



**Programa de las  
Naciones Unidas  
para el Medio Ambiente**



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COMITÉ EJECUTIVO DEL FONDO MULTILATERAL  
PARA LA APLICACIÓN DEL  
PROTOCOLO DE MONTREAL  
Septuagésima tercera Reunión  
París, 9 – 13 de noviembre de 2014

**INFORME SOBRE LA MARCHA DE LAS ACTIVIDADES DEL BANCO MUNDIAL  
AL 31 DE DICIEMBRE DE 2013**

1. Este documento presenta el informe sobre la marcha de las actividades del Banco Mundial al 31 de diciembre de 2013<sup>1</sup>, y comprende:

Resumen Ejecutivo

- Parte I: Progresos realizados en la ejecución al 31 de diciembre de 2013 (acumulativo)
- Parte II: Progresos logrados en la ejecución de proyectos en 2013
- Parte III: Observaciones y recomendaciones de la Secretaría
- Anexo I: Datos sobre la ejecución de proyectos en 2013 por país

**Resumen Ejecutivo**

2. A continuación se presenta un resumen del desarrollo de la ejecución de proyectos y actividades por el Banco Mundial al 31 de diciembre de 2013 para el año 2013 y acumulativo desde 1991:

- a) **Eliminación:** En 2013 solamente, se eliminaron 327,7 toneladas PAO de consumo y se aprobaron para eliminación otras 376,9 toneladas PAO de consumo. Desde 1991, se habían eliminado a finales de 2013 127 524 toneladas PAO de consumo y 174 895 toneladas PAO de producción, de un total previsto de 298 621 toneladas PAO de proyectos aprobados hasta finales de 2013 (excluyendo proyectos cancelados y transferidos);
- b) **Desembolsos/aprobaciones:** En 2013, se desembolsaron 37,60 millones de \$EUA y se previó el desembolso de 29,58 millones de \$EUA basado en el informe sobre la marcha

<sup>1</sup> Se adjunta el informe sobre la marcha de las actividades. Los datos se han incluido en la base de datos del informe refundido sobre la marcha de las actividades que está disponible a petición de los interesados.

de las actividades de 2012, lo que representa una tasa de desembolso de 127 por ciento del valor previsto. En forma acumulativa, se habían desembolsado 956,57 millones de \$EUA de un total de 1,30 millones de \$EUA aprobados para desembolso hasta el final de 2013 (excluyendo honorarios de organismo). Esto representa una tasa de desembolso del 93 por ciento. En 2013, se aprobaron 44,61 millones de \$EUA para ejecución de proyectos;

- c) **Relación de costo a eficacia (en PAO):** Desde 1991, la relación de costo a eficacia promedio de los proyectos de inversión aprobados que conducen a una reducción permanente del consumo fue de 3,29/kg \$EUA. La relación de costo a eficacia para el sector de producción fue de 3,97/kg de \$EUA. La relación de costo a eficacia promedio de los proyectos de inversión por tonelada PAO fue de 2,89/kg \$EUA para los proyectos terminados y de 75,59/kg \$EUA para los proyectos en curso<sup>2</sup>;
- d) **Número de proyectos terminados:** En 2013, se terminaron 15 proyectos. Desde 1991, se habían terminado para finales de 2013 1 005 proyectos de los 1 034 proyectos aprobados para el Banco Mundial (excluyendo proyectos cerrados o transferidos). Esto representa una tasa de terminación del 97 por ciento;
- e) **Velocidad de ejecución – proyectos de inversión:** Los proyectos que se terminaron en 2013 lo fueron en promedio 75 meses después de su aprobación. Desde 1991, el tiempo medio para la terminación de proyectos de inversión ha sido de 40 meses después de su aprobación. Los primeros desembolsos en el marco de estos proyectos ocurrieron, en promedio, 24 meses después de haber sido aprobados;
- f) **Velocidad de ejecución – proyectos ajenos a la inversión:** Los proyectos que se terminaron en 2013 lo fueron en promedio 53 meses después de su aprobación. Desde 1991, el tiempo medio para terminación de proyectos ajenos a la inversión ha sido de 35 meses después de su aprobación. Los primeros desembolsos en el marco de estos proyectos ocurrieron, en promedio, 19 meses después de haber sido aprobados;
- g) **Preparación de proyectos:** De las 274 actividades de preparación de proyectos aprobadas a fines de 2013, se terminaron 272, quedando dos en curso;
- h) **Demoras en la ejecución:** Hubo un total de 18 proyectos de inversión en curso de ejecución a finales de 2013. Estos proyectos, en promedio, están experimentando una demora de 24 meses. No obstante, los proyectos clasificados como “proyectos con demoras en la ejecución” que están sujetos a los procedimientos de cancelación de proyectos son solamente uno (dado que los acuerdos plurianuales no están sujetos a dichos procedimientos);
- i) **Acuerdos plurianuales:** En 2013, el Banco Mundial estaba ejecutando un acuerdo plurianual para la producción acelerada de CFC, un acuerdo plurianual para CTC<sup>3</sup>, un acuerdo plurianual para consumo de metilbromuro, seis acuerdos plurianuales para planes de gestión de la eliminación de los HCFC y un acuerdo plurianual para el plan de gestión de la eliminación de la producción de HCFC en China. Desde 1991, habían sido aprobados 34 acuerdos plurianuales y se han terminado 24 de los mismos.

<sup>2</sup> La mayor relación de costo a eficacia para proyectos en curso se debe en gran medida a los menores valores PAO de los HCFC, pero también a los modos de asignación de la eliminación por los organismos.

<sup>3</sup> Los planes de acción para utilizar los presupuestos remanentes para la producción de CFC que se consideran como acuerdos plurianuales en curso así como para los acuerdos plurianuales que se consideran terminados (halones, CTC, espumas y mantenimiento y servicio de CFC) se tratan en el documento UNEP/OzL.Pro/ExCom/73/17, “Informes de situación y cumplimiento”.

**Parte I: Progresos realizados en la ejecución al 31 de diciembre de 2013 (acumulativo)**

3. A esa fecha, el Comité Ejecutivo había aprobado aproximadamente 1130 millones de \$EUA desglosados en 1030 millones de \$EUA para la ejecución de proyectos de inversión y ajenos a la inversión y 101,91 millones de \$EUA para honorarios de organismo y costos de apoyo administrativo, según se indica en el Cuadro 1. En 2013, se aprobaron ocho nuevos proyectos y actividades. Se prevé que este nivel de financiación resulte en la eliminación de 298 621 toneladas PAO de consumo y producción de SAO.

**Cuadro 1: Financiación aprobada por sector para el Banco Mundial al 31 de diciembre de 2013**

Sector	Financiación (\$EUA)
Aerosoles	23 058 919
Destrucción	400 000
Espumas	134 961 693
Fumigantes	7 093 426
Halones	70 221 038
Sectores múltiples	2 341 168
Otros	5 059 360
Plan de eliminación	164 308 180
Agentes de proceso	114 342 497
Producción	289 532 020
Refrigeración	181 049 335
Varios	27 268 921
Disolventes	10 147 394
Esterilizantes	661 227
<b>Total parcial</b>	<b>1 030 445 178</b>
Costo administrativo	101 914 004
<b>TOTAL GENERAL</b>	<b>1 132 359 183</b>

4. En el Cuadro 2 se presenta un resumen de la situación de los proyectos ejecutados por el Banco Mundial, por categoría.

**Cuadro 2: Situación de la ejecución de proyectos por tipo de proyecto**

Tipo	Número de proyectos*			Financiación (\$EUA)			
	Aprobados	Terminados	% terminados	Aprobados	Desembolsados	Saldo	% desembolsados
Programa de país	29	29	100	1 627 732	1 627 732	0	100
Demostración	6	4	67	6 960 134	4 342 801	2 617 334	62
Fortalecimiento institucional	45	43	96	8 158 006	7 742 235	415 771	95
Inversión	615	597	97	977 642 339	907 410 675	70 231 664	93
Preparación de proyectos	274	272	99	24 681 875	24 616 864	65 011	99,7
Asistencia técnica	61	56	92	11 069 326	10 528 856	540 470	95
Capacitación	4	4	100	305 766	305 766	0	100
<b>Total</b>	<b>1 034</b>	<b>1 005</b>	<b>97</b>	<b>1 030 445 178</b>	<b>956 574 929</b>	<b>73 870 249</b>	<b>93</b>

\*Excluye proyectos cerrados y transferidos.

5. En el Cuadro 3 se presenta una reseña de la situación de la ejecución de proyectos por año<sup>4</sup>. Todos los proyectos y actividades aprobados entre 1991 y finales de 2004 han sido ahora terminados.

**Cuadro 3: Situación de la ejecución de proyectos por año**

Año	Número de proyectos*			Financiación (\$EUA)			
	Aprobados	Terminados	% terminados	Aprobados	Desembolsados	Saldo	% desembolsado
1991	42	42	100	5 429 404	5 429 404	0	100
1992	76	76	100	28 047 705	28 047 705	0	100
1993	79	79	100	42 538 405	42 538 405	0	100
1994	91	91	100	41 081 267	41 081 267	0	100
1995	112	112	100	47 224 186	47 224 186	0	100
1996	55	55	100	29 319 479	29 319 479	0	100
1997	95	95	100	56 173 103	56 173 103	0	100
1998	59	59	100	35 959 418	35 959 418	0	100
1999	73	73	100	64 235 810	64 173 138	62 672	100
2000	67	67	100	36 982 135	36 982 135	0	100
2001	29	29	100	55 212 853	55 212 854	0	100
2002	32	32	100	64 357 778	64 357 778	0	100
2003	24	24	100	72 734 119	72 734 119	0	100
2004	29	29	100	77 133 930	77 111 770	22 160	100
2005	28	27	96	70 576 671	68 042 259	2 534 412	96
2006	22	22	100	65 484 461	64 473 610	1 010 851	98
2007	25	24	96	66 555 270	66 005 270	550 000	99
2008	28	27	96	40 839 663	39 943 059	896 604	98
2009	23	19	83	27 072 190	25 447 013	1 625 177	94
2010	16	16	100	1 533 623	1 148 623	385 000	75
2011	10	5	50	44 854 962	32 254 404	12 600 558	72
2012	11	1	9	12 485 679	2 838 230	9 647 449	23
2013	8	1	13	44 613 067	77 698	44 535 369	0
<b>Total</b>	<b>1,034</b>	<b>1,005</b>	<b>97</b>	<b>1 030 445 178</b>	<b>956 574 929</b>	<b>73 870 249</b>	<b>93</b>

\*Excluye proyectos cerrados y transferidos.

## Parte II: Progresos logrados en la ejecución de proyectos en 2013

6. La Secretaría examinó la situación de la ejecución país por país teniendo en cuenta las demoras en la ejecución que han ocurrido con respecto a las fechas previstas de terminación que se habían notificado en 2013, las posibles consecuencias de estas demoras sobre la eliminación y la tasa de desembolso prevista, y tomó nota de que el Banco Mundial había terminado 54 por ciento de los proyectos que había planificado terminar en 2013 y alcanzó el 64 por ciento del objetivo de eliminación previsto. El Banco Mundial había previsto desembolsos en nueve países o regiones y alcanzó una tasa general de desembolso del 127 por ciento en 2013.

<sup>4</sup> Los datos se presentan con arreglo al año en que el Comité Ejecutivo aprobó un proyecto. Se tratan equitativamente todas las aprobaciones (proyectos de inversión ajenos a la inversión), es decir que un proyecto de inversión o un tramo de financiación de un acuerdo plurianual de 1 millón de \$EUA se considera como un proyecto, al igual que la preparación de programas de país por valor de 30 000 \$EUA). Los indicadores importantes del resumen anual son: porcentaje de proyectos terminados, PAO eliminadas y porcentaje de fondos desembolsados. Al examinar los datos sobre los fondos desembolsados, cabe señalar que hay tres tipos de desembolsos: durante la ejecución, después de la ejecución y para proyectos financiados retroactivamente.

7. En esta parte del informe sobre la marcha de las actividades se resumen los progresos y la información financiera relativa a los siguientes proyectos en curso<sup>5</sup>.

- a) actividades relacionadas con CFC y CTC;
- b) proyectos para la eliminación del consumo de metilbromuro;
- c) proyectos relacionados con inhaladores de dosis medida, eliminación de residuos de SAO y enfriadores;
- d) proyectos relacionados con la eliminación de HCFC, incluyendo preparación de proyectos, proyectos de demostración, planes de gestión de la eliminación de los HCFC y planes de gestión de la eliminación de la producción de HCFC;
- e) proyectos de fortalecimiento institucional; y
- f) costos administrativos.

#### Actividades relacionadas con CFC y CTC

8. Al 31 de diciembre de 2013, estaban todavía en curso dos acuerdos plurianuales para la eliminación de CFC y CTC. Todas las actividades de eliminación relacionadas con 23 acuerdos plurianuales se habían terminado, quedando sólo pendiente el cierre financiero y la presentación de informes de terminación de proyectos, cuando correspondiere. Las dos actividades en curso, incluyendo los planes de eliminación acelerada de la producción de CFC y de eliminación de CTC en la India se han notificado ahora como terminadas desde el punto de vista operacional en 2014.

#### Proyectos para la eliminación del consumo de metilbromuro

9. Al 31 de diciembre de 2013, estaba todavía en curso un acuerdo plurianual para la eliminación del consumo de metilbromuro en Viet Nam. El programa anual final y la solicitud de tramo se presentaron a la 72ª Reunión. En 2013, el consumo del metilbromuro del país de 49,98 toneladas PAO estaba por debajo del consumo máximo permitido. De los 1 058 284 \$EUA aprobados por el Comité Ejecutivo, se habían desembolsado al 31 de diciembre de 2014 1 037 698 \$EUA. Se prevé terminar el proyecto para diciembre de 2014.

