



**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  
Septuagésimo primera reunión  
Montreal, 2 – 6 de diciembre de 2013

**RESEÑA DE CUESTIONES IDENTIFICADAS DURANTE EL EXAMEN DE PROYECTOS**

## **Introducción**

1. Este documento consiste en las siguientes secciones:
  - a) Análisis de los proyectos y las actividades presentados a la 71ª reunión por los organismos de ejecución y bilaterales;
  - b) Cuestiones identificadas durante el proceso de examen de proyectos;
  - c) Proyectos y actividades presentados para aprobación general; y
  - d) Proyectos con inversión sometidos a consideración individual.

## **Proyectos y actividades presentados por los organismos de ejecución y bilaterales**

2. Los organismos de ejecución y bilaterales presentaron 107 pedidos de financiamiento para tramos de acuerdos plurianuales, proyectos y actividades aprobados, por un monto que asciende a 101 382 333 \$EUA, incluido los gastos de apoyo del organismo cuando proceda. Las solicitudes de financiamiento cubrieron:

- a) Los segundos/terceros/cuartos tramos de los planes de gestión de eliminación de los HCFC aprobados para 33 países;
- b) Pedidos de renovación de proyectos de fortalecimiento institucional en 27 países;
- c) Informes de verificación para la etapa I de los planes de gestión de eliminación de los HCFC en 16 países;
- d) Proyecto experimental de demostración sobre gestión y eliminación de desechos de SAO en un país; un tramo para el plan nacional de eliminación de metilbromuro en un país, y pedidos para preparación de proyectos para eliminación de metilbromuro en tres países; y
- e) El presupuesto del Programa de Asistencia al Cumplimiento para 2014 del PNUMA y el presupuesto para 2014 de las unidades centrales para el PNUD, la ONUDI y el Banco Mundial.

3. Después del proceso de examen de proyectos, 75 proyectos y actividades, que suman 19 637 621 \$EUA, incluido los gastos de apoyo, se recomiendan para aprobación general, y 29 proyectos y actividades, que suman 78 357 893 \$EUA, se remiten para consideración individual por parte del Comité Ejecutivo. En esta reunión el financiamiento pedido para los proyectos presentados para aprobación general y los sometidos a consideración individual representa un monto total de 97 995 514 \$EUA.

4. Tres segundos tramos de la etapa I del plan de gestión de eliminación de los HCFC, por un costo total de 3 460 934 \$EUA, según lo presentado originalmente, fueron retirados por los organismos pertinentes, dado que los niveles de desembolsos de los tramos anteriores estaban por debajo del 20 por ciento (Estado Plurinacional de Bolivia y Cuba), y no se cumplieron los prerequisites sobre la presentación del informe de avance en la ejecución de los planes nacionales de eliminación de CFC y el informe de verificación (Arabia Saudita).

### Proceso de examen de proyectos

5. Durante el examen de proyectos, la Secretaría identificó barreras a la introducción de tecnologías con bajo potencial de calentamiento atmosférico, especialmente en el sector de refrigeración y aire acondicionado. La Secretaría presenta brevemente esta situación al Comité Ejecutivo para información.

6. El Comité Ejecutivo hizo importantes esfuerzos para aprobar los proyectos para la conversión de los HCFC a las tecnologías con bajo potencial de calentamiento atmosférico. En el sector de refrigeración y aire acondicionado actualmente hay tres alternativas posibles para sustituir el HCFC-22 por un potencial de calentamiento atmosférico sustancialmente bajo, a saber: el HC-290 (propano), el HC-600A (isobutano) y el HFC-32, todas sustancias inflamables. El uso de refrigerantes inflamables exige que se evalúen los procedimientos usados para el almacenamiento, el transporte, el servicio y la eliminación de los sistemas de refrigeración y aire acondicionado, definidos típicamente en normas. Sin estas normas, ningún equipo que use esos refrigerantes puede ponerse en el mercado.

7. La norma internacional IEC 60335-2-40 permite el uso de refrigerantes inflamables en aparatos de aire acondicionado dentro de ciertos límites. En mayo de 2013, se puso en vigencia en China la “Norma de seguridad de aparatos eléctricos domésticos y similares - requisitos particulares para bombas de calor, aparatos de aire acondicionado y deshumidificadores” (GB4706, 32), que es equivalente a la norma IEC 60335-2-40. Asimismo hay la norma más general ISO 5419, que cubre equipos de refrigeración, que es más restrictiva en el uso de refrigerantes inflamables y no permite su uso para los aparatos de aire acondicionado individuales. Los equipos de expertos convinieron en una versión revisada que permite el uso de hidrocarburos en este tipo de aparatos, pero la Organización Internacional de Normalización todavía debe aprobarla, lo que posiblemente suceda en 2013. En consecuencia, ante la ausencia de esas normas los fabricantes hesitan mucho antes de introducir en el mercado sistemas con hidrocarburos.

8. La necesidad de tener normas que definan las prácticas idóneas para el uso de sustancias inflamables bloquea firmemente el acceso al mercado de los productos que utilizan esas tecnologías. Éste también es el caso para los países que no están fabricando aparatos de aire acondicionado, pero que han indicado en sus planes de gestión de eliminación de los HCFC que introducirían sistemas de refrigeración y aire acondicionado con bajo potencial de calentamiento atmosférico para sustituir los sistemas que utilizan el HCFC-22. Sin embargo, los fabricantes sólo exportarían equipos a esos países, una vez que se hubiesen implantado las normas pertinentes en el país específico.

