sección de los comentarios de la Secretaría trata de proyectos completados con saldos y de una comparación de los datos de ONUDI con los Estados de Cuentas del Fondo y el Inventario de Proyectos Aprobados.

Proyectos completados con saldos

46. Hasta mayo de 2002 había 90 proyectos completados que tenían saldos remanentes por un total de 2 951 018 $EUA, que no se habían devuelto. ONUDI seguirá informando sobre estos proyectos hasta que los saldos se concilien o se devuelvan.

Estados de cuenta de ONUDI en 2002 y datos en el informe sobre la marcha de las actividades

47. El formato de los informes sobre la marcha de las actividades exige que los datos que se facilitan anualmente al tesorero acerca de los Estados de Cuenta del Fondo deberían ser compatibles con los que se facilitan también anualmente al Comité Ejecutivo en los informes sobre la marcha de las actividades. Con arreglo a los informes sobre la marcha de las actividades, ONUDI recibió 319 257 014 $EUA de aprobaciones de proyectos y gastos de apoyo y desembolsó 237 147 216 $EUA, gastos de apoyo inclusive, tras el ajuste de los saldos y anulaciones.

48. A la fecha, el tesorero aún no había recibido los estados de cuenta auditados de 2002 de ONUDI. Por lo tanto, la compatibilidad de los datos no pudo establecerse aún, pero se evaluará en la Conciliación de los Estados de Cuenta anual en la Cuadragésima Primera Reunión conforme a la decisión 38/9, para. d.

Diferencias con el Inventario de Proyectos Aprobados

49. La Secretaría y ONUDI resolvieron la mayoría de las diferencias entre los registros de proyectos del Fondo Multilateral, en la forma en que se encuentran en el Inventario de Proyectos Aprobados, y los de ONUDI, facilitados en su informe sobre la marcha de las actividades. No obstante, sigue habiendo diferencias en relación con tres proyectos en cuanto a la cantidad de fondos devueltos al Fondo Multilateral, y en relación con otros dos proyectos en cuanto al nivel de eliminación registrado en el documento del proyecto.

RECOMENDACIONES

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

1. Tome nota del informe sobre la marcha de las actividades de ONUDI que se encuentra en el documento UNEP/OzL.Pro/ExCom/40/17.

2. Supervise los siguientes proyectos con demoras en la ejecución y tome nota de su lento avance:

    a) Plan de eliminación del metilbromuro en Turquía (TUR/FUM/35/INV/74);

    b) Plan de eliminación del metilbromuro en Uganda (UGA/FUM/34/INV/08);

c) Proyecto de demostración sobre el metilbromuro en Botsuana (BOT/FUM/25/DEM/05);

d) Proyecto de demostración sobre el metilbromuro en Camerún (CMR/FUM/25/DEM/16);

e) Taller sobre el metilbromuro en Malí (MLI/FUM/26/TRA/12); y

f) Proyecto de demostración sobre el metilbromuro en Tailandia (THA/FUM/25/DEM/97).

3. Tome nota de que ONUDI informará ante la Cuadragésima Primera Reunión sobre 26 proyectos con demoras en la ejecución, incluyendo en ellos 15 proyectos que ya fueron clasificados en esta categoría el año pasado.

4. Tome nota de que ONUDI tenía 90 proyectos que había clasificado como completados desde hacía más de un año, con saldos remanentes que totalizan 2 951 018 $EUA.

5. Solicite a ONUDI y a la Secretaría que se ocupen de las incoherencias financieras entre el informe sobre la marcha de las actividades de ONUDI y el Inventario de Proyectos Aprobados de la Secretaría con motivo de la Conciliación de los Estados de Cuenta que se presentarán ante la Cuadragésima Primera Reunión.

Annex I

UNIDO PROJECT IMPLEMENTATION BY COUNTRY

Country	Phased Out in 2002 (ODP Tonnes)	Percentage of Planned Phase-out Achieved in 2002	Estimated Funds Disbursed in 2002 (US$)	Funds Disbursed in 2002 (US$)	Percentage of Funds Disbursed over Estimation in 2002 (%)	Net Emission due to delay in 2002 (actual versus Planned Date of Completion in 2001)	Net Emission due to delay in 2002 (actual versus Date of Completion per Proposal)	Percentage of Planned Projects Completed in 2002	Changes in A7 Data (2002Vs2001)
Albania	0.0			14,233		0.0	0.0		
Algeria	194.0	100%	203,000	458,608	226%	-475.7	-528.9	75%	-19.8
Argentina	92.3	0%	500,000	843,768	169%	140.0	140.0	0%	88.9
Barbados	0.0		0	0		0.0	0.0		
Benin	0.0		0	0		0.0	0.0		
Bosnia and Herzegovina	0.0		166,000	228,971	138%	0.0	0.0	20%	
Botswana	0.0		20,000	21,336	107%	0.0	0.0	0%	
Brazil	17.7		626,500	864,524	138%	0.0	0.0	83%	
Burkina Faso	0.0		20,000	22,467	112%	0.0	0.0		
Cameroon	250.0	100%	70,000	203,780	291%	-845.1	-845.1	67%	-126.8
China	867.6	28%	8,605,800	10,302,523	120%	2,077.6	2,149.8	67%	No 2002 A7 or CP Data
Colombia	0.0		30,000	30,567	102%	0.0	0.0	100%	
Cote D'Ivoire	0.0		0	2,210		0.0	0.0		
Croatia	6.2		168,000	91,967	55%	0.0	0.0	0%	
Cuba	0.0		200,000	138,040	69%	0.0	0.0		
Dominican Republic	0.0		30,000	46,366	155%	0.0	0.0	100%	
Ecuador	0.0		0	0		0.0	0.0		
Egypt	19.7	100%	331,000	497,253	150%	-764.4	-764.4	80%	-640.2
Gambia	0.0		0	0		0.0	0.0		
Georgia	0.0		15,000	24,349	162%	0.0	0.0	100%	
Global	0.0		0	0		0.0	0.0		
Guatemala	0.0		20,000	32,140	161%	0.0	0.0	100%	
Guinea	0.0		0	0		0.0	0.0		
Guyana	0.0		0	2,400		0.0	0.0		
Honduras	0.0		70,000	218,476	312%	0.0	0.0	100%	

Country	Phased Out in 2002 (ODP Tonnes)	Percentage of Planned Phase-out Achieved in 2002	Estimated Funds Disbursed in 2002 (US$)	Funds Disbursed in 2002 (US$)	Percentage of Funds Disbursed over Estimation in 2002 (%)	Net Emission due to delay in 2002 (actual versus Planned Date of Completion in 2001)	Net Emission due to delay in 2002 (actual versus Date of Completion per Proposal)	Percentage of Planned Projects Completed in 2002	Changes in A7 Data (2002Vs2001)
India	190.5	68%	827,000	1,589,314	192%	136.5	158.0	64%	No 2002 A7 or CP Data
Indonesia	0.0		70,000	279,241	399%	-8.2	-8.2	100%	No 2002 A7 or CP Data
Iran	251.5	34%	3,370,000	3,834,221	114%	100.0	-189.7	56%	No 2002 A7 or CP Data
Jamaica	0.0		0	0		0.0	0.0		
Jordan	69.8	0%	757,000	746,420	99%	-129.0	-129.0	83%	No 2002 A7 or CP Data
Kenya	0.0		40,000	63,904	160%	0.0	0.0	0%	
Korea, DPR	500.0		50,000	1,462,104	2924%	15.1	15.1	100%	-49.4
Kuwait	0.0			0		21.7	21.7		No 2002 A7 or CP Data
Lebanon	37.5	100%	306,000	421,675	138%	6.4	6.4	100%	-123.4
Libya	0.0		305,000	166,955	55%	27.1	27.1	0%	No 2002 A7 or CP Data
Macedonia	28.5	100%	473,000	791,427	167%	-2.8	-2.8	100%	-33.7
Malaysia	0.0		112,000	123,288	110%	0.0	0.0	100%	
Mali	0.0			2,038		0.0	0.0		
Mexico	35.2	100%	253,000	472,459	187%	0.6	0.6	40%	6,475.1
Morocco	23.0	0%	437,500	585,053	134%	220.3	220.3	0%	-1,005.0
Mozambique	0.0		0	1		0.0	0.0		
Nicaragua	0.0		15,000	1,038	7%	0.0	0.0	0%	
Nigeria	35.1	13%	991,000	796,531	80%	68.7	68.7	20%	-377.05
Oman	0.0		125,000	72,976	58%	30.8	30.8		-27.6
Pakistan	40.7	22%	546,700	427,415	78%	36.9	36.9	17%	No 2002 A7 or CP Data
Panama	0.0			19,269		0.0	0.0		
Peru	0.0		0	0		0.0	0.0		
Philippines	0.0		0	0		0.0	0.0		
Qatar	0.0		90,000	117,079	130%	17.6	17.6		No 2002 A7 or CP Data
Region: AFR	0.0		0	0		0.0	0.0		
Region: LAC	0.0		0	0		0.0	0.0		
Romania	0.0		53,000	257,305	485%	0.0	0.0	100%	
Senegal	0.0	0%	70,000	75,476	108%	2.5	2.5	0%	-23.3
Serbia and Montenegro	0.0		455,000	550,488	121%	-31.9	-31.9	33%	78.8

Country	Phased Out in 2002 (ODP Tonnes)	Percentage of Planned Phase-out Achieved in 2002	Estimated Funds Disbursed in 2002 (US$)	Funds Disbursed in 2002 (US$)	Percentage of Funds Disbursed over Estimation in 2002 (%)	Net Emission due to delay in 2002 (actual versus Planned Date of Completion in 2001)	Net Emission due to delay in 2002 (actual versus Date of Completion per Proposal)	Percentage of Planned Projects Completed in 2002	Changes in A7 Data (2002Vs2001)
Seychelles	0.0		0	0		0.0	0.0		
Sudan	47.7	47%	125,000	107,345	86%	-3.4	-5.1	33%	-13.0
Swaziland	0.0		0	0		0.0	0.0		
Syria	101.0	60%	875,000	371,393	42%	-142.9	-245.3	50%	234.5
Tanzania	0.0		0	169,999		-130.9	0.0	0%	No 2002 A7 or CP Data
Thailand	0.0		10,000	62,667	627%	0.0	0.0	0%	
Tunisia	0.0	0%	106,000	193,065	182%	25.1	25.1	0%	-103.6
Turkey	0.0	0%	650,000	510,567	79%	128.6	128.6	33%	-54.7
Uganda	0.0		100,000	14,683	15%	0.0	0.0		
Uruguay	5.0		70,000	162,516	232%	0.0	0.0		
Venezuela	36.4	37%	619,000	955,803	154%	73.1	73.1	71%	No 2002 A7 or CP Data
Vietnam	0.0		50,000	165,803	332%	0.0	0.0	0%	
Yemen	0.0		363,000	219,438	60%	0.0	0.0	100%	
Zambia	0.0		0	0		0.0	0.0		
Zimbabwe	41.0		320,000	663,883	207%	44.7	44.7	100%	No 2002 A7 or CP Data
Total	**2,890.3**	**42%**	**23,709,500**	**30,496,815**	**129%**	**639.0**	**416.5**	**55%**	

UNITED NATIONS INDUSTRIAL DEVELOPMENT ORGANIZATION

UNIDO Progress and Financial Report 2002

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1. Project Approvals and Disbursements

A. Annual summary data

1. Table 1 "Annual Summary" includes the most important annual data, such as number of approvals, corresponding ODP (wherever applicable), approved funding, adjustment and disbursement characteristics. The cumulative funds for the period 1993-2002 of approved for UNIDO activities under the Multilateral Fund amount to US$ 284,064,019, excluding agency support cost, however including the core unit funding for 2003. This amount also includes the adjustments made until end 2002. The details are contained in the attached database printout (Annex II). In this printout, the data are sorted by regions and within each region the completed, financially completed, ongoing and closed (cancelled) projects are listed.

2. As of 31 December 2002, UNIDO's cumulative disbursement for all projects (completed and ongoing) amounts to US$ 210,505,412 excluding agency support cost. This corresponds to a delivery rate of 74.0 per cent. Out of this amount, US$ 190,180,513 relate to cumulative disbursement for investment projects (Table 2, "Summary Data by Project Type"). This represents 74.34 per cent of the total value of investment project approvals including adjustments as of December 2002.

B. Interest

3. The interest earned for the period 1993 – 2002 amounts to US$ 23,551,850 and is shown by years in the Table 1 "Annual Summary". The interest earned in 2002 amounts to US$ 682,967.

C. Summary data by type

4. The cumulative technical assistance activities approved for UNIDO by the Multilateral Fund are listed in Annex II. The following table shows their breakdown by types.

Type	US$[1]	Per cent
CPG (Country Programme Preparation)	660,000	0.23
DEM (Demonstration projects including phase-out projects in the methyl bromide)	7,975,660	2.84
INS (Institutional strengthening)	2,425,723	0.86
INV (Investment projects)	251,166,776	89.43
PRP (Project preparation)	9,555,815	3.40
TAS (Technical Assistance)	7,903,042	2.81
TRA (Training)	1,178,280	0.42
Total (excluding agency support cost)	**280,865,296**	100.00

5. UNIDO has maintained its leading role in the fumigants sector (methyl bromide) and has completed the implementation of demonstration projects in the use of alternatives to methyl bromide in several countries. During the same period, progress was reported in some investment projects and partial

[1] *These figures are without adjustments, which in total are US$ 3,198,723.*

phase out was achieved in Argentina, Croatia, Lebanon, Morocco and Turkey in soil fumigation, as shown below:

Country	Crops or commodities	ODP to be phased out
Argentina	Phasing out methyl bromide in vegetables and cut flowers	92.3 tonnes
Croatia	Phasing out of methyl bromide in the tobacco sector	6 tonnes
Lebanon	Phasing out of methyl bromide for soil fumigation in strawberry production	6 tonnes
Morocco	Phase out of methyl bromide for soil fumigation in strawberry production	23 tonnes
Turkey	Phasing out of methyl bromide in soil fumigants	43.52 tonnes

The second annual tranche of the Work Programme of the Tobacco Sector in China was approved for implementation in 2002. This second tranche of the project was successfully implemented and 200 tonnes were phased out.

6. Table 2 "Summary of Data by Project Type", shows approvals, adjustments and disbursements by type of project/activity.

7. Disbursements by activity type and as percentage of activity allocations are as follows:

Type	US$	Per cent
CPG (Country Programme Preparation)	548,538	0.26
DEM (Demonstration projects)	6,829,748	3.24
INS (Institutional strengthening)	1,596,359	0.76
INV (Investment projects)	190,180,513	90.34
PRP (Project preparation)	6,610,869	3.14
TAS (Technical Assistance)	3,960,902	1.88
TRA (Training)	778,483	0.37
Total (excluding agency support cost)	**210,505,412**	100.00

8. UNIDO's overall disbursement rate (excluding agency support cost) was 74.5 per cent as of 31 December 2002. UNIDO continued its concerted efforts to accelerate project and programme delivery and, at the same time, paid full attention to quality aspects in project implementation. Furthermore, the Organization accorded high priority to its programme/project identification, formulation and approvals portfolio. In the year 2002 UNIDO strengthened its efforts to switch from project-by-project approach to national and sectoral phase-out programmes in line with the requests of and in close cooperation with the governments.

D. Multi-year Agreements

9. As shown in Annexes II and III, UNIDO is implementing ten performance-based, multi-year agreements. Four of these agreements are related to the methyl bromide sector (Lebanon, Morocco, Syria and Turkey), three agreements are assisting the conversion of refrigeration sector in China, India and Nigeria. UNIDO is also implementing one production sector phase-out agreement in the DPRK and the phase-out of CFCs in the use of tobacco-fluffing industry in China.

The total amount of funds committed by the ExCom for these agreements amounts to US$ 31,021,698. From this amount, US$ 14,398,682 has already been released until April 2003, and US$ 4,979,064 has already been disbursed.

The total ODS consumption to be phased out through these multi-year agreements amounts to 3,053.4 ODP tonnes, the allowed ODS consumption for the reporting year was 2,701.4 ODP tonnes.

The ODS production to be phased out by UNIDO in DPRK is 4,280 ODP tonnes. The allowed production for 2002 was set at 3,780 ODP tonnes representing a reduction of 500 ODP tonnes. The target reduction was achieved and the current ODS production in DPRK amounts to 3,780 ODP tonnes.

In most cases, the agreements are proceeding according to schedule, however, some delays were experienced earlier in Turkey due to government procedures. UNIDO actively followed up the matter and by now the training and equipment purchases have already started. There are also delays in Morocco, and since the agreement with the Tomato Producers Association has not been signed, the project activities are stalled.

E. Sector phase out by country

10. The sectoral breakdown of UNIDO's investment activities (investment, recovery and recycling and demonstration projects only) and the corresponding direct phase-out impact is as follows:

Sector	US$ (000)	Per cent	ODP tonnes	Per cent
Aerosols	8,091	2.85	3,477	9.57
Foams	65,096	22.92	12,857	35.40
Fumigants (demonstration and investment projects)	33,715	11.87	2,017	5.55
Halons	844	0.30	1,480	4.08
Other (Tobacco)	4,316	1.52	210	0.58
Phase-out plan	1,442	0.51	41	0.11
Process Agent	2,883	1.01	590	1.62
Production	1,382	0.49	500	1.38
Refrigeration (including MACs and compressors as well as R + R)	143,671	50.58	13,489	37.14
Solvents	16,558	5.83	1,638	4.51
Several	6,062	2.13	20	0.06
Totals	**284,060**	**100.00**	**36,319**	**100.00**

11. Information on funded ODP phase-out by region/country for ongoing projects is given in Table 3 "ODP Phase-out by Region, Country and Sector – Ongoing Projects".

12. Until end of reporting period, UNIDO eliminated 24,565 tonnes including partial phase-out of ongoing projects with 3,169 tonnes in the aerosol sector; 7,659 ODP tonnes in the foam sector; 391 ODP tonnes in the fumigants (methyl bromide) sector; 1,480 ODP tonnes in the halon sector; 10,004 ODP tonnes in the refrigeration sector including recovery and recycling, MACs and compressors; 895 ODP tonnes in the solvents sector, 500 tonnes in the production sector, and finally, 290 ODP tonnes in the other (tobacco-fluffing) sector.

13. Partial ODP phase out is reported in Table 3b "Partial ODP Phase-out by Sector, Region,

Country". The partial phase-out achieved in 2002 is shown in the following table on a country-by-country basis.

Partial phase-out in 2002	
Country	**ODP tonnes**
Argentina (Methyl bromide)	92.3
China (tobacco, multi-year)	200.0
Croatia (methyl bromide)	6.2
DPRK (production sector, multi-year)	500.0
Macedonia (methyl bromide)	15.0
Morocco (methyl bromide)	23.0
Sudan (refrigeration)	2.55
Uruguay (methyl bromide)	5.0
Zimbabwe (methyl bromide)	41.0
Total	**885.05**

2. Project Completion since last Report

A. ODP phased out since last report - investment projects

14. The ODP phased out through investment projects in the reporting period (1 January – 31 December 2002) amounts to 2,876.5 ODP tonnes. The details are shown in Tables 3b and 4. Table 4 "Demonstration, Investment and Recovery and Recycling Projects Completed since last Report". The latter phase-out figure includes partial phase-out of 885 ODP tonnes. Table 4a "Completed Projects – ODP Phase out" shows the total of investment, non-investment and project formulation activities completed during the reporting period. Table 4b gives information on cancelled/closed projects. In total, seven investment and one preparatory assistance projects were cancelled in agreement with the respective governments (five in Africa, two in Europe and one in Latin American and the Caribbean). Out of the approved US$ 2,471,271, US$ 1,119,046 was returned. The phase-out per proposal amounted to 90.2 ODP tonnes and the actually achieved phase-out was 19.2 ODP tonnes.

B. Non-investment project completions since last report

15. Since the last report, fifteen non-investment projects, with an approved funding of US$ 1,274,204 were completed. 85 per cent of the funds were disbursed. Of those projects, three were in Africa, four in Asia and the Pacific, two in Europe, and two in Latin America and the Caribbeans.. Details are shown in Table 4c "Non-Investment Projects Completed since last Report".

3. Global and Regional Project Highlights

A. Global Projects

16. In 2002, as a result of the new support cost regime, one global project was approved for UNIDO as a core unit funding for 2003 in the amount of US$ 1,500,000.

B. Regional Projects

17. No specific regional activities were carried out in the reporting period.

4. Performance Indicators

A. Agency's Business Plan Performance Goals

A1. Investment Projects

Disbursement target and achievement

18. The 2003 disbursement target of UNIDO (excluding agency support cost) was set at US$ 22,000,000.

The amount of funds disbursed in 2002 is calculated as follows:

Type of project	Funds disbursed as of 31 Dec. 2001 (US$) *(see Table 2 of PF Report for 2001*	Funds disbursed as of 31 Dec. 2002 (US$) *(see Table 2)*	Funds disbursed in 2002 (US$) (difference)
Investment projects	162,915,391	190,180,513	27,265,122
Demonstration projects	5,965,980	6,829,748	863,768
Recovery and Recycling (included under Technical Assistance)	2,507,948	3,126,273	618,325
Totals	**171,389,319**	**200,136,534**	**28,747,215**

The amount disbursed by UNIDO in 2002, excluding agency support cost, reads US$ 28,747,215 out of which US$ 27,265,122 were disbursed for investment projects. It exceeds the target set and represents a performance coefficient of 123.9 per cent.

Phase-out target and achievement

19. In the UNIDO Business Plan for 2002, the target of ODP to be phased out was set at 2,836 ODP tonnes. To achieve that goal, several measures were taken, and as the review of the disbursement situation demonstrates the actions taken were successful and the implementation process was accelerated. This resulted in a phase-out of 2,876.5 ODP tonnes which corresponds to 101.4 per cent of the set target.

Distribution of projects among countries

20. According to the Business Plan 2002, the investment and demonstration projects to be formulated in 2002 were supposed to be distributed among 26 countries. Even though projects were prepared, in many countries could not be approved by the ExCom due to data inconsistency projects. In other countries, the governments decided to move away from the project-by-project approach to national or sectoral phase-out plans which require more time for the preparation of these programmes. As a result, the approved projects were distributed among 18 countries.

Satisfactory project completion reports

21. The target set in the 2002 UNIDO Business Plan was 100 per cent in line with Decision 27/2 which foresees a target of 100 per cent for all implementing agencies. In the case of the project completion reports of UNIDO projects, more PCRs have been submitted than requested. According to the schedule agreed with the Chief Evaluation Officer, 14 PCRs for investment projects were requested, whereas UNIDO submitted 45. In the case of non-investment projects, 21 PCRs were submitted instead of eight required.

Speed of delivery indicators

22. In implementing the investment projects, the overall average time span from approval to first disbursement amounted to 9.36 months in 2002 which favourably compares with the target of 10 months. Further details on the speed of first disbursement for investment projects can be obtained from Tables 5 and 7.

The speed of project completion was 30.58 months as compared to the 2002 Business Plan target of 36 months. This also indicates the special efforts of UNIDO to assist Article 5 countries in their compliance.

Cost of project preparation

23. The target cost of project preparation indicated in the 2002 Business Plan was 2.97 per cent of the approvals. The disbursement incurred in 2002 for investment project preparation amounts to US$ 916,269 based on the following calculation:

	Funds disbursed for project preparation (US$)
Cumulative disbursement according to P&F Report of 2002 (Table 2)	5,636,514
Cumulative disbursement according to P&F Report of 2002(Table 2)	6,610,869
Amount disbursed in 2002 (including RMPs)	**974,355**
Less difference disbursed for RMPs	58,086
Amount disbursed in 2002	**916,269**

The investment projects approved in 2002 reached a value of US$ 30,877,842. The cost of project preparation was 2.97 per cent, slightly higher than targeted. In this connection it is to be noted that a part of the project preparatory funds were disbursed for the preparation of multi-year projects, however, in the approval only the current year tranche was taken into consideration.

Cost effectiveness

24. According to the 2002 Business Plan, the cost-effectiveness target for approved projects in 2002, was US$ 8.52 / ODP kg. The average cost effectiveness of project approvals in 2002 amounted to US$ 8.64 / ODP kg. This value is slightly higher than planned, since the ODP phase-out to be achieved by the multi-year Algeria RMP and the Nigeria refrigeration projects were not considered yet, only the values of the 2002 tranches.

25. The performance indicators are summarized in the following table:

Performance indicators for investment projects:
Targets and achievements in 2002

Performance indicators	Targets UNIDO Business Plan 2002	Achievements as per P&F Report	P&F vs BP (remarks wherever applicable)
Weighted indicators			
ODP phased out (ODP tonnes)	2,836 ODP tonnes	2,876.5	101.4 %
Funds disbursed (US$)	22,000,000	27,265,122	123.9 %
Satisfactory project completion reports due for submission in 2002 received	100 % 14 investment 8 non-investment	300 % 45 investment 21 non-investment	300 %
Distribution of projects among countries in business plan	26	18: investment 25: investment + preparatory assistance	65.4 %
Timely submission of Progress Report	1 May 2003	30 April 2003	
Non-weighted indicators			
Net emissions ODP tonnes)	14,100	5,009	
Value of projects approved in US$	29,611,148	30,877,842	104.3 %
ODP from projects approved (ODP tonnes)	3,472	3,575	102.9 %
Cost of project preparation	2.7%	2.97%	
Cost effectiveness from approvals (US$/ODP kg)	8.52	8.64	
Speed of first disbursement (average in months)	10 months	9.36 months	
Speed of project completion (average in months)	36 months	30.58 months	
Number of investment projects completed in 2002	35	45	128.6 %

A2. Non-investment Projects

Projects completed

26. A total of fifteen projects were completed as shown in Table 4c "Non-investment projects completed since last Report". Of these, three projects were completed in Africa, four in Asia and the Pacific, six in Europe and two in Latin America.

Ten of the non-investment projects provided assistance to various Article 5 countries in phasing out CFCs in the refrigeration service sector through preparation of RMP strategies, implementation of training programmes and supporting their recovery and recycling schemes. In 2002, Egypt, Macedonia and Syria were assisted through institutional strengthening projects, whereas Burkina Faso and Panama could raise

awareness in the use of methyl bromide through the training programmes implemented by UNIDO in these countries.

Speed of completion

27. The average cumulative completion time of all non-investment projects is 30.07 months. Details on the average number of months from approval to completion for completed and ongoing projects can be obtained from Tables 6 and 8 respectively.

Disbursement

28. According to the Business Plan for 2002, the amount expected to be disbursed (target) was US$ 867,000. The actual disbursed in 2002 reached US$ 1,393,569 or 160.7 per cent.

Speed of first disbursement

29. The average speed of first disbursement of the non-investment projects (completed and ongoing ones) is 9.65 months against the target of 10 months.

30. The performance indicators for non-investment projects are summarized in the following table:

Performance indicators for non-investment projects:
Targets and achievements in 2002

Performance indicator	Target 2002 Business Plan	Achievement Progress and Financial Report (P&F) 2002
Weighted indicators		
Number of projects completed	11 projects	15 projects
Funds disbursed in 2002 (US$)	867,000	1,393,569
Speed of first disbursement	10 months	9.65 months
Speed of completion	24 months	30.07 months
Non-Weighted indicators		
Appropriate and timely policies initiated by countries as the result of non-investment activities	1 country.	7 countries. The details are provided below.
Reduction in ODS consumption over and above that effected by investment projects (ODP tonnes)	69.7	13.5

Legislative measures supported by UNIDO through Institutional strengthening projects in 2002:

Bosnia & Herzegovina

- National Sub-committee for Ozone Layer Protection constituted.
- Framework for State Law on Environment Protection put in place.
- Regulation act on substances that deplete Ozone Layer, incl. import licensing and quota system, consumption control, information collection put in place.
- Environment Protection Law on Air, Land and Water Protection adopted by Entities' Parliaments.

Egypt

- Establishment of import/export monitoring system in collaboration with Customs and Excise Dept. is under way.
- Preparation of legislative measures in connection with MeBr, R&R and Halon Management Bank has started.

Oman

- Mandatory permit requirements for the companies/organizations regarding import and distribution of ODS have been initiated.

Qatar

- Quota system to control imports prepared.
- Law for protection of the Ozone Layer prepared but not yet ratified.

Romania

- Specific crossing-border customs offices for ODS set up.
- National quotas for ODS consumption and production in 2003 put into effect.
- Drafts for a number of laws and governmental guidelines prepared but not yet adopted.

Syria

- Ministerial decree on control and monitoring imports and uses of halons issued in October 2002.
- Ministerial decree on control uses and imports/export of all ODS-containing equipment drafted.
- Licensing system to control and monitor import and use of ODS adopted in Oct. 2002 by High Council for Environmental Protection.

Yugoslavia

- Ratification of MP Amendments prepared, however due to the political situation/reorganization of the State (which has been given highest priority) the process has not been completed.

B. Cumulative completed investment projects

32. Since 1993, UNIDO's cumulative number of completed investment projects has grown to 275, resulting in the phase out of 23,393.4 ODP tonnes. Out of a total of US$ 156,811,304 of approved MF financing for completed projects, 96.64 per cent of these funds was disbursed. The average number of months from approval to first disbursement was 9.68 months. The average number of months from approval to completion was 27.45 months. The cost effectiveness of completed projects is US$ 6.7/kg, whereas the figures of the cost effectiveness on a sectoral basis are US$ 4.22/kg for projects in the foam sector; US$ 10.42/kg for refrigeration; US$ 9.37/kg for solvents, and US$ 2.18/kg for aerosols. Table 5 "Cumulative completed investment projects by region, sector and implementation characteristics" illustrates more details, presenting information both on a regional and on a sectoral basis. The vast majority of completed investment projects have been implemented with disbursements of funds during implementation, only nine retroactively funded projects were implemented by UNIDO.

C. Cumulative completed non-investment projects

33. Since 1993, UNIDO's cumulative total number of completed non-investment projects, including the preparation of RMPs, is 65. Out of a total of US$ 11,043,902 of approved MF financing, 96.03 per cent of funds have been disbursed. Except for six Institutional Strengthening projects in Egypt,

Macedonia and Syria, all UNIDO completed non-investment projects were objective-sensitive. The disbursement took place during the implementation for all the completed projects. Table 6 "Cumulative completed non-investment projects by region, sector and implementation characteristics" provides details according to geographic region and sectors.

D. Cumulative ongoing investment projects

34. By the end of 2002, UNIDO's cumulative portfolio of ongoing investment, demonstration and recovery and recycling projects contained 162 projects. Of the US$ 98,216,749 million approved budget, 38.52 per cent has been disbursed. It took an average of 8.72 months from approval to first disbursement. The Africa region had 23 ongoing projects, Asia and the Pacific 100 ongoing projects, Europe 15 ongoing projects and Latin America and the Caribbean 24 ongoing projects. Table 7 "Cumulative ongoing investment projects by region, sector and implementation characteristics" illustrates the implementation characteristics among regions and sectors for UNIDO's ongoing investment projects. The ongoing projects are objective sensitive and the disbursement of funds takes place during implementation, except for one retroactive project.

E. Cumulative ongoing non-investment projects

35. At the end of 2002, UNIDO's cumulative portfolio of ongoing non-investment projects, including preparation of RMPs, consisted of 46 projects. Out of a total of US$ 8,940,910 million approved funding, 34.77 per cent has been disbursed. The average number of months from approval to first disbursement was 11.67 months. Table 8 "Cumulative ongoing non-investment projects by region, sector and implementation characteristics" illustrates details, presenting the projects according to regions, sectors and types.

36. Table 9 "Active Project Preparation Accounts" presents a list of 53 ongoing project preparation projects. Of these, 11 preparatory assistance activities are under implementation in Africa, 20 in Asia and the Pacific, 11 in Europe and 11 in Latin American and the Caribbeans.

5. Status of Agreements and Project Preparation by Country

A. Agreements to be signed/executed/finalized and when they will be ready for disbursing

37. As soon as a project is approved by the Executive Committee and after having notified the respective authorities, UNIDO embarks on the implementation stage. In doing so, prior to the start up of any activity, the Organization secures officially from the recipient company/companies/concerned authorities, validity/confirmation of basic project data, such as actual ODS consumption; percentage of exports and their structure; ownership situation; validity of counterpart commitment, etc., since by this time, a substantial period has elapsed from the time of formulation of the project. The projects, in most cases, are adjusted as a result of the negotiations during the approval process. Upon receipt, UNIDO prepares and finalizes in consultation with the recipients and the Ozone Authorities the agreement of cooperation as well as detailed Terms of Reference (TOR) for services to be rendered under the project both by the international technology and/or equipment suppliers and the counterpart. The TOR and the list of potential suppliers are approved by the counterpart. The bidding and subcontracting takes place only after this. The first payment is due approximately 2 months after the contract approval. The above-illustrated preparatory work explains, for investment, demonstration and recovery and recycling projects, the time elapsing between project approval and first disbursement.

In addition to that, UNIDO prepared several performance-based agreements in the methyl bromide sector in Argentina, Croatia, Dominican Republic, Guatemala, Honduras, Lebanon, Macedonia, Morocco, Syria, Turkey, Uganda, Uruguay and Zimbabwe, in the tobacco-fluffing sector in China, in the production sector in DPRK, and in the domestic refrigeration sector in China. UNIDO is co-implementing three multi-year performance-based agreements with UNDP as the leading implementing agency in India, Nigeria and Syria. The implementation modalities of these projects differ in individual countries taking into consideration the specific features of the countries, the technical and managerial level , the National Ozone Unit, as well as the availability of UNIDO representation in the country. In most cases, the timely implementation of these agreements ensured financing of subsequent tranches without delay.