#### Inhaladores de dosis medida, eliminación de residuos de SAO y enfriadores

##### *Aerosoles farmacéuticos e inhaladores de dosis medida*

10. El Banco Mundial está ejecutando un proyecto en el sector de aerosoles farmacéuticos en China (CPR/ARS/51/INV/447) que fue aprobado en marzo de 2007. El organismo indicó que las actividades de asistencia técnica para establecer las especificaciones de los sustitutos se han completado y que la Administración Estatal de Alimentos y Medicamentos promulgó una prohibición del uso de CFC en productos farmacéuticos que no son inhaladores de dosis medida. Además, en mayo de 2013 se firmaron los contratos adicionales de eliminación de SAO relacionados con 26 empresas. Los fondos para el proyecto se desembolsaron completamente a China debido al cierre del proyecto general en junio de 2013. La Oficina de Cooperación Económica Exterior/Ministerio de Protección Medioambiental y la

<sup>5</sup> Los proyectos en curso son todos los proyectos que han sido aprobados por el Comité Ejecutivo y se estaban ejecutando al 31 de diciembre de 2013. Los indicadores principales del progreso de los mismos comprenden: porcentaje de fondos desembolsados y porcentaje de proyectos que han comenzado a desembolsar fondos; financiación prevista a desembolsar para finales del año (fondos desembolsados más desembolsos estimados en 2013) como porcentaje de la financiación aprobada; duración promedio de la demora en la ejecución prevista (terminación de proyecto por propuesta y fecha de terminación prevista actualmente); e información proporcionada en la columna de observaciones de la base de datos del informe sobre la marcha de las actividades.

Administración Estatal de Alimentos y Medicamentos decidieron que el plazo para el desembolso relativo a estos contratos será el 31 de diciembre de 2014. Todos los saldos a finales de 2014 deberían devolverse al Fondo en 2015. Se prevé que el proyecto quede terminado para diciembre de 2014.

11. El Banco Mundial también está ejecutando un proyecto de conversión de inhaladores de dosis medida en la Argentina (ARG/ARS/56/INV/159) que fue aprobado en noviembre de 2008. El Banco Mundial indicó que el “Laboratorio Pablo Cassará” presentó a la autoridad de salud pública su nueva fórmula basada en propulsores de hidrocarburos para que la examinara y ha solicitado aprobación para llevar el producto al mercado. Se espera la aprobación de la nueva fórmula. Los CFC ya no se utilizan como propulsores en las fórmulas de salbutamol. Se prevé terminar el proyecto para diciembre de 2014.

#### *Eliminación de residuos de SAO*

12. El Banco Mundial recibió financiación para la preparación de proyectos de eliminación de residuos de SAO en Indonesia (IDS/DES/57/PRP/187) y Filipinas (PHI/DES/57/PRP/85) y ha utilizado fondos para preparar estudios que se presentaron a la 73<sup>a</sup> Reunión<sup>6</sup>.

#### *Proyectos sobre enfriadores*

13. El Banco Mundial está ejecutando los siguientes proyectos en el marco del proyecto mundial de sustitución de enfriadores (GLO/REF/47/DEM/268), aprobado en noviembre de 2005, y para el cual se han desembolsado solamente 1 567 640 \$EUA de los 3 735 556 aprobados, como se indica en el Cuadro 4.

**Cuadro 4: Situación de la ejecución de proyectos sobre enfriadores**

<b>País</b>	<b>Situación del proyecto</b>
Argentina	El proyecto se incorporó en un nuevo Acuerdo de donación entre el Gobierno y el Banco Mundial; el país está preparando actualmente un decreto presidencial para hacer efectivo el Acuerdo de donación y se prevé que el mismo entre en vigor en 2014.
India	En 2013 se sustituyeron cuatro enfriadores y se organizaron varias reuniones con fabricantes de enfriadores y posibles beneficiarios. También se desarrolló una iniciativa sobre eficiencia energética.
Indonesia	El proyecto se ha cancelado por no haberse obtenido el aval del Fondo para el Medio Ambiente Mundial debido a objeciones planteadas por el Consejo sobre posible uso de refrigerantes basados en HFC en los sustitutos.
Jordania	El proyecto ha sido terminado y se han recuperado 4 toneladas métricas de CFC.
Filipinas	El Banco Mundial aprobó la reestructuración del proyecto. El Gobierno identificó 46 posibles enfriadores para ser sustituidos; se han recibido cartas de intención confirmando el registro de 25 enfriadores. Para finales de 2013, se firmaron ocho subacuerdos de donación que abarcan la sustitución de 13 enfriadores. El sistema de vigilancia en línea está funcionando actualmente y se ha desarrollado un plan de comercialización para alentar a más propietarios de enfriadores a que participen en el proyecto.

14. El Comité Ejecutivo podría solicitar al Banco Mundial que proporcione a la 74<sup>a</sup> Reunión una actualización de la situación de los desembolsos para el proyecto mundial de demostración de enfriadores incluyendo la firma del acuerdo de donación del componente de la Argentina.

<sup>6</sup>El informe de estos estudios figura en el documento de informes de situación y cumplimiento (UNEP/OzL.Pro/ExCom/73/17).

## Proyectos relacionados con la eliminación de HCFC

### *Preparación de planes de gestión de la eliminación de los HCFC*

15. Al 31 de diciembre de 2013, el Comité Ejecutivo había aprobado 2,6 millones de \$EUA para 18 actividades de preparación en siete países del Artículo 5 para encarar las medidas de control de los HCFC. La ejecución de estas actividades resultó en la aprobación de la etapa I de los planes de gestión de la eliminación de HCFC en seis países del Artículo 5<sup>7</sup>.

### *Proyectos de demostración sobre HCFC*

16. El Comité Ejecutivo ha aprobado dos proyectos de demostración sobre HCFC en el sector de espumas de China. Al 31 de diciembre de 2013, un proyecto se había terminado y el otro proyecto (CPR/FOA/59/DEM/491), que abarca tres empresas y fue aprobado en noviembre de 2009, todavía está en ejecución. El Banco Mundial indicó que de las tres empresas, una había recibido aprobación de las autoridades locales para iniciar la producción comercial, otra desmanteló su equipo básico y recibió aprobación del departamento de bomberos para iniciar la producción comercial con una nueva tecnología pero todavía queda pendiente la aprobación de la Oficina de Protección Medioambiental, y otra recibió su equipo e inició los ensayos pertinentes. Durante los ensayos se identificó un problema técnico con la calidad del producto que se prevé quedará resuelto para finales de marzo de 2014. Ahora se ha notificado que los proyectos de demostración sobre HCFC en el sector de espumas de China han quedado terminados desde el punto de vista operacional en 2014.

### *Planes de gestión de la eliminación de los HCFC*

17. Al 31 de diciembre de 2013, se estaban ejecutando seis acuerdos plurianuales sobre HCFC en seis países por valor de 111,48 millones de \$EUA en principio, para los cuales se han aprobado 75,93 millones de \$EUA para actividades de tramos. El Comité Ejecutivo también aprobó dos proyectos individuales sobre HCFC, a saber un proyecto de inversión y uno de asistencia técnica. Estos proyectos individuales se han terminado. Los problemas identificados durante el examen sobre la marcha de las actividades se resumen en el Cuadro 5.

### **Cuadro 5: Situación de la ejecución de acuerdos plurianuales sobre HCFC con problemas de ejecución**

<b>País</b>	<b>Situación del proyecto</b>
Argentina	El Acuerdo de donación se ha negociado y finalizado pero todavía está pendiente su aprobación por decreto presidencial. No obstante, el Banco Mundial informó que se había utilizado la modalidad de financiación retroactiva para permitir que el país iniciara la adquisición del nuevo equipo.
Indonesia	La baja tasa de desembolso se debe a la firma tardía del Acuerdo que tuvo lugar en julio de 2013. Desde esa fecha, se ha firmado acuerdos entre la Dependencia Nacional del Ozono y tres compañías fabricantes de espuma. Se han liberado los primeros pagos a tres compañías que han iniciado sus conversiones y se encuentran actualmente diseñando sus líneas de producción de ciclopentanos.
Jordania	La tasa de desembolso nula se debe a la firma tardía del Acuerdo de donación (solamente en mayo de 2013) y a algunas demoras en el procesamiento de los desembolsos. Se ha actualizado la legislación correspondiente y se publicó el sistema de cuotas de HCFC para enero de 2013. De los tres subacuerdos de donación con las tres empresas, uno se firmó en febrero de 2014 y se prevé la firma de otro para septiembre de 2014. Además, se celebró un taller para importadores de HCFC, incluyendo fabricantes de equipo de aire acondicionado. Se prevé presentar en 2015 la solicitud de segundo tramo.

<sup>7</sup> Una de las siete actividades de preparación se dirigió a las Filipinas donde el Banco Mundial no es organismo de ejecución para la etapa I del plan de gestión de la eliminación de los HCFC aprobada.

País	Situación del proyecto
Tailandia	El Acuerdo de donación, que requiere la aprobación del gabinete y cuya negociación finalizó en febrero de 2014, fue presentado al Gobierno para que lo refrendara en abril de 2014. Dada la situación política del país, se prevé su aprobación después de la selección del nuevo gabinete y una vez renovado el compromiso del Banco Mundial.

18. El Comité Ejecutivo podría solicitar al Banco Mundial que presente a la 74<sup>a</sup> Reunión una actualización sobre la firma de los acuerdos de donación para los planes de gestión de la eliminación de HCFC en la Argentina y Tailandia, así como las tasas de desembolso para los planes de gestión de la eliminación del CFC en Indonesia y Jordania.

#### *Planes de gestión de la eliminación de la producción de los HCFC*

19. Al 31 de diciembre de 2013, el Comité Ejecutivo había aprobado el plan de gestión de la eliminación de la producción de HCFC para un país del Artículo 5 (China). El Banco Mundial informó que las cuotas de producción para 2013 se habían publicado y que el Gobierno de China firmó los contratos de reducción de cuotas con seis productores de HCFC-141b y seis de HCFC-142b por un valor total de 10,427 millones de \$EUA. También se publicaron las cuotas de producción para 2014. Treinta y tres por ciento del primer tramo de financiación se transfirió a China en febrero de 2014. En consecuencia, en 2013 no se registraron desembolsos. Se desembolsaron 5 213 500 \$EUA con respecto a 12 contratos durante el primer trimestre de 2014 por parte del Gobierno de China y se alcanzó el objetivo de producción para 2013.

#### Proyectos de fortalecimiento institucional

20. El Comité Ejecutivo ha aprobado 45 proyectos de fortalecimiento institucional en siete países, lo que son ejecutados por el Banco Mundial. Al 31 de diciembre de 2013, se habían terminado 43 proyectos de fortalecimiento institucional y estaban en curso dos proyectos (Jordania y Tailandia). El Banco Mundial no ha renovado sus actividades de fortalecimiento institucional durante 2013.

#### Costos administrativos

21. De los 1030 millones de \$EUA netos aprobados para ejecución de proyectos, 101,91 millones de \$EUA se han desembolsado para costos administrativos, resultando en una relación general de costos administrativos de 9,9 por ciento desde 1991. En 2013, de los 44,61 millones de \$EUA aprobados, se han desembolsado para costos administrativos 4,55 millones de \$EUA.

### **Parte III: Observaciones y recomendaciones de la Secretaría**

#### Observaciones

##### *Demoras en la ejecución*

22. Hay un proyecto con demoras en la ejecución tras tener en cuenta los proyectos que ya no están sujetos a supervisión, en relación con las decisiones del Comité Ejecutivo. Este proyecto, que figura en el Apéndice I del Anexo III del informe refundido sobre la marcha de las actividades (UNEP/OzL.Pro/ExCom/73/10), ya había sido clasificado también en la categoría de demoras en la ejecución en 2012. El Comité Ejecutivo podría tomar nota de que el Banco Mundial informará a la 74<sup>a</sup> Reunión sobre un proyecto con demoras en la ejecución.



*Racionalización del informe anual sobre la marcha de las actividades y financiero*

23. La Secretaría reconoció los esfuerzos del Banco Mundial y su capacidad para describir las actividades en la columna Observaciones con arreglo a la Decisión 70/7 b) i)<sup>8</sup>. No obstante, con frecuencia parece no haber ningún problema en la ejecución pero en algunos casos no estaba claro si las actividades descritas eran todas las actividades previstas durante el período de notificación o si se habían registrado demoras. Para lograr una aplicación fluida de la Decisión 70/7 b) i), el Banco Mundial y la Secretaría convinieron en adoptar un formato de informe teniendo en cuenta los aspectos específicos de los proyectos del Banco Mundial. A continuación se presenta el nuevo formato de informe:

- a) En el caso de los tramos anuales de los planes de gestión de la eliminación de los HCFC, la columna “Observaciones” contendrá los siguientes datos e hitos cuando corresponda:

Acuerdos de trabajo o institucionales convenidos (mes/año); Acuerdos de donación firmados (mes/año); mandatos para el apoyo técnico y de ejecución terminados (mes/año); breve resumen de los progresos alcanzados en el año de notificación incluyendo toda firma de subacuerdos de donación y el próximo hito o acción; ¿demoras registradas durante el año de notificación? (sí/no), en caso afirmativo, razones de la demora, medidas para resolverla y posibles consecuencias sobre la fecha de terminación del proyecto; ¿existen problemas en curso (que dificulten la ejecución)? (sí/no), en caso afirmativo ¿se requiere alguna medida del ExCom? Todos los fondos desembolsados (mes/año).

- b) Para los proyectos ajenos a la inversión, la columna “Observaciones” contendrá los siguientes datos e hitos, cuando corresponda:

Acuerdos de trabajo o institucionales convenidos (mes/año); Acuerdos de donación firmados (mes/año); mandatos para el apoyo técnico y de ejecución terminados (mes/año); breve resumen de los progresos alcanzados en al año de notificación incluyendo toda firma de subacuerdos de donación y el próximo hito o acción; ¿demoras registradas durante el año de notificación? (sí/no), en caso afirmativo, razones de la demora, medidas para resolverla y posibles consecuencias sobre la fecha de terminación del proyecto; ¿existen problemas en curso (que dificulten la ejecución)? (sí/no), en caso afirmativo ¿se requiere alguna medida del ExCom?

*Discrepancias en los datos*

24. Permanecen varias incongruencias de datos entre los datos del Inventario de proyectos aprobados de la Secretaría y los datos del informe sobre la marcha de las actividades del Banco Mundial, a saber:

- a) La eliminación para el sector de producción por propuesta varía entre el informe sobre la marcha de las actividades y el Inventario, indicándose en el informe sobre la marcha de las actividades 7 000 toneladas PAO de eliminación más que en el Inventario;
- b) Dos proyectos se clasifican como terminados desde el punto de vista financiero pero hay saldos de fondos remanentes que no han sido devueltos;

<sup>8</sup> El Comité Ejecutivo pidió que al presentar sus informes sobre la marcha de las actividades los organismos de ejecución confirmen si las actividades notificadas para el período de examen representan todas las previstas o que proporcione sistemáticamente para cada proyecto en la columna Observaciones de su informe anual sobre la marcha de las actividades y financiero la lista de actividades previstas pero no ejecutadas, las razones de la demora en la ejecución de dichas actividades, el plan de acción para resolver los problemas, y si la demora en la ejecución de determinadas actividades tendría consecuencias sobre la fecha de terminación del proyecto.