B. Project preparation by country, approved amount and amounts disbursed

38. As of the end of 2002, UNIDO was active in terms of project preparation in the following countries:

AFRICA:
Algeria, Cameroon, Egypt, Libya, Morocco, Nigeria and Tunisia, Zimbabwe.

ASIA/PACIFIC:
China, DPR Korea, India, Indonesia, Iran, Jordan, Kuwait, Lebanon, Malaysia, Pakistan, Syria and Yemen.

EUROPE:
Albania, Bosnia and Herzegovina, Croatia, Georgia, Macedonia, Romania, Serbia and Montenegro, and Turkey.

AMERICA/CARIBBEAN:
Argentina, Brazil, Dominican Republic, Guatemala, Honduras, Mexico, Nicaragua, Panama and Venezuela.

The list and details of active project preparation accounts are shown in Table 9 “Active project preparation accounts”.

6. Administrative Issues (Operational, Policy, Financial and Other Issues)

A. Meetings attended

39. UNIDO attended/participated in the following meetings:

No.	Title of meeting	Place	Date
1	IAG Meeting	Paris	January 2002
2	Workshop on alternatives to Methyl Bromide	Amman	January 2002
3	Inter-agency Meeting	Tehran	February 2002
4	Workshop on alternatives to Methyl Bromide	Ouagadougou	February 2002
5	25th Meeting of the Sub-Committee on Project Review	Montreal	March 2002

No.	Title of meeting	Place	Date
6	16th Meeting of the Sub-Committee on Monitoring, Evaluation and Finance	Montreal	March 2002
7	36th Meeting of the Executive Committee	Montreal	March 2002
8	International Conference on alternatives to Methyl Bromide	Sevilla	March 2002
9	3 workshops for the preparation of the RMP in Pakistan	Karachi, Lahore and Islamabad	March 2002
10	Earth Technologies forum and OORG	Washington D.C.	March 2002
11	The main Meeting of the ODS officers for South, Central American, Mexico and Spanish speaking Caribbean countries.	Santo Domingo	April 2002
12	Main Meeting of the South Asia Network of ODS Officers	Bangkok	April 2002
13	Workshop on alternatives to Methyl Bromide in agriculture	Ohrid	April 2002
14	The main Meeting of West Asia Network officers	Muscat.	May 2002
15	Lesson Learned and Case Studies in Technology Transfer for ODS Phase out under the Multilateral Fund of the Montreal Protocol	Malawi	May 2002
16	8th International Working Conference on Stored Product Protection	York	July 2002
17	26th Meeting of the Sub-Committee on Project Review	Montreal	July 2002
18	17th Meeting of the Sub-Committee on Monitoring, Evaluation and Finance	Montreal	July 2002
19	37th Meeting of the Executive Committee	Montreal	July 2002
20	28th Implementation Committee Meeting under the non-compliance procedure for the Montreal Protocol	Montreal	July 2002
21	1st Meeting of the Bureau of the 13th Meeting of the Parties to the Montreal Protocol on Substances that deplete the Ozone Layer	Montreal	July 2002
22	22nd Open-Ended Working Group Meeting of the Parties to the Montreal Protocol on Substances that deplete the Ozone Layer	Montreal	July 2002
23	Ad hoc Working Group Replenishment	Montreal	July 2002
24	ODS officer Network Meeting for Africa	Yaounde	October 2002
25	27th Meeting of the Sub-Committee on Project Review	Rome	November 2002
26	18th Meeting of the Sub-Committee on Monitoring, Evaluation and Finance	Rome	November 2002

No.	Title of meeting	Place	Date
27	38th Meeting of the Executive Committee	Rome	November 2002
28	29th Implementation Committee Meeting under the non-compliance procedure for the Montreal Protocol	Rome	November 2002
29	Third Meeting of the Bureau of the Fifth Meeting of the Conference of the Parties to the Vienna Convention	Rome	November 2002
30	Second Meeting of the Bureau of the 13th Meeting of the Parties to the Montreal Protocol on Substances that deplete the Ozone Layer	Rome	November 2002
31	14th Meeting of the Parties to the Montreal Protocol	Rome	November 2002
32	Workshop on alternatives to Methyl Bromide in fumigation of dates	Biskra	December 2002

B. Implementing agency and other cooperation

40. Cooperation with UNDP: The cooperation and coordination between the two agencies is strengthened and the activities/division of labour in all regions continues. It is to be highlighted that three performance-based, multi-year agreements are being co-implemented with UNDP as the leading agency, they are in India, Nigeria and Syria. In all these multi-year agreements UNIDO has formulated a part of the programme and now it is responsible for the full or part of the refrigeration manufacturing sector phase-out activities. This new type of cooperation is still in its initial stage and is subject to further improvement and harmonization of efforts.

41. Cooperation with UNEP: UNIDO is regularly attending regional workshops and specialized meetings organized by UNEP. Furthermore, UNIDO and UNEP signed an MOU aimed at disseminating in a systematic way the results of the demonstration projects in the methyl bromide sector. There is cooperation with UNEP in the formulation and implementation of RMPs (Kuwait), country programmes (DPRK) and national phase-out plans (Albania).

42. Cooperation with the World Bank: The coordination of activities continues alongside the earlier established lines of good spirit and good cooperation. The two agencies assisted UNEP in the formulation of the solvent sector strategy in India. Besides, UNIDO and the World Bank have been working on the finalization of the process agents sector phase-out plan in India. These two programmes will serve as a basis for the CTC phase-out plan of the country.

43. Participation in Inter-Agency Meetings: UNIDO participated in all major Inter-Agency Coordination meetings organized by either the Multilateral Fund Secretariat or by any of the other implementing agencies.

44. Cooperation with bilaterals, specifically Canada, France, Germany, Italy and Japan, has been strengthened during the reporting period. As a result, projects were approved in 2002 and other projects approved earlier are being implemented in the methyl bromide sector (Canada, France, Italy), refrigeration sectors (Italy, Japan) and foam sector (Japan). UNIDO also actively participated in the concessional lending workshop organized by Japan at the time of the 37th ExCom meeting. UNIDO has also strengthened its cooperation with GTZ in the methyl bromide sector, formulation of CFC phase-out plan in Iran and implementation of refrigeration training programmes in Egypt.

C. Other issues

45. In the year 2002, UNIDO took effective measures to accelerate the implementation of approved projects in order to assist Article 5 countries in reaching their compliance obligations. The staff at Headquarters were strengthened, the field representation of UNIDO is taking a more active role in supporting implementation and monitoring activities in the field.

46. UNIDO is reinforcing its programme development activities and increasing the share of multi-year and performance-based programmes and projects instead of the traditional individual project formulation and implementation approach.

7. Tables and Annexes

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Table 1: Annual Summary

Year/ Implementation Characteristic	Number of Approvals*	Number Completed	Per Cent Completed	Consumption ODP to be Phased Out*	Consumption ODP Phased Out*	Per Cent of ODP Phased Out	Production ODP to be Phased Out*	Production ODP Phased Out*	Per Cent of Production ODP Phased Out	Approved Funding (US $)	Adjustment (US $)	Funds Disbursed (US $)	Per Cent of Funds Disbursed	Balance (US $)	Estimated Disbursement in Current Year (US $)	Administrative Support (US$)*	Administrative Support Adjustment (US$)	Interest earned and reported (US$)
Disbursement during Implementation																		
1992	0	0	0.00%	0.00	0.00	0.00%	0	0	0%	0	0	0	0.00%	0	0	0	0	
1993	20	20	100.00%	993.80	981.10	98.72%	0	0	0%	5,601,270	5,714,732	11,316,002	100.00%	0	0	728,165	742,915	82,813
1994	52	52	100.00%	2,793.10	3,209.00	114.89%	0	0	0%	31,434,516	(829,181)	30,605,333	100.00%	2	0	4,086,487	(107,794)	597,192
1995	57	55	96.49%	4,209.50	3,909.50	91.93%	0	0	0%	25,716,623	(1,261,680)	23,202,646	94.88%	1,252,297	701,321	3,343,161	(164,018)	2,486,948
1996	46	42	91.30%	2,845.98	2,730.52	95.94%	0	0	0%	20,408,498	(669,697)	19,336,616	97.96%	402,185	313,189	2,653,105	(87,061)	3,550,981
1997	128	122	95.31%	6,638.45	6,133.45	92.39%	0	0	0%	43,809,669	(2,371,567)	39,945,875	96.40%	1,492,227	644,173	5,695,257	(308,304)	3,147,059
1998	87	77	88.51%	2,560.70	2,467.83	96.37%	0	0	0%	23,871,778	(592,061)	21,609,589	92.83%	1,670,128	796,020	3,051,779	(75,205)	4,418,655
1999	120	100	83.33%	4,040.60	3,125.64	79.71%	0	0	0%	35,759,199	(1,137,212)	29,057,332	83.93%	5,564,655	2,705,829	4,322,001	(146,870)	3,844,716
2000	94	56	59.57%	3,526.01	870.34	24.68%	0	0	0%	28,496,650	1,778,016	18,728,664	61.86%	11,546,002	4,371,176	3,367,463	200,285	2,431,724
2001	119	26	21.85%	3,447.48	17.20	0.50%	0	0	0%	24,878,735	(216,050)	8,500,004	34.47%	16,162,681	7,357,293	3,118,093	(28,087)	2,308,795
2002	79	2	2.53%	4,200.60	200.00	5.00%	0	0	100%	33,413,225	2,800,061	2,043,115	5.90%	34,170,171	11,500,258	3,641,849	350,381	682,967
Sub-Total	**802**	**552**	**68.83%**	**35,256.22**	**23,644.58**	**67.06%**	**0**	**0**		**273,390,163**	**3,215,361**	**204,345,176**	**73.88%**	**72,260,348**	**28,389,259**	**34,007,361**	**376,243**	**23,551,850**
Disbursement after Completion																		
Retroactively Funded	10	9	90.00%	516.70	420.80	41.39%	500	500	100.00%	5,224,410	(202,014)	4,673,905	93.06%	348,491	232,284	518,960	(26,262)	
Time-sensitive Accour	16	6	37.50%	20.40	0.00	0.00%	0	0	0.00%	2,250,723	185,376	1,486,331	61.01%	949,768	286,001	292,594	24,099	
GRAND TOTAL	**828**	**567**	**68.48%**	**35,793.32**	**24,065.38**	**67.23%**	**500.00**	**500.00**	**100.00%**	**280,865,296**	**3,198,723**	**210,505,412**	**74.10%**	**73,558,607**	**28,907,544**	**34,818,915**	**374,080**	**23,551,850**
** Figures do not include cancelled (closed) projects*																		

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Table 2: Summary Data by Project Type

Type	Number of Approvals*	Number Completed*	Per Cent Completed	Approved Funding (US$)	Adjustment (US $)	Funds Disbursed (US $)	Per Cent of Funds Disbursed	Balance (US$)	Estimated Disbursements in Currrent Year (US $)
Country Programme Preparation	9	7	77.78%	660,000	(36,600)	548,538	87.99%	74,862	69,000
Demonstration Projects	22	16	72.73%	7,975,660	(250,353)	6,829,748	88.41%	895,559	428,700
Institutional Strengthening Projects	17	7	41.18%	2,425,723	185,376	1,596,359	61.14%	1,014,740	350,801
Investment Projects	437	275	62.93%	251,166,776	4,664,668	190,180,513	74.34%	65,650,931	25,000,593
Project Preparation	280	227	81.07%	9,555,815	(1,308,052)	6,610,869	80.15%	1,636,894	799,475
Technical Assistance Projects	42	23	56.10%	7,903,042	(56,536)	3,960,902	62.41%	3,885,604	2,086,836
Training Projects	21	12	57.14%	1,178,280	220	778,483	66.06%	400,017	172,139
Sub Total	**828**	**567**	**68.48%**	**280,865,296**	**3,198,723**	**210,505,412**	**74.10%**	**73,558,607**	**28,907,544**
Administrative Support				**34,818,915**	**374,080**				
Grand Total				**315,684,211**	**3,572,803**				

Includes Closed and Transferred Projects

* *Figures do not include cancelled (closed) projects*

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Table 3: ODP to be Phased out - by Region, Country and Sector - Ongoing Projects

Status	Project Title	Region	Cntry	Sector	Mtg.	Type	No.	UNIDO Project No.	ODP to be phased out	Aerosols	Foams	Fumigants	Halons	Other (Tobacco)	Process Agent	Refrigeration (incl. MAC and compressors)	Several (R&R)	Solvents
ONG	Phasing out CFC-11 in the manufacture of sandwich panels by discontinuous method at Prosider Berrahal	AFR	ALG	FOA	19	INV	13	ALG/96/084	82.00		82.00							
ONG	Conversion from CFC-11 to HCFC-141b and CFC-12 to HFC-134a technology in the manufacture of commercial refrigeration at the RCA (Société de Réfrigeration et de Conditionnement de l'air)	AFR	ALG	REF	32	INV	47	ALG/01/005	27.30							27.30		
ONG	Conversion from CFC-11 to HCFC-141b and CFC-12 to HFC-134a technology in the first group of commercial refrigerator manufacturers	AFR	ALG	REF	37	INV	56	ALG/02/084	18.60							18.60		
ONG	Refrigerant management plan to phase out the use of ODS in the refrigeration servicing sector (includes: training in good refrigerant management practices, training of customs officers, and recovery and recycling programme)	AFR	CMR	REF	38	TAS	18	CMR/02/146	112.60							112.60		
ONG	National phase-out of methyl bromide in horticulture and commodities fumigation	AFR	EGY	FUM	38	INV	86	EGY/02/145	185.60			185.60						
ONG	Phasing out ODS in the production of refrigerators and freezers at Electrical Household Appliance Manufacturing	AFR	LIB	REF	32	INV	3	LIB/01/021	53.40							53.40		
ONG	Phase out of methyl bromide for soil fumigation in strawberry production	AFR	MOR	FUM	32	INV	41	MOR/00/164	155.00			155.00						
ONG	Phase-out of methyl bromide for soil fumigation in tomato production (first tranche)	AFR	MOR	FUM	34	INV	44	MOR/01/183	109.80			109.80						
ONG	Conversion from CFC-11 to HCFC-141b and CFC-12 to HFC-134a technology in the manufacture of commercial refrigeration equipment at Climatisation et Froid Loudaya (CFL)	AFR	MOR	REF	35	INV	45	MOR/01/199	15.00							15.00		
ONG	Conversion from CFC-11 to HCFC-141b and CFC-12 to HFC-134a technology in the manufacture of commercial refrigeration equipment at First Clim Co.	AFR	MOR	REF	35	INV	46	MOR/01/200	9.00							9.00		
ONG	Conversion from CFC-11 to HCFC-141b and CFC-12 to HFC-134a technology in the manufacture of commercial refrigeration equipment at Etablissement Lahdar	AFR	MOR	REF	35	INV	47	MOR/01/198	7.40							7.40		
ONG	National CFC phase-out plan: refrigeration manufacturing	AFR	NIR	PHA	38	INV	105	NIR/02/157	-									

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Table 3: ODP to be Phased out - by Region, Country and Sector - Ongoing Projects

Status	Project Title	Region	Cntry	Sector	Mtg.	Type	No.	UNIDO Project No.	ODP to be phased out	Aerosols	Foams	Fumigants	Halons	Other (Tobacco)	Process Agent	Refrigeration (incl. MAC and compressors)	Several (R&R)	Solvents
ONG	Replacement of refrigerant CFC-12 with HFC-134a and foam blowing agent CFC-11 with cyclopentane in the manufacture of domestic refrigeration appliances at A.G. Leventis	AFR	NIR	REF	26	INV	30	NIR/98/098	19.10							19.10		
ONG	Replacement of refrigerant CFC-12 with HFC-134a and foam blowing agent CFC-11 with cyclopentane in the manufacture of domestic refrigeration appliances at Kolinton Technical Industries	AFR	NIR	REF	26	INV	44	NIR/98/099	39.50							39.50		
ONG	Replacement of refrigerant CFC-12 with HFC-134a and foam blowing agent CFC-11 with HCFC-141b in the manufacture of domestic refrigeration at Soesons Ltd.	AFR	NIR	REF	28	INV	48	NIR/99/081	16.10							16.10		
ONG	Replacement of refrigerant CFC-12 with HFC-134a and foam blowing agent CFC-11 with HCFC-141b in the manufacture of domestic refrigeration at Onward Electrical Industry Ltd.	AFR	NIR	REF	28	INV	51	NIR/99/082	10.70							10.70		
ONG	Replacement of refrigerant CFC-12 with HFC-134a and foam blowing agent CFC-11 with HCFC-141b in the manufacture of domestic refrigeration at United Technologies Ltd.	AFR	NIR	REF	28	INV	52	NIR/99/083	9.60							9.60		
ONG	Replacement of refrigerant CFC=12 withHFC-134a, and foam flowing agent CFC-11 withHCFC-141b in the manufacture of commercial refrigeration equipment at Bosmak Nigeria Ltd.	AFR	NIR	REF	32	INV	71	NIR/01/022	10.80							10.80		
ONG	Replacement of refrigerant CFC-12 with HFC-134 and foam blowing agent CFC-11 with HCFC-141b in the manufacture of commercial refrigeration equipment at Polade	AFR	NIR	REF	35	INV	97	NIR/01/220	8.30							8.30		
ONG	Replacement of refrigerant CFC-12 with HFC-134a and foam blowing agent CFC-11 with HCFC-141b in the manufacture of commercial refrigeration equipment at Ristian	AFR	NIR	REF	35	INV	98	NIR/01/221	11.00							11.00		
ONG	Implementation of the RMP: Refrigerant recovery and recycling scheme	AFR	SEN	REF	33	TAS	16	SEN/01/092	5.00								5.00	
ONG	Refrigerant management plan: recovery and recycling	AFR	SUD	REF	28	TAS	10	SUD/99/151	50.00								50.00	

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Table 3: ODP to be Phased out - by Region, Country and Sector - Ongoing Projects

Status	Project Title	Region	Cntry	Sector	Mtg.	Type	No.	UNIDO Project No.	ODP to be phased out	Aerosols	Foams	Fumigants	Halons	Other (Tobacco)	Process Agent	Refrigeration (incl. MAC and compressors)	Several (R&R)	Solvents
ONG	Phasing out of CFCs at Laboratoires Parcos	AFR	TUN	ARS	28	INV	35	TUN/99/120	29.80	29.80								
ONG	Phase-out of methyl bromide in cut flowers	AFR	UGA	FUM	34	INV	8	UGA/01/126	12.00			12.00						
ONG	Phasing out of CFCs at Tanzania Domestic Appliance Manufacturers Ltd.	AFR	URT	REF	18	INV	6	URT/96/015	43.00							43.00		
ONG	Phase-out of methyl bromide in cut flowers	AFR	ZIM	FUM	31	INV	21	ZIM/00/105	132.00			132.00						
		AFR Total							**1,172.6**	**29.8**	**82.0**	**594.4**	**-**	**-**	**-**	**411.4**	**55.0**	**-**
ONG	Elimination of CFC-11 in manufacturing of PU rigid foam for insulation at 31 enterprises	ASP	CPR	FOA	29	INV	306	CPR/99/175	707.30		707.30							
ONG	Replacement of CFC-11 with HCFC-141b in manufacturing of PU rigid spray foam for insulation at 26 enterprises	ASP	CPR	FOA	32	INV	369	CPR/00/154	891.40		891.40							
ONG	Phasing out CFC-11 with HCFC-141b at six companies Hongyu, Longan, Songliao, Tianyun, Xinyang and Yizheng) and phasing out CFC-11 by conversion to water blown technology at one company (Yinxian)	ASP	CPR	FOA	34	INV	375	CPR/01/167	191.60		191.60							
ONG	Phase out of CFC-12 in the manufacture of extruded polystyrene foams to butane at 9 enterprises (umbrella)	ASP	CPR	FOA	34	INV	376	CPR/01/132	750.00		750.00							
ONG	Phase out of CFC-12 in the manufacturing of extruded polystyrene foams through the use of butane as a blowing agent at 7 enterprises (terminal umbrella project)	ASP	CPR	FOA	35	INV	379	CPR/01/216	359.00		359.00							
ONG	Terminal umbrella project for the elimination of CFC-12 in manufacturing of EPE foam packaging nets at 30 enterprises	ASP	CPR	FOA	36	INV	387	CPR/02/071	849.30		849.30							
ONG	Conversion of domestic refrigerator and freezer factories to phase out CFC-12 and CFC-11 by hydrocarbon isobutane and cyclopentane at Hangzhou Xiling Holdings Co.	ASP	CPR	REF	17	INV	119	CPR/95/127	360.00							360.00		
ONG	Phasing out ODS at the refrigerator plant of Bole Electric Appliances Group	ASP	CPR	REF	23	INV	222	CPR/97/193	132.00							132.00		

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Table 3: ODP to be Phased out - by Region, Country and Sector - Ongoing Projects

Status	Project Title	Region	Cntry	Sector	Mtg.	Type	No.	UNIDO Project No.	ODP to be phased out	Aerosols	Foams	Fumigants	Halons	Other (Tobacco)	Process Agent	Refrigeration (incl. MAC and compressors)	Several (R&R)	Solvents
ONG	Conversion from CFC-12 to isobutane technologies and products at the compressor factory of the Hangli Refrigeration Ltd., in Hangzhou, China	ASP	CPR	REF	26	INV	256	CPR/98/108	-							-		
ONG	Replacement of CFC-11 and CFC-12 with cyclopentane and isobutane in the production of refrigerators at Zhejian Electrical Equipment Co.	ASP	CPR	REF	29	INV	336	CPR/99/168	199.00							199.00		
ONG	Replacement of CFC-11 and CFC-12 with cyclopentane and HFC-134a in the production of refrigerators at Banshen Electric Appliances Co.	ASP	CPR	REF	31	INV	357	CPR/00/122	563.00							563.00		
ONG	Replacement of CFC-11 and CFC-12 with cyclopentane and isobutane in the production of refrigerators at Little Swan Electric (Jingzhou) Co. Ltd.	ASP	CPR	REF	32	INV	365	CPR/00/157	211.90							211.90		
ONG	Sector plan CFC final phase-out: domestic refrigeration and domestic refrigeration compressors	ASP	CPR	REF	38	INV	394	CPR/03/001	600.00							600.00		
ONG	Conversion of cleaning installations from carbon tetrachloride to aqueous cleaning techniques at the Gumsong Tractor Factory (GST)	ASP	DRK	SOL	36	INV	18	DRK/02/013	198.00									198.00
ONG	Conversion of cleaning processes from CTC to aqueous and solvent cleaning techniques at Huichon February 26 Factory (HUI)	ASP	DRK	SOL	37	INV	19	DRK/02/088	209.00									209.00
ONG	Conversion of methyl chloroform and CTC to non-ODS solvent cleaning in the plating workshop of the Taedong-gang Television Factory (PTV), Taedong-gang District, Pyongyang City	ASP	DRK	SOL	38	INV	20	DRK/02/135	59.80									59.80
ONG	Conversion of Cleaning Processes from CTC to perchloroethylene cleaning at the galvanising workshop of the Pyongyang Illuminating Fixtures Factory (PIF)	ASP	DRK	SOL	38	INV	21	DRK/02/134	29.70									29.70
ONG	Conversion of cleaning processes from CTC (formerly methyl chloroform) to perchloroethylene cleaning at the Plating Workshop (PLT) of the refrigeration factory of the 5 October Automation Complex, Pyongchon District, Pyongyang City	ASP	DRK	SOL	38	INV	22	DRK/02/133	69.30									69.30

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ONG	Phase-out of CFC-11 by conversion to water blown technology in the manufacturing of polyurethane integral skin shoe soles at P.T. Trias Rantai Mas	ASP	IDS	FOA	31	INV	119	INS/00/107	18.40		18.40							
ONG	Phase-out of CFC-11 by conversion to HCFC-141b in the manufacture of integral skin automotive parts at PT Wulansari Raharja	ASP	IDS	FOA	36	INV	141	INS/02/019	10.80		10.80							
ONG	Phase-out of CFC-11 by conversion to HCFC-141b in the manufacture of rigid insulation foam parts at two companies: PT Morodadi Prima and PT Tentrem Industri Karosseri	ASP	IDS	FOA	36	INV	143	INS/02/017	25.50		25.50							
ONG	Phase-out of CFC-11 by conversion to water blown in the manufacture of integral skin shoe soles at PT Solindah Kita	ASP	IDS	FOA	36	INV	144	INS/02/018	48.00		48.00							
ONG	Phase-out of CFC-11 by conversion to water blown in the manufacture of integral skin shoe soles at PT. Accurai	ASP	IDS	FOA	37	INV	147	INS/02/072	50.00		50.00							
ONG	Project to phase-out of CFC-11 by conversion to HCFC-141b in the manufacture of rigid polyurethane foam for insulating purposes at Ganesha Rattesko and Sindari Nusatama	ASP	IDS	FOA	38	INV	150	INS/02/152	52.00		52.00							
ONG	Phase-out of CFC-11 by conversion to HCFC-141b in the manufacture of rigid polyurethane foam for insulating purposes at Delta Atlantik and Samudra Plastics	ASP	IDS	FOA	38	INV	152	INS/02/151	18.80		18.80							
ONG	Conversion of carbon tetrachloride (CTC) as process solvent to trichloromethane at M/S Alpha Drugs India Ltd., Patiala	ASP	IND	PAG	32	INV	283	IND/01/006	69.70						69.70			
ONG	Conversion of carbon tetrachloride as process agent to monochlorobenzene at M/S Benzo Chemical Industries, Tarapore	ASP	IND	PAG	34	INV	303	IND/01/175	23.00						23.00			
ONG	Conversion of carbon tetrachloride as process agent to monochlorobenzene at Praddep Shetye Ltd., Alibagh	ASP	IND	PAG	34	INV	311	IND/01/174	133.90						133.90			
ONG	Conversion of carbon tetrachloride as process agent to ethylene dichloride at Chiplun Fine Chemicals Ltd., Ratnagiri	ASP	IND	PAG	34	INV	313	IND/01/178	16.70						16.70			

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ONG	Conversion of carbon tetrachloride as process agent to monochlorobenzene at FDC Limited, Roha	ASP	IND	PAG	34	INV	314	IND/01/176	34.10						34.10			
ONG	Conversion of carbon tetrachloride as process agent to monochlorobenzene at GRD Chemicals Ltd., Indore, M.P.	ASP	IND	PAG	34	INV	316	IND/01/177	17.90						17.90			
ONG	Conversion of carbon tetrachloride as process agent to cyclohexane at Amoli Organics Ltd., Mumbai	ASP	IND	PAG	35	INV	338	IND/01/225	38.50						38.50			
ONG	Umbrella project for the conversion of three commercial refrigeration enterprises in New Delhi (Gaurav Controls, Thermoking and Western Engineering)	ASP	IND	REF	32	INV	290	IND/00/158	27.30							27.30		
ONG	Plan for phase-out of CFCs in the refrigeration (manufacturing) sector	ASP	IND	REF	38	INV	359	IND/02/163	79.50							79.50		
ONG	Conversion of cleaning and coating processes based on CFC-113 and CTC to processes based on IPA at Vidyut Metallics Ltd. (VML)	ASP	IND	SOL	28	INV	223	IND/99/089	19.70									19.70
ONG	Conversion of carbon tetrachloride as cleaning solvent to trichloroethylene at Sapna Engineering, Mazgaon	ASP	IND	SOL	34	INV	306	IND/01/173	14.50									14.50
ONG	Conversion of carbon tetrachloride as cleaning solvent to trichloroethylene at Engineer Industries, Mazgaon	ASP	IND	SOL	34	INV	308	IND/01/172	20.20									20.20
ONG	Conversion of carbon tetrachloride as cleaning solvent to trichloroethylene at Sapna Coils Ltd., Palghar	ASP	IND	SOL	34	INV	327	IND/01/171	22.80									22.80
ONG	Conversion of carbon tetrachloride (CTC) as cleaning solvent to trichloroethylene at Navdeep Engineering, Palghar	ASP	IND	SOL	38	INV	354	IND/02/132	53.90									53.90
ONG	Phasing out of CFC-11 from flexible slabstock foam manufacturing at Urethane Systems Company (USC)	ASP	IRA	FOA	22	INV	21	IRA/97/087	110.00		110.00							
ONG	Phasing out CFC-11 from flexible slabstock foam manufacturing at Shizar Co.	ASP	IRA	FOA	22	INV	22	IRA/97/086	120.00		120.00							
ONG	Phasing out of CFC-11 from flexible slabstock foam manufacturing at Mashhad Foam	ASP	IRA	FOA	23	INV	29	IRA/97/165	90.00		90.00							
ONG	Phasing out ODS in manufacturing of flexible PU slabstock foam through the use of liquid CO2 blowing technology at Bahman Plastic Co.	ASP	IRA	FOA	28	INV	50	IRA/99/077	83.00		83.00							
ONG	Conversion from CFC-11 to n-pentane in the production of rigid foam panels at Rashestan Co.	ASP	IRA	FOA	31	INV	73	IRA/00/093	70.00		70.00							

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ONG	Phasing out ODS in the manufacture of flexible slab stock foam through the use of LCD blowing technology at Abre Shomal Co.	ASP	IRA	FOA	35	INV	115	IRA/01/230	90.40		90.40							
ONG	Phasing out of ODS in the manufacture of flexible slabstock foam through the use of LCD blowing technology at Esfanj Shirvan Co.	ASP	IRA	FOA	37	INV	149	IRA/02/086	91.10		91.10							
ONG	Conversion from CFC-11 to n-pentane in the production of rigid foam panels at Yakhchavan Co.	ASP	IRA	FOA	37	INV	155	IRA/02/087	73.60		73.60							
ONG	Phasing out of the important non critical, non-essential use of methyl bromide for post-harvest treatment	ASP	IRA	FUM	29	INV	57	IRA/00/008	12.40			12.40						
ONG	Replacement of CFC-12 refrigerant by HFC-134a at Iran Compressor Manufacturing Company (ICMC)	ASP	IRA	REF	28	INV	51	IRA/99/121	-							-		
ONG	Conversion from CFC-11 to HCFC-141b and CFC-12 to HFC-134a technology in the manufacture of domestic and commercial refrigeration equipment at the Tehran Shirak	ASP	IRA	REF	34	INV	101	IRA/01/139	20.50							20.50		
ONG	Conversion from CFC-11 to HCFC-141b and CFC-12 to HFC-134a technology in the manufacture of domestic and commercial refrigeration equipment at the Donyaye Mojdeh	ASP	IRA	REF	34	INV	103	IRA/01/143	15.40							15.40		
ONG	Conversion from CFC-11 to HCFC-141b and CFC-12 to HFC-134a technology in the manufacture of domestic and commercial refrigeration equipment at the Zarifan Mashad	ASP	IRA	REF	34	INV	104	IRA/01/138	22.00							22.00		
ONG	Conversion from CFC-11 to HCFC-141b and CFC-12 to HFC-134a technology in the manufacture of domestic and commercial refrigeration equipment at the Novin Enjemad	ASP	IRA	REF	34	INV	105	IRA/01/133	10.10							10.10		
ONG	Conversion from CFC-11 to HCFC-141b and CFC-12 to HFC-134a technology in the manufacture of domestic and commercial refrigeration equipment at the Roshan Ind. Group	ASP	IRA	REF	34	INV	107	IRA/01/145	18.60							18.60		
ONG	Conversion from CFC-11 to HCFC-141b and CFC-12 to HFC-134a technology in the manufacture of domestic and commercial refrigeration equipment at the Avaj Sarma Co.	ASP	IRA	REF	34	INV	108	IRA/01/140	15.20							15.20		

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ONG	Conversion from CFC-11 to HCFC-141b and CFC-12 to HFC-134a technology in the manufacture of domestic and commercial refrigeration at the Arjah Boroudat Co.	ASP	IRA	REF	34	INV	111	IRA/01/137	27.40							27.40		
ONG	Conversion from CFC-11 to HCFC-141b and CFC-12 to HFC-134a technology in the manufacture of commercial refrigeration equipment at the Gasso Co.	ASP	IRA	REF	34	INV	113	IRA/01/141	11.70							11.70		
ONG	Conversion from CFC-11 to HCFC-141b and CFC-12 to HFC-134a technology in the manufacture of commercial refrigeration at the Takran Mobbarad Co.	ASP	IRA	REF	34	INV	98	IRA/01/134	9.60							9.60		
ONG	Conversion from CFC-11 to HCFC-141b and CFC-12 to HFC-134a technology in the manufacture of commercial refrigeration equipment at Abbaspour Co.	ASP	IRA	REF	35	INV	119	IRA/01/210	9.70							9.70		
ONG	Conversion from CFC-11 to HCFC-141b and CFC-12 to HFC-134a technology in the manufacture of domestic and commercial refrigeration equipment at Moradi Company	ASP	IRA	REF	35	INV	120	IRA/01/204	6.40							6.40		
ONG	Conversion from CFC-11 to HCFC-141b and CFC-12 to HFC-134a technology in the manufacture of domestic and commercial refrigeration equipment at Bouran Saz Karaj (Kohsar Co.)	ASP	IRA	REF	35	INV	121	IRA/01/213	9.60							9.60		
ONG	Conversion from CFC-11 to HCFC-141b and CFC-12 to HFC-134a technology in the manufacture of commercial refrigeration equipment at the Sherkate Taavoni 435 (Khorsandi Co.)	ASP	IRA	REF	35	INV	122	IRA/01/202	5.40							5.40		
ONG	Conversion from CFC-11 to HCFC-141b and CFC-12 to HFC-134a technology in the manufacture of domestic and commercial refrigeration equipment at Alborz Neishabour	ASP	IRA	REF	35	INV	123	IRA/01/207	16.00							16.00		
ONG	Conversion from CFC-11 to HCFC-141b and CFC-12 to HFC-134a technology in the manufacture of domestic refrigeration equipment at the Ariz Pooyaye Sanat (Ariz Co.)	ASP	IRA	REF	35	INV	124	IRA/01/209	7.60							7.60		

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ONG	Conversion from CFC-11 to HCFC-141b and CFC-12 to HFC-134a technology in the manufacture of domestic refrigeration equipment at Yaghoubali Bazdid Vahdat (Isun Co.)	ASP	IRA	REF	35	INV	125	IRA/01/205	10.50							10.50		
ONG	Conversion from CFC-11 to HCFC-141b and CFC-12 to HFC-134a technology in the manufacture of commercial refrigeration equipment at Darvish Mohamad Nazari Company (Jahan Nama)	ASP	IRA	REF	35	INV	126	IRA/01/206	9.30							9.30		
ONG	Conversion from CFC-11 to HCFC-141b and CFC-12 to HFC-134a technology in the manufacture of domestic refrigeration equipment at Borna Sanat Arak	ASP	IRA	REF	35	INV	127	IRA/01/208	8.00							8.00		
ONG	Conversion from CFC-11 to HCFC-141b and CFC-12 to HFC-134a technology in the manufacture of commercial refrigeration equipment at Sard Va Garm	ASP	IRA	REF	35	INV	128	IRA/01/211	8.40							8.40		
ONG	Conversion from CFC-11 to HCFC-141b and CFC-12 to HFC-134a technology in the manufacture of commercial refrigeration equipment at Sardintous Co.	ASP	IRA	REF	35	INV	129	IRA/01/212	10.30							10.30		
ONG	Conversion from CFC-11 to HCFC-141b and CFC-12 to HFC-134a technology in the manufacture of commercial refrigeration equipment at Sarma Gostar Co.	ASP	IRA	REF	35	INV	130	IRA/01/203	9.30							9.30		
ONG	National ODS phase out plan: commercial manufacturing and servicing and transport refrigeration	ASP	JOR	PHA	38	INV	78	JOR/02/153	41.00							41.00		
ONG	Phasing out of CFC-11 and CFC-12 with HCFC-141b and HFC-134a in the production of commercial refrigeration equipment at the second medium-size commercial refrigerator manufacturers group (Abu Azmi, Hasouni Refrigeration and Maidi)	ASP	JOR	REF	34	INV	71	JOR/01/144	26.40							26.40		
ONG	Phasing out of CFC-11 by conversion to HCFC-141b and CFC-12 to HFC-134a in manufacture of commercial refrigeration equipment at 6th group of SMEs (Abu-Khalaf, Al-Taghwa, Farough Refrigeration, Dawudiah Workshop, Makka Refrigeration and Teck-Tack workshop)	ASP	JOR	REF	34	INV	72	JOR/01/153	24.40							24.40		

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ONG	Phasing out of CFC-11 by conversion to HCFC-141b and CFC-12 to HFC-134a in manufacturing commercial refrigeration equipment at 5th group of SMEs (Abdoulah Factory, Emad Addin Al-Sareegy, Ma-nna, Al-Mansour, Al-Ostath, Raed)	ASP	JOR	REF	34	INV	74	JOR/01/152	26.00							26.00		
ONG	Refrigerant management plan: national recovery and recycling project	ASP	JOR	REF	28	TAS	50	JOR/99/145	19.10								19.10	
ONG	Conversion of metal cleaning processes from TCA solvent to TCE degreasing at the King Hussein Workshop, Zarqa	ASP	JOR	SOL	34	INV	75	JOR/01/170	6.40									6.40
ONG	Conversion of metal cleaning processes from TCA solvent to TCE degreasing at the Royal Jordanian Air Force	ASP	JOR	SOL	37	INV	76	JOR/02/089	45.00									45.00
ONG	Implementation of the RMP: national recovery and recycling	ASP	KUW	REF	37	TAS	5	KUW/02/100	64.00								64.00	
ONG	Phase-out of methyl bromide (strawberries): release of second tranche	ASP	LEB	FUM	38	INV	52	LEB/01/184	10.10			10.10						
ONG	Phasing out CFC-11 by conversion to HCFC-141b and CFC-12 to HFC-134a technology in the manufacture of commercial refrigeration equipment at 4th group of enterprises	ASP	LEB	REF	34	INV	45	LEB/01/142	18.80							18.80		
ONG	Phase out of CFC-11 by conversion to HCFC-141b technology in the manufacture of rigid polyurethane foam for insulating purposes at Composites Truck Body Sdn., Bhd.	ASP	MAL	FOA	34	INV	143	MAL/01/164	8.10		8.10							
ONG	Replacement of CFC-12 with HFC-134a and foam blowing agent CFC-11 with HCFC-141b in the manufacture of commercial refrigerating equipment at Tung Kiong Factories Sdn. Bhd.	ASP	MAL	REF	32	INV	143	MAL/01/019	18.90							18.90		
ONG	Implementation of the RMP: Recovery and recycling project	ASP	OMA	REF	34	TAS	6	OMA/01/147	13.00								13.00	
ONG	Conversion of carbon tetrachloride as process solvent to 1,2-dichloroethane at Himont Chemicals Ltd.	ASP	PAK	PAG	35	INV	42	PAK/01/226	80.00						80.00			
ONG	Phasing out ODS at the Chest Freezer Factory of Riaz Electric Co. Ltd.	ASP	PAK	REF	19	INV	9	PAK/96/110	48.20							48.20		
ONG	Phasing out ODS at the refrigerator and chest freezer plants of Pak Elektron Ltd. (PEL)	ASP	PAK	REF	19	INV	10	PAK/96/111	68.00							68.00		
ONG	Phasing out ODS at the freezer factory of Hirra Farooq's (Pvt) Ltd.	ASP	PAK	REF	23	INV	17	PAK/97/203	31.20							31.20		

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ONG	Replacement of refrigerant CFC-12 with HFC-134a and foam blowing agent CFC-11 with HCFC-141b in the production of domestic refrigeration equipment at Ideal Appliances, Ltd.	ASP	PAK	REF	35	INV	43	PAK/01/222	12.90							12.90		
ONG	Conversion of cleaning installations from carbon tetrachloride (CTC) to tetrachloroethylene (PER) at Riaz Electric Ltd., Lahore	ASP	PAK	SOL	37	INV	47	PAK/02/108	10.00									10.00
ONG	Implementation of RMP: National recovery and recycling project	ASP	QAT	REF	34	TAS	3	QAT/01/156	13.00								13.00	
ONG	Phase-out o fCFC-11 and 12 in the manufacture of hair lacquers by conversion to hydrocarbon propellant at Badran and Co.	ASP	SYR	ARS	32	INV	71	SYR/01/014	15.60	15.60								
ONG	Phase-out of CFC-12 in the manufacture of hair lacquers by conversion to hydrocarbon propellant at Mahmoud Hamida	ASP	SYR	ARS	32	INV	72	SYR/01/013	10.50	10.50								
ONG	Phase-out of CFC-11 and 12 in the manufacture of hair sprays by conversion to hydrocarbon propellant at Khadji and Zahka	ASP	SYR	ARS	32	INV	73	SYR/01/012	11.00	11.00								
ONG	Phase-out of CFC-12 in the manufacture of insecticides by conversion to hydrocarbon propellant at Cheikh Ghazal Insecticide Plant	ASP	SYR	ARS	32	INV	74	SYR/01/011	36.00	36.00								
ONG	Conversion from CFC-11 to cyclopenthane in the production of rigid foam panels at National Polyurethane Company (N.P.C.)	ASP	SYR	FOA	31	INV	61	SYR/00/098	61.10		61.10							
ONG	Conversion from CFC-11 to HCFC-141b in the production of rigid foam panels at Bassam Baghdan	ASP	SYR	FOA	32	INV	68	SYR/01/004	16.40		16.40							
ONG	Conversion from CFC-11 to methylene chloride in the production of flexible slabstock foam at Al-Muzayek	ASP	SYR	FOA	34	INV	76	SYR/01/135	33.70		33.70							
ONG	Phasing out of CFC-12 by conversion to n-butane as a blowing agent in the manufacture of extruded polystyrene (EPS) foam for packing purposes at Shanko and Partners Co.	ASP	SYR	FOA	38	INV	88	SYR/02/158	16.00		16.00							
ONG	Phase-out of the use of methyl bromide in grain storage (first tranche)	ASP	SYR	FUM	34	INV	80	SYR/01/182	5.00			5.00						
ONG	Plan for elimination of CFCs in the refrigeration manufacturing sector (domestic refrigeration)	ASP	SYR	REF	38	INV	87	SYR/02/159	51.00							51.00		

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ONG	Phase out of CFC-11, CFC-12 and CFC-114 in the manufacture of aerosols by conversion to hydrocarbon propellant at Arabia Felix Industries Ltd.	ASP	YEM	ARS	34	INV	8	YEM/01/130	96.60	96.60								
ONG	Phase out of CFC-12 in the manufacture of aerosols by conversion to hydrocarbon propellant at Al-Thowra Industrial Complex	ASP	YEM	ARS	34	INV	10	YEM/01/131	82.70	82.70								
ONG	Conversion from CFC-11 to HCFC-141b and CFC-12 to HFC-134a technology in the manufacture of commercial refrigeration equipment at Nagman Co.	ASP	YEM	REF	35	INV	11	YEM/01/201	7.30							7.30		
ONG	Conversion from CFC-11 to HCFC-141b and CFC-12 to HFC-134a technology in the manufacture of commercial refrigeration equipment at Styrco	ASP	YEM	REF	35	INV	12	YEM/01/120	6.10							6.10		
		ASP Total							**9,210.5**	**252.4**	**4,835.5**	**27.5**	**-**	**-**	**413.8**	**2,813.9**	**109.1**	**758.3**
ONG	Conversion from CFC-11 to methylene chloride in the production of flexible slab stock foam at Inga Co.	EUR	BHE	FOA	35	INV	8	BIH/01/227	21.00		21.00							
ONG	Replacement of refrigerant CFC-12 with HFC-134 and foam blowing agent CFC-11 with cyclopentane in the manufacture of commercial refrigeration equipment at Bira, Bihac	EUR	BHE	REF	35	INV	9	BIH/01/218	29.00							29.00		
ONG	Replacement of refrigerants CFC-12 and R-502 with HFC-134a and R-404A, and foam blowing agent CFC-11 with HCFC-141b in the manufacture of commercial refrigeration equipment and cold refrigeration chambers at Soko	EUR	BHE	REF	35	INV	10	BIH/01/219	17.40							17.40		
ONG	Phase out of methyl bromide in tobacco seedlings	EUR	CRO	FUM	35	INV	14	CRO/01/215	16.20			16.20						
ONG	Technical assistance for the phase-out of methyl bromide for soil fumigation	EUR	GEO	FUM	37	TAS	13	GEO/02/074	6.00			6.00						
ONG	Phase-out of CFC 11/12 in the manufacture of aerosols by conversion to HFC and hydrocarbon propellants at Alkaloid A.D.	EUR	MDN	ARS	32	INV	17	MCD/01/010	25.00	25.00								
ONG	Phase-out of methyl bromide in tobacco seedling and horticulture production sector	EUR	MDN	FUM	32	INV	16	MCD/00/163	27.20			27.20						

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Table 3: ODP to be Phased out - by Region, Country and Sector - Ongoing Projects

Status	Project Title	Region	Cntry	Sector	Mtg.	Type	No.	UNIDO Project No.	ODP to be phased out	Aerosols	Foams	Fumigants	Halons	Other (Tobacco)	Process Agent	Refrigeration (incl. MAC and compressors)	Several (R&R)	Solvents
ONG	Phasing out CFC-11 in manufacturing of flexible polyurethane slabstock foam through the use of liquid CO2 blowing technology at Espol Sunger Company	EUR	TUR	FOA	31	INV	68	TUR/00/100	95.00		95.00							
ONG	Phase-out of CFC-11 consumption by conversion to HCFC-141b technology at Purtiz Co. in the manufacture of rigid polyurethane foam for insulating purposes	EUR	TUR	FOA	32	INV	72	TUR/01/020	52.80		52.80							
ONG	Phase out of methyl bromide in protected tomato, cucumber and carnation crops (first tranche)	EUR	TUR	FUM	35	INV	74	TUR/01/214	29.20			29.20						
ONG	Phase out of CFC-11 by conversion to n-pentane technology in the production of continuous rigid polyurethane foam insulating panels at Prva Iskra-Fim Co.	EUR	YUG	FOA	35	INV	14	YUG/01/229	75.00		75.00							
ONG	Conversion from CFC-11 to methylene chloride in the production of flexible slab stock foam at Prva Iskra-Poliuretani	EUR	YUG	FOA	35	INV	15	YUG/01/228	34.40		34.40							
ONG	Halon bank management programme	EUR	YUG	HAL	35	INV	16	YUG/01/223	370.00				370.00					
ONG	Replacement of refrigerant CFC-12 with HFC-134a and foam blowing agent CFC-11 with HCFC-141b in the manufacture of commercial refrigeration equipment at seven enterprises (Jugostroj, Frigozika, Prva Petoletka, EIAD, BS Inzenjering, Soko and Alfa Klima)	EUR	YUG	REF	34	INV	12	YUG/01/160	59.60							59.60		
ONG	Umbrella refrigeration project 2, replacement of refrigerant CFC-12 with HFC-134a and foam blowing agent CFC-11 with HCFC-141b in the manufacture of commercial refrigeration equipment at three enterprises	EUR	YUG	REF	37	INV	18	YUG/02/107	10.90							10.90		
ONG	Conversion of CFC-12 to HFC-134a in the manufacture of open compressors at Prva Petoletka - Kocna Tehnika Co.	EUR	YUG	REF	38	INV	19	YUG/02/136	2.00							2.00		
		EUR Total							**870.7**	**25.0**	**278.2**	**78.6**	**370.0**	**-**	**-**	**118.9**	**-**	**-**
ONG	Phasing out CFC-12 at Mallol Saic	LAC	ARG	FOA	20	INV	47	ARG/96/176	36.50		36.50							

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Status	Project Title	Region	Cntry	Sector	Mtg.	Type	No.	UNIDO Project No.	ODP to be phased out	Aerosols	Foams	Fumigants	Halons	Other (Tobacco)	Process Agent	Refrigeration (incl. MAC and compressors)	Several (R&R)	Solvents
ONG	Phasing out CFC-11 by conversion to HCFC-141b as a blowing agent in the manufacture of rigid polyurethane foams at 7 companies (Aislaciones y Servicios Maximo; Baduco D and D; Bolatti; Hi-Tec Poliuretano Alberto; Najera Jose; Stefanelli Vincer, SRL)	LAC	ARG	FOA	32	INV	117	ARG/01/001	46.10		46.10							
ONG	Phase-out of methyl bromide in strawberry, protected vegetables and cut flower production	LAC	ARG	FUM	30	INV	105	ARG/00/033	331.00			331.00						
ONG	Phase-out of CFC-11 consumption by conversion to HCFC-141b technology in the manufacture of rigid polyurethane foam for insulating purposes at Danica Co.	LAC	BRA	FOA	34	INV	222	BRA/01/162	146.60		146.60							
ONG	Phasing out of CFC-12 by HFC-134a and CFC-11 by cyclopentane in the production of commercial refrigeration equipment at Refrigeracao Rubra	LAC	BRA	REF	23	INV	83	BRA/97/198	21.80							21.80		
ONG	Phasing out CFC-12 with HFC-134a and CFC-11 with cyclopentane in the production of commercial refrigeration equipment at Panamante Refrigeracao	LAC	BRA	REF	25	INV	106	BRA/98/046	34.30							34.30		
ONG	Phasing out CFC-12 with HFC-134a and CFC-11 with HCFC-141b at Ingecold Ltda.	LAC	BRA	REF	31	INV	170	BRA/00/128	1.70							1.70		
ONG	Phasing out CFC-12 with HFC-134a and CFC-11 with HCFC-141b at Klima Ltda.	LAC	BRA	REF	31	INV	171	BRA/00/126	5.70							5.70		
ONG	Phasing out CFC-12 with HFC-134a and CFC-11 with HCFC-141b at Tecnigel Ltda	LAC	BRA	REF	31	INV	172	BRA/00/130	2.50							2.50		
ONG	Phasing out CFC-12 and R-502 with HFC-134a and HFC-404A as well as of CFC-11 with HCFC-141 at Kalten Ltd.	LAC	BRA	REF	31	INV	174	BRA/00/123	8.10							8.10		
ONG	Phasing out CFC-12 with HFC-134a and CFC-11 with HCFC-141b at Metalplan Ltda.	LAC	BRA	REF	31	INV	176	BRA/00/124	1.90							1.90		
ONG	Phasing out CFC-12 with HFC-134a and CFC-11 with HCFC-141b at Domnick Hunter Ltda.	LAC	BRA	REF	31	INV	177	BRA/00/127	1.20							1.20		
ONG	Umbrella project for four enterprises converting from CFC-11 to HCFC-141b and from CFC-12 to HFC-134a at EZ Industria, Menoncin, Unifrio and from CFC-12 to HFC-134a at Croydon	LAC	BRA	REF	34	INV	219	BRA/01/168	30.18							30.18		

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Table 3: ODP to be Phased out - by Region, Country and Sector - Ongoing Projects

Status	Project Title	Region	Cntry	Sector	Mtg.	Type	No.	UNIDO Project No.	ODP to be phased out	Aerosols	Foams	Fumigants	Halons	Other (Tobacco)	Process Agent	Refrigeration (incl. MAC and compressors)	Several (R&R)	Solvents
ONG	Umbrella project for two enterprises converting from CFC-11 and HCFC-141b and from CFC-12 to HFC-134a at Argi and Hornburg	LAC	BRA	REF	35	INV	241	BRA/01/217	11.20							11.20		
ONG	Phase-out of methyl bromide in melon, flowers and tobacco	LAC	DOM	FUM	38	INV	33	DOM/02/138	141.00			141.00						
ONG	National phase out of methyl bromide	LAC	GUA	FUM	38	INV	29	GUA/02/139	468.00			468.00						
ONG	Phase-out of methyl bromide in melon and banana production sector and tobacco seedling	LAC	HON	FUM	37	INV	10	HON/02/073	213.00			213.00						
ONG	Refrigerant management plan: national recovery and recycling project	LAC	HON	REF	28	TAS	7	HON/99/104	14.20								14.20	
ONG	Renewal of institutional strengthening project (Phase 6)	LAC	MEX	SEV	37	INS	110	MEX/02/104	20.40								20.40	
ONG	Phase-out of methyl bromide in horticulture (tomatoes and cut flowers)	LAC	URU	FUM	34	INV	35	URU/01/125	24.00			24.00						
ONG	Phasing out CFC-12 at Fandec C.A. (EPSR Foam)	LAC	VEN	FOA	28	INV	82	VEN/99/108	45.00		45.00							
ONG	Phasing out CFC-11 with HCFC-141b at Friobox in the production of rigid P.U. panels	LAC	VEN	FOA	31	INV	83	VEN/00/102	16.50		16.50							
ONG	Phasing out CFC-11 by conversion to HCFC-141b as a blowing agent in the manufacture of rigid polyurethane foams (Umbrella No. 1: Frimac, Frizer, El Control, Incumaca, Frive, Lunger, Profibra, Recovenca, Refriven, Requiven, Tefiven and Vanger)	LAC	VEN	FOA	34	INV	91	VEN/01/136	62.80		62.80							
ONG	Phasing out CFC-11 by conversion to water system as a blowing agent in the manufacture of flexible polyurethane foams at Manufacturas Enveta, C.A. Cumana	LAC	VEN	FOA	36	INV	94	VEN/02/025	32.00		32.00							
ONG	Phasing out CFC-11 by conversion to HCFC-141b as a blowing agent in the manufacture of rigid p.u. foams: Umbrella No. 2 project.	LAC	VEN	FOA	38	INV	96	VEN/02/160	135.50		135.50							
ONG	Phasing out CFC-12 with HFC-134a and CFC-11 with HCFC-141b at seven commercial refrigeration companies (umbrella project)	LAC	VEN	REF	32	INV	88	VEN/00/156	32.30							32.30		
		LAC Total							**1,883.5**	**-**	**521.0**	**1,177.0**	**-**	**-**	**-**	**150.9**	**34.6**	**-**
		Grand Total							**13,137.3**	**307.2**	**5,716.7**	**1,877.5**	**370.0**	**-**	**413.8**	**3,495.1**	**198.7**	**758.3**
Includes not financially completed cancelled projects as well																		

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Table 3a: ODP Phased out - by Region, Country and Sector - Completed Projects

Status	Project Title	Region	Cntry.	Sector	Mtg.	Type	No.	UNIDO Project Number	ODP phased out	Aerosols	Foams	Fumigants	Halons	Other (Tobacco)	Process Agent	Production Sector	Refrigeration (incl. MAC and compressors)	Several (R&R)	Solvents
COM	Phase out of CFC-11/CFC-12 by conversion to hydrocarbon technology in the manufacture of aerosol at company Saco	AFR	ALG	ARS	28	INV	41	ALG/99/115	19.00	19.00									
FIN	Phasing out of CFCs at Entreprise Nationale des Detergents (ENAD)	AFR	ALG	ARS	18	INV	12	ALG/96/005	150.00	150.00									
FIN	Phasing out CFCs at Etablissement Has Mohamed	AFR	ALG	ARS	20	INV	15	ALG/96/191	22.50	22.50									
FIN	Phasing out CFCs at Vague de Fraicheur	AFR	ALG	ARS	20	INV	16	ALG/96/189	51.40	51.40									
FIN	Phasing out CFCs at Ets. Wouroud	AFR	ALG	ARS	20	INV	17	ALG/96/190	47.00	47.00									
FIN	Phasing out CFCs at Ets. COPHYD	AFR	ALG	ARS	20	INV	19	ALG/96/193	15.00	15.00									
FIN	Replacement of CFC-11 and CFC-12 with hydrocarbons in the aerosol sector at Ets Djadi	AFR	ALG	ARS	25	INV	28	ALG/98/042	38.40	38.40									
FIN	Phase out of CFC11/CFC12 by conversion to hydrocarbons technology in the manufacture of aerosols at Floreal	AFR	ALG	ARS	28	INV	38	ALG/99/116	18.10	18.10									
COM	Phasing out CFC-11 in the manufacture of sandwich panels at Batimetal Beni Mansour	AFR	ALG	FOA	19	INV	14	ALG/96/085	110.00		110.00								
COM	Phasing out CFC-11 at La Mousse du Sud flexible polyurethane foam plan	AFR	ALG	FOA	23	INV	25	ALG/97/160	95.00		95.00								
COM	Phasing out of CFC-11 by conversion to methylene chloride in the manufacture of flexible polyurethane foam at Matelas Atlas (Sam Atlas)	AFR	ALG	FOA	27	INV	33	ALG/99/032	22.00		22.00								
COM	Phasing out of CFC-11 by conversion to methylene chloride in the manufacture of flexible polyurethane foam at King's Matelas	AFR	ALG	FOA	27	INV	34	ALG/99/031	20.00		20.00								
COM	Phasing out of CFC-11 by conversion of methylene chloride in the manufacture of flexible polyurethane slabstock foam at Matelas Mondial	AFR	ALG	FOA	28	INV	37	ALG/99/117	20.00		20.00								
COM	Phasing out of CFC-11 by conversion of methylene chloride in the manufacture of flexible polyurethane slabstock foam at Orania Mousse Ameublement (OMA)	AFR	ALG	FOA	28	INV	39	ALG/99/118	18.00		18.00								
FIN	Phasing out CFC-11 at Snam flexible polyurethane foam plant	AFR	ALG	FOA	22	INV	22	ALG/97/080	32.00		32.00								
FIN	Phasing out CFC-11 at Sammo flexible polyurethane foam plant	AFR	ALG	FOA	22	INV	23	ALG/97/082	24.00		24.00								
FIN	Phase out of CFC-11 in the manufacture of flexible polyurethane foam through the use of methylene chloride technology at Ets. Matelas Djurdjura	AFR	ALG	FOA	25	INV	27	ALG/98/044	28.00		28.00								
FIN	Phase out of CFC-11 in the manufacture of flexible polyurethane foam through the use of methylene chloride technology at Ets. Maghreb Mousse	AFR	ALG	FOA	26	INV	29	ALG/98/093	24.00		24.00								
FIN	Investment project for phasing out CFCs at Entreprise Nationale des Industries de l'Electromenager, ENIEM	AFR	ALG	REF	15	INV	9	ALG/95/025	425.00								425.00		
FIN	Replacement of CFC-12 with HFC 134a for commercial refrigeration at Enapa	AFR	ALG	REF	25	INV	26	ALG/98/043	9.20								9.20		
FIN	Replacement of CFC-12 with HFC-134a for domestic refrigeration at Enapem	AFR	ALG	REF	26	INV	30	ALG/98/094	12.80								12.80		
FIN	Investment project for phasing out CFCs at Entreprise nationale des Detergents (ENAD-Lames)	AFR	ALG	SOL	17	INV	10	ALG/95/123	5.60										5.60
FIN	Refrigerant recovery and recycling schem	AFR	BEN	REF	22	TAS	4	BEN/97/093	12.90									12.90	
FIN	Refrigerant recovery and recycling schem	AFR	BKF	REF	22	TAS	5	BKF/97/094	15.48									15.48	
COM	Phasing out CFC-11 at Scimpos	AFR	CMR	FOA	23	INV	10	CMR/97/161	120.00		120.00								
COM	Phasing out CFC-11 at Sonopol	AFR	CMR	FOA	23	INV	11	CMR/97/158	130.00		130.00								
COM	Phasing out of CFCs at Union Camerounaise d'Entreprise	AFR	CMR	REF	18	INV	7	CMR/96/006	115.10								115.10		
FIN	Phase out of CFC at FAEM.SA	AFR	CMR	REF	13	INV	5	CMR/94/411	62.00								62.00		
FIN	Elimination of CFC-12 in the manufacture of extruded polystyrene foam at (ADVECHEMS	AFR	EGY	FOA	10	INV	16	EGY/93/138	183.30		183.30								

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FIN	Phasing out ODS at the refrigerator plants of Delta Industrial Co.	AFR	EGY	REF	13	INV	32	EGY/94/417	117.00								117.00		
FIN	Phasing out ODS at the Electrostar for Refrigeration Co.	AFR	EGY	REF	13	INV	33	EGY/94/415	51.00								51.00		
FIN	Phasing out ODS at the Kiriazi Refrigerators Manufacturing Co.	AFR	EGY	REF	13	INV	35	EGY/94/416	137.00								137.00		
FIN	Phasing out ODS at Helwan Company for Metallic Appliances domestic refrigeration plan	AFR	EGY	REF	15	INV	38	EGY/95/038	7.50								7.50		
FIN	Phasing out ODS at Super Bosh Factory domestic refrigeration plant	AFR	EGY	REF	15	INV	39	EGY/95/038	13.00								13.00		
FIN	Phasing out ODS at Islamic Company for Industrialization (Siltal) domestic refrigeration plant	AFR	EGY	REF	15	INV	40	EGY/95/038	26.00								26.00		
FIN	Phasing out ODS at Société Mondiale pour Refroidissement (Alaska) domestic refrigeration plant	AFR	EGY	REF	15	INV	41	EGY/95/038	55.00								55.00		
FIN	Phasing out ODS at International Co. for Refrigeration and Appliances (Iberna) domestic refrigeration plant	AFR	EGY	REF	15	INV	42	EGY/95/038	19.00								19.00		
FIN	Phasing out ODS at El Nasr Company for Electric and Electronic Apparatus (Philips) domestic refrigeration plant	AFR	EGY	REF	15	INV	43	EGY/95/038	22.50								22.50		
COM	Conversion of TCA used for the formulation of degreasing and contact cleaners and crack detectors to new formulations with special hydrocarbons and heavy chlorinated ester at Sien	AFR	EGY	SOL	28	INV	79	EGY/99/086	9.00										9.00
COM	Conversion of metal cleaning processes from TCA solvent to TCE degreasing at Maasara Co. for engineering industries	AFR	EGY	SOL	31	INV	80	EGY/00/110	10.70										10.70
FIN	Conversion of electronic cleaning processes from ODS solvents to non-ODS cleaning at 3 electronic companies	AFR	EGY	SOL	18	INV	52	EGY/96/037	13.70										13.70
FIN	Conversion of cleaning processes from CFC-113 and 1,1,1 TCA to semi-aqueous cleaning at Arab International Optronics	AFR	EGY	SOL	18	INV	53	EGY/96/038	2.10										2.10
FIN	Conversion of cleaning processes from 1,1,1 TCA to aqueous cleaning at Siltal	AFR	EGY	SOL	18	INV	54	EGY/96/039	2.00										2.00
FIN	Conversion of cleaning processes from 1,1,1 TCA to aqueous cleaning at Technopol	AFR	EGY	SOL	19	INV	56	EGY/96/089	6.00										6.00
FIN	Conversion of cleaning processes from 1,1,1 TCA to cleaning in perchloroethylene at Abbasol	AFR	EGY	SOL	19	INV	57	EGY/96/088	8.00										8.00
FIN	Refrigeration recovery and recycling schem	AFR	GAM	REF	22	TAS	5	GAM/97/095	7.70									7.70	
FIN	Refrigerant recovery and recycling schem	AFR	GUI	REF	22	TAS	5	GUI/97/096	12.90									12.90	
FIN	Phasing out CFCs at Parfumerie Gandour D.A.F	AFR	IVC	ARS	20	INV	7	IVC/96/187	66.00	66.00									
FIN	Phasing out CFCs at Sicobel	AFR	IVC	ARS	20	INV	8	IVC/96/188	20.80	20.80									
FIN	Phasing out CFC-11 at F.I.M.A. flexible polyurethane foam plant	AFR	IVC	FOA	19	INV	6	IVC/96/118	53.10		53.10								
FIN	Phase out CFCs at Aesthetics Ltd.	AFR	KEN	ARS	19	INV	10	KEN/96/124	107.00	107.00									
FIN	Phasing out CFCs at Mirage Industries Ltd.	AFR	KEN	ARS	19	INV	11	KEN/96/125	51.00	51.00									
FIN	CFC-phase out project at Kenya Cold Storages Ltd. and subsidiary companies: Hall Equatorial, Premier Refrigeration and Engineering, Refrigeration Services	AFR	KEN	REF	11	INV	6	KEN/94/401	40.80								40.80		
FIN	Conversion of ODS cleaning processes from TCA to aqueous cleaning and cleaning in TCE at Kenyan Railways Central Workshop	AFR	KEN	SOL	23	INV	14	KEN/97/179	6.00										6.00
COM	Replacement of refrigerant CFC-12 with HFC-134a and foam blowing agent CFC-11 with HCFC-141b in the manufacture of commercial refrigeration equipmer at Siafmo	AFR	MOR	REF	29	INV	34	MOR/00/004	8.70								8.70		
COM	Replacement of refrigerant CFC-12 with HFC-134a and foam blowing agent CFC-11 with HCFC-141b in the manufacture of commercial refrigeration equipmer at Mafidec	AFR	MOR	REF	29	INV	35	MOR/00/003	5.60								5.60		