- c) Los datos presentados con respecto a los fondos comprometidos por el Comité Ejecutivo y los fondos liberados no corresponden con los datos de la Secretaría;
- d) Hay un proyecto en el informe sobre la marcha de las actividades del Banco Mundial que no figura en el Inventario (PHI/REF/19/INV/45);
- e) Hay un proyecto aprobado sin un monto aprobado que no corresponde a los datos de la Secretaría;
- f) En su 71ª Reunión, el Comité Ejecutivo convino en que debería aplicarse una nueva modalidad a aquellos proyectos en que los fondos se transferían del organismo de ejecución a un país para su distribución final a las empresas. El Banco no proporcionó ese indicador pero incluyó también la financiación para el proyecto sobre aerosoles (CPR/ARS/51/INV/447). Con la inclusión de este proyecto, se ha identificado esta modalidad también para proyectos no relacionados con los HCFC en China;
- g) Permanecen diferencias en las estimaciones de PAO donde los datos del inventario indican una eliminación de 11 000 toneladas PAO más que en el informe sobre la marcha de las actividades del Banco Mundial; y
- h) Hay ajustes de proyectos que son diferentes en el informe sobre la marcha de actividades del Banco Mundial y en el Inventario, pero dichas diferencias ya se han tenido en cuenta con respecto a la conciliación de cuentas con la excepción de la preparación de proyecto en la Argentina para el sector de espumas (ARG/FOA/65/PRP/167), que deberá tratarse en la próxima conciliación.

25. Las discrepancias con respecto a asuntos financieros han sido o serán resueltas en el contexto de la conciliación de cuentas anual. Las otras discrepancias en los datos se tratarán en la presentación del informe anual sobre la marcha de las actividades y financiero correspondiente a 2014.

*Informes de situación solicitados en la 72ª Reunión para presentar a la 73ª Reunión*

26. La Secretaría examinó los informes de situación solicitados en la 72ª Reunión teniendo en cuenta la información actualizada proporcionada en el informe sobre la marcha de las actividades para 2013 a efectos de determinar si los problemas identificados en la 72ª Reunión se habían resuelto. Los problemas planteados en dicha reunión continúan siendo objeto de un informe actualizado.

## **RECOMENDACIONES**

27. El Comité Ejecutivo podría:

- a) Tomar nota de lo siguiente:
  - i) El informe sobre la marcha de las actividades del Banco Mundial al 31 de diciembre de 2013, según aparece en el documento UNEP/OzL.Pro/ExCom/73/15;
  - ii) El Banco Mundial informará a la 74ª Reunión sobre un proyecto con demoras en la ejecución ya clasificado como tal en 2012, según se indica en el Apéndice I del Anexo III del informe refundido sobre la marcha de las actividades (UNEP/OzL.Pro/ExCom/73/10);

- b) Solicitar al Banco Mundial que presente más informes de situación a la 74ª reunión para supervisar:
  - i) Las tasas de desembolso de los fondos aprobados para el proyecto mundial de demostración en el sector de enfriadores (GLO/REF/47/DEM/268) y la firma del Acuerdo de donación para el componente de la Argentina;
  - ii) La firma del Acuerdo de donación para los planes de gestión de la eliminación de los HCFC en la Argentina y Tailandia;
  - iii) Las tasas de desembolso de los fondos aprobados para los planes de gestión de la eliminación de los HCFC en Indonesia y Jordania; y
- c) Solicitar al Banco Mundial y a la Secretaría que informen sobre la solución de la diferencia en la eliminación de 11 000 toneladas PAO en el sector de consumo y de 7 000 toneladas PAO en el sector de producción entre el Inventario de proyectos aprobados y el informe sobre la marcha de las actividades del Banco Mundial.



Annex I

WORLD BANK PROJECT IMPLEMENTATION BY COUNTRY

Country	Phased out in 2013	Percentage of planned phase-out achieved in 2013	Estimated funds disbursed in 2013 (US\$)	Funds disbursed in 2013 (US\$)	Percentage of funds disbursed over estimation in 2013	Percentage of planned projects completed in 2013
Algeria	0.0			0		
Antigua and Barbuda	0.0			0		
Argentina	1.5	100%	553,000	260,998	47%	100%
Bahamas (the)	0.0			0		
Bangladesh	0.0			0		
Brazil	0.0			0		
Chile	0.1			1		
China	242.3	69%	21,878,856	34,754,746	159%	20%
Colombia	0.0			0		
Ecuador	0.0			0		
Egypt	0.0			0		
Ghana	0.0			0		
Global	0.0		880,000	157,828	18%	100%
Guatemala	0.0			0		
India	0.0		1,436,774	225,003	16%	0%
Indonesia	0.1	0%	300,000	157,897	53%	0%
Iran (Islamic Republic of)	0.0			0		
Jordan	0.0	0%	331,300	35,666	11%	0%
Kenya	0.0			0		
Malaysia	0.0			0		
Mexico	0.1			0		
Nigeria	0.0			0		
Oman	0.0			0		
Pakistan	0.0			0		
Philippines (the)	0.0		50,000	17,495	35%	0%
Serbia	0.0			0		
Slovenia	0.0			0		
Sri Lanka	0.0			0		
Thailand	73.4	100%	2,538,556	1,224,702	48%	100%
Trinidad and Tobago	0.0			0		
Tunisia	0.0			0		
Turkey	0.0			2		
Uruguay	0.0			0		
Venezuela (Bolivarian Republic of)	0.0			0		
Viet Nam	10.0	18%	1,611,837	766,066	48%	33%
Zimbabwe	0.0			0		
<b>Grand Total</b>	<b>327.7</b>	<b>64%</b>	<b>29,580,323</b>	<b>37,600,405</b>	<b>127%</b>	<b>54%</b>

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# ANNUAL PROGRESS REPORT

BANK-IMPLEMENTED  
MONTREAL PROTOCOL OPERATIONS

January - December 2013

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- Annex I: Country Developments
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## I. PROJECT APPROVALS AND DISBURSEMENTS

### A. Annual Summary Data

1. Implementation of World Bank Multilateral Fund activities has advanced in the calendar year 2013. Maintaining a cumulative ODP phaseout of over 302,000 metric tonnes (MT), over 100 percent of the total ODP to be phased out through World Bank conversion and closure projects has been achieved. Cumulative disbursement for the entire World Bank portfolio in the year 2013 is US\$956.57 million. Eight new project approvals by the MLF have increased the number of active projects in the Bank's portfolio to a total of 1,034. The cumulative number of ongoing multi-year projects in the Bank's portfolio, including newly approved multi-year HCFC phaseout projects, was 10 in 2013.

2. Implementing Agency performance is measured by a set of nine weighted performance indicators in accordance with Executive Committee Decision 41/93. In 2013, six annual programs associated to existing and new multi-year agreements were submitted and approved out of seven planned in the approved table of World Bank 2013 performance targets, which is 86% percent of the target of this "approval" indicator. In regards to the ODP phaseout target which is covered in two of four "implementation" indicators that deal with multi-year projects on the one hand, and with individual projects on the other, the World Bank can claim phaseout of a total of 327 tonnes in ODP consumption for 2013 from the ongoing individual and multiyear projects. The target has been achieved if taking account the phase-out from two ongoing individual projects in 2013. In the context of multi-year projects, the indicator of milestone activities was 100% completed. World Bank performance for all four implementation indicators is highlighted in Section IV of this annual report.

3. The World Bank met two of its three "administrative" indicators for 2013. The 2013 Progress Report was submitted on time. In its 2013 Business Plan, the Bank committed to submit to the Executive Committee 100 percent of PCRs for the number of projects completed in the 2013 PCR reporting period. In the PCR reporting period (July 2012-June 2013), four investment projects completed which require PCRs. Five PCRs were submitted in 2013. If these are counted against the PCR target set with the Senior Monitoring and Evaluation Officer for CY2012, then the Bank achieved this target by more than 100%. In terms of speed of financial completion, a third administrative indicator, the actual speed was more than double of the 2013 target of 30 months primarily because of the impact of tranches of multi-year agreements physically completed over a long duration. This is explained further in Section IV.

4. According to Decision 41/93, the MLF Secretariat was requested to continue to monitor traditional indicators of performance on the basis of trend analysis. These indicators include disbursement, value of projects approved, cost of project preparation, cost-effectiveness, distribution of projects among countries, speed of first disbursement, speed of completion and net emission due to delays. 2013 outcomes in relation to these traditional indicators are also provided in Section IV.

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Table I-1: Annual Summary

Yr. Apprvd. / Impl. Char.	No. of Approvals*	No. Completed	% Completed	Consumption ODP to be Phased Out*	Consumption ODP Phased Out	% of Consumption ODP Phased Out	Production ODP to be Phased Out*	Production ODP Phased Out	% of Production ODP Phased Out	Approved Funding plus Adjustment (US\$)	Funds Disbursed (US\$)	% of Funds Disbursed	Balance (US\$)	Estimated Disbursement in Current Year (US\$)	Support Costs Approved (US\$)	Support Cost Adjustments (US\$)
1991	42	42	100%	536	600	112%	0	0	0%	5,429,404	5,429,404	100%	0	0	820,000	-534,564
1992	76	76	100%	18,441	18,276	99%	0	0	0%	28,047,705	28,047,705	100%	0	0	1,347,550	-396,573
1993	79	79	100%	2,468	3,054	124%	0	0	0%	42,538,405	42,538,405	100%	0	0	1,179,000	-276,805
1994	91	91	100%	8,894	9,178	103%	1,200	1,200	100%	4,108,1267	4,108,1267	100%	0	0	1,418,963	113,858
1995	112	112	100%	3,648	3,565	98%	0	0	0%	47,224,186	47,224,186	100%	0	0	5,478,734	-764,883
1996	55	55	100%	3,610	3,312	92%	0	0	0%	29,319,479	29,319,479	100%	0	0	4,465,744	-621,460
1997	95	95	100%	17,308	17,257	100%	11,739	11,739	100%	56,173,103	56,173,103	100%	0	0	8,100,603	-1,156,010
1998	59	59	100%	8,837	8,783	99%	5,826	5,826	100%	35,959,418	35,959,418	100%	0	0	4,804,453	-501,628
1999	73	73	100%	8,016	7,992	100%	5,970	5,970	100%	64,235,810	64,173,138	100%	62,672	0	6,207,035	333,465
2000	67	67	100%	2,978	3,260	109%	8,793	8,793	100%	36,982,135	36,982,135	100%	0	0	3,744,868	-182,406
2001	29	29	100%	6,067	6,067	100%	8,384	8,384	100%	55,212,853	55,212,854	100%	0	0	4,482,838	564,673
2002	32	32	100%	6,495	6,699	103%	7,443	7,443	100%	64,357,778	64,357,778	100%	0	0	7,174,301	-69,512
2003	24	24	100%	3,966	3,978	100%	7,421	7,421	100%	72,734,119	72,734,119	100%	0	0	7,029,910	252,991
2004	29	29	100%	4,451	4,468	100%	16,065	16,065	100%	77,133,930	77,111,770	100%	22,160	0	7,369,146	85,787
2005	28	27	96%	19,359	23,049	119%	46,273	46,342	100%	70,576,671	68,042,259	96%	2,534,412	150,000	7,381,049	-447,534
2006	22	22	100%	1,260	1,260	100%	18,444	18,444	100%	65,484,461	64,473,610	98%	1,010,851	0	6,490,404	-61,315
2007	25	24	96%	2,989	2,989	100%	17,115	17,115	100%	66,555,270	66,005,270	99%	550,000	0	6,860,290	-392,516
2008	28	27	96%	2,460	2,348	95%	19,463	19,463	100%	40,839,663	39,943,059	98%	896,604	279,000	4,834,395	-223,029
2009	23	19	83%	711	706	99%	690	690	100%	27,072,190	25,447,013	94%	1,625,177	866,757	3,564,606	-406,920
2010	16	16	100%	674	674	100%	0	0	0%	1,533,623	1,148,623	75%	385,000	0	1,868,548	-423,936
2011	10	5	50%	81	10	12%	0	0	0%	44,854,962	32,254,404	72%	12,600,558	10,156,652	5,099,184	-3,981
2012	11	1	9%	168	0	0%	0	0	0%	12,485,679	2,838,230	23%	9,647,449	6,868,235	2,765,746	0
2013	8	1	13%	377	0	0%	0	0	0%	44,613,067	77,698	0%	44,535,369	24,865,285	3,203,077	1,344,000
Total	1,034	1,005	97%	123,795	127,524	103%	174,826	174,895	100%	1,030,445,178	956,574,929	93%	73,870,249	43,185,928	105,690,444	-3,768,297

\* Excludes Closed and Transferred Projects.  
Includes Project Preparation.

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

5. Table I-2 summarizes the entire portfolio of World Bank project approvals, adjustments and disbursements by type of project or activity. As can be seen from the table, the major proportion of the Bank's approved funding to date has gone for investment projects, US\$1,002,378,580. The amounts allocated for institutional strengthening and country program development are US\$8,402,668 and US\$2,383,906 respectively.

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

Type	No. of Approvals *	No. Completed	% Completed	Approved Funding (US\$)	Adjustment (US\$)	Funds Disbursed (US\$)	% of Funds Disbursed	Balance (US\$)	Est. Disbursement in Cur. Year (US\$)
Country Programme Preparation	29	29	100%	2,383,906	-756,174	1,627,732	100%	0	0
Demonstration Projects	6	4	67%	10,290,814	-3,330,680	4,342,801	62%	2,617,334	536,746
Institutional Strengthening Projects	45	43	96%	8,402,668	-244,662	7,742,235	95%	415,771	220,105
Investment Projects	615	597	97%	1,002,378,580	-24,736,242	907,410,675	93%	70,231,664	42,037,056
Project Preparation	274	272	99%	32,691,462	-8,009,587	24,616,864	100%	65,011	65,011
Technical Assistance Projects	61	56	92%	14,103,320	-3,033,994	10,528,856	95%	540,470	327,011
Training Projects	4	4	100%	686,000	-380,234	305,766	100%	0	0
<b>Total</b>	<b>1,034</b>	<b>1,005</b>	<b>97%</b>	<b>1,070,936,750</b>	<b>-40,491,572</b>	<b>956,574,929</b>	<b>93%</b>	<b>73,870,249</b>	<b>43,185,928</b>

### C. Multi-year Agreements

6. The World Bank has received approval for a total of 31 multi-year projects as of the end of 2013 with one of these having been cancelled before implementation start in 2006. The latest and sole approval of a multi-year agreement (MYA) in 2013 is Stage I of the China HCFC Production Phaseout Management Plan (HPPMP). Approved in principle for US\$95 million, the Stage I HPPMP will move 3,970 ODP tonnes of HCFCs out of production. The first tranche worth US\$24 million was released to China in April 2014. Details underpinning the agreement's execution between the Executive Committee and China for permanent HCFC elimination through 2015 were finalized in December 2013.