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COM	Replacement of refrigerant CFC-12 with HFC-134a and foam blowing agent CFC-11 with HCFC-141b in the manufacture of commercial refrigeration equipmer at Sonyafroid	AFR	MOR	REF	29	INV	36	MOR/00/005	13.10								13.10		
COM	Replacement of refrigerant CFC-12 with HFC-134a and foam blowing agent CFC-11 with HCFC-141b in the manufacture of domestic commercial refrigeration equiment at Comafro	AFR	MOR	REF	29	INV	38	MOR/00/002	6.50								6.50		
FIN	Replacement of CFC-12 with HFC-134a for commercial refrigeration at Alom du Nor	AFR	MOR	REF	25	INV	24	MOR/98/050	7.70								7.70		
FIN	Replacement of CFC-12 with HFC-134a for commercial refrigeration at Batino	AFR	MOR	REF	25	INV	25	MOR/98/049	4.50								4.50		
FIN	Replacement of CFC-12 with HFC-134a for commercial refrigeration at Smifan	AFR	MOR	REF	26	INV	27	MOR/98/096	4.90								4.90		
FIN	Conversion of HCFC-141b technology (rigid foam) and HFC-134a (refrigeration) in the manufacture of domestic refrigerators and freezers at Manar	AFR	MOR	REF	29	INV	33	MOR/00/001	38.60								38.60		
COM	Phasing out of CFCs at Debo Industries Ltd. Nigeria	AFR	NIR	REF	18	INV	10	NIR/96/011	52.00								52.00		
COM	Phasing out of CFCs at Thermocool Eng. Co. Ltd	AFR	NIR	REF	18	INV	11	NIR/96/010	82.00								82.00		
COM	Replacement of refrigerant CFC-12 with HFC-134a and foam blowing agent CFC-11 with cyclopentane in the manufacture of domestic refrigeration appliances a New Ltd.	AFR	NIR	REF	26	INV	40	NIR/98/100	20.90								20.90		
COM	Replacement of refrigerant CFC-12 with HFC-134a and foam blowing agent CFC-11 with HCFC-141b in the manufacture of domestic refrigeration equipment a De Johnson Ltd.	AFR	NIR	REF	29	INV	53	NIR/99/174	9.00								9.00		
COM	Replacement of refrigerant CFC-12 with HFC-134a and foam blowing agent CFC-11 withHCFC-141b in the manufacture of commercial refrigeration at Austin-Laz & Co. Ltd	AFR	NIR	REF	29	INV	54	NIR/99/173	11.60								11.60		
COM	Replacement of refrigerant CFC-12 with HFC-134a, and foam flowing agent CFC-11 with HCFC-141b in the manufacture of commercial refrigeration equipmer at Coldcare Nigeria Ltd.	AFR	NIR	REF	32	INV	76	NIR/01/023	11.40								11.40		
COM	Replacement of refrigerant CFC-12 with HFC-134a, and foam flowing agent CFC-11 with HCFC-141b in the manufacture of commercial refrigeration equipmer at Akocen Nigeria Ltd.	AFR	NIR	REF	32	INV	77	NIR/01/024	12.10								12.10		
COM	Phase out of methyl bromide used in peanut seed fumigation in Novasen Ltd.	AFR	SEN	FUM	26	INV	12	SEN/98/110	0.70			0.70							
FIN	Refrigerant recovery and recycling schem	AFR	SEN	REF	22	TAS	8	SEN/97/098	36.12									36.12	
COM	Phasing out of CFCs at Tag Cosmetics Ltd.	AFR	SUD	ARS	28	INV	13	SUD/99/119	45.10	45.10									
FIN	Phasing out of CFCs at Sudanese Cosmetics and Household Products	AFR	SUD	ARS	18	INV	4	SUD/96/013	281.50	281.50									
FIN	Phasing out of CFC-11 at Patra Foam Co. flexible polyurethane foam plan	AFR	SUD	FOA	19	INV	5	SUD/96/117	16.00		16.00								
COM	Phasing out of ODS at three small domestic refrigerator factories in Sudan (Coldair Refrigerator Factory, Modern Refrigerator + Metal furniture Co., Sheet Metal Industries Co. Refrigerator Factory)	AFR	SUD	REF	19	INV	6	SUD/96/138	7.30								7.30		
FIN	Phasing out CFCs at Jasminal Laboratories	AFR	TUN	ARS	19	INV	14	TUN/96/126	86.00	86.00									
FIN	Phasing out CFCs at Satem Parfums et Produits Cosmetiques	AFR	TUN	ARS	19	INV	15	TUN/96/127	29.00	29.00									
FIN	Phasing out CFCs at CODIFA	AFR	TUN	ARS	22	INV	19	TUN/97/113	60.25	60.25									
FIN	Phasing out CFCs at Sogepar	AFR	TUN	ARS	22	INV	21	TUN/97/115	18.15	18.15									
FIN	Phasing out CFCs at Parhycos, Sfax, Tunisia	AFR	TUN	ARS	23	INV	25	TUN/97/173	10.00	10.00									
COM	Phasing out CFC-11 at Sud Inter Mousse flexible polyurethane foam plan	AFR	TUN	FOA	23	INV	23	TUN/97/170	102.00		102.00								
FIN	Phasing out CFC-11 at Meublatex	AFR	TUN	FOA	19	INV	16	TUN/96/120	28.00		28.00								
FIN	Phasing out CFC-11 at Sotrapoc flexible polyurethane foam plant	AFR	TUN	FOA	23	INV	24	TUN/97/168	20.00		20.00								
FIN	Phasing out CFC-11 at Polymousse flexible polyurethane foam plan	AFR	TUN	FOA	23	INV	26	TUN/97/169	35.00		35.00								

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Table 3a: ODP Phased out - by Region, Country and Sector - Completed Projects

Status	Project Title	Region	Cntry.	Sector	Mtg.	Type	No.	UNIDO Project Number	ODP phased out	Aerosols	Foams	Fumigants	Halons	Other (Tobacco)	Process Agent	Production Sector	Refrigeration (incl. MAC and compressors)	Several (R&R)	Solvents
FIN	Umbrella project to phase out ODS at the six small refrigerator manufacturers	AFR	TUN	REF	19	INV	17	TUN/96/104	78.50								78.50		
FIN	Terminal umbrella project to phase out ODS at 7 manufacturers of commercial and domestic refrigerators (Chahed Refrigeration, Sogima, Sotiem, Rei, Frigo BAF, Societe Moderne Refrigeration, Frigo Technique)	AFR	TUN	REF	23	INV	27	TUN/97/159	29.00								29.00		
FIN	Phasing out of CFCs at Mansoor Daya Chemicals Ltd.	AFR	URT	ARS	18	INV	5	URT/96/016	150.00	150.00									
FIN	Preparation of training and certification programmes for refrigeration technicians and preparation of investment projects for the refrigeration sector	AFR	ZAM	REF	15	TAS	3	ZAM/96/046	17.70									17.70	
FIN	CFC refrigerant recovery and reclaim projec	AFR	ZIM	REF	17	TAS	4	ZIM/95/128	47.00									47.00	
		AFR Total							**4,096.5**	**1,286.2**	**1,080.4**	**0.7**	-	-	-	-	**1,516.3**	**149.8**	**63.1**
COM	Elimination of CFC-12 in manufacturing of EPE foam packaging nets at 27 enterprises (Umbrella Project)	ASP	CPR	FOA	28	INV	301	CPR/99/076	825.70		825.70								
FIN	Elimination of CFC-12 in manufacturing of EPE foam packaging nets at 25 enterprises (umbrella project)	ASP	CPR	FOA	25	INV	248	CPR/98/054	1,146.00		1,146.00								
FIN	Conversion from halon 1211 to ABC dry powder and foam water spray at Nanjing Fire Fighting Equipment Factory	ASP	CPR	HAL	15	INV	104	CPR/95/040	1,480.00				1,480.00						
COM	2001 Annual work programme of the tobacco sector plan	ASP	CPR	OTH	32	INV	366	CPR/00/165	90.00					90.00					
COM	Tobacco sector plan for CFC-11 phase-out: 2002 workplan	ASP	CPR	OTH	36	INV	388	CPR/02/056	200.00					200.00					
COM	Conversion of compressor production for domestic refrigerators from CFC-12 to hydrocarbon refrigerant at Jiaxipera compressor factory	ASP	CPR	REF	18	INV	145	CPR/96/032	96.00								96.00		
COM	Replacement of CFC-11 and CFC-12 with cyclopentane and isobutane in the production of refrigerators at Moganshan Electric Appliances Co.	ASP	CPR	REF	29	INV	308	CPR/99/166	667.60								667.60		
FIN	Phasing out ODS at Hangzhou Huari Refrigerator Co.	ASP	CPR	REF	18	INV	147	CPR/96/042	338.00								338.00		
FIN	Phasing out ODS at the X'ian Yuan Dong Compressor Co., Xi'an	ASP	CPR	REF	19	INV	164	CPR/96/139	-								-		
FIN	Phasing out ODS at the compressor factory of the Huangshi Dongbei Refrigeration Co	ASP	CPR	REF	19	INV	165	CPR/96/087	60.00								60.00		
FIN	Phasing out ODS at the refrigerator plant of Aucma Electric Appliances Group Co.	ASP	CPR	REF	20	INV	173	CPR/96/184	708.00								708.00		
FIN	Phasing out ODS at the Household Refrigerator Compressor Factory of the Guangzhou Wanbao Compressor Group	ASP	CPR	REF	20	INV	185	CPR/96/185	3.00								3.00		
FIN	Phasing out ODS at the refrigeration plant of Hefei Meiling	ASP	CPR	REF	22	INV	196	CPR/97/078	849.00								849.00		
FIN	Phasing out ODS at the Hualing refrigerator plan	ASP	CPR	REF	22	INV	204	CPR/97/092	280.00								280.00		
FIN	Phasing out ODS at the refrigerator plant of Zerowatt Electric Appliances Group	ASP	CPR	REF	22	INV	207	CPR/97/091	423.00								423.00		
FIN	Phasing out ODS at the Zel Tianjin Compressor Co., Ltd.	ASP	CPR	REF	22	INV	211	CPR/97/090	30.00								30.00		
FIN	Phasing out ODS at the Yuhuan Compressor Factory in Kanmen Town in Yuhuan County, South East China	ASP	CPR	REF	23	INV	219	CPR/97/202	116.00								116.00		
FIN	Phasing out ODS at the refrigerator plant of Zhejiang Rongsheng Electric Co. Ltd., Zhejiang, Deqing Country	ASP	CPR	REF	23	INV	220	CPR/97/195	177.80								177.80		
FIN	Phasing out ODS at the Changshu Refrigerating Equipment Works (Baixue), Changsu	ASP	CPR	REF	23	INV	221	CPR/97/183	425.70								425.70		
FIN	Phasing out ODS at the freezer plant of Xing Xing Electric Appliances Industrial Co.	ASP	CPR	REF	23	INV	223	CPR/97/194	348.00								348.00		
FIN	Phasing out ODS at the refrigerator plant of Hefei Hualing Electronic Co., Ltd.	ASP	CPR	REF	25	INV	253	CPR/98/047	82.80								82.80		

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Table 3a: ODP Phased out - by Region, Country and Sector - Completed Projects

Status	Project Title	Region	Cntry.	Sector	Mtg.	Type	No.	UNIDO Project Number	ODP phased out	Aerosols	Foams	Fumigants	Halons	Other (Tobacco)	Process Agent	Production Sector	Refrigeration (incl. MAC and compressors)	Several (R&R)	Solvents
FIN	Replacement of CFC-11 with HCFC-141b foam blowing agent and CFC-12 with HFC-134a in the manufacture of domestic refrigerators/ freezers at the Beijing Freezing Equipment Factory	ASP	CPR	REF	26	INV	259	CPR/98/109	35.30								35.30		
FIN	Conversion of ODS precision cleaning processes from CFC-113 to aqueous cleaning at Jiaxipera compressor factory	ASP	CPR	SOL	22	INV	203	CPR/97/073	76.00										76.00
FIN	Conversion of ODS cleaning processes from CFC-113 to trichloroethylene at Hangli Refrigeration Ltd.	ASP	CPR	SOL	22	INV	212	CPR/97/075	28.80										28.80
FIN	Conversion of ODS precision cleaning processes from CFC-113 to aqueous cleaning at Huangshi Dongbei Refrigeration Co.	ASP	CPR	SOL	22	INV	213	CPR/97/074	37.60										37.60
FIN	Phasing out CFC-11 at Hamhung Foam Factory, Hamgyong South Province	ASP	DRK	FOA	23	INV	6	DRK/97/162	35.00		35.00								
FIN	Phasing out CFC-11 at Pyongyang Foam Plan	ASP	DRK	FOA	23	INV	7	DRK/97/157	83.00		83.00								
FIN	Phasing out CFC-11 at Chongjin Foam Factory, Hamgyong North Province	ASP	DRK	FOA	23	INV	8	DRK/97/163	32.00		32.00								
COM	Closure of ODS production plant	ASP	DRK	PRO	36	INV	17	DRK/02/045	500.00							500.00			
COM	Conversion of remaining metal cleaning processes from ODS solvents to vapour degreasing at Unsan Tools Factory (UTF)	ASP	DRK	SOL	26	INV	11	DRK/98/077	168.00										168.00
FIN	Conversion of metal cleaning processes from ODS solvents to vapour degreasing at Unsan Tools Factory (UTF)	ASP	DRK	SOL	23	INV	5	DRK/97/178	110.00										110.00
FIN	Conversion of metal cleaning processes from ODS solvent to vapour at Pyongyang September 18 Bearings Factory	ASP	DRK	SOL	26	INV	10	DRK/98/079	121.00										121.00
FIN	Conversion of metal cleaning processes from CTC solvent to TCE vapour degreasing at Ceramic Tools Factory (CTF)	ASP	DRK	SOL	28	INV	12	DRK/99/087	19.80										19.80
COM	Phase-out of CFC-11 consumption by conversion to water-blown technology and HCFC-141b at P.T. Nirwana in the manufacture of polyurethane integral skin and flexible moulded polyurethane foam	ASP	IDS	FOA	29	INV	110	INS/99/172	32.60		32.60								
COM	Phase-out of CFC-11 consumption by conversion to water-blown technology and HCFC-141b at P.T. Meta Presindo Utama in the manufacture of polyurethane integral skin and moulded polyurethane foam	ASP	IDS	FOA	29	INV	113	INS/99/171	21.80		21.80								
FIN	Investment project for phasing out ODS at PT Naviri Kencana Perdana	ASP	IDS	FOA	19	INV	43	INS/96/116	47.80		47.80								
FIN	Phasing out CFC-11 at PT Winnerfoam Abadi	ASP	IDS	FOA	22	INV	56	INS/97/104	40.00		40.00								
FIN	Phasing out CFC-11 at Panca Duta foam industry	ASP	IDS	FOA	22	INV	57	INS/97/105	45.00		45.00								
FIN	Phasing out CFC-11 at PT Elastino Satyajaya flexible polyurethane foam plan	ASP	IDS	FOA	22	INV	58	INS/97/103	18.00		18.00								
FIN	Phasing out of ODS at P.T. Air Tech. Co. Ltd.	ASP	IDS	REF	18	INV	35	INS/96/007	30.10								30.10		
FIN	Phasing out ODS at P.T. Jalur Sejuk	ASP	IDS	REF	22	INV	59	INS/97/106	30.85								30.85		
COM	Conversion of carbon tetrachloride (CTC) as process solvent to ethylene dichloride at Svis Labs Ltd., Ranipet	ASP	IND	PAG	32	INV	284	IND/01/007	54.20						54.20				
COM	Conversion of carbon tetrachloride (CTC) as process solvent to ethylene dichloride at Satya Deeptha Pharmaceuticals Ltd., Humnabad	ASP	IND	PAG	32	INV	287	IND/01/008	27.90						27.90				
COM	Conversion of carbon tetrachloride (CTC) as process solvent to trichloromethane at Doctors Organic Chemicals Ltd., Tanuku	ASP	IND	PAG	32	INV	291	IND/01/015	94.60						94.60				
COM	Conversion of cleaning processes from TCA and CTC to non-ODS solvent cleaning technologies (trichloroethylene and alkozypropanol) at Videocon Group (VDC)	ASP	IND	SOL	28	INV	225	IND/99/091	7.20										7.20
COM	Conversion of cleaning and coating processes based on CFC-113 to IPA and xylene at Microraj Electronics PVT Ltd. & RCC (Sales) PVT ltd., Hyderabad (MRJ)	ASP	IND	SOL	28	INV	230	IND/99/090	4.30										4.30
COM	Conversion of carbon tetrachloride (CTC) as cleaning solvent to trichloroethylene at Blue Star Ltd., Thane	ASP	IND	SOL	31	INV	266	IND/00/131	6.60										6.60

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Table 3a: ODP Phased out - by Region, Country and Sector - Completed Projects

Status	Project Title	Region	Cntry.	Sector	Mtg.	Type	No.	UNIDO Project Number	ODP phased out	Aerosols	Foams	Fumigants	Halons	Other (Tobacco)	Process Agent	Production Sector	Refrigeration (incl. MAC and compressors)	Several (R&R)	Solvents
FIN	Conversion of electronic cleaning processes from ODS solvents aqueous cleaning at ITI Mankapur	ASP	IND	SOL	13	INV	25	IND/94/423	48.80										48.80
FIN	Conversion of electronic cleaning processes for ODS solvents to non-clean and hydrocarbon cleaning technologies at ERL-Bangalore	ASP	IND	SOL	18	INV	65	IND/96/034	16.40										16.40
FIN	Conversion of electronic cleaning processes from ODS solvents to no-clean and aqueous photo resist developing and stripping technologies at ITI Palakkad	ASP	IND	SOL	18	INV	66	IND/96/035	15.00										15.00
FIN	Conversion of electronic cleaning processes from ODS solvents to semi-aqueous cleaning and no-clean soldering technologies at ITI, Bangalore	ASP	IND	SOL	19	INV	95	IND/96/083	7.00										7.00
FIN	Conversion of precision cleaning and coating processes from ODS solvents to heat cleaning technologies and ODS free solvent coating at Malhotra Shaving Products Ltd.	ASP	IND	SOL	25	INV	181	IND/98/040	13.60										13.60
FIN	Conversion of precision cleaning and coating processes from ODS to heat cleaning technologies and ODS free solvent coating at Lal Malhotra & Sons Ltd.	ASP	IND	SOL	26	INV	191	IND/98/078	16.00										16.00
COM	DBL project Iran. Phasing out CFC-11 through conversion of rigid PU-foam manufactured with the technique of continuous lamination at Fabis, Iran Steel, Mammoth Tehran, F.M., and Urethane Systems	ASP	IRA	FOA	17	INV	11	IRA/95/126	1,200.00		1,200.00								
COM	Phasing out of CFC-11 from flexible slabstock foam manufacturing at Safoam Co	ASP	IRA	FOA	22	INV	20	IRA/97/085	120.00		120.00								
COM	Phasing out ODS at Electro Steel Co.	ASP	IRA	REF	23	INV	24	IRA/97/196	120.00								120.00		
COM	Phasing out ODS at Yakh Chavan Manufacturing Company	ASP	IRA	REF	23	INV	25	IRA/97/201	41.80								41.80		
COM	Phasing out ODS at Yakh Saran Co.	ASP	IRA	REF	23	INV	26	IRA/97/199	34.00								34.00		
COM	Phasing out ODS at Zagross II Co.	ASP	IRA	REF	23	INV	28	IRA/97/197	34.00								34.00		
COM	Replacement of CFC-11 foam blowing agent with HCFC-141b in manufacture of commercial refrigeration equipment at Yazd Arg Metal, Yazd Sardin and Shervin Electric	ASP	IRA	REF	26	INV	37	IRA/98/087	62.20								62.20		
COM	Conversion from CFC-11 to HCFC-141b and CFC-12 to HFC-134a technology in the manufacture of domestic and domestic refrigeration at the Sherkate Sanayee Emerson (Emerson Co)	ASP	IRA	REF	28	INV	42	IRA/99/109	45.80								45.80		
COM	Phasing out of CFC-11 by conversion to HCFC-141b AND cfc-12 TO hfc-134A in commercial refrigeration at the second group of Iranian Commercial Refrigeration Manufacturers	ASP	IRA	REF	28	INV	45	IRA/99/122	42.50								42.50		
COM	Conversion from CFC-11 to HCFC-141b and CFC-12 to HFC-134a technology in the manufacture of domestic and commercial refrigeration at the Sherkate Broudati Ghandil Iran (Ghandil Co.)	ASP	IRA	REF	28	INV	47	IRA/99/110	27.50								27.50		
COM	Conversion from CFC-11 to HCFC-141b and CFC-12 to HFC-134a technology in the manufacture of domestic and commercial refrigeration at the Saiwan Sannat Co.	ASP	IRA	REF	29	INV	52	IRA/99/164	14.90								14.90		
COM	Conversion from CFC-11 to HCFC-141b and CFC-12 to HFC-134a technology in the manufacture of domestic and commercial refrigeration at the Sherkate Sanaayee Toulidy Bard Co	ASP	IRA	REF	29	INV	53	IRA/99/161	16.40								16.40		
COM	Conversion from CFC-11 to HCFC-141b and CFC-12 to HFC-134a technology in the manufacture of domestic and commercial refrigeration at the Minavand Refrigeration Company	ASP	IRA	REF	29	INV	54	IRA/99/163	13.40								13.40		
COM	Conversion from CFC-11 to HCFC-141b and CFC-12 to HFC-134a technology in the manufacture of domestic and commercial refrigeration at the Forouzan Yakhchal Company (Forouzan Ref. Co.)	ASP	IRA	REF	29	INV	59	IRA/99/162	16.70								16.70		

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Table 3a: ODP Phased out - by Region, Country and Sector - Completed Projects

Status	Project Title	Region	Cntry.	Sector	Mtg.	Type	No.	UNIDO Project Number	ODP phased out	Aerosols	Foams	Fumigants	Halons	Other (Tobacco)	Process Agent	Production Sector	Refrigeration (incl. MAC and compressors)	Several (R&R)	Solvents
COM	Conversion from CFC-11 to HCFC-141b and CFC-12 to HFC-134a technology in the manufacture of domestic and commercial refrigeration at Sanayee Broudati Partou Sard Tawan (Barez-Himalia) and Sanayee Broudati Himalia (Himalia)	ASP	IRA	REF	31	INV	69	IRA/00/111	36.09								36.09		
FIN	Conversion of domestic refrigerator production facilities to phase-out CFC-11 and CFC-12	ASP	IRA	REF	11	INV	8	IRA/94/403 - Phase I and Phase II	757.00								757.00		
FIN	Conversion of domestic refrigerator production facilities to phase out CFC-12 and CFC-11 (2nd group) at Movalled Home Appliances Co	ASP	IRA	REF	18	INV	12	IRA/96/041	70.00								70.00		
FIN	Conversion of domestic refrigerator production facilities to phase out CFC-12 and CFC-11 (2nd group) at Pars Machine Manufacturing Co	ASP	IRA	REF	18	INV	13	IRA/96/041	62.00								62.00		
FIN	Conversion of domestic refrigerator production facilities to phase out CFC-12 and CFC-11 (2nd group) at Lorestan Refrigerator Manufacturing Industries	ASP	IRA	REF	18	INV	14	IRA/96/041	94.00								94.00		
FIN	Conversion of domestic refrigerator production facilities to phase out CFC-12 and CFC-11 (2nd group) at Gadook Industries, Co.	ASP	IRA	REF	18	INV	15	IRA/96/041	18.50								18.50		
FIN	Conversion of domestic refrigerator production facilities to phase out CFC-12 and CFC-11 (2nd group) at Faritz, Iran	ASP	IRA	REF	18	INV	16	IRA/96/041	109.00								109.00		
FIN	Conversion of domestic refrigerator production facilities to phase out CFC-12 and CFC-11 (2nd group) at Pars Monark Co.	ASP	IRA	REF	18	INV	17	IRA/96/041	18.50								18.50		
FIN	Replacement of CFC-11 foam blowing agent with HCFC-141b and CFC-12 refrigerant with HCFC-134a in manufacture of commercial refrigeration equipment at Sobouhi Refrigeratior	ASP	IRA	REF	26	INV	35	IRA/98/086	30.40								30.40		
COM	Phase-out of CFC-12 in the manufacture of hair lacquers by conversion to hydrocarbon propellant at Jordan Tunisian Chemical Company	ASP	JOR	ARS	32	INV	68	JOR/01/009	12.00	12.00									
COM	Phasing out of CFC-11 by conversion to HCFC-141b and CFC-12 to HFC-134a in manufacture of commercial refrigeration equipment at the Third Group of Jordanian Commercial Refrigerator Manufacturers	ASP	JOR	REF	28	INV	52	JOR/99/111	17.74								17.74		
COM	Phasing out of CFC-11 by conversion to HCFC-141b and CFC-12 to HFC-134a in manufacture of commercial refrigertion equipment at Al-Arghawin & Marka commercial refrigerator manufacturers	ASP	JOR	REF	29	INV	55	JOR/99/165	27.40								27.40		
COM	Replacement of CFC-11 and CFC-12 with HCFC-141b and HFC-134a in production commercial refrigeration equipment at the medium size commercia refrigerator manufacturers (Jordan Catering Supplies, El-Shami, and Nedal Raja Al-Dwaik companies) in Jordan	ASP	JOR	REF	31	INV	65	JOR/00/112	34.72								34.72		
COM	Phasing out of CFC-11 by conversion to HCFC-141b and CFC-12 to HFC-134a in manufacture of commercial refrigeration equipment at Fourth Group of small size Jordanian Commercial refrigerator manufacturers	ASP	JOR	REF	31	INV	66	JOR/00/113	23.07								23.07		
FIN	ODS phase out at National Refrigeration Co. (NRC)	ASP	JOR	REF	13	INV	18	JOR/94/419	19.30								19.30		
FIN	ODS phase out at Household Appliance Manufacturing Co. (HAMCO)	ASP	JOR	REF	13	INV	19	JOR/94/420	21.20								21.20		
FIN	ODS phase out at Middle East Electrical Industries Co. Ltd.	ASP	JOR	REF	13	INV	20	JOR/94/418	23.00								23.00		
FIN	Phasing out CFC at Abdin Industrial Est.Co.	ASP	JOR	REF	20	INV	29	JOR/96/194	21.50								21.50		
FIN	Phasing out CFCs at the Ihsan & Tahseen Baalbaki Co.	ASP	JOR	REF	23	INV	35	JOR/97/191	66.50								66.50		
FIN	Replacement of CFC-11 foam blowing agent with HCFC-141b and CFC-12 refrigerant with HCFC-134a in manufacture of commercial refrigeration equipment at six Jordanian companies	ASP	JOR	REF	26	INV	42	JOR/98/090	25.10								25.10		

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FIN	Replacement of CFC-11 foam blowing agent with HCFC-141b and CFC-12 refrigerant with HFC-134a in manufacture of commercial refrigeration equipment at Maurice al-Deek Co.	ASP	JOR	REF	26	INV	43	JOR/98/089	25.70								25.70		
FIN	Phasing out of CFC-11 by conversion to HCFC-141b and CFC-12 to HFC-134a in manufacture of commercial refrigeration equipment at the Second Group of Jordanian Commercial Refrigerator Manufacturers	ASP	JOR	REF	28	INV	62	JOR/99/123	25.80								25.80		
FIN	Investment project for phasing out of CFCs at Cosmaline Industries s.a.al.	ASP	LEB	ARS	19	INV	5	LEB/96/122	87.70	87.70									
FIN	Investment project for phasing out CFCs at Zeeni's Trading Agency	ASP	LEB	ARS	19	INV	6	LEB/96/123	212.00	212.00									
FIN	Phasing out of CFC-11 at Nasri Karam and Sons	ASP	LEB	FOA	20	INV	9	LEB/96/178	22.00		22.00								
FIN	Phasing out CFC-11 at Ets. Henri Abdallah P.F.M.	ASP	LEB	FOA	21	INV	18	LEB/97/020	16.60		16.60								
COM	Phase-out of methyl bromide for soil fumigation in strawberry production (first tranche	ASP	LEB	FUM	34	INV	44	LEB/01/184	6.00			6.00							
COM	Phasing out of CFC-11 by conversion to HCFC-141b and CFC-12 to HFC-134a in manufacture of commercial refrigeration at the second group of Lebanese commercial refrigeration manufacturer	ASP	LEB	REF	31	INV	36	LEB/00/114	15.66								15.66		
COM	Phasing out of CFC-11 by conversion to HCFC-141b and CFC-12 to HFC-134a in manufacture of commercial refrigeration at the third group of Lebanese commercial refrigerator manufacturer	ASP	LEB	REF	31	INV	39	LEB/00/115	15.80								15.80		
FIN	Phasing out of CFCs at Lebanese Modern Industrial and Trading Co.	ASP	LEB	REF	22	INV	19	LEB/97/084	135.00								135.00		
FIN	Phasing out of CFC-11 by conversion to HCFC-141B and CFC-12 to HFC-134a in the manufacture of commercial refrigeration at the first group of Lebanese Commercial Refrigerator Manufacturers	ASP	LEB	REF	29	INV	33	LEB/99/167	18.50								18.50		
FIN	Phasing out ODS at Summer Technologies Sdn. Bhd.	ASP	MAL	FOA	23	INV	100	MAL/97/187	12.10		12.10								
FIN	Phasing out ODS at Kean Chong Industries Sdn. Bhd	ASP	MAL	FOA	23	INV	101	MAL/97/189	16.30		16.30								
FIN	Phasing out ODS at Visdamax Sdn. Bhd	ASP	MAL	FOA	23	INV	102	MAL/97/188	18.50		18.50								
FIN	Replacement of CFC-11 foam blowing agent by HCFC-141b in the insulation of GRP fish boxes and flotation buoys at C.C. Chong Co.	ASP	MAL	FOA	26	INV	112	MAL/98/085	4.50		4.50								
FIN	The replacement of CFC-11 foam blowing agent by HCFC-141b in the manufacture of insulation panels at Ming Soon Enterprise Sdn. Bhd.	ASP	MAL	FOA	26	INV	113	MAL/98/083	6.23		6.23								
FIN	Replacement of CFC-11 foam blowing agent by HCFC-141b in the manufacture of insulation panels at Yong Tuck Refrigerators Trading Co	ASP	MAL	FOA	27	INV	120	MAL/99/021	8.00		8.00								
FIN	Phase out CFC-11 consumption by conversion to HCFC-141b AT Perniagaan Hower in the manufacture of sandwich panels	ASP	MAL	FOA	28	INV	124	MAL/99/102	5.30		5.30								
FIN	Phase out of CFC-11 by conversion to HCFC-141b technology at Automated Plastic System Sdn. Bhd. in the manufacture of insulated fishing boxes	ASP	MAL	FOA	28	INV	125	MAL/99/103	5.20		5.20								
FIN	Phase out CFC-11 consumption at Chong Brother Group of Companies	ASP	MAL	FOA	28	INV	127	MAL/99/101	27.60		27.60								
COM	Conversion of ODS cleaning and coating processes from CFC-113 to trichloroethylene and IPA at Treet Corporation Ltd., Lahore	ASP	PAK	SOL	22	INV	14	PAK/97/076	40.70										40.70
FIN	Conversion of ODS coating processes from CFC-113 to trichloroethylene and IPA at Treet Corporation Ltd. Hyderabad	ASP	PAK	SOL	22	INV	13	PAK/97/077	18.90										18.90
FIN	National CFC recovery and recycling schem	ASP	PHI	REF	22	TAS	49	PHI/97/097	60.00									60.00	
FIN	Phasing out CFCs at Gaston Banna & Sons Co.	ASP	SYR	ARS	19	INV	13	SYR/96/121	104.00	104.00									
FIN	Phasing out CFCs at Careesse Cosmetics	ASP	SYR	ARS	21	INV	16	SYR/97/016	185.00	185.00									
FIN	Phasing out CFCs at Al Yaman	ASP	SYR	ARS	22	INV	20	SYR/97/111	95.00	95.00									
FIN	Phasing out CFCs at Ahmed Ali Harsho Sons Co.	ASP	SYR	ARS	22	INV	21	SYR/97/110	45.00	45.00									
FIN	Phasing out CFCs at Taki Eddin & Co.	ASP	SYR	ARS	22	INV	22	SYR/97/112	118.80	118.80									

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Table 3a: ODP Phased out - by Region, Country and Sector - Completed Projects

Status	Project Title	Region	Cntry.	Sector	Mtg.	Type	No.	UNIDO Project Number	ODP phased out	Aerosols	Foams	Fumigants	Halons	Other (Tobacco)	Process Agent	Production Sector	Refrigeration (incl. MAC and compressors)	Several (R&R)	Solvents
FIN	Phasing out CFCs at Laboratories Kosmeto	ASP	SYR	ARS	23	INV	23	SYR/97/171	59.90	59.90									
FIN	Phasing out CFCs at Dina Cosmetics	ASP	SYR	ARS	23	INV	24	SYR/97/172	70.00	70.00									
FIN	Phasing out CFCs at Mariza Co.	ASP	SYR	ARS	25	INV	31	SYR/98/055	90.00	90.00									
FIN	Phasing out CFCs at Al-Fajer Co.	ASP	SYR	ARS	26	INV	36	SYR/98/095	44.00	44.00									
COM	Phasing out of CFC-11 from flexible slabstock foam manufacturing at Akal Factory	ASP	SYR	FOA	23	INV	25	SYR/97/180	101.00		101.00								
COM	Phasing out CFC-11 in manufacturing of flexible PU slabstock foam through the use of CO2 blowing technology at National Polyurethane Company (N.P.C.)	ASP	SYR	FOA	26	INV	32	SYR/98/092	96.00		96.00								
FIN	Phasing out CFC-11 at Dakkak Co. flexible polyurethane foam plan	ASP	SYR	FOA	19	INV	14	SYR/96/119	17.00		17.00								
FIN	Investment project for phasing out CFCs at Krayem Cold Stores Co.	ASP	SYR	FOA	19	INV	15	SYR/96/086	65.00		65.00								
FIN	Phasing out CFC-11 at Abdul Karim Sbei	ASP	SYR	FOA	21	INV	17	SYR/97/018	61.70		61.70								
FIN	Phasing out CFC-11 at Walid and Nabil Rankousi Ltd.	ASP	SYR	FOA	21	INV	18	SYR/97/019	38.70		38.70								
FIN	Phasing out CFC-11 in the manufacture of flexible PU slabstock foam through the use of methylene chloride as blowing agent at Chaar Bros Co.	ASP	SYR	FOA	26	INV	34	SYR/98/091	50.00		50.00								
COM	Conversion from CFC-11 to HCFC-141b and CFC-12 to HFC-134a in the production of refrigerators and freezers at Golden Penguin Co	ASP	SYR	REF	28	INV	45	SYR/99/113	18.40								18.40		
COM	Conversion from CFC-11 to HCFC-141b and CFC-12 to HFC-134a in the production of refrigerators and freezers at Alaman Co	ASP	SYR	REF	28	INV	60	SYR/99/114	15.90								15.90		
FIN	Phasing out of CFCs at Al Hafez Refrigeration Co.	ASP	SYR	REF	13	INV	4	SYR/94/412	100.70								100.70		
FIN	Investment project for phasing out CFC at Penguin (Syrian Batric Co.)	ASP	SYR	REF	15	INV	5	SYR/95/041	77.30								77.30		
FIN	Phasing out CFC at Barada General Co. for Metallic Industry	ASP	SYR	REF	15	INV	9	SYR/95/042	97.00								97.00		
FIN	Phasing out of CFCs from Manufacturing of domestic and commercial refrigerators at Krayem Brothers Co.	ASP	SYR	REF	18	INV	11	SYR/96/014	89.00								89.00		
FIN	Phasing out ODS at the Searefico and Searee industrial refrigeration plants of Seaprodex Co	ASP	VIE	REF	15	INV	4	VIE/95/047	40.00								40.00		
		ASP Total							**15,930.6**	**1,123.4**	**4,218.6**	**6.0**	**1,480.0**	**290.0**	**176.7**	**500.0**	**7,320.1**	**60.0**	**755.7**
FIN	Phasing out CFCs at Pliva D.D.	EUR	CRO	ARS	22	INV	5	CRO/97/118	10.60	10.60									
FIN	Phasing out CFC-11 at Oriolik Co. flexible polyurethane foam plan	EUR	CRO	FOA	22	INV	4	CRO/97/079	25.00		25.00								
COM	Refrigerant management plan: national recovery and recycling project	EUR	CRO	REF	28	TAS	10	CRO/99/099	15.00									15.00	
FIN	Phasing out of CFC-11 from flexible slabstock foam manufacturing at Sileks Ad Co	EUR	MDN	FOA	22	INV	5	MCD/97/083	280.00		280.00								
FIN	Phasing out of CFC-11 from manufacturing of rigid PU sandwich panels at Sileks Ad Co.	EUR	MDN	FOA	22	INV	6	MCD/97/123	67.60		67.60								
FIN	Phasing out of CFCs at the refrigerator plant of Frinko	EUR	MDN	REF	20	INV	3	MCD/96/179	104.00								104.00		
COM	Refrigerant management plan: recovery and recycling	EUR	MDN	REF	28	TAS	10	MCD/99/092	13.50									13.50	
FIN	Phasing out of CFCs at FARMEC SA	EUR	ROM	ARS	18	INV	5	ROM/96/012	730.00	730.00									
COM	Phase out of CFC 11 and CFC-12 in the manufacture of extruded polyethylene and polystyrene foams through the use of butane as a blowing agent at Romcarbon, S.A.	EUR	ROM	FOA	27	INV	15	ROM/99/034	132.40		132.40								
FIN	Phasing out of CFC-11 at S.C. Spumotim S.A.	EUR	ROM	FOA	20	INV	9	ROM/96/180	30.00		30.00								
FIN	Phase out ODS at the domestic refrigeration factory Arctic S.A.	EUR	ROM	REF	18	INV	6	ROM/96/033	206.70								206.70		
FIN	Phasing out CFC-11 and CFC-12 in the production of domestic refrigerators and replacing them by cyclopentane and HFC-134a at Ratmil, Uzine Mecanica Sadu	EUR	ROM	REF	20	INV	10	ROM/96/209	73.30								73.30		
COM	Refrigerant management plan: recovery and recycling	EUR	ROM	REF	28	TAS	16	ROM/99/080	50.00									50.00	

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Table 3a: ODP Phased out - by Region, Country and Sector - Completed Projects

Status	Project Title	Region	Cntry.	Sector	Mtg.	Type	No.	UNIDO Project Number	ODP phased out	Aerosols	Foams	Fumigants	Halons	Other (Tobacco)	Process Agent	Production Sector	Refrigeration (incl. MAC and compressors)	Several (R&R)	Solvents
COM	Phasing out CFC-11 in the manufacturing of flexible polyurethane slabstock foam through the use of liquid CO2 blowing technology at Sungersan	EUR	TUR	FOA	27	INV	52	TUR/99/016	78.00		78.00								
FIN	Phasing out of CFC-11 at Urosan Kimiya Sanayii A.S.	EUR	TUR	FOA	20	INV	22	TUR/96/181	135.00		135.00								
FIN	Phasing out CFC-11 at Isbir Termoset Plastic San. A.S., Ankara, Turkey	EUR	TUR	FOA	23	INV	30	TUR/97/167	130.00		130.00								
FIN	Phasing out of CFC-11 in manufacturing of flexible polyurethane slabstock foam through the use of CO2 blowing technology at Serra Sunge	EUR	TUR	FOA	25	INV	47	TUR/98/056	86.00		86.00								
FIN	Phasing out CFC-11 in manufacturing of flexible PU molded foam through the use of CO2 blosing technology at Sungersan, Burs	EUR	TUR	FOA	27	INV	53	TUR/99/017	30.00		30.00								
FIN	Phasing out of CFC-11 by conversion to HCFC-141b in the manufacture of rigid polyurethane panels for thermal insulation for cold rooms and cold storages at Izotek	EUR	TUR	FOA	28	INV	65	TUR/99/078	74.80		74.80								
FIN	Replacement of CFC-113 as solvent for dyaliser cleaning by water and steam at Hemomed Ltd	EUR	YUG	SOL	26	INV	8	YUG/98/076	54.60										54.60
		EUR Total							**2,326.5**	**740.6**	**1,068.8**	-	-	-	-	-	**384.0**	**78.5**	**54.6**
FIN	Investment project for phasing out of ODS at Bandex S.A.	LAC	ARG	FOA	13	INV	9	ARG/94/410	214.00		214.00								
FIN	Phase out of ODS at CELPACK S.A.	LAC	ARG	FOA	13	INV	10	ARG/94/413	135.00		135.00								
FIN	Phasing out of CFC-12 at Multiespuma Saic	LAC	ARG	FOA	20	INV	49	ARG/96/177	60.00		60.00								
FIN	Phasing out CFC-11 by conversion to HCFC-141B as a blowing agent in the manufacture of P.U. blocks and tank spraying at Polwer S.R.L.	LAC	ARG	FOA	28	INV	110	ARG/99/107	26.80		26.80								
FIN	Phasing out of CFC-11 by conversion to HCFC-141b as a blowing agent in the manufacture of rigid P.U. foams: umbrella project (Tarco, Mondino, Schaum, Fadep, Occhipinti and Friolatina)	LAC	ARG	FOA	29	INV	97	ARG/99/158	30.40		30.40								
FIN	Elimination of CFCs in the manufacturing plant of domestic refrigerators of Frare S.A., Buenos Aires	LAC	ARG	REF	23	INV	64	ARG/97/185	32.00								32.00		
FIN	Elimination of CFCs in the manufacturing plant of domestic refrigerators of Bambi S.A., Santa F	LAC	ARG	REF	23	INV	67	ARG/97/184	30.60								30.60		
FIN	CFC-recovery, recycling and training in refrigeration	LAC	BAR	REF	18	TAS	4	BAR/96/043	14.00									14.00	
COM	Phase-out of CFC-11 consumption by conversion to water-blown and HCFC-141b technology at Sector Co. in the manufacture of polyurethane integral skin and flexible moulded polyurethane foam	LAC	BRA	FOA	31	INV	186	BRA/00/106	17.70		17.70								
FIN	Investment project for phasing out of ODS at Frisokar Equipamentos Plasticos Ltd.	LAC	BRA	FOA	17	INV	26	BRA/95/124	42.00		42.00								
FIN	Phasing out CFC-11 with cyclopentane at Crios Industrial Ltd. (suppliers of Eletrofrio Company	LAC	BRA	FOA	25	INV	103	BRA/98/045	46.00		46.00								
COM	Phasing out methyl bromide in the entire Tobacco Sector	LAC	BRA	FUM	28	INV	142	BRA/00/018	84.40			84.40							
COM	Phasing out CFC-12 with HFC-134A and CFC-11 with HFC-141b at five commercial refrigeration companies (Arparna, Begel, Belliere, Genaredx and Katz Refrigeracao) (umbrella project	LAC	BRA	REF	28	INV	139	BRA/99/112	26.00								26.00		
FIN	Conversion of the assembly of refrigeration compressors to phase out CFC-12 and CFC/HCFC-502 by using HFC-134a and R-404a at Elgin Maquinas SA	LAC	BRA	REF	17	INV	20	BRA/95/125	-								-		
FIN	Phasing out of CFC-12 by HFC-134a as refrigerant and CFC-11 by cyclopentane as foam blowing agent in commercial refrigeration equipment for supermarkets at Eletrofrio S/A	LAC	BRA	REF	20	INV	54	BRA/96/208	47.00								47.00		
FIN	Conversion of ODS cleaning processes from 1,1,1 TCA to aqueous cleaning and using trichlorethane at Elgin Maquinas SA	LAC	BRA	SOL	18	INV	39	BRA/96/040	6.00										6.00
FIN	Elimination of 1,1,1 TCA used as solvent at Rodabras	LAC	BRA	SOL	20	INV	60	BRA/96/202	4.20										4.20

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Table 3a: ODP Phased out - by Region, Country and Sector - Completed Projects

Status	Project Title	Region	Cntry.	Sector	Mtg.	Type	No.	UNIDO Project Number	ODP phased out	Aerosols	Foams	Fumigants	Halons	Other (Tobacco)	Process Agent	Production Sector	Refrigeration (incl. MAC and compressors)	Several (R&R)	Solvents
FIN	Elimination of 1,1,1 TCA used for the formulation of tapping fluids at Tapmatic	LAC	BRA	SOL	20	INV	61	BRA/96/204	9.90										9.90
COM	Phasing out methyl bromide in the tobacco sector	LAC	CUB	FUM	26	INV	11	CUB/98/088	48.00			48.00							
FIN	Phasing out ODS at Guyana Refrigerator Ltd., Guyana (GRL)	LAC	GUY	REF	23	INV	5	GUY/97/204	7.20								7.20		
COM	Phasing out CFC-11 with cyclopentane and CFC-12 with HFC-134a in the manufacturing plant of commercial refrigerators of Metaplus S.A. de C.V	LAC	MEX	REF	30	INV	90	MEX/00/025	20.10								20.10		
COM	Phasing out CFC-11 with HCFC-141b and CFC-12 with HFC-134a in the manufacturing plant of commercial refrigerators at Refrigeracion Duran S.A. de C.V.	LAC	MEX	REF	30	INV	91	MEX/00/024	15.10								15.10		
FIN	Phasing out of CFCs at Criotec S.A.	LAC	MEX	REF	23	INV	67	MEX/97/175	16.00								16.00		
FIN	Phasing out of CFCs at Torrey S.A.	LAC	MEX	REF	23	INV	68	MEX/97/176	15.10								15.10		
FIN	Phasing out of CFCs at Nieto S.A.	LAC	MEX	REF	23	INV	70	MEX/97/174	24.60								24.60		
FIN	Phasing out of CFCs at Vendo S.A.	LAC	MEX	REF	23	INV	74	MEX/97/177	16.50								16.50		
FIN	Phasing out of CFC-11 and CFC-12 with HCFC-141b and HFC 134a at Plasticos Tecnicos Mexicanos (PTM) in the manufacture of commercial refrigeration equipment	LAC	MEX	REF	25	INV	85	MEX/98/048	50.60								50.60		
FIN	Phasing out of CFC-11 and CFC-12 with HCFC-141b and HFC 134a at Fogel S.A. in the manufacture of commercial refrigeration equipment	LAC	NIC	REF	25	INV	5	NIC/98/051	9.60								9.60		
FIN	Elimination of 1,1,1 trichloroethane at Faber Castell	LAC	PER	SOL	20	INV	18	PER/96/197	0.50										0.50
FIN	Elimination of 1,1,1 trichloroethane at Carbolar	LAC	PER	SOL	20	INV	19	PER/96/199	0.40										0.40
FIN	Elimination of 1,1,1 trichloroethane at Papeles Industriales	LAC	PER	SOL	20	INV	20	PER/96/200	0.50										0.50
COM	Phasing out CFC-11 with HCFC-141b at Nevecor in the production of rigid P.U. panels	LAC	VEN	FOA	31	INV	84	VEN/00/101	36.40		36.40								
FIN	Phasing out ODS at Decocar	LAC	VEN	FOA	22	INV	54	VEN/97/107	16.20		16.20								
FIN	Phasing out ODS at Veniber C.A.	LAC	VEN	FOA	22	INV	56	VEN/97/108	21.60		21.60								
FIN	Phasing out ODS at Daniven C.A.	LAC	VEN	FOA	22	INV	57	VEN/97/109	18.00		18.00								
FIN	Phasing out ODS at Industrias Todos C.A., Caracas	LAC	VEN	FOA	23	INV	61	VEN/97/181	17.80		17.80								
FIN	Phasing out CFC -11 with HCFC-141b at TECNOFRIGO in the production of rigid PU panels	LAC	VEN	FOA	25	INV	64	VEN/98/053	9.00		9.00								
FIN	Phasing out CFC-11 with HCFC-141b at Liderfrio in the production of rigid PU panels	LAC	VEN	FOA	26	INV	66	VEN/98/097	13.90		13.90								
FIN	Phasing out CFC-11 with HCFC-141b in the production of rigid polyurethane panels at Fricava C.A.	LAC	VEN	FOA	27	INV	73	VEN/99/044	15.30		15.30								
FIN	Phasing out of CFC-11 by 100% water blown system in the production of moulded integral skin flexible PU foam at Fanesi	LAC	VEN	FOA	27	INV	74	VEN/99/045	11.40		11.40								
FIN	Phasing out CFC-11 with HCFC-141b at Novemeca in the production of rigid P.U. panels	LAC	VEN	FOA	29	INV	77	VEN/99/160	16.20		16.20								
FIN	Phasing out CFC-11 with HCFC-141b at Amerio Industrial S.A. in the production of rigid P.U. panels	LAC	VEN	FOA	29	INV	78	VEN/99/159	11.80		11.80								
COM	Phasing out CFC-12 with HFC-134a and CFC-11 with HCFC-141b at five commercial refrigeration companies (umbrella project)	LAC	VEN	REF	29	INV	76	VEN/99/170	30.90								30.90		
COM	Phasing out CFC-12 with HFC-134a and CFC-11 with HCFC-141b at three domestic refrigeration companies (umbrella project)	LAC	VEN	REF	29	INV	79	VEN/99/169	27.00								27.00		
FIN	Phasing out CFC-11 and CFC-12 withHCFC-141b and HFC-134a at INVITREL in the manufacture of commercial refrigeration equipmen	LAC	VEN	REF	25	INV	63	VEN/98/052	46.40								46.40		
		LAC Total							**1,342.1**	**-**	**759.5**	**132.4**	**-**	**-**	**-**	**-**	**414.7**	**14.0**	**21.5**
		Grand Total							**23,695.7**	**3,150.2**	**7,127.3**	**139.1**	**1,480.0**	**290.0**	**176.7**	**500.0**	**9,635.1**	**302.3**	**894.9**

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Table 3b: Partial Phase Out by Sector, Region, Country

Status	Project Title	Region	Cntry.	Sector	Mtg.	Type	No.	UNIDO Project Number	Foam			Fumigants			Refrigeration (incl. MAC & compressors)		
									ODP phase out per proposal	Partially phased out	Phased out since last report	ODP phase out per proposal	Partially phased out	Phased out since last report	ODP phase out per proposal	Partially phased out	Phased out since last report
ONG	Elimination of CFC-11 in manufacturing of PU rigid foam for insulation at 31 enterprises	ASP	CPR	FOA	29	INV	306	CPR/99/175	707.30	300.00	-						
ONG	Replacement of CFC-11 with HCFC-141b in manufacturing of PU rigid spray foam for insulation at 26 enterprises	ASP	CPR	FOA	32	INV	369	CPR/00/154	891.40	150.00	-						
ONG	Phase out of methyl bromide for soil fumigation in strawberry production	AFR	MOR	FUM	32	INV	41	MOR/00/164				155.00	59.00	23.00			
ONG	Phase-out of methyl bromide in cut flowers	AFR	ZIM	FUM	31	INV	21	ZIM/00/105				132.00	41.00	41.00			
ONG	Phase out of methyl bromide in tobacco seedlings	EUR	CRO	FUM	35	INV	14	CRO/01/215				16.20	6.20	6.20			
ONG	Phase-out of methyl bromide in tobacco seedling and horticulture production sector	EUR	MDN	FUM	32	INV	16	MCD/00/163				27.20	15.00	15.00			
ONG	Phase-out of methyl bromide in strawberry, protected vegetables and cut flower production	LAC	ARG	FUM	30	INV	105	ARG/00/033				331.00	125.40	92.30			
ONG	Phase-out of methyl bromide in horticulture (tomatoes and cut flowers)	LAC	URU	FUM	34	INV	35	URU/01/125				24.00	5.00	5.00			
COM	Phasing out of ODS at three small domestic refrigerator factories in Sudan (Coldair Refrigerator Factory, Modern Refrigerator + Metal furniture Co., Sheet Metal Industries Co. Refrigerator Factory)	AFR	SUD	REF	19	INV	6	SUD/96/138							7.30	7.30	2.55
ONG	Conversion of domestic refrigerator and freezer factories to phase out CFC-12 and CFC-11 by hydrocarbon isobutane and cyclopentane at Hangzhou Xiling Holdings Co.	ASP	CPR	REF	17	INV	119	CPR/95/127							360.00	60.00	-
									1,598.70	**450.00**	-	**685.40**	**251.60**	**182.50**	**367.30**	**67.30**	**2.55**

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Table 4: Demonstration, Investment and Recovery and Recycling Projects Completed since Last Report

Project Title	Region	Cntry	Sector	Mtg.	Type	No.	UNIDO Project No.	ODP phased out	Date Approved	First Disbursement Date	Date Completed (Actual)	Date of Financial Completion	Approved Funding (US$)	Adjustment (US$)	Funds Disbursed (US$)	Balance (US$)	Estimated Disbursement in Current Year
Phase out of CFC-11/CFC-12 by conversion to hydrocarbon technology in the manufacture of aerosols at company Saco	AFR	ALG	ARS	28	INV	41	ALG/99/115	19.00	Jul-99	May-00	Feb-02		73,691	0	73,500	191	1
Phasing out of CFC-11 by conversion to methylene chloride in the manufacture of flexible polyurethane foam at Matelas Atlas (Sam Atlas)	AFR	ALG	FOA	27	INV	33	ALG/99/032	22.00	Mar-99	Dec-99	Jun-02		120,060	0	113,556	6,504	6,500
Phasing out of CFC-11 by conversion to methylene chloride in the manufacture of flexible polyurethane foam at King's Matelas	AFR	ALG	FOA	27	INV	34	ALG/99/031	20.00	Mar-99	Dec-99	Jun-02		110,179	0	106,526	3,653	3,500
Phasing out of CFC-11 by conversion of methylene chloride in the manufacture of flexible polyurethane slabstock foam at Matelas Mondial	AFR	ALG	FOA	28	INV	37	ALG/99/117	20.00	Jul-99	Dec-99	Jun-02		97,986	0	95,258	2,728	2,500
Phasing out of CFC-11 by conversion of methylene chloride in the manufacture of flexible polyurethane slabstock foam at Orania Mousse Ameublement (OMA)	AFR	ALG	FOA	28	INV	39	ALG/99/118	18.00	Jul-99	Dec-99	Jun-02		99,477	0	94,313	5,164	5,000
Phasing out CFC-11 at La Mousse du Sud flexible polyurethane foam plan	AFR	ALG	FOA	23	INV	25	ALG/97/160	95.00	Nov-97	Jun-98	Oct-02		553,480	0	515,666	37,814	35,000
Phasing out CFC-11 at Scimpos	AFR	CMR	FOA	23	INV	10	CMR/97/161	120.00	Nov-97	Jun-98	Jun-02		541,350	0	540,002	1,348	1
Phasing out CFC-11 at Sonopol	AFR	CMR	FOA	23	INV	11	CMR/97/158	130.00	Nov-97	Jun-98	Jun-02		506,310	0	500,175	6,135	1
Conversion of TCA used for the formulation of degreasing and contact cleaners and crack detectors to new formulations with special hydrocarbons and heavy chlorinated ester at Sier	AFR	EGY	SOL	28	INV	79	EGY/99/086	9.00	Jul-99	Nov-00	Jun-02		231,435	0	220,336	11,099	10,842
Conversion of metal cleaning processes from TCA solvent to TCE degreasing at Maasara Co. for engineering industries	AFR	EGY	SOL	31	INV	80	EGY/00/110	10.70	Jul-00	Aug-01	Dec-02		294,950	0	292,830	2,120	2,120
Replacement of refrigerant CFC-12 with HFC-134a and foam blowing agent CFC-11 withHCFC-141b in the manufacture of commercial refrigeration at Austin-Laz & Co. Ltd	AFR	NIR	REF	29	INV	54	NIR/99/173	11.60	Nov-99	Oct-00	Aug-02		147,181	0	135,972	11,209	4,611
Replacement of refrigerant CFC-12 with HFC-134a, and foam flowing agent CFC-11 with HCFC-141b in the manufacture of commercial refrigeration equipment at Akocen Nigeria Ltd.	AFR	NIR	REF	32	INV	77	NIR/01/024	12.10	Dec-00	Sep-01	Oct-02		157,894	0	150,132	7,762	7,500
Replacement of refrigerant CFC-12 with HFC-134a, and foam flowing agent CFC-11 with HCFC-141b in the manufacture of commercial refrigeration equipment at Coldcare Nigeria Ltd.	AFR	NIR	REF	32	INV	76	NIR/01/023	11.40	Dec-00	Sep-01	Dec-02		173,200	0	145,386	27,814	25,500
Phasing out of CFCs at Tag Cosmetics Ltd.	AFR	SUD	ARS	28	INV	13	SUD/99/119	45.10	Jul-99	Aug-00	Jul-02	Dec-02	131,718	0	131,650	68	-
Phasing out of ODS at three small domestic refrigerator factories in Sudan (Coldair Refrigerator Factory, Modern Refrigerator + Metal furniture Co., Sheet Metal Industries Co. Refrigerator Factory	AFR	SUD	REF	19	INV	6	SUD/96/138	7.28	May-96	Dec-96	Mar-02		100,000	0	86,226	13,774	1
	AFR Total							**551.2**					**3,338,911**	-	**3,201,528**	**137,383**	**103,077**
Tobacco sector plan for CFC-11 phase-out: 2002 workplan	ASP	CPR	OTH	36	INV	388	CPR/02/056	200.00	Mar-02	Aug-02	Dec-02		2,000,000	0	1,600,000	400,000	400,000
Replacement of CFC-11 and CFC-12 with cyclopentane and isobutane in the production of refrigerators at Moganshan Electric Appliances Co	ASP	CPR	REF	29	INV	308	CPR/99/166	667.60	Nov-99	Dec-00	Dec-02		2,769,118	0	1,365,131	1,403,987	460,000
Closure of ODS production plan	ASP	DRK	PRO	36	INV	17	DRK/02/045	500.00	Mar-02	Oct-02	Oct-02		1,344,350	-	1,344,350	0	-
Conversion of carbon tetrachloride (CTC) as process solvent to ethylene dichloride at Svis Labs Ltd., Ranipet	ASP	IND	PAG	32	INV	284	IND/01/007	54.20	Dec-00	Jun-01	Jun-02		249,547	0	217,172	32,375	32,284
Conversion of carbon tetrachloride (CTC) as process solvent to ethylene dichloride at Satya Deeptha Pharmaceuticals Ltd., Humnabac	ASP	IND	PAG	32	INV	287	IND/01/008	27.90	Dec-00	Nov-01	Dec-02		260,133	0	251,032	9,101	1,000
Conversion of carbon tetrachloride (CTC) as process solvent to trichloromethane at Doctors Organic Chemicals Ltd., Tanuku	ASP	IND	PAG	32	INV	291	IND/01/015	94.60	Dec-00	Jan-02	Dec-02		288,809	0	240,516	48,293	1,200
Conversion of cleaning processes from TCA and CTC to non-ODS solvent cleaning technologies (trichloroethylene and alkozypropanol) at Videocon Group (VDC)	ASP	IND	SOL	28	INV	225	IND/99/091	7.20	Jul-99	Jun-00	Jan-02		234,978	0	233,964	1,014	1

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Table 4: Demonstration, Investment and Recovery and Recycling Projects Completed since Last Report

Project Title	Region	Cntry	Sector	Mtg.	Type	No.	UNIDO Project No.	ODP phased out	Date Approved	First Disbursement Date	Date Completed (Actual)	Date of Financial Completion	Approved Funding (US$)	Adjustment (US$)	Funds Disbursed (US$)	Balance (US$)	Estimated Disbursement in Current Year
Conversion of carbon tetrachloride (CTC) as cleaning solvent to trichloroethylene at Blue Star Ltd., Thane	ASP	IND	SOL	31	INV	266	IND/00/131	6.60	Jul-00	Dec-01	Dec-02		76,027	0	68,200	7,827	7,827
Phasing out of CFC-11 from flexible slabstock foam manufacturing at Safoam Co	ASP	IRA	FOA	22	INV	20	IRA/97/085	120.00	May-97	Jun-98	Dec-02		487,125	0	425,939	61,186	10,000
Phasing out ODS at Yakh Saran Co.	ASP	IRA	REF	23	INV	26	IRA/97/199	34.00	Nov-97	Sep-98	Jun-02		458,663	0	454,985	3,678	3,678
Conversion from CFC-11 to HCFC-141b and CFC-12 to HFC-134a technology in the manufacture of domestic and commercial refrigeration at the Saiwan Sannat Co.	ASP	IRA	REF	29	INV	52	IRA/99/164	14.90	Nov-99	Jan-00	Dec-02		200,709	0	200,709	0	-
Conversion from CFC-11 to HCFC-141b and CFC-12 to HFC-134a technology in the manufacture of domestic and commercial refrigeration at the Sherkate Sanaayee Toulidy Bard Co.	ASP	IRA	REF	29	INV	53	IRA/99/161	16.40	Nov-99	Jan-00	Dec-02		205,529	0	200,505	5,024	5,000
Conversion from CFC-11 to HCFC-141b and CFC-12 to HFC-134a technology in the manufacture of domestic and commercial refrigeration at the Minavand Refrigeration Company	ASP	IRA	REF	29	INV	54	IRA/99/163	13.40	Nov-99	Jan-00	Dec-02		176,777	0	164,964	11,813	10,000
Conversion from CFC-11 to HCFC-141b and CFC-12 to HFC-134a technology in the manufacture of domestic and commercial refrigeration at the Forouzan Yakhchal Company (Forouzan Ref. Co.	ASP	IRA	REF	29	INV	59	IRA/99/162	16.70	Nov-99	Jan-00	Dec-02		192,704	0	185,948	6,756	5,000
Conversion from CFC-11 to HCFC-141b and CFC-12 to HFC-134a technology in the manufacture of domestic and commercial refrigeration at Sanayee Broudati Partou Sard Tawan (Barez-Himalia) and Sanayee Broudati Himalia (Himalia)	ASP	IRA	REF	31	INV	69	IRA/00/111	36.09	Jul-00	Nov-00	Dec-02		377,544	0	331,555	45,989	10,000
Phase-out of CFC-12 in the manufacture of hair lacquers by conversion to hydrocarbon propellant at Jordan Tunisian Chemical Company	ASP	JOR	ARS	32	INV	68	JOR/01/009	12.00	Dec-00	Oct-01	Dec-02		52,800	0	35,193	17,607	17,500
Replacement of CFC-11 and CFC-12 with HCFC-141b and HFC-134a in production commercial refrigeration equipment at the medium size commercial refrigerator manufacturers (Jordan Catering Supplies, El-Shami, and Nedal Raja Al-Dwaik companies) in Jordan	ASP	JOR	REF	31	INV	65	JOR/00/112	34.72	Jul-00	Oct-00	Dec-02		469,525	0	425,003	44,522	6,000
Phasing out of CFC-11 by conversion to HCFC-141b and CFC-12 to HFC-134a in manufacture of commercia refrigeration equipment at Fourth Group of small size Jordanian Commercial refrigerator manufacturers	ASP	JOR	REF	31	INV	66	JOR/00/113	23.07	Jul-00	Jan-01	Dec-02		270,034	0	218,200	51,834	20,000
Phase-out of methyl bromide for soil fumigation in strawberry production (first tranche)	ASP	LEB	FUM	34	INV	44	LEB/01/184	6.00	Jul-01	Apr-02	Dec-02		350,000	0	129,502	220,498	220,400
Phasing out of CFC-11 by conversion to HCFC-141b and CFC-12 to HFC-134a in manufacture of commercia refrigeration at the second group of Lebanese commercial refrigeration manufacturer	ASP	LEB	REF	31	INV	36	LEB/00/114	15.66	Jul-00	Sep-00	Dec-02		203,191	0	201,008	2,183	1,000
Phasing out of CFC-11 by conversion to HCFC-141b and CFC-12 to HFC-134a in manufacture of commercia refrigeration at the third group of Lebanese commercial refrigerator manufacturers	ASP	LEB	REF	31	INV	39	LEB/00/115	15.80	Jul-00	Jan-01	Dec-02		208,498	0	191,290	17,208	5,000
Conversion of ODS cleaning and coating processes from CFC-113 to trichloroethylene and IPA at Treet Corporation Ltd., Lahore	ASP	PAK	SOL	22	INV	14	PAK/97/076	40.70	May-97	Oct-97	Jun-02		510,162	0	509,879	283	1
Phasing out of CFC-11 from flexible slabstock foam manufacturing at Akal Factory	ASP	SYR	FOA	23	INV	25	SYR/97/180	101.00	Nov-97	Jul-99	Oct-02		510,130	0	409,846	100,284	60,000
	ASP Total							**2,058.5**					**11,896,353**	-	**9,404,891**	**2,491,462**	**1,275,891**
Demonstration project - three alternatives to the use of methyl bromide: non-soil cultivation, biofumigation and low dose chemicals in tobacco and horticultural production	EUR	MDN	FUM	26	DEM	9	MCD/98/084	-	Nov-98	Feb-99	Apr-02		259,600	0	258,631	969	400
Refrigerant management plan: recovery and recycling	EUR	MDN	REF	28	TAS	10	MCD/99/092	13.50	Jul-99	Dec-99	Feb-02		220,044	-	176,103	43,941	32,000
	EUR Total							**13.5**					**479,644**	-	**434,734**	**44,910**	**32,400**

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Table 4: Demonstration, Investment and Recovery and Recycling Projects Completed since Last Report

Project Title	Region	Cntry	Sector	Mtg.	Type	No.	UNIDO Project No.	ODP phased out	Date Approved	First Disbursement Date	Date Completed (Actual)	Date of Financial Completion	Approved Funding (US$)	Adjustment (US$)	Funds Disbursed (US$)	Balance (US$)	Estimated Disbursement in Current Year
Phase-out of CFC-11 consumption by conversion to water-blown and HCFC-141b technology at Sector Co. in the manufacture of polyurethane integral skin and flexible moulded polyurethane foan	LAC	BRA	FOA	31	INV	186	BRA/00/106	17.70	Jul-00	Nov-01	Dec-02		130,490	0	130,439	51	-
Demonstration project - alternatives to the use of methyl bromide in banana growing at Cenibanan	LAC	COL	FUM	26	DEM	32	COL/98/080	-	Nov-98	Aug-99	Dec-02		123,200	0	116,834	6,366	3,000
Demonstration project: alternatives to the use of methyl bromide: soil pasteurization (steam), non soil cultivation, solarization with biofumigation and low dos chemicals all in combination with IPM system	LAC	DOM	FUM	26	DEM	19	DOM/98/081	-	Nov-98	May-99	Mar-02		324,500	0	316,288	8,212	800
Phasing out CFC-11 with HCFC-141b and CFC-12 with HFC-134a in the manufacturing plant of commercial refrigerators at Refrigeracion Duran S.A. de C.V.	LAC	MEX	REF	30	INV	91	MEX/00/024	15.10	Mar-00	Sep-00	Jul-02		112,985	0	107,809	5,176	5,000
Phasing out CFC-11 with cyclopentane and CFC-12 with HFC-134a in the manufacturing plant of commercial refrigerators of Metaplus S.A. de C.V	LAC	MEX	REF	30	INV	90	MEX/00/025	20.10	Mar-00	Sep-00	Dec-02		303,094	0	273,684	29,410	27,000
Phasing out CFC-11 with HCFC-141b at Nevecor in the production of rigid P.U. panel	LAC	VEN	FOA	31	INV	84	VEN/00/101	36.40	Jul-00	Dec-01	Nov-02		198,374	0	167,612	30,762	29,000
Strategy for the preparation of an RMP	LAC	VEN	REF	31	TAS	86	VEN/00/125	-	Jul-00	Mar-01	Dec-02		70,000	-	66,982	3,018	2,000
	LAC Total							**89.3**					**1,262,643**	-	**1,179,648**	**82,995**	**66,800**
	Grand Total							**2,712.5**					**16,977,551**	-	**14,220,801**	**2,756,750**	**1,478,168**
Adjustment: SUD/REF/19/INV/06: 4.75 ODP tonnes reported 1997								**(4.8)**									
Grand Total								**2,707.8**									

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Table 4a: Completed Projects - ODP Phase Out