7. In addition to its role in leading implementation for the 31 multi-year projects, the World Bank was a Cooperating Agency for chiller replacements under two multi-year agreements with UNIDO as the Lead Agency (in Argentina and Mexico) which are, as of the end of 2013 both completed. It was also a Cooperating Agency for CFC phase-out sector plans under Indonesia's National ODS Phaseout Plan where UNDP was the Lead Agency.

8. Out of the cumulative ongoing multi-year activities in the Bank's portfolio, four annual programs (or plans) were approved in 2013, for the HCFC foam sector plan in China, for an HPMP and Methyl Bromide Phaseout Plan in Vietnam and the HCFC foam sector plan in Indonesia. The second half of the final tranche of the India Accelerated CFC Production Sector Plan was released in April 2013 and the work plan for the India CTC Consumption and Production Sector Plan was approved in July of the same year (without funding). Taken together, the tranches are worth over US\$20 million.

9. The four tranches approved belong to a group of nine previously approved multi-year projects that were ongoing as of the end of 2013. Three are for the sustainable phase-out of CFCs, CTC, and methyl bromide and six are multi-year projects involving the phase-out of HCFC consumption in the foam and air-conditioning sectors. These are in addition to the newly approved HPPMP.

10. As of 2013, 27 multi-year projects received full funding by the Executive Committee. Although fully funded for phase-out taking place by 2010, several of these projects continue to be active in different ways. Decision 56/13 requires that sector plans in the foam, halon and CFC production sectors in China be tracked until the full utilization of the remaining balances. In accordance with Decision 56/13, the World Bank will continue to cooperate with China on monitoring the ongoing implementation of sector plan activities despite that the grant agreement (ODS IV) under which these sector plans fall closed on June 30, 2013. Completion of three remaining sector plans in India (two CFC production plans and the CTC sector plan) is expected in 2014 after which time, any balances will be settled.

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11. The reporting year saw the completion of three multi-year projects in the Bank's portfolio. The Thailand National CFC Phaseout Plan (NCPP) and the National Methyl Bromide Phase-out Plan completed by the end of December 2013 as had been planned per the 2012 Progress Report. This completion coincided with Decision 70/7 of the Executive Committee on ongoing, performance-based multi-year projects covering ODS with 1 January 2010 phaseout whereby Implementing Agencies were requested not to incur new commitments in 2013 and return fund balances by the end of the year.

12. The decision however impacted other ongoing MYAs under World Bank implementation in Argentina and India. In these cases, the countries were advised to stop implementation and return balances as of the end of 2013 to comply with the decision which has in effect unilaterally superseded bilateral agreements between countries and the Executive Committee. Thus, the chiller component of the Argentina NCPP was physically and financially completed 31 December 2013. The completion of the India CTC Consumption and Production Sector Plan was further defined by Decision 70/18 at the same Executive Committee meeting, allowing India to fulfill commitments made in an agreed work plan (hence planned completion in 2014).

13. All Stage I HCFC Phaseout Management Plans and HCFC Sector Plans that were targeted by the World Bank and its partner countries have, as of 2013, been approved by the Executive Committee for implementation under the World Bank. The total value of Stage I HPMPs and sector plans in the Bank's portfolio is more than US\$206 million. US\$99.9 million in funds have been released by the Executive Committee to date and the remainder of the funding will be released between 2014 and 2018.

14. All World Bank partner countries currently implementing multi-year projects, appear to have met their annual consumption and production targets for the 2013 calendar year – the first year of the HCFC phase-out compliance period for Article 5 countries. In addition, these countries have maintained the total phaseout from previous agreements in 2013 according to preliminary information. Table I-3 presents a summary of multi-year agreements for projects under World Bank implementation. Additional country information is also found in Annex I of this report.

**Table I-3: Multi-Year Projects**

Country	Sector Plan/National ODS Phase-Out Plan	Date Apprvd.	Planned Date of Completion (inc. revised)	Actual 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 Consumption 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*
Antigua Barbuda	CFC phase-out management plan	Dec-04	Dec-11		97,300	97,300	62,987	1.8	0	0	0	0	0
Argentina	CFC production closure plan	Nov-02	Dec-09		10,600,000	10,600,000	10,600,000	0	0	0	3,020	0	0
Argentina	National CFC phase-out plan	Nov-05	Dec-13		500,000	500,000	236,630	2	0	0	0	0	0
Argentina	HCFC phase-out management plan (stage I, first tranche)	Apr-12		Apr-17	914,612	914,612	0	18	0	0	0	0	0
Bahamas	Terminal CFC Phaseout Plan for The Bahamas	Dec-01	Jan-09		560,000	560,000	530,946	66	0	0	0	0	0
Chile	Phase-out of all the remaining uses of methyl bromide in soil application pest control	Apr-05		NA	2,547,156	691,703	0	136	0	0	0	0	0
China	Halon Sector	Nov-97	Dec-11		62,000,000	62,000,000	62,000,000	24,480	0	0	30,060	0	0
China	CFC Production Sector	Mar-99	Dec-10		150,000,000	150,000,000	150,000,000	0	0	0	44,931	0	0
China	Foam Sector	Dec-01	Dec-10		53,846,000	53,846,000	53,846,000	14,143	0	0	0	0	0
China	TCA Sector	Jul-04	Nov-10		2,100,000	2,100,000	2,100,000	0	0	0	113	0	0
China	CTC/PA Sector Phase I	Nov-02	Dec-11		65,000,000	65,000,000	65,000,000	11,160	0	0	52,162	0	0
China	CTC/PA Sector Phase II	Nov-05	Jul-10		46,500,000	46,500,000	46,500,000	6,945	0	0	0	0	0



Country	Sector Plan/National ODS Phase-Out Plan	Date Apprvd.	Planned Date of Completion (inc. revised)	Actual 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 Consumption 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*
China	HCFC phase-out management plan (polyurethane rigid foam sector plan) (stage I)	Jul-11		Dec-15	73,000,000	57,971,000	33,847,200	1,615	5,310	0	0	0	0
China	HCFC production phase-out management plan (stage I)	Apr-13		Jul-17	95,000,000	24,000,000	0	0	0	0	3,970	29,122	0
Ecuador	National CFC phase-out plan	Dec-03	Sep-09		1,194,471	1,194,471	1,194,471	246	0	0	0	0	0
India	CFC production sector gradual phase-out project	Nov-99	Nov-11		82,000,000	82,000,000	82,000,000	0	0	0	22,588	0	0
India	Accelerated CFC Production Phase-out	4/1/2008 (in principle)	Mar-14		3,169,900	3,169,900	3,169,900	0	0	0	690	0	0
India	CTC phase-out plan for the consumption and production sectors	Jul-03	Mar-14		38,100,954	38,100,954	37,629,080	11,505	0	0	11,553	0	0
Indonesia	Phase-out of residual CFCs in the foam sector	Apr-04	Jun-10		2,957,564	2,957,564	2,957,564	352	0	0	0	0	0
Indonesia	Refrigeration sector phase-out plan: MAC servicing sector	Nov-02	Mar-10		4,317,000	4,317,000	4,317,000	915	0	0	0	0	0

Country	Sector Plan/National ODS Phase-Out Plan	Date Apprvd.	Planned Date of Completion (inc. revised)	Actual 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 Consumption 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*
Indonesia	National strategy for phasing out the use of CFC in the aerosol sector: Policies and actions, technical assistance, and enterprise investment initiatives	Dec-04	Jun-10		371,910	371,910	371,910	70	0	0	0	0	0
Indonesia	HCFC Phase Out Plan (Stage I): Foam Sector Plan	Jul-11		Dec-15	2,714,187	2,442,767	300,000	34	n/a	n/a	0	0	0
Jordan	HCFC Phase Out Plan (Stage I): Air-conditioning Sector Plan	Nov-11		Nov-17	2,341,150	1,070,100	0	17	n/a	n/a	0	0	0
Mexico	National CFC phase-out plan: Chiller Subsector	Apr-05	Feb-06		500,000	500,000	500,000	0	0	0	0	0	0
Malaysia	National CFC phaseout plan	Dec-01	Dec-10		11,517,005	11,517,005	11,441,013	1,911	0	0	0	0	0
Philippines	National CFC phase out plan	Nov-02	Jun-11		8,381,671	8,381,671	8,381,671	2,018	0	0	0	0	0
Thailand	National CFC phaseout plan	Dec-01	Dec-13		14,728,626	14,728,626	12,638,593	3,108	0	0	0	0	0
Thailand	National methyl bromide phase-out plan	Dec-04	Dec-13		2,901,600	2,901,600	1,668,949	242	0	0	0	0	0

Country	Sector Plan/National ODS Phase-Out Plan	Date Apprvd.	Planned Date of Completion (inc. revised)	Actual 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 Consumption 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*
Thailand	HCFC phase-out management plan (stage I, first tranche)	Dec-12		Dec-18	22,749,072	4,817,166	0	220	928	0	0	0	0
Tunisia	National ODS phase-out plan	Jul-06	Jun-12		429,877	429,877	429,877	342	0	0	0	0	0
Turkey	CFC Phase-out plan for Turkey	Dec-01	Apr-08		9,000,000	9,000,000	8,565,903	977	0	0	0	0	0
Venezuela	Phased reduction and closure of the entire CFC production	Dec-04	Nov-09		16,500,000	16,500,000	16,500,000	0	0	0	4,400	0	0
Vietnam	National CFC and halon phase-out plan	Apr-05	Dec-10		1,260,000	1,260,000	1,259,448	259	0	0	0	0	0
Vietnam	National phase-out plan for methyl bromide	Nov-06		Nov-15	1,098,284	1,058,284	1,048,557	85	50	50	0	0	0
Vietnam	HCFC phase-out management plan (stage I, first tranche) (foam sector plan)	Apr-11		Dec-15	9,763,820	8,717,439	1,149,105	140	221	0	0	0	0

\*Reporting Year in this case is 2013. However, in line with the agreement reached with the MLF Secretariat and reflected in the 66<sup>th</sup> Meeting decision of the Executive Committee, more recent progress in the current year (2014) is included.

**Table I-3: Multi-Year Projects (cont.)**

Antigua Barbuda	CFC phase-out management plan	Project completed.
Argentina	CFC production closure plan	Project completed.
Argentina	National CFC phase- out plan	Given overall economic situation in Argentina and the requirement imposed by Dec. 70/7, it was not possible to initiate and finalize the chiller replacements that were planned during 2013. Only one chiller conversion agreement was finalized by the end of 2013: ALPARGATAS, 4 chillers. Project was closed 31 Dec. 2013.
Argentina	HCFC phase-out management plan (stage I, first tranche)	At the request of the GoA, the Grant Agreement (GA) was formally negotiated in early Jun 13, following which WBG approval was confirmed in late July. GoA has been processing the Presidential Decree required to make the GA effective. During project appraisal, option to proceed with retroactive financing was presented to MABE so as to prevent implementation delays. UEPRO and WBG team provided assistance to MABE to prepare bidding documents for procurement to commence. In early Dec 2013, GoA solicited a 6-month extension for the GA effectiveness deadline. The WB is using various senior GoA channels to prompt GA effectiveness. UEPRO carried out office-based monitoring and reporting of national HCFC-22 production, based on production and input information provided by the only producer, FIASA S.A. A supervision mission took place 17-18 Mar 14. The Decree package moved from the Ministry of Economy to the Presidential Office. Meanwhile, project activities continue to advance based on the use of the retroactive financing modality. MABE initiated a request for bids and has awarded the contract to purchase the new equipment with the goal of meeting its original completion target of Dec. 2014. The NOU and WBG received the 2013 monitoring report from UEPRO in Jan 2014. Total HCFC-22 production in 2013 was 1,951 tons well below the max. national production target of 4,083 tons for 2013.
Bahamas	Terminal CFC Phaseout Plan for The Bahamas	Project completed.
Chile	Phase-out of all the remaining uses of methyl bromide in soil application pest control	Project cancelled Jul 06.
China	Halon Sector	Project completed. Sector plan financially closed as June 30, 2013.
China	CFC Production Sector	CFC production for non-essential uses stopped by July 2007 but there was still demand for CFCs for non-MDI pharmaceutical products and for the refrigeration servicing sector. The supply for those applications are from the national stock of CFCs that is managed by FEEO and maybe some stocks held by dealers and former producers. Only qualified users can buy CFC from the national stock and stock of former producers - and only through the CFC procurement licensing system. Cost related to management and monitoring of CFC sales are covered by remaining funds of the sector plan. Some TA activities are still ongoing to ensure long term sustainability. Verification audit conducted in 2013 and submitted to the 71st ExCom Meeting.
China	Foam Sector	Project completed. Sector plan financially closed as June 30, 2013.
China	TCA Sector	TCA sector plan completed.
China	CTC/PA Sector Phase I	CTC/PA Sector Phase I completed..
China	CTC/PA Sector Phase II	CTC/PA Sector Phase II completed..