Project Title	Region	Cntry	Sector	Mtg.	Type	No.	UNIDO Project No.	ODP Phased Out	Approved Funding (US$)	Adjustment (US$)
Phase out of CFC-11/CFC-12 by conversion to hydrocarbon technology in the manufacture of aerosols at company Saco	AFR	ALG	ARS	28	INV	41	ALG/99/115	19.00	73,691	-
Phasing out CFC-11 at La Mousse du Sud flexible polyurethane foam plant	AFR	ALG	FOA	23	INV	25	ALG/97/160	95.00	553,480	-
Phasing out of CFC-11 by conversion to methylene chloride in the manufacture of flexible polyurethane foam at Matelas Atlas (Sam Atlas)	AFR	ALG	FOA	27	INV	33	ALG/99/032	22.00	120,060	-
Phasing out of CFC-11 by conversion to methylene chloride in the manufacture of flexible polyurethane foam at King's Matelas	AFR	ALG	FOA	27	INV	34	ALG/99/031	20.00	110,179	-
Phasing out of CFC-11 by conversion of methylene chloride in the manufacture of flexible polyurethane slabstock foam at Matelas Mondial	AFR	ALG	FOA	28	INV	37	ALG/99/117	20.00	97,986	-
Phasing out of CFC-11 by conversion of methylene chloride in the manufacture of flexible polyurethane slabstock foam at Orania Mousse Ameublement (OMA)	AFR	ALG	FOA	28	INV	39	ALG/99/118	18.00	99,477	-
Workshop to raise awareness on use of methyl bromide in tobacco cultivation	AFR	BKF	FUM	34	TRA	14	BKF/01/127	-	30,000	-
Phasing out CFC-11 at Scimpos	AFR	CMR	FOA	23	INV	10	CMR/97/161	120.00	541,350	-
Phasing out CFC-11 at Sonopol	AFR	CMR	FOA	23	INV	11	CMR/97/158	130.00	506,310	-
Preparation of an investment project in the methyl bromide sector	AFR	EGY	FUM	30	PRP	77	EGY/01/112	-	25,000	-
Project preparation in the soil fumigation sector	AFR	EGY	FUM	33	PRP	82	EGY/01/053	-	30,000	-
Renewal of institutional strengthening project (phase IV)	AFR	EGY	SEV	34	INS	83	EGY/01/179	-	175,000	-
Conversion of TCA used for the formulation of degreasing and contact cleaners and crack detectors to new formulations with special hydrocarbons and heavy chlorinated ester at Sien	AFR	EGY	SOL	28	INV	79	EGY/99/086	9.00	231,435	-
Conversion of metal cleaning processes from TCA solvent to TCE degreasing at Maasara Co. for engineering industries	AFR	EGY	SOL	31	INV	80	EGY/00/110	10.70	294,950	-
Replacement of refrigerant CFC-12 with HFC-134a and foam blowing agent CFC-11 withHCFC-141b in the manufacture of commercial refrigeration at Austin-Laz & Co. Ltd	AFR	NIR	REF	29	INV	54	NIR/99/173	11.60	147,181	-
Replacement of refrigerant CFC-12 with HFC-134a, and foam flowing agent CFC-11 with HCFC-141b in the manufacture of commercial refrigeration equipment at Coldcare Nigeria Ltd.	AFR	NIR	REF	32	INV	76	NIR/01/023	11.40	173,200	-
Replacement of refrigerant CFC-12 with HFC-134a, and foam flowing agent CFC-11 with HCFC-141b in the manufacture of commercial refrigeration equipment at Akocen Nigeria Ltd.	AFR	NIR	REF	32	INV	77	NIR/01/024	12.10	157,894	-
Phasing out of CFCs at Tag Cosmetics Ltd.	AFR	SUD	ARS	28	INV	13	SUD/99/119	45.10	131,718	-
Phasing out of ODS at three small domestic refrigerator factories in Sudan (Coldair Refrigerator Factory, Modern Refrigerator + Metal furniture Co., Sheet Metal Industries Co. Refrigerator Factory)	AFR	SUD	REF	19	INV	6	SUD/96/138	7.28	100,000	-
Refrigerant management plan: training of customs officers and development of criteria for ODS and ODS consuming equipment imports	AFR	SUD	REF	28	TRA	11	SUD/99/152	-	38,250	-
Project preparation in the fumigants (tobacco) sector	AFR	ZIM	FUM	33	PRP	22	ZIM/01/065	-	30,000	-
	AFR Total							**551.18**	**3,667,161**	**-**
Preparation of investment project in the polystyrene/ polyethylene foam sector	ASP	CPR	FOA	30	PRP	337	CPR/00/020	-	50,000	-
Preparation of investment project in the rigid foam sector	ASP	CPR	FOA	30	PRP	338	CPR/00/021	-	50,000	-

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Table 4a: Completed Projects - ODP Phase Out

Project Title	Region	Cntry	Sector	Mtg.	Type	No.	UNIDO Project No.	ODP Phased Out	Approved Funding (US$)	Adjustment (US$)
Project preparation for two umbrella projects in the polystyrene/polyethylene foam sector	ASP	CPR	FOA	33	PRP	371	CPR/01/106	-	100,000	-
Tobacco sector plan for CFC-11 phase-out: 2002 workplan	ASP	CPR	OTH	36	INV	388	CPR/02/056	200.00	2,000,000	-
Replacement of CFC-11 and CFC-12 with cyclopentane and isobutane in the production of refrigerators at Moganshan Electric Appliances Co.	ASP	CPR	REF	29	INV	308	CPR/99/166	667.60	2,769,118	-
Preparation of investment project in the domestic refrigeration (hydrocarbons) sector	ASP	CPR	REF	30	PRP	339	CPR/00/051	-	30,000	-
Preparation of investment project in the refrigeration compressor subsector	ASP	CPR	REF	30	PRP	340	CPR/00/047	-	50,000	-
Preparation of investment project in the transportation refrigeration sector (foam component)	ASP	CPR	REF	30	PRP	341	CPR/00/049	-	40,000	-
Closure of ODS production plant	ASP	DRK	PRO	36	INV	17	DRK/02/045	500.00	1,344,350	-
Preparation for four projects in the solvent (CTC) sector	ASP	DRK	SOL	33	PRP	14	DRK/01/051	-	70,000	-
Preparation of investment project in the foam sector (flexible polyurethane)	ASP	IDS	FOA	27	PRP	109	INS/99/056	-	50,000	-
Project preparation in the rigid foam sector	ASP	IDS	FOA	33	PRP	122	INS/01/073	-	25,000	-
Conversion of carbon tetrachloride (CTC) as process solvent to ethylene dichloride at Svis Labs Ltd., Ranipet	ASP	IND	PAG	32	INV	284	IND/01/007	54.20	249,547	-
Conversion of carbon tetrachloride (CTC) as process solvent to ethylene dichloride at Satya Deeptha Pharmaceuticals Ltd., Humnabad	ASP	IND	PAG	32	INV	287	IND/01/008	27.90	260,133	-
Conversion of carbon tetrachloride (CTC) as process solvent to trichloromethane at Doctors Organic Chemicals Ltd., Tanuku	ASP	IND	PAG	32	INV	291	IND/01/015	94.60	288,809	-
Preparation of an investment project in the commercial refrigeration sector	ASP	IND	REF	30	PRP	248	IND/00/050	-	20,000	-
Conversion of cleaning processes from TCA and CTC to non-ODS solvent cleaning technologies (trichloroethylene and alkozypropanol) at Videocon Group (VDC)	ASP	IND	SOL	28	INV	225	IND/99/091	7.20	234,978	-
Formulation of CTC process cleaning agent project in the solvent sector	ASP	IND	SOL	31	PRP	264	IND/00/121	-	20,000	-
Conversion of carbon tetrachloride (CTC) as cleaning solvent to trichloroethylene at Blue Star Ltd., Thane	ASP	IND	SOL	31	INV	266	IND/00/131	6.60	76,027	-
Phasing out of CFC-11 from flexible slabstock foam manufacturing at Safoam Co.	ASP	IRA	FOA	22	INV	20	IRA/97/085	120.00	487,125	-
Preparation of one investment project in the rigid foam sector	ASP	IRA	FOA	34	PRP	106	IRA/01/151	-	20,000	-
Phasing out ODS at Yakh Saran Co.	ASP	IRA	REF	23	INV	26	IRA/97/199	34.00	458,663	-
Conversion from CFC-11 to HCFC-141b and CFC-12 to HFC-134a technology in the manufacture of domestic and commercial refrigeration at the Saiwan Sannat Co.	ASP	IRA	REF	29	INV	52	IRA/99/164	14.90	200,709	-
Conversion from CFC-11 to HCFC-141b and CFC-12 to HFC-134a technology in the manufacture of domestic and commercial refrigeration at the Sherkate Sanaayee Toulidy Bard Co.	ASP	IRA	REF	29	INV	53	IRA/99/161	16.40	205,529	-
Conversion from CFC-11 to HCFC-141b and CFC-12 to HFC-134a technology in the manufacture of domestic and commercial refrigeration at the Minavand Refrigeration Company	ASP	IRA	REF	29	INV	54	IRA/99/163	13.40	176,777	-
Conversion from CFC-11 to HCFC-141b and CFC-12 to HFC-134a technology in the manufacture of domestic and commercial refrigeration at the Forouzan Yakhchal Company (Forouzan Ref. Co.)	ASP	IRA	REF	29	INV	59	IRA/99/162	16.70	192,704	-
Preparation of investment projects in the commercial refrigeration sector	ASP	IRA	REF	30	PRP	61	IRA/00/061	-	30,000	-
Conversion from CFC-11 to HCFC-141b and CFC-12 to HFC-134a technology in the manufacture of domestic and commercial refrigeration at Sanayee Broudati Partou Sard Tawan (Barez-Himalia) and Sanayee Broudati Himalia (Himalia)	ASP	IRA	REF	31	INV	69	IRA/00/111	36.09	377,544	-
Strategy for the preparation of an RMP	ASP	IRA	REF	31	PRP	72	IRA/00/117	-	70,000	-
Preparation of 12 investment projects in the commercial refrigeration sector	ASP	IRA	REF	34	PRP	102	IRA/01/150	-	15,000	-

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Table 4a: Completed Projects - ODP Phase Out

Project Title	Region	Cntry	Sector	Mtg.	Type	No.	UNIDO Project No.	ODP Phased Out	Approved Funding (US$)	Adjustment (US$)
Phase-out of CFC-12 in the manufacture of hair lacquers by conversion to hydrocarbon propellant at Jordan Tunisian Chemical Company	ASP	JOR	ARS	32	INV	68	JOR/01/009	12.00	52,800	-
Refrigerant management plan: phase I: training of trainers in good refrigerant management practices; phase II: national technicians training	ASP	JOR	REF	28	TRA	47	JOR/99/143	-	70,000	-
Refrigerant management plan: customs training	ASP	JOR	REF	28	TRA	48	JOR/99/144	-	38,250	-
Preparation of investment projects in the commercial refrigeration sector	ASP	JOR	REF	30	PRP	57	JOR/00/062	-	20,000	-
Replacement of CFC-11 and CFC-12 with HCFC-141b and HFC-134a in production commercial refrigeration equipment at the medium size commercial refrigerator manufacturers (Jordan Catering Supplies, El-Shami, and Nedal Raja Al-Dwaik companies) in Jordan	ASP	JOR	REF	31	INV	65	JOR/00/112	34.72	469,525	-
Phasing out of CFC-11 by conversion to HCFC-141b and CFC-12 to HFC-134a in manufacture of commercial refrigeration equipment at Fourth Group of small size Jordanian Commercial refrigerator manufacturers	ASP	JOR	REF	31	INV	66	JOR/00/113	23.07	270,034	-
Project preparation in the commercial refrigeration (umbrella project) sector	ASP	JOR	REF	33	PRP	70	JOR/01/083	-	20,000	-
Project preparation in the solvent sector (CFC-113) sector	ASP	JOR	SOL	30	PRP	58	JOR/00/029	-	25,000	-
Phase-out of methyl bromide for soil fumigation in strawberry production (first tranche)	ASP	LEB	FUM	34	INV	44	LEB/01/184	6.00	350,000	-
Phasing out of CFC-11 by conversion to HCFC-141b and CFC-12 to HFC-134a in manufacture of commercial refrigeration at the second group of Lebanese commercial refrigeration manufacturers	ASP	LEB	REF	31	INV	36	LEB/00/114	15.66	203,191	-
Phasing out of CFC-11 by conversion to HCFC-141b and CFC-12 to HFC-134a in manufacture of commercial refrigeration at the third group of Lebanese commercial refrigerator manufacturers	ASP	LEB	REF	31	INV	39	LEB/00/115	15.80	208,498	-
Preparation of two umbrella projects in the commercial refrigeration sector	ASP	LEB	REF	33	PRP	40	LEB/01/084	-	15,000	-
Preparation of three investment projects in the rigid foam sector	ASP	MAL	FOA	31	PRP	139	MAL/00/138	-	20,000	-
Conversion of ODS cleaning and coating processes from CFC-113 to trichloroethylene and IPA at Treet Corporation Ltd., Lahore	ASP	PAK	SOL	22	INV	14	PAK/97/076	40.70	510,162	-
Phasing out of CFC-11 from flexible slabstock foam manufacturing at Akal Factory	ASP	SYR	FOA	23	INV	25	SYR/97/180	101.00	510,130	-
Support to strengthening the General Commission for Environmental Affairs to implement Montreal Protocol related activities	ASP	SYR	SEV	10	INS	3	SYR/93/148	-	235,180	-
Preparation of two projects in the commercial refrigeration sector	ASP	YEM	REF	33	PRP	7	YEM/01/105	-	20,000	-
	ASP Total							**2,058.54**	**12,999,783**	**-**
Project preparation in the flexible foam sector	EUR	BHE	FOA	30	PRP	4	BIH/00/035	-	15,000	-
Refrigerant management plan: customs training	EUR	CRO	REF	28	TRA	12	CRO/99/098	-	38,250	-
Project preparation in the soil fumigation sector	EUR	GEO	FUM	33	PRP	9	GEO/01/064	-	30,000	-
Demonstration project - three alternatives to the use of methyl bromide: non-soil cultivation, biofumigation and low dose chemicals in tobacco and horticultural production	EUR	MDN	FUM	26	DEM	9	MCD/98/084	-	259,600	-
Refrigerant management plan: recovery and recycling	EUR	MDN	REF	28	TAS	10	MCD/99/092	13.50	220,044	-
Refrigerant management plan: training for good practices in refrigeration	EUR	MDN	REF	28	TRA	11	MCD/99/093	-	70,000	-
Refrigerant management plan: training of customs officers	EUR	MDN	REF	28	TRA	15	MCD/99/094	-	37,180	-
Institutional strengthening for Montreal Protocol related activities, Phase II	EUR	MDN	SEV	30	INS	12	MCD/00/056	-	101,950	-
Refrigerant management plan: training of customs officers and development of criteria for ODS and ODS consuming equipment imports	EUR	ROM	REF	28	TRA	17	ROM/99/079	-	23,100	-

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Table 4a: Completed Projects - ODP Phase Out

Project Title	Region	Cntry	Sector	Mtg.	Type	No.	UNIDO Project No.	ODP Phased Out	Approved Funding (US$)	Adjustment (US$)
Preparation of investment project in the rigid foam sector	EUR	TUR	FOA	30	PRP	58	TUR/00/026	-	15,000	-
Project preparation in the halon sector	EUR	YUG	HAL	33	PRP	9	YUG/01/050	-	20,000	-
	EUR Total							**13.50**	**830,124**	**-**
Phase-out of CFC-11 consumption by conversion to water-blown and HCFC-141b technology at Sector Co. in the manufacture of polyurethane integral skin and flexible moulded polyurethane foam	LAC	BRA	FOA	31	INV	186	BRA/00/106	17.70	130,490	-
Project preparation for two projects in the integral skin sector	LAC	BRA	FOA	33	PRP	204	BRA/01/029	-	20,000	-
Project preparation for two projects in the rigid foam sector	LAC	BRA	FOA	33	PRP	206	BRA/01/077	-	20,000	-
Project preparation in the commercial refrigeration sector	LAC	BRA	REF	30	PRP	159	BRA/00/048	-	25,000	-
Project preparation for six projects in the commercial/domestic refrigeration sector	LAC	BRA	REF	33	PRP	203	BRA/01/028	-	25,000	-
Preparation of one investment project in the commercial refrigeration sector	LAC	BRA	REF	34	PRP	223	BRA/01/169	-	25,000	-
Demonstration project - alternatives to the use of methyl bromide in banana growing at Cenibanano	LAC	COL	FUM	26	DEM	32	COL/98/080	-	123,200	-
Demonstration project: alternatives to the use of methyl bromide: soil pasteurization (steam), non soil cultivation, solarization with biofumigation and low dose chemicals all in combination with IPM system	LAC	DOM	FUM	26	DEM	19	DOM/98/081	-	324,500	-
Project preparation for the phase out of 800 tonnes in the methyl bromide sector (melon)	LAC	GUA	FUM	29	PRP	21	GUA/00/009	-	45,000	-
Project preparation in the soil fumigation sector	LAC	HON	FUM	33	PRP	9	HON/01/026	-	30,000	-
Phasing out CFC-11 with cyclopentane and CFC-12 with HFC-134a in the manufacturing plant of commercial refrigerators of Metaplus S.A. de C.V.	LAC	MEX	REF	30	INV	90	MEX/00/025	20.10	303,094	-
Phasing out CFC-11 with HCFC-141b and CFC-12 with HFC-134a in the manufacturing plant of commercial refrigerators at Refrigeracion Duran S.A. de C.V.	LAC	MEX	REF	30	INV	91	MEX/00/024	15.10	112,985	-
Preparation of an awareness workshop on methyl bromide	LAC	PAN	FUM	36	TRA	16	PAN/02/033	-	30,000	-
Phasing out CFC-11 with HCFC-141b at Nevecor in the production of rigid P.U. panels	LAC	VEN	FOA	31	INV	84	VEN/00/101	36.40	198,374	-
Project preparation for two umbrella projects in the rigid foam sector	LAC	VEN	FOA	33	PRP	89	VEN/01/039	-	20,000	-
Preparation of investment project in the commercial refrigeration sector	LAC	VEN	REF	30	PRP	81	VEN/00/052	-	20,000	-
Preparation of investment project in the refrigeration sector (domestic/commercial)	LAC	VEN	REF	31	PRP	85	VEN/00/129	-	30,000	-
Strategy for the preparation of an RMP	LAC	VEN	REF	31	TAS	86	VEN/00/125	-	70,000	-
	LAC Total							**89.30**	**1,552,643**	**-**
	Grand Total							**2,712.52**	**19,049,711**	**-**

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Table 4b: Canceled/closed Projects

Project Title	Region	Cntry	Sector	Mtg.	Type	No.	UNIDO Project No.	ODP to be Phased Out per Proposal	ODP Phased Out	Approved Funding (US$)	Adjustment (US$)
Phasing out CFCs at Laboratoire Bendi	AFR	ALG	ARS	20	INV	18	ALG/96/192	19.20	19.20	56,790	(3,090)
Phasing out CFC-11 at Ets Leulmi Essaid flexible polyurethane foam plant	AFR	ALG	FOA	22	INV	21	ALG/97/081	-	-	61,880	(55,382)
Preparation of a phase-out project in the methyl bromide sector	AFR	KEN	FUM	30	PRP	21	KEN/00/057	-	-	30,000	(30,000)
Phasing out of CFCs at INDATEC/Industria de aplicacoes technico-domesticas Ltd.	AFR	MOZ	REF	18	INV	4	MOZ/96/009	-	-	581,515	(247,401)
Phasing out of CFCs at Tanzania Domestic Appliance Manufacturers Ltd.	AFR	URT	REF	18	INV	6	URT/96/015	-	-	592,790	-
	AFR Total							**19.20**	**19.20**	**1,322,975**	**(335,873)**
Project preparation in the aerosol sector	EUR	BHE	ARS	30	PRP	3	BIH/00/034	-	-	15,000	(15,000)
Phasing out CFC-11 at Go-Ya Sungar Ltd. Sti.	EUR	TUR	FOA	23	INV	31	TUR/97/166	-	-	533,400	(313,629)
	EUR Total							**-**	**-**	**548,400**	**(328,629)**
Phasing out of CFCs in the manufacturing plant of domestic refrigerators of Radio Victoria Catamarca, S.A.	LAC	ARG	REF	22	INV	58	ARG/97/102	-	-	599,896	(454,544)
	LAC Total							**-**	**-**	**599,896**	**(454,544)**
	Grand Total							**19.20**	**19.20**	**2,471,271**	**(1,119,046)**

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Table 4c: Non-investment Projects Completed Since Last Report

Project Title	Region	Cntry	Sector	Mtg.	Type	No.	UNIDO Project No.	Date Approved	First Disbursement Date	Date Completed (Actual)	Approved Funding (US$)	Adjustment (US$)	Funds Disbursed (US$)	Per cent of Funds Disbursed	Balance (US$)	Estimated Disbursement in Current Year (US$)
Workshop to raise awareness on use of methyl bromide in tobacco cultivation	AFR	BKF	FUM	34	TRA	14	BKF/01/127	Jul-01	Jan-02	Dec-02	30,000	-	22,467	74.89%	7,533	1
Renewal of institutional strengthening project (phase IV)	AFR	EGY	SEV	34	INS	83	EGY/01/179	Jul-01	Nov-01	Dec-02	175,000	-	110,028	62.87%	64,972	64,800
Refrigerant management plan: training of customs officers and development of criteria for ODS and ODS consuming equipment imports	AFR	SUD	REF	28	TRA	11	SUD/99/152	Jul-99	Aug-01	Oct-02	38,250	-	33,970	88.81%	4,280	4,000
	AFR Total										**243,250**	**-**	**166,465**		**76,785**	**68,801**
Strategy for the preparation of an RMP	ASP	IRA	REF	31	PRP	72	IRA/00/117	Jul-00	Apr-01	Aug-02	70,000	-	68,460	97.80%	1,540	1
Refrigerant management plan: customs training	ASP	JOR	REF	28	TRA	48	JOR/99/144	Jul-99	Dec-00	Jul-02	38,250	-	38,003	99.35%	247	1
Refrigerant management plan: phase I: training of trainers in good refrigerant management practices; phase II: national technicians training	ASP	JOR	REF	28	TRA	47	JOR/99/143	Jul-99	Jul-00	Oct-02	70,000	-	61,400	87.71%	8,600	3,500
Support to strengthening the General Commission for Environmental Affairs to implement Montreal Protocol related activities	ASP	SYR	SEV	10	INS	3	SYR/93/148	Jun-93	Apr-94	Nov-02	235,180	-	219,558	93.36%	15,622	1
	ASP Total										**413,430**	**-**	**387,421**		**26,009**	**3,503**
Refrigerant management plan: customs training	EUR	CRO	REF	28	TRA	12	CRO/99/098	Jul-99	Apr-01	Jun-02	38,250	-	30,966	80.96%	7,284	2,285
Refrigerant management plan: recovery and recycling	EUR	MDN	REF	28	TAS	10	MCD/99/092	Jul-99	Dec-99	Feb-02	220,044	-	176,103	80.03%	43,941	32,000
Refrigerant management plan: training for good practices in refrigeration	EUR	MDN	REF	28	TRA	11	MCD/99/093	Jul-99	Oct-99	Mar-02	70,000	-	63,753	91.08%	6,247	1
Refrigerant management plan: training of customs officers	EUR	MDN	REF	28	TRA	15	MCD/99/094	Jul-99	Dec-99	Mar-02	37,180	-	30,159	81.12%	7,021	2,000
Institutional strengthening for Montreal Protocol related activities, Phase II	EUR	MDN	SEV	30	INS	12	MCD/00/056	Mar-00	Jun-00	Dec-02	101,950	-	97,949	96.08%	4,001	3,200
Refrigerant management plan: training of customs officers and development of criteria for ODS and ODS consuming equipment imports	EUR	ROM	REF	28	TRA	17	ROM/99/079	Jul-99	Nov-99	Aug-02	23,100	-	21,717	94.01%	1,383	1
	EUR Total										**490,524**	**-**	**420,647**		**69,877**	**39,487**
Preparation of an awareness workshop on methyl bromide	LAC	PAN	FUM	36	TRA	16	PAN/02/033	Mar-02	May-02	Oct-02	30,000	-	19,269	64.23%	10,731	9,400
Strategy for the preparation of an RMP	LAC	VEN	REF	31	TAS	86	VEN/00/125	Jul-00	Mar-01	Dec-02	70,000	-	66,982	95.69%	3,018	2,000
	LAC Total										**100,000**	**-**	**86,251**		**13,749**	**11,400**
	Grand Total										**1,247,204**	**-**	**1,060,784**		**186,420**	**123,191**

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Table 5

Cumulative Completed Investment Projects by Region, Sector and Implementation Characteristics

Item	Number of Approvals *	Approved Funds plus Adjustment (US $)	Per Cent of Funds Disbursed	Consumption ODP Phased Out**	Production ODP Phased Out**	Average Number of Months from Approval to First Disbursement	Average Number of Months from Approval to Actual Completion	Overall Cost-Effectiveness to the Fund (US$/kg)
GRAND TOTAL	**275**	**156,811,304**	**96.64%**	**22,893.4**	**500.0**	**9.68**	**27.45**	**6.70**
Region								
Africa	82	36,715,078	97.40%	3,946.7	0.0	11.68	30.54	9.30
Asia & Pacific	132	96,601,821	96.14%	15,370.6	500.0	8.38	27.02	6.09
Europe	17	8,991,429	98.86%	2,248.0	0.0	8.29	23.53	4.00
Latin America and Caribbean	44	14,502,976	96.69%	1,328.1	0.0	10.36	24.50	10.92
Global	0	-	0.00%	0.0	0.0	0.00	0.00	n/a
Sector								
Aerosol	34	6,867,455	99.74%	3,150.2	0.0	10.38	26.29	2.18
Foam	80	30,062,671	96.88%	7,127.3	0.0	8.18	25.58	4.22
Fumigants	4	4,430,709	92.99%	139.1	0.0	9.25	30.00	31.85
Halon	1	495,592	100.00%	1,480.0	0.0	10.00	24.00	0.33
Multiple Sectors*	0	-	0.00%	0.0	0.0	0.00	0.00	n/a
Other	2	4,000,000	87.50%	290.0	0.0	5.50	10.50	13.79
Phaseout Plan	0	-	0.00%	0.0	0.0	0.00	0.00	n/a
Process Agent	3	798,489	88.76%	176.7	0.0	10.00	22.00	4.52
Production	1	1,344,350	100.00%	0.0	500.0	7.00	7.00	2.69
Refrigeration	116	100,422,544	96.63%	9,635.1	0.0	8.98	29.81	10.42
Solvents	34	8,389,494	99.69%	894.9	0.0	15.21	26.85	9.37
Sterilant	0	-	0.00%	0.0	0.0	0.00	0.00	n/a
Implementation Characteristics								
Agency Implementation	275	156,811,304	96.64%	22,893.4	500.0	9.68	27.45	6.70
National Implementation	0	-	0.00%	0.0	0.0	0.00	0.00	n/a
Time or Objective-sensitive Accounts								
Time-Sensitive	0	-	0.00%	0.0	0.0	0.00	0.00	n/a
Objective-Sensitive	275	156,811,304	96.64%	22,893.4	500.0	9.68	27.45	6.70
Disbursement Method								
During Implementation	266	152,155,712	96.56%	22,472.6	0.0	9.75	28.00	6.77
After Implementation	0	-	0.00%	0.0	0.0	0.00	0.00	n/a
Retroactive Funding	9	4,655,592	99.30%	420.8	500.0	7.56	11.22	5.06
* No funds are listed for the multiple sector investment project, but are recorded in appropriate sector.								
** Total phased out for the Fund is ____ includes ____ from completed non-investment projects and ____ from ongoing projects.								
Note: The sum of each section (Region, Sector, etc.) equals the Grand Total.								

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Table 6

Cumulative Completed Non-Investment Projects by Region, Sector and Implementation Characteristics					
Item	**Number of Approvals**	**Approved Funds plus Adjustment (US $)**	**Per Cent of Funds Disbursed**	**Average Number of Months from Approval to First Disbursement**	**Average Number of Months from Approval to Actual Completion**
GRAND TOTAL	**65**	**11,043,902**	**96.03%**	**7.17**	**30.72**
Region					
Africa	20	3,147,385	96.89%	7.60	27.90
Asia & Pacific	16	2,936,930	93.80%	7.63	35.94
Europe	17	2,527,922	94.99%	6.59	30.29
Latin America and Caribbean	10	2,260,252	98.60%	6.20	29.10
Global	2	171,413	100.00%	9.00	29.00
Sector					
Aerosol	0	0	0.00%	0.00	0.00
Foam	0	0	0.00%	0.00	0.00
Fumigants	20	5,734,764	95.50%	5.15	32.35
Halon	0	0	0.00%	0.00	0.00
Multiple Sectors	0	0	0.00%	0.00	0.00
Other	1	76,499	100.00%	7.00	38.00
Process Agent	0	0	0.00%	0.00	0.00
Production	0	0	0.00%	0.00	0.00
Refrigeration	29	3,358,590	97.15%	8.66	28.45
Several	15	1,874,049	95.49%	7.00	32.47
Solvents	0	0	0.00%	0.00	0.00
Sterilant	0	0	0.00%	0.00	0.00
Implementation Characteristics					
Agency Implementation	65	11,043,902	96.03%	7.17	30.72
National Implementation	0	0	0.00%	0.00	0.00
Time or Objective-sensitive Accounts					
Time-Sensitive	6	1,103,917	98.22%	7.50	50.50
Objective-Sensitive	59	9,939,985	95.79%	7.14	28.71
Disbursement Method					
During Implementation	65	11,043,902	96.03%	7.17	30.72
After Implementation	0	0	0.00%	0.00	0.00
Retroactive Funding	0	0	0.00%	0.00	0.00

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Table 7

Cumulative Ongoing Investment Projects by Region, Sector and Implementation Characteristics					
Item	**Number of Approvals**	**Approved Funds plus Adjustment (US$)**	**Per Cent of Funds Disbursed**	**Average Number of Months from Approval to First Disbursement**	**Average Number of Months from Approval to Estimated Completion**
GRAND TOTAL	**162**	**98,216,749**	**38.52%**	**8.72**	**36.14**
Region					
Africa	23	11,539,329	36.59%	8.43	39.90
Asia & Pacific	100	65,492,046	42.07%	8.89	34.41
Europe	15	6,268,395	36.24%	8.00	33.93
Latin America and Caribbean	24	14,916,979	25.35%	8.75	42.00
Global	0	0	0.00%	0.00	0.00
Sector					
Aerosol	8	982,977	33.00%	11.00	32.50
Foam	40	33,214,040	44.71%	11.03	36.95
Fumigants	16	19,818,496	17.68%	8.08	50.13
Halon	1	249,700	3.21%	3.00	24.00
Multiple Sectors	0	0	0.00%	0.00	0.00
Other	0	0	0.00%	0.00	0.00
Phaseout Plan	2	1,092,386	0.00%	0.00	28.00
Process Agent	8	1,954,589	8.91%	10.86	30.13
Production	0	0	0.00%	0.00	0.00
Refrigeration	74	33,423,071	54.50%	7.23	35.58
Solvents	13	7,481,490	10.06%	10.17	27.62
Sterilant	0	0	0.00%	0.00	0.00
Implementation Characteristics					
Agency Implementation	162	98,216,749	38.52%	8.72	36.14
National Implementation	0	0	0.00%	0.00	0.00
Time or Objective-sensitive Accounts					
Time-Sensitive	0	0	0.00%	0.00	0.00
Objective-Sensitive	162	98,216,749	38.52%	8.72	36.14
Disbursement Method					
During Implementation	161	97,849,945	38.61%	8.70	36.19
After Implementation	0	0	0.00%	0.00	0.00
Retroactive Funding	1	366,804	13.82%	11.00	27.00

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Table 8

Cumulative Ongoing Non-Investment Projects by Region, Sector and Implementation Characteristics

Item	Number of Approvals	Approved Funds plus Adjustment (US$)	Per Cent of Funds Disbursed	Average Number of Months from Approval to First Disbursement	Average Number of Months from Approval to Estimated Completion
GRAND TOTAL	**46**	**8,940,910**	**34.77%**	**11.67**	**43.28**
Region					
Africa	12	2,150,782	43.61%	11.60	44.08
Asia & Pacific	16	2,759,896	37.51%	12.62	45.44
Europe	8	906,893	38.78%	12.00	48.88
Latin America and Caribbean	9	1,623,339	48.28%	9.33	36.78
Global	1	1,500,000	0.00%	0.00	13.00
Sector					
Aerosol	0	0	0.00%	0.00	0.00
Foam	0	0	0.00%	0.00	0.00
Fumigants	9	2,407,830	60.81%	6.86	52.33
Halon	2	50,000	41.65%	7.50	24.00
Multiple Sectors	0	0	0.00%	0.00	0.00
Other	0	0	0.00%	0.00	0.00
Phaseout Plan	0	0	0.00%	0.00	0.00
Process Agent	0	0	0.00%	0.00	0.00
Production	1	38,000	0.00%	0.00	7.00
Refrigeration	21	3,512,898	34.05%	11.94	43.19
Several	13	2,932,182	14.57%	15.40	42.92
Solvents	0	0	0.00%	0.00	0.00
Sterilant	0	0	0.00%	0.00	0.00
Implementation Characteristics					
Agency Implementation	46	8,940,910	34.77%	11.67	43.28
National Implementation	0	0	0.00%	0.00	0.00
Time or Objective-sensitive Accounts					
Time-Sensitive	10	1,332,182	30.18%	16.22	51.60
Objective-Sensitive	36	7,608,728	35.57%	10.15	40.97
Disbursement Method					
During Implementation	46	8,940,910	34.77%	11.67	43.28
After Implementation	0	0	0.00%	0.00	0.00
Retroactive Funding	0	0	0.00%	0.00	0.00

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Table 9: Active Project Preparation Accounts