China	HCFC phase-out management plan (polyurethane rigid foam sector plan) (stage I)	As of end Dec. 13, 31 subgrant agreements were signed with committed funding of \$35.97 million. Including TA activities, total commitments under the first funding tranche is \$38.4 million. Additional 16 subgrant agreements were signed in Jan. 2014 with total commitment of \$22.05 million which will be funded by the second and third funding tranches. FECO has informally confirmed that the HCFC-141b consumption target for the foam sector for 2013 has been met.
China	HCFC production phase-out management plan (stage I)	HCFC production phase-out management plan and its first tranche approved in Apr. 2013. Production quotas for 2013 were issued. FECO signed quota reduction contracts with 6 HCFC-141b producers and 6 HCFC-142b producers with a total value of \$10.427 million. Production quotas for 2014 were issued. Thirty percent of the first funding tranche was transferred to China in Feb. 2014. There was no disbursement in 2013. A total of US\$ 5,213,500 was disbursed against 12 contracts during Q1 of CY14 from FECO. FECO has informally confirmed that the production target for 2013 has been met.
Ecuador	National CFC phase-out plan	Project completed. Original ExCom approval and funds released amount to US\$1,689,800. Upon closing, balance of \$495,329 was returned to the MLF at the 62nd ExCom Meeting.
India	CFC production sector gradual phase-out project	CFC production sector plan is now completed physically and financially.
India	Accelerated CFC Production Phase-out	Second part of the second tranche was approved by ExCom in Apr. 2013 and was under processing. Funding released by the WB to the designated account in Mar. 14. Final disbursement to four producers pending clearance by the Ozone Cell. Financial completion expected 31 Jul. 2014.
India	CTC phase-out plan for the consumption and production sectors	TA work plan approved in July 2013 and some funds disbursed for continued operation of the PMU.
Indonesia	Phase-out of residual CFCs in the foam sector	Project completed.
Indonesia	Refrigeration sector phase-out plan: MAC servicing sector	Project completed.

Indonesia	National strategy for phasing out the use of CFC in the aerosol sector: Policies and actions, technical assistance, and enterprise investment initiatives	Project completed.
Indonesia	HCFC Phase Out Plan (Stage I): Foam Sector Plan	Agreement between the WB and Government of Indonesia signed on 11 Jul 13. Project launch workshop arranged by NOU in Aug 13 and was followed by a training workshop for the 3 big foam enterprises to assist in preparing Foam Technology Replacement Proposals. The 3 foam enterprises, covering consumption of about 50% of targeted ODP phaseout, submitted the proposals to NOU in Sep 13, and this was followed with signing of subgrant agreements (in Nov and Dec 13) which include phaseout milestones. Due to internal admin. reasons, NOU was not able to mobilize consultants to help run the PMU. Therefore, during 2013, NOU acted also as PMU. Arrival of equipment, completion of civil structural and mechanical works expected by Aug 14. Foam Technology Replace Agreement (SGAs) have been signed between the NOU and 3 foam companies which has allowed companies to start equipment procurement. One enterprise has obtained the first payment in Dec. 13, while the first payment for the remaining 2 big foam companies expected to be released in the first quarter of 2014.
Jordan	HCFC Phase Out Plan (Stage I): Air-conditioning Sector Plan	Legislative updates and HCFC quota issued Jan. 13. Gov. of Jordan-WB negotiations on a new Grant Agreement completed Mar 13. GA approved by the Bank on 26 Apr. 13 and signed by GoJ and the Bank by 20 May 13. Workshop held for HCFC importers, including AC manufacturers. SGA and subproject document for 1 of 3 enterprises prepared and technically reviewed Sep. 13. Disbursement to start in early 2014 following some delays in processing of disbursement-related prerequisites. Disbursement under the AC Sector Plan was initiated in Jan. 2014 to retroactively finance project management expenditures incurred the previous year. A subgrant agreement (SGA) for 1 of 3 enterprises was signed Feb. 2014. Another subgrant agreement is under preparation for a second enterprise and is expected to be completed by Apr. 2014. Second tranche request is slated for the 73rd ExCom Meeting.
Mexico	National CFC phase-out plan: Chiller Subsector	Project completed.
Malaysia	National CFC phaseout plan	Project completed.
Philippines	National CFC phase out plan	Original ExCom approval and funds released amount to US\$10,216,876. Transfer of \$1.8 million balance of the overall NCPP done in Apr 12 by the WB. UNEP continued as IA for remaining NCPP servicing sector component.
Thailand	National CFC phaseout plan	Training of trainers of Office of Vocational Education Commission (OVEC) was conducted in Oct and Dec 13. Ninety sets of training equipment were acquired for 90 training centers of OVEC thru the voucher scheme. Delivery and commissioning of equipment was completed in Dec 13. Financial completion expected 30 Apr 14.
Thailand	National methyl bromide phase-out plan	No MB consumption for non-QPS in 2013; QPS use was 156.1 MT. 13 type I subprojects physically and financially completed and training on integrated pest management (IPM) and code of good practice on fumigation was provided to these beneficiaries. For type II beneficiaries, PMU-DoA successfully organized training on code of good practice and IPM in 4 locations across Thailand. As of completion of type II sub-projects, 83 vouchers for basic fumigation equipment and 81 vouchers for IPM equipment provided to beneficiary enterprises. Due to high responsiveness of enterprises, PMU-DoA reproduced an additional 500 copies of the Code of Good Practice Phosphine Fumigation. Financial completion expected 30 Apr 14.

Thailand	HCFC phase-out management plan (stage I, first tranche)	Pre-appraisal mission completed for new Grant Agreement (GA)/umbrella project. Implementation arrangements for HPMP Stage I discussed and agreed among all stakeholders. The Environmental Management Plans (EMPs) for the AC sector and Environmental Management Framework (EMF) for Foam Sector were prepared. Negotiation of the GA is to be conducted after disclosure of EMP and EMF. Negotiation of the GA successfully concluded on 27 Feb 14. The GA will be sent to the Thai Government for its counter-signature by mid-April which requires Cabinet approval. Because of this procedure, it is expected that the GA will be signed by Jun 14. Preliminary information indicates that Thailand's HCFC consumption respects the freeze level.
Tunisia	National ODS phase-out plan	Umbrella project closed in June 2012. Original ExCom approval and funds released amount to US\$1,135,395. Balance of NOPP funds transferred to UNIDO at the 68th Meeting of the ExCom.
Turkey	CFC Phase-out plan for Turkey	Refrigeration Sector Project (RSP) and overall ODS umbrella project with the World Bank physically and financially completed.
Venezuela	Phased reduction and closure of the entire CFC production	Project completed.
Vietnam	National CFC and halon phase-out plan	Project completed.
Vietnam	National phase-out plan for methyl bromide	Formats for MB Import License and Reporting on Fumigation updated thru a new circular issued in Jan 13. Law of Plant Protection and Quarantine was approved by the National Assembly in Nov 13. Training for fumigation service companies and owners of storage facilities ended, with 10 training workshops organized in 2013. In summary, a total of 26 3-day workshops with a total 718 participants held at 5 Regional Plant Quarantine Sub-Departments (RPQSD) assigned as training centers. Eight farmer training workshops organized with 4 completed in 2013. A total of 467 farmers and technicians trained. Public awareness materials including videos and leaflet templates were printed in Apr 13 and disseminated at workshops in Dalat and Sapa. 2014 plans include a survey on potential new MB alternatives for Non-QPS applications and 2 follow-up workshops. Final annual program and tranche request submitted on 17 Mar 2014 to the 72nd ExCom Meeting for its consideration. 2013 consumption limit respected in accordance with the agreement between ExCom and Vietnam with 49.98 ODP tons of MB consumed.
Vietnam	HCFC phase-out management plan (stage I, first tranche) (foam sector plan)	HCFC import quota issued for 2013. Foam enterprise study tour done Apr 13. Project launch workshop took place May 13. First subproject (MIDICO) out of 12 completed May 13. Another 7 enterprises signed subgrant agreements by end of Dec. 13 and 2 of these started equipment procurement. Workshops and training held for Customs and refrigeration sector. Four technical consultants hired, including one for developing the MIS for imported HCFC bulk and in preblended polyol one to support subproject implementation. 2013 consumption verification initiated and will be completed end of Apr 14. Preliminary information indicates that Vietnam's HCFC consumption is below the freeze level. Three TA activities are ongoing as scheduled. By end of Jun 14, it is expected that 3 beneficiary enterprises will have completed subprojects (MIDICO, 6M and Thanh Canh) and another 3 by end 2014.

#### **D. Sector Phaseout by Country**

15. The Bank has implemented and is implementing several projects that will result in sector-wide or nation-wide ODS phaseout but which are not projects with multi-year agreements. With one-time funding by the Executive Committee, these projects aim, nonetheless, to entirely phase out the consumption of ODS through investment activities and policy measures in a sector or country-wide.

16. Two of these projects, the National Transition Strategy to CFC-free Metered Dose Inhalers (MDIs) in Indonesia and the National Methyl Bromide Phaseout Strategy in the Philippines were successfully completed in 2010.

17. The World Bank is also an Implementing Agency for two other aerosol projects, the China Pharmaceutical Aerosol CFC Phaseout project and the project in Argentina to phase out consumption of CFCs in MDI manufacturing. The project in China was planned for completion in 2013 but has been extended to 2014. It will continue along with the Argentina project that has been targeted for completion in 2014. The duration of the projects is directly linked to the time needed for registration of new formulations of the medicinal and pharmaceutical products.

18. The main MDI manufacturer of the Argentina project, Laboratorio Pablo Cassará (LPC) submitted its new formulation to the national health authority for review and has requested approval to bring the product to market. Approval of the new formulation is awaited. The HFA formulation it developed in tandem has been authorized for sale. CFCs are no longer used as propellant in formulations of salbutamol in Argentina.

19. Under the China Pharmaceutical Aerosol CFC Phaseout project all contracts with pharmaceutical companies have been signed. The Chinese State Food and Drug Administration (SFDA) has issued a ban on the use of CFCs in non-MDI pharmaceutical products as of 1 July 2012 – thus all CFC consumption has been phased out through the project since 2013.



## II. PROJECT COMPLETIONS SINCE LAST REPORT

Projects completed during this reporting period (January 1, 2013 to December 31, 2013) are highlighted in Table II-1 below.

### A. ODP Phased Out Since Last Report

20. The total quantity of ODP phased out in association with the 13 projects completed during the reporting period amounts to 2,268 ODP tonnes of consumption and production. Of this phaseout, 327 ODP tonnes was achieved in 2013. The majority was eliminated in previous years while the projects were active. Completed projects in Table II-1 are 52 percent disbursed, leaving a balance of US\$3,709,891.

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

21. Country Programs: There were no new completions in 2013 for country programs.

22. Technical Assistance: Two technical assistance projects completed in 2013. A study on resource mobilization for HCFC phase-out co-benefits that was approved in 2011 by the Executive Committee for US\$180,000 was finalized, peer reviewed and submitted to the Committee's 71<sup>st</sup> Meeting. The study sought to identify potential opportunities and sources of co-financing to meet the additional costs of energy efficiency and climate mitigation benefits associated with the HCFC phase-out supported by the MLF. It explored strategies to maximize synergies with climate financing in general, and in combination with the World Bank's energy efficiency and climate mitigation portfolios in particular. Moreover, the study established that a significant share of the World Bank portfolio across a variety of sectors offered opportunity for linkages with the Montreal Protocol agenda. As the study was completed entirely in-house with teams across the Bank, some savings were incurred which will be returned in 2014.

23. Another activity classified as technical assistance completed in 2013 was the verification of production of CFCs in China for essential uses in metered-dose inhalers, including exported CFCs. This US\$40,000 activity produced a verification report that was considered in the Subgroup on the Production Sector at the 71<sup>st</sup> Meeting of the Executive Committee. The Committee asked the Bank to continue carrying out verification audits in future years and will provide funding for this service.

24. Training: Through its agency support costs, the World Bank hosted with the Government of Thailand a regional three-day workshop in Pattaya, Thailand for its East Asia country counterparts in July 2013. It is the eighth ODS workshop held in the region in the last ten years. The first day of the workshop was devoted to policies and procedures under the Montreal Protocol, the MLF and the Bank surrounding ODS project implementation (quotas and control measures, monitoring and reporting, procurement, financial management, safeguards, etc.). The next two days focused on technical aspects of HCFC phaseout in the production, foam and refrigeration sectors. The state of technologies was reviewed by experts, including from the private sector, with a concentration on air-conditioning. Countries facing similar challenges in implementing the Montreal Protocol were also given the opportunity to share experiences.

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

Project Name	Region	Project Number	ODP Phased Out	Date Apprvd.	Date of First Disbursement	Date Compl. (Actual)	Date of Financial Completion	Approved Funding (US\$)	Adjustment (US\$)	Funds Disbursed (US\$)	% Funds Disbursed	Balance	Planned Commitment in Cur. Year (US\$)
Demonstration project for testing methyl bromide alternatives in post-harvest disinfestation for cotton and	LAC	ARG/FUM/29/DEM/93	0	Nov-99	Aug-04	Jun-13	Jun-13	375,000	0	312,328	83	62,672	0
National CFC phase-out plan: 2006 work programme	LAC	ARG/PHA/47/INV/148	2	Nov-05	Dec-09	Dec-13	Dec-13	500,000	0	236,630	47	263,370	0
Verification of production of CFCs for essential use	ASP	CPR/PRO/69/TAS/531	0	Apr-13	Aug-13	Aug-13	Aug-13	40,000	0	40,000	100	0	0
Resource mobilization for HCFC phase-out co-benefits study	GLO	GLO/SEV/63/TAS/309	0	Apr-11	Dec-12	Dec-13		180,000	0	118,835	66	61,165	15,000
National methyl bromide phase-out plan (first tranche)	ASP	THA/FUM/44/INV/143	59	Dec-04	Dec-06	Dec-13		546,991	0	524,831	96	22,160	0
National methyl bromide phase-out plan (second tranche)	ASP	THA/FUM/50/INV/147	0	Nov-06	Dec-08	Dec-13		1,412,214	0	903,269	64	508,945	0
National methyl bromide phase-out plan (third tranche)	ASP	THA/FUM/57/INV/152	73	Apr-09	Dec-11	Dec-13		942,395	0	240,849	26	701,546	0
National CFC phase-out plan: 2005 annual programme	ASP	THA/PHA/45/INV/144	963	Apr-05	Dec-09	Dec-13		1,330,400	0	1,227,273	92	103,127	0
National CFC phase-out plan: 2006 annual implementation	ASP	THA/PHA/48/INV/146	243	Apr-06	Dec-09	Dec-13		851,600	0	349,694	41	501,906	0
National CFC phase-out plan: 2007 annual implementation	ASP	THA/PHA/53/INV/149	209	Nov-07		Dec-13		550,000	0	0	0	550,000	0
National CFC phase-out plan: 2008 annual implementation	ASP	THA/PHA/55/INV/150	208	Jul-08		Dec-13		550,000	0	0	0	550,000	0
National CFC phase-out plan: 2010-2012 annual	ASP	THA/PHA/60/INV/154	502	Apr-10		Dec-13		385,000	0	0	0	385,000	0
National phase-out plan of methyl bromide (third tranche)	ASP	VIE/FUM/65/INV/59	10	Nov-11	Dec-12	Nov-13		120,000	0	120,000	100	0	0
<b>Total</b>			<b>2,268</b>					<b>7,783,600</b>	<b>0</b>	<b>4,073,709</b>	<b>52</b>	<b>3,709,891</b>	<b>15,000</b>

### III. GLOBAL AND REGIONAL PROJECT HIGHLIGHTS

#### A. Global Projects

25. The World Bank continued to have one global project ongoing in 2013, the Global Chiller Replacement Project. The project's original objective was to replace CFC chillers in China, India, Indonesia, Jordan, Malaysia, the Philippines and Tunisia. Five countries had embarked on a national chiller replacement project as of the end of 2012 – demonstrating a number of implementation modalities that meet specific needs of the countries. In 2013, the number of countries to have ongoing chiller activities under the global project dropped to two for reasons explained below on a country-by-country basis.