Region	Cntry	Sector	Mtg.	Type	No.	Project Title	UNIDO Project No.	First Disbursement Date	Approved Funding (US$)	Adjustment (US$)	Disbursement To Date	Per cent of Funds Disbursed	Balance	Estimated Disbursement in Current Year (US$)
AFR	ALG	ARS	36	PRP	52	Preparation of 8 investment projects in the aerosol sector	ALG/02/055		25,000	-	-	0.0%	25,000	
AFR	ALG	FUM	34	PRP	50	Project preparation to replace methyl bromide in fumigation of dates in ten units	ALG/01/128	Sep-01	25,000	-	6,782	27.1%	18,218	15,000
AFR	ALG	REF	36	PRP	53	Preparation of a refrigeration sectoral phase-out plan	ALG/02/002	Aug-02	50,000	-	17,310	34.6%	32,690	10,000
AFR	EGY	PHA	36	PRP	85	Preparation of a national ODS phase-out plan	EGY/02/007	Apr-02	75,000	-	5,138	6.9%	69,862	4,600
AFR	EGY	SOL	30	PRP	78	Project preparation in the solvent sector (TCA)	EGY/00/030	Dec-00	15,000	-	9,159	61.1%	5,841	5,000
AFR	LIB	REF	30	PRP	2	Preparation of investment project in the Refrigeration sector	LIB/00/038	Oct-00	20,000	-	12,670	63.4%	7,330	7,000
AFR	LIB	REF	33	PRP	11	Project preparation in the commercial refrigeration sector	LIB/01/074		15,000	-	-	0.0%	15,000	-
AFR	LIB	REF	36	PRP	20	Preparation of an investment project in the commercial refrigeration sector	LIB/02/050		20,000	-	-	0.0%	20,000	15,000
AFR	LIB	SEV	38	PRP	21	National phase-out plan	LIB/02/155		40,000	-	-	0.0%	40,000	30,000
AFR	NIR	SOL	36	PRP	101	Preparation of a sectoral phase-out plan in solvents	NIR/02/048	Sep-02	70,000	-	17,750	25.4%	52,250	49,383
AFR	TUN	FUM	33	PRP	41	Project preparation in the fumigants (dates) sector	TUN/01/055	Jun-02	25,000	-	4,449	17.8%	20,551	12,000
AFR Total									**380,000**	-	**73,258**		**306,742**	**147,983**
ASP	CPR	FUM	36	PRP	386	Preparation of a sectoral strategy in the methyl bromide sector	CPR/02/039	Dec-02	100,000	-	20,000	20.0%	80,000	65,000
ASP	CPR	REF	36	PRP	385	Preparation of a sectoral phase-out plan in domestic refrigeration and compressor manufacturing	CPR/02/008	May-02	70,000	-	35,408	50.6%	34,592	15,000
ASP	IDS	FUM	36	PRP	139	Preparation of a phase-out project in the fumigant (methyl bromide) sector in TPO-grain fumigation	INS/02/058	Jul-02	40,000	-	12,512	31.3%	27,488	20,000
ASP	IDS	PAG	36	PRP	140	Preparation of a sector phase-out plan in process agents sector	INS/02/066	Sep-02	60,000	-	14,328	23.9%	45,672	10,000
ASP	IND	PAG	33	PRP	302	Project preparation in the process agent (pharmaceutical) sector	IND/01/036	Jun-01	70,000	-	37,267	53.2%	32,733	20,000
ASP	IND	REF	36	PRP	346	Preparation of an umbrella investment project in the commercial refrigeration sector	IND/02/035	Aug-02	30,000	-	95	0.3%	29,905	15,000
ASP	IND	SOL	31	PRP	265	Preparation of investment projects for SMEs in the solvent sector	IND/00/119	Sep-00	30,000	-	26,853	89.5%	3,147	3,000
ASP	IND	SOL	36	PRP	347	Preparation of an investment project in the solvent (CFC-113) sector	IND/02/014	Jun-02	30,000	-	15,664	52.2%	14,336	14,000
ASP	IRA	FOA	36	PRP	148	Formulation of two umbrella investment projects in the rigid and flexible foam sector	IRA/02/037	Nov-02	35,000	-	3,387	9.7%	31,613	25,000
ASP	IRA	FUM	33	PRP	78	Project preparation in soil fumigation	IRA/01/054	Sep-01	25,000	-	5,147	20.6%	19,853	-
ASP	IRA	REF	36	PRP	146	Preparation of 3 umbrella investment projects in the commercial and domestic refrigeration sector	IRA/02/003	May-02	30,000	-	6,300	21.0%	23,700	20,000
ASP	IRA	SOL	33	PRP	80	Project preparation in the solvent (CTC) sector	IRA/01/068	Aug-01	20,000	-	3,491	17.5%	16,509	8,000
ASP	LEB	REF	36	PRP	47	Preparation of 2 umbrella investment projects in the commercial refrigeration sector	LEB/02/036		15,000	-	-	0.0%	15,000	-
ASP	PAK	REF	27	PRP	32	Preparation of refrigerant management plan	PAK/99/061	Mar-00	30,000	-	27,750	92.5%	2,250	2,250
ASP	PAK	SOL	33	PRP	41	Project preparation for four projects in the solvent (CTC) sector	PAK/01/069	Sep-01	30,000	-	9,941	33.1%	20,059	15,000
ASP	PAK	SOL	36	PRP	45	Preparation of two projects in the solvents sector	PAK/02/061	Jun-02	20,000	-	9,183	45.9%	10,817	10,817

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Table 9: Active Project Preparation Accounts

Region	Cntry	Sector	Mtg.	Type	No.	Project Title	UNIDO Project No.	First Disbursement Date	Approved Funding (US$)	Adjustment (US$)	Disbursement To Date	Per cent of Funds Disbursed	Balance	Estimated Disbursement in Current Year (US$)
ASP	SYR	FOA	36	PRP	82	Preparation of an investment project in the extruded polystyrene foam sector	SYR/02/023	Jul-02	15,000	-	401	2.7%	14,599	8,000
ASP	SYR	PHA	36	PRP	85	Preparation of a national ODS phase-out plan	SYR/02/024	Oct-02	60,000	-	2,146	3.6%	57,854	-
ASP	SYR	REF	36	PRP	83	Preparation of an investment project in the domestic refrigeration sector	SYR/02/067		15,000	-	-	0.0%	15,000	-
ASP	YEM	REF	36	PRP	14	Preparation of a terminal investment project in commercial refrigeration sector	YEM/02/004		10,000	-	-	0.0%	10,000	-
ASP Total									**735,000**	-	**229,873**		**505,127**	**251,067**
EUR	ALB	PHA	36	PRP	3	Preparation of a national ODS phase-out plan	ALB/02/038	Jun-02	40,000	-	14,233	35.6%	25,767	10,000
EUR	BHE	FOA	34	PRP	7	Preparation of two investment projects in the flexible foam sector	BIH/01/163	Aug-02	15,000	-	3,237	21.6%	11,763	10,000
EUR	BHE	FOA	36	PRP	12	Preparation of an investment project in the rigid foam sector	BIH/02/063		15,000	-	-	0.0%	15,000	15,000
EUR	BHE	PHA	36	PRP	13	Preparation of a national ODS phase-out plan	BIH/02/016	Sep-02	80,000	-	2,766	3.5%	77,234	60,000
EUR	BHE	REF	33	PRP	5	Project preparation in the commercial/ domestic refrigeration sector	BIH/01/071	Aug-01	15,000	-	3,490	23.3%	11,510	11,510
EUR	BHE	REF	33	PRP	6	Project preparation in the commercial refrigeration sector	BIH/01/072	Aug-01	15,000	-	4,106	27.4%	10,894	10,894
EUR	BHE	REF	36	PRP	11	Preparation of two investment projects in the commercial refrigeration sector	BIH/02/049	Oct-02	15,000	-	406	2.7%	14,594	12,784
EUR	TUR	SOL	36	PRP	78	Preparation of a sectoral phase-out project in the solvents sector	TUR/02/062		50,000	-	-	0.0%	50,000	20,000
EUR	YUG	FOA	34	PRP	10	Preparation of one investment project in the flexible foam sector	YUG/01/165	Oct-01	15,000	-	9,882	65.9%	5,118	5,000
EUR	YUG	FOA	34	PRP	11	Preparation of one investment project in the rigid foam sector	YUG/01/161	Oct-01	15,000	-	770	5.1%	14,230	14,000
EUR	YUG	REF	36	PRP	17	Preparation of an umbrella investment project in the commercial refrigeration sector	YUG/02/015	May-02	20,000	-	3,101	15.5%	16,899	16,212
EUR Total									**295,000**	-	**41,991**		**253,009**	**185,400**
LAC	ARG	FOA	33	PRP	118	Project preparation in the rigid foam sector	ARG/01/079	Jun-01	35,000	-	25,320	72.3%	9,680	7,000
LAC	ARG	REF	36	PRP	127	Preparation of a refrigerant management plan	ARG/02/020	Nov-02	100,000	-	9,003	9.0%	90,997	40,000
LAC	ARG	REF	36	PRP	124	Preparation of umbrella project in the commercial refrigeration sector	ARG/01/231	Dec-02	25,000	-	210	0.8%	24,790	5,000
LAC	ARG	SOL	36	PRP	125	Preparation of an investment project in the solvents sector (CFC-113 and TCA)	ARG/02/032	Dec-02	40,000	-	2,924	7.3%	37,076	25,000
LAC	BRA	SOL	33	PRP	205	Project preparation for four projects in the solvents (CTC) sector	BRA/01/067	Jun-01	30,000	-	3,183	10.6%	26,817	-
LAC	DOM	FUM	36	PRP	30	Preparation of a phase-out project in the fumigants (methyl bromide) sector for TPO-soil fumigation	DOM/02/030	May-02	30,000	-	17,493	58.3%	12,507	12,000
LAC	MEX	REF	33	PRP	100	Preparation of two projects in the commercial refrigeration sector	MEX/01/080	Jun-01	50,000	-	34,225	68.5%	15,775	12,000
LAC	MEX	REF	36	PRP	107	Preparation of a sectoral phase-out plan in refrigeration	MEX/02/022	Nov-02	30,000	-	3,223	10.7%	26,777	15,000
LAC	MEX	SOL	36	PRP	108	Preparation of a sectoral phase-out plan in the solvents sector	MEX/02/060		70,000	-	-	0.0%	70,000	-
LAC	NIC	FUM	34	PRP	7	Preparation of a project for the phase-out of methyl bromide soil fumigation	NIC/01/129	Sep-01	30,000	-	2,118	7.1%	27,882	7,000
LAC	VEN	PHA	36	PRP	93	Preparation of a national ODS phase-out plan	VEN/01/232	Mar-02	95,000	-	54,406	57.3%	40,594	40,500
LAC Total									**535,000**	-	**152,105**		**382,895**	**163,500**
Grand Total									**1,945,000**	-	**497,227**		**1,447,773**	**747,950**

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Table 10a: Completed projects with balances returned to the Multilateral Fund during the reporting year

Project Title	Remarks	Approved Funding (US$)	Adjustment (US$)*	Funds Disbursed	Per Cent of Funds Disbursed	Balance Credited to the MF account (US$)**	Region	Cntry.	Sector	Mtg.	Type	No.	UNIDO Project Number	ODP to be phased out	Date Approved	First Disbursement Date	Date of Completion per Proposal
Phasing out of CFCs at Entreprise Nationale des Detergents (ENAD)	Financial completion in May 2002. Refund was reported to 37th ExCom, July 2002. FIN.	614,850	-	614,499	100%	(351)	AFR	ALG	ARS	18	INV	12	ALG/96/005	150.00	Nov-95	Jul-96	May-97
Phasing out CFCs at Laboratoire Bendi	Financial completion in May 2002. Project cancellation agreed by Dec. 37/8 (g) in July 2002. Refund was reported to 38th ExCom, Nov 2002. CLO.	56,790	-	53,700	100%	(3,090)	AFR	ALG	ARS	20	INV	18	ALG/96/192	19.20	Oct-96	Oct-97	Oct-97
Replacement of CFC-11 and CFC-12 with hydrocarbons in the aerosol sector at Ets Djadir	Financial completion in Aug 2002. Refund was reported to 38th ExCom, Nov 2002. FIN.	147,807	-	147,257	100%	(550)	AFR	ALG	ARS	25	INV	28	ALG/98/042	38.40	Jul-98	Nov-99	Aug-99
Project preparation in the aerosol sector	FIN. Refund reported to 36th ExCom, Mar 2002.	15,000	-	14,379	100%	(621)	AFR	ALG	ARS	27	PRP	36	ALG/99/047	-	Mar-99	May-99	Dec-99
Phase out of CFC11/CFC12 by conversion to hydrocarbons technology in the manufacture of aerosols at Floreal	Financial completion in Sep 2002. Refund was reported to 38th ExCom, Nov 2002. FIN.	77,145	-	76,945	100%	(200)	AFR	ALG	ARS	28	INV	38	ALG/99/116	18.10	Jul-99	May-00	Aug-00
Phasing out CFC-11 at Ets Leulmi Essaid flexible polyurethane foam plant	ExCom noted the project cancellation by mutual agreement (Decision 37/8 (g)) in July 2002. Financial completion in Sep 2002. Refund was reported to 38th ExCom, Nov 2002. CLO.	61,880	-	6,498	100%	(55,382)	AFR	ALG	FOA	22	INV	21	ALG/97/081	28.00	May-97	Jun-97	Jun-98
Phasing out CFC-11 at Snam flexible polyurethane foam plant	Financial completion in Aug 2002. Refund was reported to 38th ExCom, Nov 2002. FIN.	88,360	-	87,813	100%	(547)	AFR	ALG	FOA	22	INV	22	ALG/97/080	32.00	May-97	Nov-97	Jun-98
Phasing out CFC-11 at Sammo flexible polyurethane foam plant	Financial completion in Aug 2002. Refund was reported to 38th ExCom, Nov 2002. FIN.	98,770	-	97,205	100%	(1,565)	AFR	ALG	FOA	22	INV	23	ALG/97/082	24.00	May-97	Oct-97	Jun-98
Phase out of CFC-11 in the manufacture of flexible polyurethane foam through the use of methylene chloride technology at Ets. Matelas Djurdjura	Financial completion in Sep 2002. Refund was reported to 38th ExCom, Nov 2002. FIN.	82,608	-	81,725	100%	(883)	AFR	ALG	FOA	25	INV	27	ALG/98/044	28.00	Jul-98	Dec-98	Aug-99
Phase out of CFC-11 in the manufacture of flexible polyurethane foam through the use of methylene chloride technology at Ets. Maghreb Mousse	Financial completion in Sep 2002. Refund was reported to 38th ExCom, Nov 2002. FIN.	96,492	-	95,840	100%	(652)	AFR	ALG	FOA	26	INV	29	ALG/98/093	24.00	Nov-98	Feb-99	Dec-99
Investment project for phasing out CFCs at Entreprise Nationale des Industries de l'Electromenager, ENIEM	Financial completion in Sep 2002. Refund was reported to 38th ExCom, Nov 2002. FIN.	6,589,550	-	6,496,317	100%	(93,233)	AFR	ALG	REF	15	INV	9	ALG/95/025	425.00	Dec-94	Dec-95	Jun-96
Project formulation for establishment of a National Centre for recovery and recycling CFC-11, CFC-12 and CFC-502	FIN. Refund reported to 36th ExCom, Mar 2002.	25,000	-	16,719	100%	(8,280)	AFR	ALG	REF	15	PRP	7	ALG/95/028	-	Dec-94	Nov-98	Jun-95
Replacement of CFC-12 with HFC-134a for domestic refrigeration at Enapem	Financial completion in May 2002. Refund was reported to 37th ExCom, July 2002. FIN.	167,332	-	164,181	100%	(3,151)	AFR	ALG	REF	26	INV	30	ALG/98/094	12.80	Nov-98	Jun-99	Dec-99
Project preparation in the commercial refrigeration sector (commercial)	FIN. Refund reported to 36th ExCom, Mar 2002.	15,000	-	3,015	100%	(11,985)	AFR	ALG	REF	27	PRP	35	ALG/99/131	-	Mar-99	Oct-00	Dec-99
Project formulation of investment projects in the aerosol, foam and refrigeration sectors	Financial completion in Sep 2002. Refund was reported to 38th ExCom, Nov 2002. FIN.	50,000	-	47,235	100%	(2,765)	AFR	ALG	SEV	21	PRP	20	ALG/97/040	-	Feb-97	May-97	Aug-97
Preparation of refrigerant management plan	FIN. Refund reported to 37th ExCom, Jul 2002.	30,000	-	29,888	100%	(112)	AFR	CMR	REF	24	PRP	12	CMR/98/021	-	Mar-98	Feb-99	Apr-99
Institutional strengthening project for the Montreal Protocol related activities (Phase II)	FIN. Funds ($43,900) reported to 38th ExCom, Nov 2002.	43,900	-	175,630	100%	(43,900)	AFR	EGY	SEV	21	INS	61	EGY/96/048	-	Feb-97	Mar-97	Feb-99
Project formulation of investment projects in the foam sector	Financial completion in May 2002. Refund was reported to 37th ExCom, July 2002. FIN.	20,000	-	11,000	100%	(9,000)	AFR	GUI	FOA	21	PRP	4	GUI/97/035	-	Feb-97	Sep-97	Aug-97
Phasing out CFCs at Sicobel	Financial completion in Sep 2002. Refund was reported to 38th ExCom, Nov 2002. FIN.	59,171	-	58,625	100%	(546)	AFR	IVC	ARS	20	INV	8	IVC/96/188	20.80	Oct-96	Jun-97	Oct-97
Phase out CFCs at Aesthetics Ltd.	Financial completion in Aug 2002. Refund was reported to 38th ExCom, Nov 2002. FIN.	55,000	-	54,992	100%	(8)	AFR	KEN	ARS	19	INV	10	KEN/96/124	107.00	May-96	Dec-97	Nov-97
Phasing out CFCs at Mirage Industries Ltd.	Financial completion in Aug 2002. Refund was reported to 38th ExCom, Nov 2002. FIN.	47,250	-	46,805	100%	(445)	AFR	KEN	ARS	19	INV	11	KEN/96/125	51.00	May-96	Aug-97	Nov-97

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Table 10a: Completed projects with balances returned to the Multilateral Fund during the reporting year

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Preparation of a phase-out project in the methyl bromide sector	Project cancellation agreed by Dec. 36/14 (e) in March 2002. Financial completion in May 2002. ExCom noted the project cancellation by mutual agreement (Decision 37/8 (g)) in July 2002. Refund reported to 37th ExCom, Jul 2002. CLO.	30,000	-	-	0%	(30,000)	AFR	KEN	FUM	30	PRP	21	KEN/00/057	-	Mar-00		Apr-01
Conversion of ODS cleaning processes from TCA to aqueous cleaning and cleaning in TCE at Kenyan Railways Central Workshop	Financial completion in Sep 2002. Refund was reported to 38th ExCom, Nov 2002. FIN.	205,524	-	205,523	100%	(1)	AFR	KEN	SOL	23	INV	14	KEN/97/179	6.00	Nov-97	Aug-98	Dec-98
Preparation of country programme	Financial completion in Sep 2002. Refund was reported to 38th ExCom, Nov 2002. FIN.	80,000	-	76,439	100%	(3,561)	AFR	LIB	SEV	27	CPG	1	LIB/99/037	-	Mar-99	Oct-99	Dec-99
Preparation of investment project in the aerosol sector	FIN. Refund reported to 36th ExCom, Mar 2002.	20,000	-	12,042	100%	(7,958)	AFR	MOR	ARS	27	PRP	31	MOR/99/039	-	Mar-99	Oct-99	Dec-99
Demonstration project - four alternatives to the use of methyl bromide: steam pasteurization, non-soil cultivation, solarization and low-dose chemicals in combination with an integrated pesticide management system	Financial completion in Aug 2002. Refund was reported to 38th ExCom, Nov 2002. FIN.	487,300	-	479,301	100%	(7,999)	AFR	MOR	FUM	22	DEM	11	MOR/97/126	-	May-97	Oct-97	Jun-99
Preparation of investment project in the fumigants/methyl bromide sector (bananas)	Financial completion in May 2002. Refund was reported to 37th ExCom, July 2002. FIN.	15,000	-	14,495	100%	(505)	AFR	MOR	FUM	27	PRP	28	MOR/99/026	-	Mar-99	Jun-99	Dec-99
Preparation of investment project in the fumigants/methyl bromide sector (flowers)	Financial completion in May 2002. Refund was reported to 37th ExCom, July 2002. FIN.	15,000	-	14,828	100%	(172)	AFR	MOR	FUM	27	PRP	29	MOR/99/027	-	Mar-99	Jun-99	Dec-99
Preparation of phase-out project in the methyl bromide sector	Financial completion in Sep 2002. Refund was reported to 38th ExCom, Nov 2002. FIN.	30,000	-	29,693	100%	(307)	AFR	MOR	FUM	30	PRP	39	MOR/00/040	-	Mar-00	Jun-00	Apr-01
Replacement of CFC-12 with HFC-134a for commercial refrigeration at Alom du Nord	Financial completion in Sep 2002. Refund was reported to 38th ExCom, Nov 2002. FIN.	99,402	-	86,477	100%	(12,925)	AFR	MOR	REF	25	INV	24	MOR/98/050	7.70	Jul-98	Mar-99	Aug-99
Replacement of CFC-12 with HFC-134a for commercial refrigeration at Batinox	Financial completion in Sep 2002. Refund was reported to 38th ExCom, Nov 2002. FIN.	32,920	-	32,527	100%	(393)	AFR	MOR	REF	25	INV	25	MOR/98/049	4.50	Jul-98	Mar-99	Aug-99
Replacement of CFC-12 with HFC-134a for commercial refrigeration at Smifam	Financial completion in Sep 2002. Refund was reported to 38th ExCom, Nov 2002. FIN.	62,447	-	60,085	100%	(2,362)	AFR	MOR	REF	26	INV	27	MOR/98/096	4.90	Nov-98	Mar-99	Dec-99
Preparation of investment project in the commercial refrigeration sector	FIN. Refund reported to 37th ExCom, Jul 2002.	7,000	-	5,474	100%	(1,526)	AFR	MOR	REF	27	PRP	30	MOR/99/137	-	Mar-99	Sep-00	Dec-99
Phasing out of CFCs at INDATEC/Industria de aplicacoes technico-domesticas Ltd.	Financial completion in Apr 2002. ExCom noted the project cancellation by mutual agreement (Decision 37/8 (g)) in July 2002. Refund was reported to 38th ExCom, Nov 2002. CLO.	581,515	-	334,114	100%	(247,401)	AFR	MOZ	REF	18	INV	4	MOZ/96/009	-	Nov-95	Jun-96	Mar-97
Preparation of investment project in the aerosols sector	FIN. Refund reported to 36th ExCom, Mar 2002.	25,000	-	15,709	100%	(9,291)	AFR	NIR	ARS	30	PRP	61	NIR/00/042	-	Mar-00	May-00	Apr-01
Preparation of investment project in the commercial refrigeration sector	Financial completion in Sep 2002. Refund was reported to 38th ExCom, Nov 2002. FIN.	25,000	-	22,752	100%	(2,248)	AFR	NIR	REF	30	PRP	62	NIR/00/041	-	Mar-00	Jul-00	Apr-01
Preparation of investment project in the aerosol sector	Financial completion in May 2002. Refund was reported to 37th ExCom, July 2002. FIN.	25,000	-	17,579	100%	(7,421)	AFR	SUD	ARS	27	PRP	8	SUD/99/036	-	Mar-99	May-99	Dec-99
Umbrella project to phase out ODS at the six small refrigerator manufacturers	FIN. Refund reported to 36th ExCom, Mar 2002.	764,557	-	639,346	100%	(125,211)	AFR	TUN	REF	19	INV	17	TUN/96/104	78.50	May-96	Dec-96	May-97
Demonstration project - Two alternatives to the use of methyl bromide in the production of tobacco drought-resistant seedlings: non-soil cultivation and low-dose chemicals	Financial completion in Sep 2002. Refund was reported to 38th ExCom, Nov 2002. FIN.	370,700	-	352,738	100%	(17,962)	AFR	ZIM	FUM	23	DEM	13	ZIM/97/182	-	Nov-97	Jun-98	Nov-99
Preparation of a phase-out project in the methyl bromide sector (cut flowers)	Financial completion in Sep 2002. Refund was reported to 38th ExCom, Nov 2002. FIN.	30,000	-	29,383	100%	(617)	AFR	ZIM	FUM	30	PRP	18	ZIM/00/032	-	Mar-00	Jun-00	Apr-01
		11,348,270	**-**	**10,808,773**		**(715,126)**	**AFR Total**							1,079.90			
Elimination of CFC-12 in manufacturing of EPE foam packaging nets at 25 enterprises (umbrella project)	Financial completion in Sep 2002. Refund was reported to 38th ExCom, Nov 2002. FIN.	4,488,516	-	4,485,892	100%	(2,624)	ASP	CPR	FOA	25	INV	248	CPR/98/054	1,146.00	Jul-98	Dec-98	Jan-00

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Table 10a: Completed projects with balances returned to the Multilateral Fund during the reporting year

Project Title	Remarks	Approved Funding (US$)	Adjustment (US$)*	Funds Disbursed	Per Cent of Funds Disbursed	Balance Credited to the MF account (US$)**	Region	Cntry.	Sector	Mtg.	Type	No.	UNIDO Project Number	ODP to be phased out	Date Approved	First Disbursement Date	Date of Completion per Proposal
Preparation of investment project in the foam sector (rigid polyurethane)	Financial completion in Sep 2002. Refund was reported to 38th ExCom, Nov 2002. FIN.	50,000	-	49,307	100%	(693)	ASP	CPR	FOA	27	PRP	283	CPR/99/018	-	Mar-99	Sep-99	Dec-99
Demonstration project on alternatives to the use of methyl bromide in soil fumigation	FIN. Refund ($14) reported to 36th ExCom, Mar 2002.	443,300	(14,609)	428,677	100%	(14)	ASP	CPR	FUM	22	DEM	201	CPR/97/125	-	May-97	Sep-97	Jun-99
Formulation of investment projects in the tobacco sector	Financial completion in June 2002. Refund was reported to 37th ExCom, July 2002. FIN.	50,000	-	48,690	100%	(1,310)	ASP	CPR	OTH	18	PRP	144	CPR/96/053	-	Nov-95	Mar-97	Nov-96
Preparation of a sectoral strategy in the tobacco sector	FIN. Refund ($19) reported to 36th ExCom, Mar 2002.	200,000	(8,307)	191,674	100%	(19)	ASP	CPR	OTH	24	PRP	237	CPR/98/167	-	Mar-98	Sep-98	Apr-99
Phasing out ODS at Hangzhou Huari Refrigerator Co.	Financial completion in Sep 2002. Refund was reported to 38th ExCom, Nov 2002. FIN.	2,827,911	-	2,809,566	100%	(18,345)	ASP	CPR	REF	18	INV	147	CPR/96/042	338.00	Nov-95	Dec-96	Nov-97
Phasing out ODS at the compressor factory of the Huangshi Dongbei Refrigeration Co.	Financial completion in May 2002. Refund was reported to 37th ExCom, July 2002. FIN.	899,030	-	898,776	100%	(254)	ASP	CPR	REF	19	INV	165	CPR/96/087	60.00	May-96	Dec-96	May-98
Phasing out ODS at the refrigerator plant of Aucma Electric Appliances Group Co.	Financial completion in Jul 2002. Refund was reported to 38th ExCom, Nov 2002. FIN.	2,914,904	-	2,913,427	100%	(1,477)	ASP	CPR	REF	20	INV	173	CPR/96/184	708.00	Oct-96	May-97	Oct-98
Phasing out ODS at the Household Refrigerator Compressor Factory of the Guangzhou Wanbao Compressor Group	Financial completion in Sep 2002. Refund was reported to 38th ExCom, Nov 2002. FIN.	2,250,000	-	2,249,734	100%	(266)	ASP	CPR	REF	20	INV	185	CPR/96/185	3.00	Oct-96	Apr-97	Oct-99
Phasing out ODS at the refrigeration plant of Hefei Meiling	Financial completion in Sep 2002. Refund was reported to 38th ExCom, Nov 2002. FIN.	3,247,877	-	3,198,205	100%	(49,672)	ASP	CPR	REF	22	INV	196	CPR/97/078	849.00	May-97	Oct-97	Jun-99
Phasing out ODS at the refrigerator plant of Zerowatt Electric Appliances Group	Financial completion in Sep 2002. Refund was reported to 38th ExCom, Nov 2002. FIN.	2,394,178	-	2,379,712	100%	(14,466)	ASP	CPR	REF	22	INV	207	CPR/97/091	423.00	May-97	Oct-97	Jun-99
Phasing out ODS at the Yuhuan Compressor Factory in Kanmen Town in Yuhuan County, South East China	Financial completion in Sep 2002. Refund was reported to 38th ExCom, Nov 2002. FIN.	1,465,155	-	1,453,661	100%	(11,494)	ASP	CPR	REF	23	INV	219	CPR/97/202	116.00	Nov-97	Oct-98	Dec-99
Phasing out ODS at the refrigerator plant of Zhejiang Rongsheng Electric Co. Ltd., Zhejiang, Deqing Country	Financial completion in Sep 2002. Refund was reported to 38th ExCom, Nov 2002. FIN.	1,053,910	-	984,538	100%	(69,372)	ASP	CPR	REF	23	INV	220	CPR/97/195	177.80	Nov-97	Jul-98	Dec-99
Phasing out ODS at the Changshu Refrigerating Equipment Works (Baixue), Changsu	Financial completion in Sep 2002. Refund was reported to 38th ExCom, Nov 2002. FIN.	3,548,775	-	3,022,021	100%	(526,754)	ASP	CPR	REF	23	INV	221	CPR/97/183	425.70	Nov-97	Jun-98	Dec-99
Phasing out ODS at the freezer plant of Xing Xing Electric Appliances Industrial Co.	Financial completion in Apr 2002. Refund was reported to 37th ExCom, July 2002. FIN.	3,346,941	-	3,007,728	100%	(339,213)	ASP	CPR	REF	23	INV	223	CPR/97/194	348.00	Nov-97	Sep-98	Dec-99
Phasing out ODS at the refrigerator plant of Hefei Hualing Electronic Co., Ltd.	Financial completion in Sep 2002. Refund was reported to 38th ExCom, Nov 2002. FIN.	785,984	-	776,487	100%	(9,497)	ASP	CPR	REF	25	INV	253	CPR/98/047	82.80	Jul-98	Dec-98	Aug-00
Replacement of CFC-11 with HCFC-141b foam blowing agent and CFC-12 with HFC-134a in the manufacture of domestic refrigerators/ freezers at the Beijing Freezing Equipment Factory.	Financial completion in Sep 2002. Refund was reported to 38th ExCom, Nov 2002. FIN.	280,901	-	272,215	100%	(8,686)	ASP	CPR	REF	26	INV	259	CPR/98/109	35.30	Nov-98	Sep-99	Dec-00
Preparation of 2 investment projects in the domestic (hydrocarbons) refrigeration sub-sector	FIN. Funds reported to 38th ExCom, Nov. 2002.	40,000	-	22,000	100%	(18,000)	ASP	CPR	REF	31	PRP	360	CPR/00/137	-	Jul-00	Mar-01	Jul-01
Project preparation in the refrigeration (including compressors), solvents and methyl bromide sectors	Financial completion in Sep 2002. Refund was reported to 38th ExCom, Nov 2002. FIN.	182,140	-	181,277	100%	(863)	ASP	CPR	SEV	21	PRP	190	CPR/97/050	-	Feb-97	Jun-97	Feb-98
Conversion of metal cleaning processes from ODS solvent to vapour at Pyongyang September 18 Bearings Factory	Financial completion in Sep 2002. Refund was reported to 38th ExCom, Nov 2002. FIN.	1,081,024	-	1,076,889	100%	(4,135)	ASP	DRK	SOL	26	INV	10	DRK/98/079	121.00	Nov-98	Jun-99	Jun-00
Project formulation for phasing out ODS in small and medium scale industries	Financial completion in May 2002. Refund was reported to 37th ExCom, July 2002. FIN.	80,000	-	77,075	100%	(2,925)	ASP	IDS	SEV	15	PRP	24	INS/95/013	-	Dec-94	Mar-95	Jun-95
Preparation of an investment project for phasing out ODS in the refrigeration sector (project under identification	Financial completion in May 2002. Refund ($709) was reported to 37th ExCom, July 2002. FIN.	25,000	25,000	49,291	100%	(709)	ASP	IND	REF	23	PRP	159	IND/97/208	-	Nov-97	Jun-98	Mar-98
Conversion of precision cleaning and coating processes from ODS to heat cleaning technologies and ODS free solvent coating at Lal Malhotra & Sons Ltd.	Financial completion in Sep 2002. Refund was reported to 38th ExCom, Nov 2002. FIN.	308,899	-	308,841	100%	(58)	ASP	IND	SOL	26	INV	191	IND/98/078	16.00	Nov-98	Nov-99	Jun-00

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Table 10a: Completed projects with balances returned to the Multilateral Fund during the reporting year