26. The India Chiller Energy Efficiency Project originally had three separate financing modalities (the MLF, GEF and CDM (through KfW)). The carbon finance component was dropped in 2012. Restructuring of the project to take this change into account was still pending at the end of the calendar year however four chillers were replaced nonetheless, bringing the cumulative replacement figure to 35. Approximately twelve meetings were held in 2013 with chiller suppliers, potential beneficiaries from CFC phaseout and the financial intermediary. Energy efficiency initiatives were also carried out.

27. The Philippines Energy Efficiency Project, closely modeled on the India chiller project, received US\$1 million in MLF funding and US\$2.6 million in GEF funding. Carbon finance through KfW was also envisioned, but similar to the India chiller project, the ERPA was deemed not viable and cancelled. Partly as a result, a project restructuring was required and completed by the Bank in June 2013. In 2013, letters of intent confirming enrollment of 25 chillers were received by the Department of Environment and Natural Resources. By the end of 2013, eight subgrant agreements covering replacement of thirteen chillers had been signed. The project management unit completed its evaluation of the eligibility of new chillers and confirmed that another eleven were eligible for financing. An online monitoring system is operational and a marketing plan was developed to encourage additional chiller owners to participate in the project.

28. The Jordan CFC Chiller Replacement Project was physically completed on 31 December 2012. The project provided a 30% subsidy to building owners based on a nominal value. All 20 CFC-based chillers were replaced, 15 of which fell under subgrant agreements with four building owners. A total of 4 MT of mixed CFCs were safely recovered after dismantling the chillers that fell directly under the project.

29. The Indonesia chiller energy efficiency project, which aimed to bring together US \$3.66 million in GEF funding with US\$1 million from the Global Chiller Replacement Project was canceled in 2013 after failure to obtain GEF CEO endorsement, the final step of the GEF approval process. This was in light of certain Council member objections on the possible use of HFC-based refrigerants in replacement chillers. The allocated MLF funds, along with savings from the Jordan component were returned at the 71<sup>st</sup> Meeting of the Executive Committee in December 2013.

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30. Finally, the fifth country to be included in the Global Chiller Replacement Project is Argentina (as of late 2012). The Argentina Chiller Replacement project has been incorporated into a new ODS grant agreement between the Government of Argentina and the World Bank. The agreement was approved in July 2013 and is expected to become effective in 2014 which will permit chiller replacements to resume under this new activity.

**B. Regional Projects**

31. The World Bank has no outstanding regional projects.

## IV. PERFORMANCE INDICATORS

### A. Agency Performance Goals

32. Executive Committee Decision 41/93 requests Implementing Agencies (IAs) to employ nine weighted indicators to assess their annual performance. These indicators are classified as approval, implementation and administrative indicators. The basis for setting and measuring these indicators are the annual progress reports and annual plans of multi-year projects as implied in the background document to the new indicator system, UNEP/OzL.Pro/ExCom/41/80, as well as the IA business plans.

33. “Approval” indicators measure projects that received Executive Committee approval against those planned to be delivered as per multi-year agreements (MYAs) and the 2013 Business Plan. For the first approval indicator, 7 annual programs associated with existing and new multi-year agreements were targeted for approval in 2013 according to Executive Committee Decision 69/10(b). The actual number of activities submitted was 6 out of the 7 annual programs targeted by the decision. This included the second part of a tranche for the India Accelerated CFC Production Sector Phaseout Plan. Two multi-year agreement tranches that were part of the original target under the Jordan Air-conditioning Sector Plan and Thailand HCFC Phaseout Management Plan (HPMP) respectively were not submitted for approval as foreseen in the Executive Committee agreements on each country’s Stage I HPMP. The target was therefore met by 86%.

34. The second approval indicator, the planned number of new individual projects (investment projects, RMPs, halon banks, institutional strengthening, and technical assistance) for approval was set at 2 in the Business Plan. In 2013, an activity for independent verification of production of CFCs in China for essential use was approved. The second activity approved was the 2013 core unit budget. Hence, the World Bank fully met the target.

35. There are four “implementation” indicators. The first implementation indicator measures performance in ongoing multi-year projects, namely whether milestone activities and ODS consumption and production levels were achieved as planned in approved annual tranches. Bank partner countries executing existing multi-year agreements (approved prior to 2013) that were targeted in the business plan met all targeted ODS phaseout and policy milestones (a total of 6).

36. The second implementation indicator focuses on ODS phased out in individual projects versus what was planned in the progress report (this excludes multi-year project phaseout per MLF Secretariat guidance). The World Bank targeted 240.4 ODP tonnes of phaseout in 2013 by individual projects based entirely on one individual aerosol project in China that was expected to complete in 2013 per the 2012 Progress Report at the time of business plan preparation. The phase-out was fully achieved in 2013, although the project could not be declared completed. Another ongoing project contributed to an additional 1.75 ODP tonnes. If counting phase-out from ongoing individual projects, the Bank has fully met its target.

37. For the third implementation indicator, “project completion,” the World Bank expected 4 investment and non-investment projects to be completed in 2013 as per its 2013 Business Plan. The number of projects reaching completion in 2013 was 3. The Bank has met this target by 75%.

38. The fourth implementation indicator, “Percentage of policy/regulatory assistance completed vs. that planned” was achieved as policy and regulatory assistance was provided in the context of all sector and national ODS phaseout plans, as well as institutional strengthening projects.

39. There are three “administrative” indicators. The Bank met one of the three administrative targets. For Speed of Financial Completion, the Bank had anticipated 30 months for the average number of months from project completion to financial completion in 2013. In actuality, the number was 74. The reason that the average time is more than double of the indicator is because of multi-year agreements which are reaching completion in increasing numbers. Early tranches of these MYAs were, upon use of funds for targeted activities, not declared financially completed because of the World Bank’s position that a multi-year agreement should be treated as one program for a country and only be closed upon 100% completion of all funding tranches. This allows a multi-year project to be monitored at the program level, particularly when disbursement still remains from a country to a beneficiary. In 2013, five China ODS phaseout sector plans – Halon, CFC Production, Foam, and Process Agents I and II – captured in 46 separate tranches spanning completion dates over 15 years were financially completed which has significantly skewed the rate of financial completion.

40. The Bank committed to submit to the Executive Committee 100 percent of PCRs for the number of projects completed in the 2013 PCR reporting period in its 2013 Business Plan. In the 2013 PCR reporting period (July 2012-June 2013), four individual project PCRs were due. Five individual project PCRs were submitted in 2013. If applying the target set with the Senior Monitoring and Evaluation Officer of submitting 4 PCRs in 2013, the result is a 100% achievement rate. Finally, the 2013 Progress Report was submitted on time for achievement of the third administrative indicator.

41. Table IV-1 summarizes the World Bank’s performance relative to indicators per Decision 69/10(b) on the Bank’s 2013 Business Plan.

**Table IV-1: World Bank Performance Goals**

<b>Category of Performance Indicator</b>	<b>Item</b>	<b>Weighting</b>	<b>2013 Target</b>	<b>2013 Actual</b>
Approval	Number of annual programmes of existing multi-year agreements approved vs. those planned	15	7	6
Approval	Number of individual projects/activities approved vs. those planned	10	2	2
Implementation	Milestone activities completed (e.g., policy measures, regulatory assistance)/ODS levels achieved for approved multi-year annual tranches vs. those planned	20	6	6
Implementation	ODS phased-out for individual projects vs. those planned per progress reports	15	240.4	242.15
Implementation	Project completion (pursuant to Dec. 28/2 for investment projects) and as defined for non-investment projects vs. those planned in progress reports	10	4 <sup>(1)</sup>	3 <sup>(2)</sup>
Implementation	Percentage of policy/regulatory assistance completed vs. that planned	10	100%	100%
Administrative	Speed of financial completion vs. that required per progress report completion dates	10	30 months	74 months
Administrative	Timely submission of project completion reports vs. those agreed	5	On time	On time
Administrative	Timely submission of progress reports and responses unless otherwise agreed	5	On time	On time

<sup>(1)</sup> Represents the number of projects expected to be completed in 2013.

<sup>(2)</sup> This figure includes completion of all individual investment and non-investment activities in 2013, but excludes annual programs of multi-year agreements. The total number of projects completed in 2013 is 13 excluding the global activity for agency core unit costs.

**Table IV-2: World Bank Indicators of Implementation Progress**

Indicator	Measure	Unit	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Over-all
Delivery Speed	Signing	Mos.	48	35	30	21	15	13	15	13	11	10	8	11	14	0	9	0	0	12	0	0	28	0	0	18
	First Disb.	Mos.	47	43	35	27	22	22	27	20	21	24	17	18	18	19	19	21	12	14	14	0	26	11	5	24
	Last Disb.	Mos.	52	59	55	58	52	53	51	39	50	50	37	61	39	53	45	57	33	28	26	0	0	0	0	52
ODP Phaseout	Amount	Percentage	77	100	117	103	101	92	100	100	100	102	100	101	100	100	106	100	100	99	100	100	12	0	0	101
	Speed	Mos.	62	56	44	50	44	42	43	36	40	43	21	24	16	26	34	34	31	25	28	28	40	29	21	39
Cost Effective	Average	US\$ per Kg ODP	8.61	0.92	11.54	3.03	9.69	7.25	1.82	2.13	2.26	3.01	3.34	3.61	5.46	3.17	0.64	2.57	2.45	0.86	5.26	0.77	67.85	64.60	53.74	2.42

42. Actual cost of project preparation in 2013 was US\$108,037 (excluding support costs), or less than a half percent of investment project approvals in 2013. The average overall speed of ODS phaseout from the time of approval to the realized phaseout since the inception of the program in 1991 is, in 2013, 39 months. Actual average overall speed of first disbursement is 24 months (again taking projects in the Bank's entire 22-year portfolio) and total disbursement in 2013 was US\$37 million.

43. Six investment projects were submitted in 2013, worth a total of US \$11.99 million (excluding support costs and after negotiation with the Executive Committee) representing the first tranche funding for the new HCFC Production Phaseout Management Plan in China, and 5 tranches of 5 existing multi-year projects. The average cost-effectiveness values of the projects approved in 2012 and 2013 are not meaningful, as they do not all have ODP phaseout associated with the year of delivery of the sector plan tranches approved and they also include technical assistance and project management funding. As far as distribution among countries is concerned, 4 different countries received approvals in 2013.

44. The Bank completed 3 non-investment projects in the reporting period. The overall speed of first disbursement is 14 months at the end of 2013. Overall speed of completion is 21 months by the end of the reporting period. Total funds disbursed for non-investment activities (excluding project preparation) in 2013 are US\$430,544.



**B. Cumulative Completed Investment Projects**

45. Since 1991, the World Bank's cumulative total of completed investment projects has grown to 597, resulting in the reduction in consumption of 124,152 tonnes ODP and in production of 174,895 tonnes ODP. Out of a total of US\$863,915,982 of approved Multilateral Fund financing for completed projects, 100 percent of funds have been disbursed. The average number of months from approval to first disbursement has been 24, the average number of months from approval to completion has been 40, at an average cost-effectiveness of US\$2.89/kg. These averages include projects both before and after initiation of the umbrella grant agreement approval process.

46. The number of investment projects completed in 2013 was ten, including tranches of multi-year agreements. Table IV-3 which follows provides a summary of completed investment projects at both a regional and sectoral level.

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

Item	No. of Projects	Approved Funds + Adjustment (US\$)	% of Funds Disbursed	Consumption ODP Phased Out	Production ODP Phased Out	Avg. No. of Months from Approval to 1st Disbursement	Avg. No. of Months from Approval to Completion	Overall Cost-Effectiveness to the Fund (US\$/kg.)
<b>GRAND TOTAL</b>	597	863,915,982	100%	124,152	174,895	24	40	\$2.89
<b>Region</b>								
Africa	18	4,874,766	100%	777	0	25	49	\$6.28
Asia & Pacific	435	757,468,278	100%	116,228	167,749	24	40	\$2.67
Europe	36	25,729,361	100%	3,498	0	12	20	\$7.36
Latin America and Caribbean	108	75,843,577	100%	3,650	7,146	30	44	\$7.03
Global	n/a	0	0%	0	0	n/a	n/a	n/a
<b>Sector</b>								
Aerosol	30	13,375,883	100%	19,686	0	28	45	\$0.68
Destruction	0	0	0%	0	0	n/a	n/a	n/a
Foam	213	129,968,191	100%	26,102	0	25	42	\$4.98
Fumigants	9	5,343,044	77%	264	0	21	57	\$20.21
Halon	19	68,345,321	100%	38,439	41,958	19	34	\$0.85
Multiple Sectors	4	2,287,376	100%	419	0	28	78	\$5.46
Other	2	5,059,360	100%	404	0	28	41	\$12.52
Phaseout Plan	55	83,074,022	97%	19,981	10,988	23	31	\$2.68
Process Agent	15	113,830,316	100%	5,180	49,344	8	18	\$2.09
Production	40	263,420,120	100%	0	72,605	10	13	\$3.63
Refrigeration	180	168,890,482	100%	13,075	0	27	47	\$12.92
Solvents	28	9,660,640	100%	562	0	29	27	\$17.19
Sterilant	2	661,227	100%	41	0	16	27	\$16.27
<b>Implementation Characteristics</b>								
Agency Implementation	0	0	0%	0	0	n/a	n/a	n/a
National Implementation	597	863,915,982	100%	124,152	174,895	24	40	\$2.89
<b>Disbursement Method</b>								
During Implementation	557	845,583,194	100%	122,262	174,895	24	41	\$2.85
After Implementation	25	11,189,562	100%	1,039	0	32	29	\$10.76
Retroactive Funding	15	7,143,226	100%	851	0	24	1	\$8.40
Country to Final Beneficiary	0	0	0%	0	0	n/a	n/a	n/a

Note: The sum of each section (Region, Sector, etc.) equals the Grand Total.

**C. Cumulative Completed Non-Investment Projects**

47. Since 1991, the World Bank's cumulative total of completed non-investment projects has grown to 136. Out of a total of US\$21,974,153 of approved Multilateral Fund financing, 99 percent of funds have been disbursed. As these are non-investment projects, funds are usually made available quickly, thus the average number of months from approval to first disbursement has been 19; the average number of months from approval to completion has been 35.

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

Item	Number of Projects	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 Completion
<b>GRAND TOTAL</b>	136	21,974,153	99%	19	35
<b>Region</b>					
Africa	17	2,865,298	100%	14	31
Asia & Pacific	54	12,274,790	100%	18	39
Europe	9	1,632,528	100%	25	43
Latin America and Caribbean	34	4,464,642	99%	23	43
Global	22	736,896	92%	11	15
<b>Sector</b>					
Aerosol	5	627,662	100%	14	26
Destruction	1	250,000	100%	17	22
Foam	3	2,457,681	100%	25	46
Fumigants	5	1,357,097	95%	35	102
Halon	5	1,519,717	100%	50	106
Multiple Sectors	1	53,792	100%	56	58
Other	0	0	0%	n/a	n/a
Phaseout Plan	1	100,000	100%	12	11
Process Agent	0	0	0%	n/a	n/a
Production	1	40,000	100%	4	4
Refrigeration	14	4,847,025	100%	42	58
Several	100	10,721,179	99%	12	26
Solvents	0	0	0%	n/a	n/a
Sterilant	0	0	0%	n/a	n/a
<b>Implementation Characteristics</b>					
Agency Implementation	55	2,704,628	98%	5	14
National Implementation	81	19,269,525	100%	25	49
<b>Disbursement Method</b>					
During Implementation	134	20,972,723	99%	19	35
After Implementation	2	1,001,430	100%	19	39
Retroactive Funding	0	0	0%	n/a	n/a
Country to Final Beneficiary	0	0	0%	n/a	n/a

Note:

- (1) Per decision 22/11(a)(vi), project preparation is not included as a non-investment project.
- (2) The sum of each section (Region, Sector, etc.) equals the Grand Total.

**D. Cumulative Ongoing Investment Projects**

48. Since 1991, the World Bank's cumulative total of ongoing investment projects is 18 (including tranches of multi-year agreements). Out of a total of US\$112,384,698 of approved Multilateral Fund financing, 41 percent of funds have been disbursed. The average number of months from approval to first disbursement has been 18, the average number of months from approval to the current expected completion date is 38, with an average cost-effectiveness of US\$75.59/kg. Table IV-5 below summarizes ongoing investment projects at regional and sectoral levels.

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

Item	No. of Projects	Approved Funds + Adjustment (US\$)	% of Funds Disbursed	No. of Projects Disbursing	% of Projects Disbursing	Est. Disbursement + Funds Disbursed	% Funds Expected to be Disbursed by End of 2013	Avg. No. of Months from Approval to 1st Disbursement	Avg. No. of Months from Approval to Planned Completion	Avg. Length of Delay in Project Planned Completion	Overall Cost-Effectiveness to the Fund (US\$/kg.)*
<b>GRAND TOTAL</b>	18	112,384,698	41%	8	44%	87,776,141	78%	18	38	24	\$75.59
<b>Region</b>											
Africa	0	0	0%	0	0%	0	0%	0	n/a	n/a	n/a
Asia & Pacific	16	108,739,212	40%	7	44%	84,198,259	77%	19	36	24	\$80.55
Europe	0	0	0%	0	0%	0	0%	0	n/a	n/a	n/a
Latin America and Caribbean	2	3,645,486	67%	1	50%	3,577,882	98%	13	52	26	\$26.64
Global	0	0	0%	0	0%	0	0%	0	n/a	n/a	n/a
<b>Sector</b>											
Aerosol	2	8,806,874	96%	2	100%	8,739,270	99%	17	83	40	\$14.59
Destruction	0	0	0%	0	0%	0	0%	n/a	n/a	n/a	n/a
Foam	0	0	0%	0	0%	0	0%	n/a	n/a	n/a	n/a
Fumigants	1	58,284	65%	1	100%	58,284	100%	5	13	n/a	\$2.91
Halon	0	0	0%	0	0%	0	0%	n/a	n/a	n/a	n/a
Multiple Sectors	0	0	0%	0	0%	0	0%	n/a	n/a	n/a	n/a
Other	0	0	0%	0	0%	0	0%	n/a	n/a	n/a	n/a
Phaseout Plan	12	78,462,640	47%	5	42%	61,079,988	78%	21	36	23	\$90.88
Process Agent	0	0	0%	0	0%	0	0%	n/a	n/a	n/a	n/a
Production	3	25,056,900	0%	0	0%	17,898,599	71%	n/a	22	13	#DIV/0!
Refrigeration	0	0	0%	0	0%	0	0%	n/a	n/a	n/a	n/a
Solvents	0	0	0%	0	0%	0	0%	n/a	n/a	n/a	n/a
Sterilant	0	0	0%	0	0%	0	0%	n/a	n/a	n/a	n/a
<b>Implementation Characteristics</b>											
Agency Implementation	1	1,500,000	9%	1	100%	276,360	18%	29	41	20	\$79.37
National Implementation	17	110,884,698	41%	7	41%	87,499,781	79%	16	37	25	\$75.54
<b>Disbursement Method</b>											
During Implementation	18	112,384,698	41%	8	44%	87,776,141	78%	18	38	24	\$75.59
After Implementation	0	0	0%	0	0%	0	0%	n/a	n/a	n/a	n/a
Retroactive Funding	0	0	0%	0	0%	0	0%	n/a	n/a	n/a	n/a
Country to Final Beneficiary	0	0	0%	0	0%	0	0%	n/a	n/a	n/a	n/a

Note: The sum of each section (Region, Sector, etc.) equals the Grand Total.

\*Based on the ODS to be phased out according to the proposal.

**E. Cumulative Ongoing Non-Investment Projects**

49. The World Bank's cumulative total of ongoing non-investment projects is 9 as captured in the following Table IV-6. Out of a total of US\$6,126,811 of approved Multilateral Fund financing, 44 percent of funds have been disbursed. The average number of months from approval to first disbursement has been 25; the average number of months from the date of approval to the current expected completion date is 44.

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

Item	No. of Projects	Approved Funds + Adjustment (US\$)	% of Funds Dis-bursed	No. of Projects Dis-bursing	% of Projects Dis-bursing	Est. Disbursement + Funds Disbursed	% Funds Expected to be Disbursed by End of 2013	Avg. No. of Months from Approval to 1st Disbursement	Avg. No. of Months from Approval to Planned Completion	Avg. Length of Delay in Project Planned Completion
<b>GRAND TOTAL</b>	9	6,126,811	44%	5	56%	3,745,935	61%	25	44	17
<b>Region</b>										
Africa	0	0	0%	0	0%	0	0%	0	n/a	n/a
Asia & Pacific	6	2,315,255	48%	4	67%	1,992,295	86%	16	37	17
Europe	0	0	0%	0	0%	0	0%	0	n/a	n/a
Latin America and Caribbean	1	76,000	0%	0	0%	36,000	47%	0	44	31
Global	2	3,735,556	42%	1	50%	1,717,640	46%	61	67	12
<b>Sector</b>										
Aerosol	0	0	0%	0	0%	0	0%	n/a	n/a	n/a
Destruction	0	0	0%	0	0%	0	0%	n/a	n/a	n/a
Foam	1	1,214,936	68%	1	100%	1,214,936	100%	8	56	31
Fumigants	0	0	0%	0	0%	0	0%	n/a	n/a	n/a
Halon	0	0	0%	0	0%	0	0%	n/a	n/a	n/a
Multiple Sectors	0	0	0%	0	0%	0	0%	n/a	n/a	n/a
Other	0	0	0%	0	0%	0	0%	n/a	n/a	n/a
Phaseout Plan	4	682,318	30%	1	25%	515,024	75%	32	37	23
Process Agent	0	0	0%	0	0%	0	0%	n/a	n/a	n/a
Production	0	0	0%	0	0%	0	0%	n/a	n/a	n/a
Refrigeration	1	3,735,556	42%	1	100%	1,717,640	46%	61	121	24
Several	3	494,001	16%	2	67%	298,335	60%	12	25	4
Solvents	0	0	0%	0	0%	0	0%	n/a	n/a	n/a
Sterilant	0	0	0%	0	0%	0	0%	n/a	n/a	n/a
<b>Implementation Characteristics</b>										
Agency Implementation	1	0	0%	0	0%	0	0%	n/a	13	n/a
National Implementation	8	6,126,811	44%	5	63%	3,745,935	61%	25	48	20
<b>Disbursement Method</b>										
During Implementation	9	6,126,811	44%	5	56%	3,745,935	61%	25	44	17
After Implementation	0	0	0%	0	0%	0	0%	n/a	n/a	n/a
Retroactive Funding	0	0	0%	0	0%	0	0%	n/a	n/a	n/a
Country to Final Beneficiary	0	0	0%	0	0%	0	0%	n/a	n/a	n/a

Note:

- (1) Per decision 22/11(a)(vi), project preparation is not included as a non-investment project.
- (2) The sum of each section (Region, Sector, etc.) equals the Grand Total.



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

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

50. Projects with either new partner countries or with new operational modalities require legal agreements between the country and the World Bank. With HCFC phaseout project approvals occurring between 2011 and 2013 in Argentina, China, Indonesia, Jordan, Thailand, and Vietnam, new grant agreements were required.

51. New grant agreements have been in place for Vietnam and China since 2012 permitting disbursements to take place from the Bank to the countries throughout 2013. Grant agreements and the related project appraisal and environmental safeguards documentation were finalized for Argentina, Indonesia, and Jordan in 2013. The Jordan grant agreement was approved and signed in May 2013, followed by those for Argentina and Indonesia in July. Both new HCFC umbrella projects for Jordan and Indonesia are disbursing while that for Argentina awaits internal approval. This is expected in the first half of 2014. A clause for retroactive financing has been included in the grant agreement in order to permit investment activities to commence prior to the approval by relevant ministries and the Presidential Office.

52. World Bank project preparation activities and processing were completed for Thailand for a new Bank HCFC phaseout umbrella project by the end of 2013 during a pre-appraisal mission, including a draft grant agreement and environmental management plans for the air-conditioning (AC) sector and an environmental management framework (EMF) for the foam sector. Negotiation of the Grant Agreement is expected in February 2014 with agreement signing expected after Thailand Cabinet approval.

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

53. A list of active World Bank project preparation activities is presented in the table below. Total funds approved for these projects are US\$100,000, of which US\$34,989 has been disbursed. Planned commitments for these two project preparation activities are US\$65,011.

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

Region	Project Number	Project Name	First Disbursement Date	Approved Funding (US\$)	Adjustment (US\$)	Funds Disbursed (US\$)	% of Funds Disbursed	Balance (US\$)	Planned Commitment in Cur. Year (US\$)
ASP	IDS/DES/57/PRP/187	Preparation for pilot demonstration project on ODS waste management and disposal	Dec-13	50,000	0	17,495	35	32,505	32,505
ASP	PHI/DES/57/PRP/85	Preparation for pilot demonstration project on ODS waste management and disposal	Dec-13	50,000	0	17,495	35	32,505	32,505
	<b>Total</b>			100,000	0	34,989	35%	65,011	65,011

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

### A. Meetings Attended

54. Table VI.1 indicates the meetings attended by World Bank Staff on all Montreal Protocol related work in 2013.

**Table VI-1: MP Meetings Attended by World Bank Staff in 2013**

2013 Dates	Location	Meetings Attended
January 31-Feb. 1	Montreal, Canada	Interagency coordination meeting
April 15-19	Montreal, Canada	69 <sup>th</sup> Executive Committee Meeting
June 21-22	Bangkok, Thailand	50 <sup>th</sup> Meeting of the Implementation Committee
June 24-28	Bangkok, Thailand	33 <sup>rd</sup> Meeting of the Open-Ended Working Group
July 1-5	Bangkok, Thailand	70 <sup>th</sup> Executive Committee Meeting
September 5-6	Paris, France	Compliance Assistance Programme Advisory Group meeting
September 9-12	Yinchuan, China	Joint Meeting of South Asia and Southeast Asia and Pacific Networks of Ozone Officers
September 24-25	Montreal, Canada	Interagency coordination meeting
October 18-19	Bangkok, Thailand	51 <sup>st</sup> Meeting of the Implementation Committee
October 21-25	Bangkok, Thailand	25 <sup>th</sup> Meeting of the Parties to the Montreal Protocol
November 6-9	Manila, Philippines	4th Ozone2Climate Technology Roadshow and Industry Roundtable
December 2-6	Montreal, Canada	71 <sup>st</sup> Executive Committee Meeting

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

55. Cooperation and coordination by the World Bank with the three Implementing Agencies and Bilateral Agencies continues through shared project implementation in national ODS phase-out plans, in new HCFC phase-out projects, and in ODS meetings and workshops that take place throughout the year.

56. In regards to cooperation with bilateral agencies, the World Bank is working with the Government of Japan to support implementation of Thailand's Stage I HCFC Phaseout Plan approved at the 68<sup>th</sup> Meeting of the Executive Committee. Japan's role is to provide technical assistance to address technical and regulatory barriers to the introduction of HFC-32 technology in residential air-conditioner manufacturing.

57. In 2013, Japan, Thailand, and the World Bank worked closely with the Japanese and Thai industries to initiate preparatory work that is essential to effective transfer of technology. This included assessment of the baseline environmental and safety practices of potential beneficiary manufacturers in Thailand. Through this assistance, all twelve air-conditioning manufacturers that are covered by the HPMP have completed environmental and safety management plans. In addition, this bilateral cooperation contributed to the early signing of non-assertion agreements between beneficiary AC manufactures and Daikin.