Project Title	Remarks	Approved Funding (US$)	Adjustment (US$)*	Funds Disbursed	Per Cent of Funds Disbursed	Balance Credited to the MF account (US$)**	Region	Cntry.	Sector	Mtg.	Type	No.	UNIDO Project Number	ODP to be phased out	Date Approved	First Disbursement Date	Date of Completion per Proposal
Preparation of investment project in the foam sector (flexible polyurethane)	Financial completion in May 2002. Refund was reported to 37th ExCom, July 2002. FIN.	18,000	-	16,813	100%	(1,187)	ASP	IRA	FOA	27	PRP	39	IRA/99/035	-	Mar-99	Nov-99	Dec-99
Conversion of domestic refrigerator production facilities to phase-out CFC-11 and CFC-12	Financial completion in Sep 2002. Refund ($17,145) was reported to 38th ExCom, Nov 2002. FIN.	3,228,395	5,677,995	8,889,245	100%	(17,145)	ASP	IRA	REF	11	INV	8	IRA/94/403 - Phase I and Phase II	757.00	Nov-93	Dec-94	Nov-95
Conversion of domestic refrigerator production facilities to phase out CFC-12 and CFC-11 (2nd group) at Movalled Home Appliances Co.	Financial completion in Sep 2002. Refund was reported to 38th ExCom, Nov 2002. FIN.	607,732	-	605,271	100%	(2,461)	ASP	IRA	REF	18	INV	12	IRA/96/041	70.00	Nov-95	May-96	Nov-97
Conversion of domestic refrigerator production facilities to phase out CFC-12 and CFC-11 (2nd group) at Pars Machine Manufacturing Co.	Financial completion in Sep 2002. Refund was reported to 38th ExCom, Nov 2002. FIN.	608,605	-	605,906	100%	(2,699)	ASP	IRA	REF	18	INV	13	IRA/96/041	62.00	Nov-95	May-96	Nov-97
Conversion of domestic refrigerator production facilities to phase out CFC-12 and CFC-11 (2nd group) at Lorestan Refrigerator Manufacturing Industries	Financial completion in Sep 2002. Refund was reported to 38th ExCom, Nov 2002. FIN.	615,018	-	612,253	100%	(2,765)	ASP	IRA	REF	18	INV	14	IRA/96/041	94.00	Nov-95	May-96	Nov-97
Conversion of domestic refrigerator production facilities to phase out CFC-12 and CFC-11 (2nd group) at Gadook Industries, Co.	Financial completion in Sep 2002. Refund was reported to 38th ExCom, Nov 2002. FIN.	373,838	-	372,303	100%	(1,535)	ASP	IRA	REF	18	INV	15	IRA/96/041	18.50	Nov-95	May-96	Nov-97
Conversion of domestic refrigerator production facilities to phase out CFC-12 and CFC-11 (2nd group) at Faritz, Iran	Financial completion in Sep 2002. Refund was reported to 38th ExCom, Nov 2002. FIN.	612,504	-	609,714	100%	(2,790)	ASP	IRA	REF	18	INV	16	IRA/96/041	109.00	Nov-95	May-96	Nov-97
Conversion of domestic refrigerator production facilities to phase out CFC-12 and CFC-11 (2nd group) at Pars Monark Co.	Financial completion in Sep 2002. Refund was reported to 38th ExCom, Nov 2002. FIN.	369,939	-	368,495	100%	(1,444)	ASP	IRA	REF	18	INV	17	IRA/96/041	18.50	Nov-95	May-96	Nov-97
Preparation of investment projects in the commercial refrigeration sector	FIN. Refund reported to 36th ExCom, Mar 2002.	20,000	-	18,164	100%	(1,836)	ASP	IRA	REF	27	PRP	38	IRA/99/019	-	Mar-99	May-99	Dec-99
Project preparation in the aerosol sector	Financial completion in May 2002. Refund was reported to 37th ExCom, July 2002. FIN.	20,000	-	12,567	100%	(7,433)	ASP	JOR	ARS	30	PRP	56	JOR/00/037	-	Mar-00	Aug-00	Apr-01
Replacement of CFC-11 foam blowing agent with HCFC-141b and CFC-12 refrigerant with HCFC-134a in manufacture of commercial refrigeration equipment at six Jordanian companies	Financial completion in Sep 2002. Refund was reported to 38th ExCom, Nov 2002. FIN.	305,764	-	300,465	100%	(5,299)	ASP	JOR	REF	26	INV	42	JOR/98/090	25.10	Nov-98	Apr-99	Dec-00
Phasing out of CFC-11 by conversion to HCFC-141b and CFC-12 to HFC-134a in manufacture of commercial refrigeration equipment at the Second Group of Jordanian Commercial Refrigerator Manufacturers	Financial completion in Sep 2002. Refund was reported to 38th ExCom, Nov 2002. FIN.	278,950	-	276,088	100%	(2,862)	ASP	JOR	REF	28	INV	62	JOR/99/123	25.80	Jul-99	Oct-99	Aug-01
Refrigerant management plan: technical assistance and support to develop regulations for ODS to implement the Environment law of 1999	Financial completion in Jul 2002. Refund was reported to 38th ExCom, Nov 2002. FIN.	20,000	-	16,994	100%	(3,006)	ASP	JOR	REF	28	TAS	49	JOR/99/142	-	Jul-99	May-00	Aug-01
Phasing out of CFCs at Lebanese Modern Industrial and Trading Co.	Financial completion in Oct 2002. Refund was reported to 38th ExCom, Nov 2002. FIN.	1,313,121	-	1,245,616	100%	(67,505)	ASP	LEB	REF	22	INV	19	LEB/97/084	135.00	May-97	Aug-97	Nov-98
Phasing out of CFC-11 by conversion to HCFC-141B and CFC-12 to HFC-134a in the manufacture of commercial refrigeration at the first group of Lebanese Commercial Refrigerator Manufacturers	Financial completion in Sep 2002. Refund was reported to 38th ExCom, Nov 2002. FIN.	258,006	-	248,838	100%	(9,168)	ASP	LEB	REF	29	INV	33	LEB/99/167	18.50	Nov-99	Jan-00	Dec-01
Replacement of CFC-11 foam blowing agent by HCFC-141b in the insulation of GRP fish boxes and flotation buoys at C.C. Chong Co.	FIN. Refund reported to 36th ExCom, Mar 2002.	34,583	-	34,577	100%	(6)	ASP	MAL	FOA	26	INV	112	MAL/98/085	4.50	Nov-98	Mar-99	Jun-00
The replacement of CFC-11 foam blowing agent by HCFC-141b in the manufacture of insulation panels at Ming Soon Enterprise Sdn. Bhd.	Financial completion in Sep 2002. Refund was reported to 38th ExCom, Nov 2002. FIN.	48,799	-	48,735	100%	(64)	ASP	MAL	FOA	26	INV	113	MAL/98/083	6.20	Nov-98	Jun-99	Jun-00
Replacement of CFC-11 foam blowing agent by HCFC-141b in the manufacture of insulation panels at Yong Tuck Refrigerators Trading Co.	FIN. Refund reported to 36th ExCom, Mar 2002.	61,735	-	60,995	100%	(740)	ASP	MAL	FOA	27	INV	120	MAL/99/021	8.00	Mar-99	Aug-99	Oct-00

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Table 10a: Completed projects with balances returned to the Multilateral Fund during the reporting year

Project Title	Remarks	Approved Funding (US$)	Adjustment (US$)*	Funds Disbursed	Per Cent of Funds Disbursed	Balance Credited to the MF account (US$)**	Region	Cntry.	Sector	Mtg.	Type	No.	UNIDO Project Number	ODP to be phased out	Date Approved	First Disbursement Date	Date of Completion per Proposal
Preparation of three investment projects in the foam sector (rigid polyrethane)	Financial completion in May 2002. Refund was reported to 37th ExCom, July 2002. FIN.	25,000	-	24,913	100%	(87)	ASP	MAL	FOA	27	PRP	118	MAL/99/057	-	Mar-99	Jun-99	Dec-99
Phase out CFC-11 consumption by conversion to HCFC-141b AT Perniagaan Hower in the manufacture of sandwich panels	Financial completion in Sep 2002. Refund was reported to 38th ExCom, Nov 2002. FIN.	41,499	-	41,346	100%	(153)	ASP	MAL	FOA	28	INV	124	MAL/99/102	5.30	Jul-99	Dec-99	Aug-01
Phase out CFC-11 consumption at Chong Brother Group of Companies	Financial completion in Sep 2002. Refund was reported to 38th ExCom, Nov 2002. FIN.	216,108	-	215,948	100%	(160)	ASP	MAL	FOA	28	INV	127	MAL/99/101	27.60	Jul-99	Sep-99	Aug-01
Country programme preparation	Financial completion in May 2002. Refund was reported to 37th ExCom, July 2002. FIN.	80,000	-	78,421	100%	(1,579)	ASP	OMA	SEV	29	CPG	1	OMA/99/157	-	Nov-99	Apr-00	Dec-00
Conversion of ODS coating processes from CFC-113 to trichloroethylene and IPA at Treet Corporation Ltd., Hyderabad	Financial completion in Sep 2002. Refund was reported to 38th ExCom, Nov 2002. FIN.	321,172	-	317,467	100%	(3,705)	ASP	PAK	SOL	22	INV	13	PAK/97/077	18.90	May-97	Oct-97	Nov-99
National CFC recovery and recycling scheme	Financial completion in May 2002. Refund was reported to 37th ExCom, July 2002. FIN.	557,500	-	556,567	100%	(933)	ASP	PHI	REF	22	TAS	49	PHI/97/097	60.00	May-97	Sep-97	Jun-99
Phasing out CFCs at Al Yaman	Financial completion in Aug 2002. Refund was reported to 38th ExCom, Nov 2002. FIN.	216,128	-	213,053	100%	(3,075)	ASP	SYR	ARS	22	INV	20	SYR/97/111	95.00	May-97	Nov-97	Sep-98
Phasing out CFCs at Laboratories Kosmeto	FIN. Refund reported to 36th ExCom, Mar 2002.	175,062	-	173,015	100%	(2,047)	ASP	SYR	ARS	23	INV	23	SYR/97/171	59.90	Nov-97	Oct-98	Feb-99
Preparation of at least three investment projects in the aerosol sector for phasing out ODS at three enterprises including Nwevlati	FIN. Refund ($10,543) reported to 36th ExCom, Mar 2002.	10,000	15,000	14,457	100%	(10,543)	ASP	SYR	ARS	23	PRP	26	SYR/97/200	-	Nov-97	Jun-98	Mar-98
Phasing out CFCs at Mariza Co.	Financial completion in May 2002. Refund was reported to 37th ExCom, July 2002. FIN.	207,652	-	204,118	100%	(3,533)	ASP	SYR	ARS	25	INV	31	SYR/98/055	90.00	Jul-98	May-99	Dec-99
Project preparation of investment projects in the aerosol sector	FIN. Refund reported to 36th ExCom, Mar 2002.	8,000	-	6,630	100%	(1,370)	ASP	SYR	ARS	27	PRP	44	SYR/99/041	-	Mar-99	Jul-00	Dec-99
Phasing out CFC-11 at Dakkak Co. flexible polyurethane foam plant	FIN. Refund reported to 36th ExCom, Mar 2002.	96,553	-	96,422	100%	(131)	ASP	SYR	FOA	19	INV	14	SYR/96/119	17.00	May-96	Oct-96	May-97
Project preparation in the flexible foam sector	Financial completion in Sep 2002. Refund was reported to 38th ExCom, Nov 2002. FIN.	10,000	-	9,623	100%	(377)	ASP	SYR	FOA	21	PRP	19	SYR/97/042	-	Feb-97	Oct-97	Jun-97
Preparation of investment projects for NPD in Damascus and others in rigid foam sector	Financial completion in Sep 2002. Refund was reported to 38th ExCom, Nov 2002. FIN.	15,000	-	14,739	100%	(261)	ASP	SYR	FOA	24	PRP	29	SYR/98/163	-	Mar-98	Sep-98	Apr-99
Phasing out of CFCs from Manufacturing of domestic and commercial refrigerators at Krayem Brothers Co.	Financial completion in Sep 2002. Refund was reported to 38th ExCom, Nov 2002. FIN.	1,071,575	-	1,056,340	100%	(15,235)	ASP	SYR	REF	18	INV	11	SYR/96/014	89.00	Nov-95	Nov-96	May-97
Project preparation of investment projects in the domestic refrigeration sector	Financial completion in Sep 2002. Refund was reported to 38th ExCom, Nov 2002. FIN.	20,000	-	17,117	100%	(2,883)	ASP	SYR	REF	27	PRP	40	SYR/99/015	-	Mar-99	May-99	Dec-99
Preparation of project in the aerosol sector	FIN. Refund reported to 36th ExCom, Mar 2002.	20,000	-	17,088	100%	(2,912)	ASP	YEM	ARS	27	PRP	4	YEM/99/042	-	Mar-99	Aug-99	Dec-99
		43,850,683	**5,695,079**	**48,285,986**		**(1,259,775)**	**ASP Total**							6,664.40			
Project preparation in the aerosol sector	Financial completion in Apr 2002. ExCom noted the project cancellation by mutual agreement (Decision 37/8 (g)) in July 2002. Refund reported to 37th ExCom, Jul 2002. CLO.	15,000	-	-	0%	(15,000)	EUR	BHE	ARS	30	PRP	3	BIH/00/034	-	Mar-00		Apr-01
Phasing out of CFC-11 from flexible slabstock foam manufacturing at Sileks Ad Co.	Financial completion in Sep 2002. Refund was reported to 38th ExCom, Nov 2002. FIN.	520,125	-	514,413	100%	(5,712)	EUR	MDN	FOA	22	INV	5	MCD/97/083	280.00	May-97	Dec-97	Nov-98
Phasing out of CFC-11 from manufacturing of rigid PU sandwich panels at Sileks Ad Co.	Financial completion in May 2002. Refund was reported to 37th ExCom, July 2002. FIN.	284,236	-	277,135	100%	(7,101)	EUR	MDN	FOA	22	INV	6	MCD/97/123	67.60	May-97	Dec-97	Jun-98
Preparation of projects in the refrigeration, aerosol and foam sector	Financial completion in May 2002. Refund was reported to 37th ExCom, July 2002. FIN.	30,000	-	26,283	100%	(3,717)	EUR	MDN	SEV	18	PRP	2	MCD/96/021	-	Nov-95	Jan-96	Mar-96
Phasing out of CFC-11 at Urosan Kimiya Sanayii A.S.	Financial completion in Apr 2002. Refund was reported to 37th ExCom, July 2002. FIN.	643,500	-	631,542	100%	(11,958)	EUR	TUR	FOA	20	INV	22	TUR/96/181	135.00	Oct-96	Feb-97	Oct-97

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Table 10a: Completed projects with balances returned to the Multilateral Fund during the reporting year

Project Title	Remarks	Approved Funding (US$)	Adjustment (US$)*	Funds Disbursed	Per Cent of Funds Disbursed	Balance Credited to the MF account (US$)**	Region	Cntry.	Sector	Mtg.	Type	No.	UNIDO Project Number	ODP to be phased out	Date Approved	First Disbursement Date	Date of Completion per Proposal
Phasing out CFC-11 at Isbir Termoset Plastic San. A.S., Ankara, Turkey	Financial completion in Sep 2002. Refund was reported to 38th ExCom, Nov 2002. FIN.	501,350	-	501,011	100%	(339)	EUR	TUR	FOA	23	INV	30	TUR/97/167	130.00	Nov-97	Mar-99	Dec-98
Phasing out CFC-11 at Go-Ya Sungar Ltd. Sti.	Financial completion in Apr 2002. ExCom noted the project cancellation by mutual agreement (Decision 37/8 (g)) in July 2002. Refund was reported to 38th ExCom, Nov 2002. CLO.	533,400	-	219,771	100%	(313,629)	EUR	TUR	FOA	23	INV	31	TUR/97/166	-	Nov-97	Nov-98	Dec-98
Preparation of investment project in the rigid foam sub sector	FIN. Refund reported to 36th ExCom, Mar 2002.	15,000	-	5,408	100%	(9,592)	EUR	TUR	FOA	24	PRP	35	TUR/98/170	-	Mar-98	Sep-98	Apr-99
Phasing out of CFC-11 in manufacturing of flexible polyurethane slabstock foam through the use of CO2 blowing technology at Serra Sunger	FIN. Refund reported to 36th ExCom, Mar 2002.	454,358	-	454,236	100%	(122)	EUR	TUR	FOA	25	INV	47	TUR/98/056	86.00	Jul-98	Dec-98	Feb-00
Phasing out CFC-11 in manufacturing of flexible PU molded foam through the use of CO2 blosing technology at Sungersan, Bursa	Financial completion in May 2002. Refund was reported to 37th ExCom, July 2002. FIN.	327,374	-	327,304	100%	(70)	EUR	TUR	FOA	27	INV	53	TUR/99/017	30.00	Mar-99	Dec-99	Oct-00
Phasing out of CFC-11 by conversion to HCFC-141b in the manufacture of rigid polyurethane panels for thermal insulation for cold rooms and cold storages at Izotek	Financial completion in Sep 2002. Refund was reported to 38th ExCom, Nov 2002. FIN.	430,721	-	425,239	100%	(5,482)	EUR	TUR	FOA	28	INV	65	TUR/99/078	74.80	Jul-99	Aug-00	Aug-01
		3,755,064	-	**3,382,342**		**(372,722)**	**EUR Total**							803.40			
Development of Refrigeration Management Plans	FIN. Refund reported to 37th ExCom, Jul 2002.	60,000	-	36,203	100%	(23,797)	GLO	GLO	REF	22	PRP	134	RAF/97/088	-	May-97	Sep-97	Dec-97
		60,000	-	**36,203**		**(23,797)**	**GLO Total**							-			
Phasing out of CFC-12 at Multiespuma Saic	FIN. Refund reported to 36th ExCom, Mar 2002.	282,438	-	270,028	100%	(12,409)	LAC	ARG	FOA	20	INV	49	ARG/96/177	60.00	Oct-96	Feb-97	Apr-98
Project preparation in the foam sector (general)	Financial completion in May 2002. Refund was reported to 37th ExCom, July 2002. FIN.	40,000	-	39,998	100%	(2)	LAC	ARG	FOA	27	PRP	84	ARG/99/046	-	Mar-99	Jun-99	Dec-99
Phasing out CFC-11 by conversion to HCFC-141B as a blowing agent in the manufacture of P.U. blocks and tank spraying at Polwer S.R.L.	FIN. Refund reported to 38th ExCom, Nov 2002.	111,641	-	111,395	100%	(246)	LAC	ARG	FOA	28	INV	110	ARG/99/107	26.80	Jul-99	Nov-99	Feb-01
Phasing out of CFC-11 by conversion to HCFC-141b as a blowing agent in the manufacture of rigid P.U. foams: umbrella project (Tarco, Mondino, Schaum, Fadep, Occhipinti and Friolatina)	Financial completion in Sep 2002. Refund was reported to 38th ExCom, Nov 2002. FIN.	227,048	-	226,992	100%	(56)	LAC	ARG	FOA	29	INV	97	ARG/99/158	30.40	Nov-99	Jan-00	Jun-01
Demonstration Project: Open and closed circuit non-soil cultivation as main alternatives to the use of methyl bromide in tomato, cut flowers and strawberry production	Financial completion in Sep 2002. Refund was reported to 38th ExCom, Nov 2002. FIN.	481,800	-	461,955	100%	(19,845)	LAC	ARG	FUM	23	DEM	71	ARG/97/186	-	Nov-97	Jun-98	Dec-99
Formulation of investment project in the methyl bromide sector (flowers)	Financial completion in Sep 2002. Refund was reported to 38th ExCom, Nov 2002. FIN.	40,000	-	34,324	100%	(5,676)	LAC	ARG	FUM	27	PRP	85	ARG/99/033	-	Mar-99	Jul-99	Dec-99
Elimination of CFCs in the manufacturing plant of domestic refrigerators of Frare S.A., Buenos Aires	Financial completion in Sep 2002. Refund was reported to 38th ExCom, Nov 2002. FIN.	514,384	-	511,272	100%	(3,112)	LAC	ARG	REF	23	INV	64	ARG/97/185	32.00	Nov-97	Jan-99	Dec-99
Elimination of CFCs in the manufacturing plant of domestic refrigerators of Bambi S.A., Santa Fe	Financial completion in May 2002. Refund was reported to 37th ExCom, July 2002. FIN.	515,258	-	515,076	100%	(182)	LAC	ARG	REF	23	INV	67	ARG/97/184	30.60	Nov-97	Jul-98	Dec-99
Project preparation in the refrigeration and methyl bromide sectors	Financial completion in May 2002. Refund was reported to 37th ExCom, July 2002. FIN.	32,140	-	32,139	100%	(1)	LAC	ARG	SEV	21	PRP	52	ARG/97/045	-	Feb-97	Apr-97	Feb-98
Phasing out CFC-11 with cyclopentane at Crios Industrial Ltd. (suppliers of Eletrofrio Company)	Financial completion in Sep 2002. Refund was reported to 38th ExCom, Nov 2002. FIN.	357,270	-	356,887	100%	(383)	LAC	BRA	FOA	25	INV	103	BRA/98/045	46.00	Jul-98	Jun-99	Aug-00
Project preparation in the foam sector (general)	Financial completion in Sep 2002. Refund was reported to 38th ExCom, Nov 2002. FIN.	50,000	-	40,845	100%	(9,155)	LAC	BRA	FOA	27	PRP	126	BRA/99/055	-	Mar-99	Nov-99	Dec-99
Demonstration project: three alternatives to the use of methyl bromide: non-soil cultivation, solarization and low-dose chemicals	Financial completion in Sep 2002. Refund was reported to 38th ExCom, Nov 2002. FIN.	393,800	-	365,109	100%	(28,691)	LAC	BRA	FUM	22	DEM	73	BRA/97/127	-	May-97	Dec-97	Jun-99

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Table 10a: Completed projects with balances returned to the Multilateral Fund during the reporting year

Project Title	Remarks	Approved Funding (US$)	Adjustment (US$)*	Funds Disbursed	Per Cent of Funds Disbursed	Balance Credited to the MF account (US$)**	Region	Cntry.	Sector	Mtg.	Type	No.	UNIDO Project Number	ODP to be phased out	Date Approved	First Disbursement Date	Date of Completion per Proposal
Project preparation in the commercial refrigeration sector for four companies	Financial completion in Sep 2002. Refund was reported to 38th ExCom, Nov 2002. FIN.	40,000	-	31,419	100%	(8,581)	LAC	BRA	REF	27	PRP	119	BRA/99/062	-	Mar-99	Dec-99	Dec-99
Umbrella project for four enterprises converting from CFC-11 to HCFC-141b and from CFC-12 to HFC-134a at EZ Industria, Menoncin, Unifrio and from CFC-12 to HFC-134a at Croydon	Partial cancellation of Hidraumatic component by Dec. 37/8 (g) in July 2002. Funds returned to 37th ExCom, July 2002. All equipment were ordered and are under delivery. The project will be completed as planned beginning 2004	469,452	-	246,180	57%	(39,800)	LAC	BRA	REF	34	INV	219	BRA/01/168	30.18	Jul-01	Sep-01	Feb-04
Phasing out ODS at Guyana Refrigerator Ltd., Guyana (GRL)	Financial completion in Sep 2002. Refund was reported to 38th ExCom, Nov 2002. FIN.	461,000	-	460,951	100%	(49)	LAC	GUY	REF	23	INV	5	GUY/97/204	7.20	Nov-97	Aug-98	Jun-99
Project formulation of investment projects in the foam sector	FIN. Refund reported to 36th and 37th ExCom, Mar/Jul 2002 ($11,431 and $1).	30,000	-	18,568	100%	(11,432)	LAC	HON	FOA	21	PRP	3	HON/97/043	-	Feb-97	Apr-98	May-97
Phasing out of CFCs at Torrey S.A.	Financial completion in Sep 2002. Refund was reported to 38th ExCom, Nov 2002. FIN.	228,165	-	223,380	100%	(4,785)	LAC	MEX	REF	23	INV	68	MEX/97/176	15.10	Nov-97	Jun-98	Jun-99
Phasing out of CFC-11 and CFC-12 with HCFC-141b and HFC 134a at Plasticos Tecnicos Mexicanos (PTM) in the manufacture of commercial refrigeration equipment	Financial completion in Sep 2002. Refund was reported to 38th ExCom, Nov 2002. FIN.	398,439	-	398,432	100%	(7)	LAC	MEX	REF	25	INV	85	MEX/98/048	50.60	Jul-98	Nov-98	Jan-00
Phasing out ODS at Veniber C.A.	FIN. Refund reported to 36th ExCom, Mar 2002.	164,592	-	164,269	100%	(323)	LAC	VEN	FOA	22	INV	56	VEN/97/108	21.60	May-97	Aug-97	Nov-98
Phasing out CFC -11 with HCFC-141b at TECNOFRIGO in the production of rigid PU panels	Financial completion in Sep 2002. Refund was reported to 38th ExCom, Nov 2002. FIN.	71,946	-	71,843	100%	(103)	LAC	VEN	FOA	25	INV	64	VEN/98/053	9.00	Jul-98	Nov-99	Aug-99
Phasing out CFC-11 with HCFC-141b at Liderfrio in the production of rigid PU panels	Financial completion in Sep 2002. Refund was reported to 38th ExCom, Nov 2002. FIN.	107,850	-	107,803	100%	(47)	LAC	VEN	FOA	26	INV	66	VEN/98/097	13.90	Nov-98	Dec-99	Apr-00
Phasing out CFC-11 with HCFC-141b in the production of rigid polyurethane panels at Fricava C.A.	Financial completion in Sep 2002. Refund was reported to 38th ExCom, Nov 2002. FIN.	115,382	-	115,305	100%	(77)	LAC	VEN	FOA	27	INV	73	VEN/99/044	15.30	Mar-99	Dec-99	Aug-00
Preparation of investment project in the foam sector (polystyrene/ polyethylene)	Financial completion in May 2002. Refund was reported to 37th ExCom, July 2002. FIN.	20,000	-	19,931	100%	(69)	LAC	VEN	FOA	27	PRP	72	VEN/99/051	-	Mar-99	May-99	Dec-99
Phasing out CFC-11 with HCFC-141b at Novemeca in the production of rigid P.U. panels	Financial completion in Sep 2002. Refund was reported to 38th ExCom, Nov 2002. FIN.	69,886	-	69,144	100%	(742)	LAC	VEN	FOA	29	INV	77	VEN/99/160	16.20	Nov-99	Jan-00	Jun-01
Phasing out CFC-11 with HCFC-141b at Amerio Industrial S.A. in the production of rigid P.U. panels	Financial completion in Sep 2002. Refund was reported to 38th ExCom, Nov 2002. FIN.	88,039	-	87,727	100%	(312)	LAC	VEN	FOA	29	INV	78	VEN/99/159	11.80	Nov-99	Jun-00	Jun-01
Preparation of investment project in the rigid foam sector	Financial completion in May 2002. Refund was reported to 38th ExCom, Nov 2002. FIN.	25,000	-	24,998	100%	(2)	LAC	VEN	FOA	30	PRP	80	VEN/00/028	-	Mar-00	May-00	Apr-01
Phasing out CFC-11 and CFC-12 withHCFC-141b and HFC-134a at INVITREL in the manufacture of commercial refrigeration equipment	Financial completion in Sep 2002. Refund was reported to 38th ExCom, Nov 2002. FIN.	419,094	-	416,718	100%	(2,376)	LAC	VEN	REF	25	INV	63	VEN/98/052	46.40	Jul-98	Dec-98	Feb-00
Preparation of investment projects in the commercial refrigeration sector	FIN. Refund reported to 36th and 37th ExCom, Mar/Jul 2002 ($363 and $1).	25,000	-	24,636	100%	(364)	LAC	VEN	REF	27	PRP	71	VEN/99/064	-	Mar-99	Sep-99	Dec-99
Preparation of investment projects in the refrigeration/MACS and compressor sector	Financial completion in Sep 2002. Refund was reported to 38th ExCom, Nov 2002. FIN.	20,000	-	19,855	100%	(145)	LAC	VEN	REF	27	PRP	75	VEN/99/063	-	Mar-99	Dec-99	Dec-99
		5,799,624	**-**	**5,467,179**		**(148,972)**	**LAC Total**							463.08			
		64,813,641	**5,695,079**	**67,980,483**		**(2,520,392)**	**Grand Total**							9,010.78			

* Previous years' adjustment (positive and negative as well)

** Adjustment as per year 2002

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Annex I: Country Development Highlights

Cntry	No. of Projects Approved against 2002 BP	Type	Amount Approved	ODP to be Phased Out per proposal	No. of Projects (All Types) Completed in 2002	ODP Phased Out in 2002	Disbursements During 2002 (All Projects)
Albania	1	1 PRP	40,000	-			14,233
Algeria	4	1 INV 2 PRP 1 TAS	499,320	19	6	194.00	458,608
Argentina	3	3 PRP	165,000	-	-	92.30	843,768
Bosnia and Herzegovina	5	2 INV 3 PRP	649,933	47	1		228,971
Botswana							21,336
Brazil	1	1 TAS	40,000		6	17.70	864,524
Burkina Faso					1		22,467
Cameroon	1	1 TAS	522,982	113	2	250.00	203,780
China	5	3 INV 2 PRP	8,370,061	1,329	8	867.60	10,302,523
Colombia					1	-	30,567
Cote d'Ivoire							2,210
Croatia					1	6.20	91,967
Cuba							138,040
Dem. Rep. of Korea	5	5 INV	4,625,953	368	2	500.00	1,462,104
Dominican Republic	2	1 INV 1 PRP	952,900	141	1		46,366
Egypt	2	1 INV 1 PRP	2,825,592	186	5	19.70	497,253
Georgia	1	1 TAS	220,000	6	1		24,349
Global	1	1 TAS	1,500,000	-			-
Guatemala	1	1 INV	3,257,377	468	1		32,140
Guyana							2,400
Honduras	1	1 INV	1,977,454	213	1		218,476
India	4	2 INV 2 PRP	1,221,842	133	7	190.50	1,589,314
Indonesia	5	3 INV 2 PRP	1,053,821	121	2		279,241
Iran	4	2 INV 2 PRP	970,353	165	11	251.50	3,834,221
Jamaica							
Jordan	2	2 INV	752,757	86	8	69.80	746,420
Kenya							63,904
Kuwait	1	1 TAS	448,816	64			
Lebanon	2	1 INV 1 PRP	436,946	10	4	37.50	421,675
Libya	2	2 PRP	60,000				166,955
Macedonia	1	1 TAS	25,000		5	28.50	791,427
Malaysia					1		123,288
Mali	1	1 TRA	30,000				2,038
Mexico	5	2 INS 2 PRP 1 TAS	438,839	20	2	35.20	472,459
Morocco	1	1 CPG	40,000			23.00	585,053
Mozambique							1
Nicaragua							1,038
Nigeria	2	1 INV 1 PRP	752,386		3	35.10	796,531
Oman							72,976
Pakistan	2	1 INV 1 PRP	142,078	10	1	40.70	427,415
Panama	1	1 TRA	30,000		1		19,269
Qatar							117,079
Romania	1	1 CPG	60,000		1		257,305
Senegal							75,476
Sudan					3	47.70	107,345
Syria	5	2 INV 3 PRP	575,300	67	2	101.00	371,393
Tanzania							169,999
Thailand							62,667
Tunisia							193,065
Turkey	1	1 PRP	50,000		1		510,567
Uganda							14,683
Uruguay						5.00	162,516
Venezuela	2	1 INV 1 PRP	946,432	136	5	36.40	955,803
Viet Nam							165,803
Yemen	1	1 PRP	10,000		1		219,438
Yugoslavia	3	2 INV 1 PRP	393,521	13	1		550,488
Zimbabwe					1	41.00	663,883
Total	**79**		**34,084,663**	**3,715**	**97**	**2,890**	**30,496,815**

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Annex II: Multi-Year Agreements Summary

Country	Sector Plan/National ODS Phase-Out Plan	Date Approved	Planned Date of Completion	Funds Committed by ExCom (US$)*	Funds Released including Present Year by ExCom (US$)*	Funds Disbursed to the Country (US$)	Total ODP Consumption to be Phased-out for the Plan	ODP Counsumption Allowed for the Reporting Year	Actual ODP Consumption for Reporting Year	Total ODP Production to be Phased-out for the Plan	ODP Production Allowed for the Reporting Year	Actual ODP Production for Reporting Year	Remarks (Achievement of Conditions of Approval, Milestones, Relevant Issues concerning next Targets)
CPR	Tobacco sector plan	Dec-00	Dec-07	11,000,000	6,000,000	3,500,000	1,090.00	880.00	800.00				Second tranche was completed. Third tranche was approved by 39th ExCom.
CPR	Sector plan CFC final phase-out: domestic refrigeration and domestic refrigeration compressors	Nov-02	May-07	5,571,539	3,400,000	-	918.00	918.00	918.00				Project approved by the 38th ExCom in Nov 2002. Modalities of implementation agreed with the counterpart. Contract will be awarded in May 2003 upon receipt of funds from Italy. Agreement with Italy was signed.
DRK	Closure of ODS production plant	Mar-02	Dec-05	2,566,800	1,344,350	1,344,350				4,280.00	3,780.00	3,780.00	Verification of second phase is expected mid 2003. Verification report of first phase was submitted to the Secretariat and will be submitted to the ExCom together with the second verification report.
IND	Plan for phase-out of CFCs in the refrigeration (manufacturing) sector	Nov-02	Nov-04	673,200	500,000	-	107.00	107.00	107.00				The first phase of the project was approved by the 38th ExCom. Activities have started. Implementation modalities and bidding are to be agreed upon with the counterparts by mid 2003.
LEB	Phase-out of methyl bromide (strawberries)	Jul-01	Dec-06	1,821,946	771,946	129,502	50.40	44.40	44.40				Training is proceeding as scheduled. Equipment delivered.
MOR	Phase-out of methyl bromide for soil fumigation in tomato production	Jul-01	Dec-06	3,957,844	400,000	1,684	389.90	280.10	n.a.				Agreement not yet signed with Tomatoes Producers Association, thus the project could not start.
NIR	National CFC phase-out plan: refrigeration manufacturing	Nov-02	Jun-05	937,386	682,386	-	100.90	100.90	100.90				Project approved by the 38th ExCom in Nov 2002. Project Manager will visit project site in March 2003.
SYR	Phase-out of the use of methyl bromide in grain storage	Jul-01	Dec-05	1,084,139	300,000	165	105.00	108.00	113.00				Competitive bidding for equipment was unfruitful twice since many companies did not want to work in Syria. Training started. Purchase of equipment is in process.
TUR	Phase out of methyl bromide in protected tomato, cucumber and carnation crops	Dec-01	Dec-03	3,408,844	1,000,000	3,363	292.20	263.00	n.a.				The project is delayed due to Government procedures. Training is under implementation. Bidding for equipment has started.
			TOTAL	**31,021,698**	**14,398,682**	**4,979,064**	**3,053.40**	**2,701.40**	**2,083.30**	**4,280.00**	**3,780.00**	**3,780.00**	
* approvals exclude support costs													

DATABASE

(UNIDO's progress report database is available on the Secretariat's website (www.UNMFS.org). It is also available upon request.)