58. With preparatory work now in place, the technical assistance activities as proposed in the HPMP will be formally channeled through a new Grant Agreement between the Bank and Thailand (expected to be effective by mid-2014). Japan's support will take the form of guidance for the conversions to ensure safe storage and use of HFC-32 in manufacturing of HFC-32 AC, technical assistance and training on proper installation, and, training for service technicians. It will also assist Thailand in necessary revision of building codes and standards. The Government of Japan will continue to bridge discussions on HFC-32 technology transfer between the Thai and Japanese air-conditioning industry as well.

59. The Bank is a Cooperating Agency in Argentina on the NCPP in the chiller sector, and in the foam and production sectors under the HPMP approved in April 2012. The NCPP has now closed by Decision 70/7 and the balance of funds not utilized before the Executive Committee's deadline of 31 December 2013 will be returned to the MLF. The Bank is also a Cooperating Agency in Jordan where UNIDO serves as the Lead Agency, and in Indonesia and China, where UNDP serves as the Lead Agency. In order to meet overall requirements of the respective Executive Committee agreements, the Agencies must have regular dialogue and access to relevant information to be able to execute their part, particularly in terms of annual consumption verification. This will be critical in the case of China whereby the HCFC production sector plays a large role in determining compliance with targets.

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60. With the concentration of efforts in delivering HPMPs and HCFC phase-out sector plans for Article 5 countries around the world on HCFC consumption and production now that the compliance period has commenced, cooperation and coordination will continue to be a necessity among the four Implementing Agencies. In fact, because of the tight implicit requirements on the maximum level of country consumption that may be funded under Stage I HPMPs, this is all the more the case in countries where more than one agency is active.

### **C. Other Issues**

61. There are no additional issues other than those captured in the previous pages that the Bank would like to raise for the 2013 progress reporting year.



## Annex I

# COUNTRY DEVELOPMENTS

Environment Department

The World Bank

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## ARGENTINA

### *Country Developments*

In 2013, two projects were physically and financially closed, the chiller replacement component of the National CFC phaseout plan and the methyl bromide phaseout demonstration project. This leaves three active project activities under execution by Argentina through the World Bank: the aerosol metered dose-inhaler (MDI) project, a foam conversion project to eliminate HCFC-141b (at Mabe) and technical assistance for monitoring and reporting on HCFC-22 production. The latter two fall under the country's HCFC Phaseout Management Plan (HPMP) with UNIDO as the Lead Agency.

The CFC-based chiller replacement work under the NCPP was progressing slowly in 2013 due to the overall economic situation in the country (the replacement project only funded a portion of chiller replacement). However its implementation was cut short through a unilateral decision to close a group of ongoing multi-year agreements that targeted ODS to be phased out by 2010. Completion was accordingly arranged in December 2013 after fulfilling a commitment to one last chiller owner.

The aerosol MDI project will continue implementation in 2014 as explained in Section D, Part I of this report. Disbursement for HPMP project activities will begin in 2014. These activities fall under a new ozone operation. The Grant Agreement (GA) for the operation, which will also include a chiller replacement project (part of the Global Chiller Replacement Project) was formally negotiated in June 2013 and World Bank approval followed in late July. The Government has been processing the Presidential Decree required to make the GA effective. During project appraisal, an option to proceed with retroactive financing was presented to MABE so as to prevent implementation delays. UEPRO, the project implementation unit, and the Bank team provided assistance to MABE to prepare bidding documentation. In early December 2013, the Government of Argentina requested a six-month extension for the GA effectiveness deadline. The Bank is working with counterparts to accelerate GA effectiveness as is possible. UEPRO carried out office-based monitoring and reporting of national HCFC-22 production, based on production and input information provided by the only producer, FIASA S.A.

A Bank mission took place in April 2013 and another is expected in March 2014.

## CHINA

### *Country Developments*

China has phased out well over 200,000 ODP tonnes in the consumption and production sectors through World Bank-implemented projects since the early 1990s and has met its overall ODS phaseout targets under the Montreal Protocol as well as specific requirements under its various sector plans. In 2013, active projects under implementation by the Bank for China fell under the "ODS IV" Umbrella Project and the 2012 approved HCFC Phaseout Project (Stage I).

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The ODS IV umbrella project closed on June 30, 2013. The Bank will continue to monitor the associated sector plans (the CFC production, Halon, Process Agents, and foam sector plans) within the context of Executive Committee Decision 56/13 however as far as World Bank processes are concerned the projects are financially closed as well.

In 2013, two individual projects remained under implementation, the HCFC foam demonstration project at a system house and the pharma-aerosol project. Both are expected to complete in 2014. The HPMP Foam Sector Plan continued implementation in 2013 with first disbursement from the Bank to China occurring early on. By the end of the year, 31 subgrant agreements had been signed with FECO worth \$35.97 million.

After several meetings of presenting the HCFC production phase-out management plan to the Executive Committee, fruitful negotiations in April 2013 led to its approval in April 2013 at \$95 million for Stage I. The Committee also agreed that the entire plan would not exceed \$385 million. This approval permitted production quotas to be issued for 2013 and the signing of quota reduction contracts with six HCFC-141b producers and six HCFC-142b producers and FECO with a total value of \$10.427 million.

The World Bank conducted two supervision and preparation missions in 2013. In addition, a representative from FECO attended the Bank's 8<sup>th</sup> East Asia ODS Phaseout Workshop held in Pattaya, Thailand in July 2013.

## INDIA

### *Country Developments*

As of the end of 2013, three MLF projects were active under three grant agreements: the Accelerated CFC Production Sector Plan (ACPP), the CTC Phaseout Plan for the Production and Consumption Sectors, and the India Chiller Replacement Project.

Funding release for the second tranche of the ACPP depended on meeting specific conditions as per the agreement between India and the Executive Committee. In July 2012, the Executive Committee released part of the funding (US\$739,900) on the understanding that the remaining amount for the tranche would be approved once contaminated CFCs at one producer were destroyed. This remaining amount (\$317,000) was approved the following year in April 2013. For the CTC sector plan, the activity that remained in 2013 continued to be the technical assistance (TA) component. The TA work plan was agreed in 2013.

In regards to the Chiller Replacement Project, the project moves steadily forward with four chiller replacements in 2013 and the hosting of a series of technical and awareness raising meetings and workshops with and for stakeholders.

Three Bank missions were conducted in 2013 for supervision of the ongoing MLF projects.

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## INDONESIA

### *Country Developments*

The HCFC foam sector plan commenced in 2013 after the Grant Agreement between the Government of Indonesia and the World Bank was signed in July 2013. A project launch workshop was arranged by the national ozone unit in August and was followed by a training workshop for three large foam enterprises for preparation of proposals. The foam enterprises, covering consumption of about 50% of the targeted ODP phaseout, submitted their proposals in September. Signing of subgrant agreements followed.

The Indonesia chiller energy efficiency project aimed to bring together GEF funding of \$3.66 million and \$1 million from the MLF-funded global chiller project. A grant agreement between Indonesia and the World Bank was prepared but not approved as the project was canceled in 2013. This followed the failure to obtain GEF CEO endorsement, the final step of the GEF approval process in light of certain Council member objections on the possible use of HFC-based refrigerants in replacement chillers.

The ODS disposal preparation activity commenced with the signing of a contract with and disbursement to a consulting firm in January 2013. Discussions between the Bank and senior Government officials were held in order to engage, and ensure access to, appropriate national stakeholders. Data collection and development of an inventory system for unwanted ODS was completed. Guidelines for collection, handling, packaging, transport, and procedure of final disposal, based on results of data collection and inventory, and consistent with existing protocols and criteria of the major voluntary carbon markets, were under preparation in late 2013.

The Bank conducted a total of three missions in 2013 and several Government representatives and consultants attended the Bank's 8<sup>th</sup> East Asia ODS Phaseout Workshop held in Pattaya, Thailand in July 2013.

## JORDAN

### *A. Country Developments*

Jordan is implementing an Air-conditioning Sector Plan to eliminate HCFC-22 in manufacturing of residential air-conditioning units at three enterprises and to manage the overall sector's transition away from HCFC with policy and technical assistance. The project has fallen under a new grant agreement (GA) between the Government of Jordan and the World Bank (which also includes the Institutional Strengthening Project).

Legislative updates and the HCFC quota were issued in January 2013. Negotiations on the GA were completed in March 2013, the GA was approved by the Bank in April and then signed with the

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Government of Jordan in May. Preparation of the subgrant agreements and subproject documents for the AC enterprises commenced in 2013.

### *B. Institutional Strengthening*

In December 2012, Jordan received approval of the tenth phase of the Institutional Strengthening Project (ISP). Implementation of the ISP progressed in 2013 while the new Grant Agreement between the Bank and the country was under finalization. The national ozone unit (NOU) facilitated issuance of instructions for controlling ODS import and export of ODS and broadening the quota system for HCFC control. It issued 455 approvals for HCFC imports; reported to the Ozone and MLF Secretariats and organized international ozone day celebrations; and attended international / regional ozone meetings. In addition, the NOU continued monitoring by conducting field visits to HCFC-using industry. The NOU participated in discussions on the new umbrella GA implementation arrangements, particularly in regards to the IS component. It was instrumental in obtaining a legal opinion for the GA from Ministry of Justice and for interagency coordination in order to start the umbrella project.

In 2013, one World Bank supervision mission was conducted. Several additional visits with the NOU by the Task Team Leader were also undertaken.

## **PHILIPPINES**

### *A. Country Developments*

There are two remaining active project activities under the Philippines-World Bank Montreal Protocol partnership, the Philippines Chiller Energy Efficiency Project and the ODS disposal study.

The Chiller Energy Efficiency Project was restructured in June 2013 and has progressed steadily since that time. Forty-six potential chillers were identified for replacement. By the end of 2013, eight subgrant agreements covering replacement of 13 chillers were signed. The PMU completed its evaluation of the eligibility of identified chillers and confirmed that another 11 chillers are eligible for financing. An online monitoring system is now operational and a marketing plan was developed to encourage additional chiller owners to participate in the project.

The ODS disposal study will complement the chiller project by not only addressing unwanted ODS from service shops but the CFCs that will be retired from dismantled chillers. Recruitment of a consulting firm took place and the first disbursement was made in January 2013. Discussions between the Bank and senior Government officials were held in order to engage, and ensure access to, appropriate national stakeholders. Data collection and development of an inventory system for unwanted ODS were completed. Guidelines for collection, handling, packaging, transport, and procedure of final disposal, based on results of data collection and inventory, and consistent with existing protocols and criteria of the major voluntary carbon markets, were under preparation in late 2013. The ODS study will be circulated to the Government and stakeholders in early 2014.

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The Bank Task Team conducted two supervision missions in 2013 for the chiller project. DENR representatives also attended the Bank's 8<sup>th</sup> East Asia ODS Phaseout Workshop in Pattaya, Thailand in July 2013.

## **THAILAND**

### *A. Country Developments*

Three investment projects were active in 2013, including the HPMP, the National CFC Phaseout Plan (NCPP) and the National Methyl Bromide Project. However, both the CFC and methyl bromide projects were declared completed on 31 December 2013 in conjunction with the closing of the overall umbrella grant agreement between Thailand and the World Bank.

Preparation of a new grant agreement (GA) between Thailand and the Bank to house the Stage I HCFC Phaseout Management Plan took most of the 2013 calendar year. The pre-appraisal mission was completed and implementation arrangements were discussed and agreed upon by all stakeholders. The Environmental Management Plans (EMPs) for the AC sector and Environmental Management Framework (EMF) for Foam Sector were prepared. Negotiation of the GA was expected by February 2014.

### *B. Institutional Strengthening*

Institutional strengthening (IS) funds have been used to enhance the capacity of the National Ozone Unit (NOU) and government agencies to effectively implement ODS phaseout in compliance with the country's obligations. In 2013, a quota for each HCFC importer was determined. The country complied fully with reporting obligations under Art. 7 and the Country Programme reporting requirement. A memo of understanding between Customs and the Office of Vocational Education Commission was signed to set up a collaborative mechanism for strengthening ODS phaseout efforts. The NOU participated in MP-related meetings and coordinated with UNEP to facilitate the 25th MOP and 33rd OEWG meeting in Thailand in 2013.

NOU staff also attended all relevant international and regional (network) Montreal Protocol meetings in 2013. Government representatives cohosted and attended the Bank's 8<sup>th</sup> East Asia ODS Phaseout Workshop in Pattaya, Thailand in July 2013. A large number of Thailand's air-conditioning sector was also present on the second and third day of the workshop. A total of four Bank missions were conducted in 2013 for supervision of the NCPP, ISP and methyl bromide project, as well as the preparation of the HPMP.

## **TURKEY**

### *A. Country Developments*

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All ODS project activities for the Government of Turkey that had been implemented under the World Bank came to an end in 2007 and in April 2009, the umbrella ODS phaseout project for Turkey closed financially as well. The Bank was required to conduct monitoring of the Total Phaseout of CFC Plan until 2009 through performance and financial verification. An implementation status report was prepared and submitted to the World Bank in 2011, as was a project completion report. The verification will not be conducted given the time elapsed and the continued compliance of the Government of Turkey with total CFC phaseout. The balance of the funds was returned in 2013.

### *B. Institutional Strengthening*

The Institutional Strengthening Project (ISP) was transferred to UNIDO in 2009.

## **VIETNAM**

### *Country Developments*

Implementation of the methyl bromide phaseout plan, which was launched in 2009, continued to progress well in 2013. Vietnam successfully met its 2013 methyl bromide consumption reduction targets as per the agreement with the Executive Committee and the import quota for 2014 has been issued.

The Vietnam HPMP and associated foam sector plan was approved in 2011 and the new grant agreement between the Government of Vietnam and the Bank was signed in November 2012. The HCFC import quota was issued for 2013 and subproject implementation commenced immediately in 2013 with one enterprise out of the 12 completing its project as early as May. A foam enterprise study tour was completed in April 2013 to demonstrate use of hydrocarbons and related foam blowing equipment. The project launch workshop followed in May 2013 in Ho Chi Minh City.

An additional seven enterprises signed subgrant agreements by the end of December 2013 and two of these started equipment procurement. Workshops and training held for Customs and the refrigeration sector. Four technical consultants hired, including one for developing a management information system for imported HCFC bulk and in preblended polyol one to support subproject implementation. The 2013 consumption verification will be completed in the first half of 2014. Preliminary information indicates that Vietnam's HCFC consumption is below the freeze level.

One World Bank supervision and preparation mission was conducted in 2013. In addition, Government representatives attended the Bank's 8<sup>th</sup> East Asia ODS Phaseout Workshop held in Pattaya, Thailand in July 2013.

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