9. Una vez que esas normas estén vigentes, el sector de servicios debería aumentar el nivel de formación de los técnicos para asegurar que son capaces de manejar los refrigerantes inflamables en forma correcta y en condiciones de seguridad. De no existir esta consideración, los esfuerzos de capacitación por técnico probablemente aumentarán, comparado con la transición de los CFC a los HCFC o a los HFC no inflamables. Si bien esta mejora puede emprenderse paralelamente a la introducción de alternativas en el mercado, la incertidumbre sobre la disponibilidad de técnicos expertos en el servicio de equipos de refrigeración puede crear una barrera adicional a la introducción de alternativas con bajo potencial de calentamiento atmosférico. Esta cuestión es pertinente para todos los países que se proponen utilizar sistemas de aire acondicionado con bajo potencial de calentamiento atmosférico, independientemente de si los fabrican o los importan.

10. La Secretaría tomó nota de que en numerosos planes de gestión de eliminación de los HCFC las expectativas de esfuerzos necesarios para introducir una nueva tecnología pudieron haberse basado en las intervenciones del caso típico para la transición de los CFC, donde el mejoramiento de normas tuvo una prioridad limitada y las necesidades de actualizarse de los técnicos en servicio y mantenimiento fueron moderadas. Si las tecnologías con bajo potencial de calentamiento atmosférico van a introducirse

ampliamente, las mejoras en las normas y, posteriormente, en el nivel de formación de los técnicos tendrán que ser sustanciales.

### Cuestiones de criterios identificadas durante el examen de proyectos

11. Durante el examen de proyectos para la 71ª reunión no se identificó ninguna cuestión de criterios.

### Proyectos y actividades presentados para aprobación general

12. El Anexo I de este documento enumera 75 proyectos y actividades que ascienden a 19 637 621 \$EUA, incluido los gastos de apoyo, que se recomiendan para aprobación general. La aprobación de estos proyectos por parte del Comité Ejecutivo incluiría las condiciones o las disposiciones pertinentes en las hojas de evaluación de proyecto correspondientes y la aprobación de los programas de ejecución asociados a los tramos pertinentes de proyectos plurianuales.

### Proyectos con inversión sometidos a consideración individual

13. Después del examen por parte de la Secretaría, se propuso para consideración individual un total de 29 proyectos y actividades presentados por 11 países, que ascienden a 78 357 893 \$EUA, incluido los gastos de apoyo. Las cuestiones asociadas a los proyectos sin inversión (2 países) se presentan en el programa de trabajo de la ONUDI (UNEP/OzL.Pro/ExCom/71/22).

14. Para facilitar el examen del Comité Ejecutivo de los proyectos sometidos a consideración individual, la Secretaría clasificó los proyectos por sector y los agrupó según las cuestiones, como se indica en el Cuadro 1 siguiente.

**Cuadro 1. Solicitudes de tramos de planes de gestión de eliminación de los HCFC sometidas a consideración individual**

País	Proyecto	Organismo	Com. Ejecut.	Cuestión
<b>Eliminación de SAO</b>				
Argelia	Proyecto experimental de demostración sobre gestión y eliminación de desechos de SAO	ONUDI	71/25	Informe de ejecución del programa de país. Eliminación de desechos.
<b>Solicitud de tramos de los planes de gestión de eliminación de los HCFC</b>				
China	Plan de gestión de eliminación de los HCFC (etapa I, tercer tramo)	PNUD/PNUMA/ONUDI /Banco Mundial/Japón	71/30	Desembolsos de fondos.
Croacia	Plan de gestión de eliminación de los HCFC (etapa I, cuarto tramo)	ONUDI/Italia	71/32	Reclasificación como Parte no al amparo del Artículo 5.
India	Plan de gestión de eliminación de los HCFC (etapa I, segundo tramo)	PNUD	71/35	Solicitud de fondos por encima de 5 millones \$EUA.
Indonesia	Plan de gestión de eliminación de los HCFC (etapa I, segundo tramo)		71/36	Desembolsos de fondos.
República Islámica del Irán	Plan de gestión de eliminación de los HCFC (etapa I, tercer tramo)	PNUD/ONUDI	71/37	Cambios en el componente de espumas; desembolsos de fondos.
Montenegro	Plan de gestión de eliminación de los HCFC (etapa I, segundo tramo)	ONUDI	71/42	Nuevo acuerdo, nivel reducido de financiamiento.
Namibia	Plan de gestión de eliminación de los HCFC (etapa I, segundo tramo)	Alemania	71/43	Consumo para 2011 por encima del nivel máximo permitido en el Acuerdo.
Viet Nam	Plan de gestión de eliminación de los HCFC (etapa I, segundo tramo)	Banco Mundial	71/52	Fondos solicitados, por encima de 5 millones \$EUA; nuevo acuerdo.

# List of projects and activities recommended for blanket approval

UNEP/OzL.Pro/ExCom/71/18  
Annex I

Project Title	Agency	ODP (tonnes)	Funds recommended (US\$)		C.E. (US\$/kg)	
			Project	Support		Total
<b>ALBANIA</b>						
<b>PHASE-OUT PLAN</b>						
<b>HCFC phase out plan</b>						
Verification report for stage I of HCFC phase-out management plan	UNIDO		\$30,000	\$2,700	\$32,700	
<i>Approved on the understanding that the verification report should be submitted at least 60 days prior to the applicable Executive Committee meeting where future tranche request for its HPMP is being sought, in accordance with paragraph 5(b) of the agreement between Albania and the Executive Committee for the reduction of consumption of HCFCs.</i>						
<b>Total for Albania</b>			<b>\$30,000</b>	<b>\$2,700</b>	<b>\$32,700</b>	
<b>ARGENTINA</b>						
<b>SEVERAL</b>						
<b>Ozone unit support</b>						
Extension for institutional strengthening project (phase VIII: 1/2014-12/2015)	UNDP		\$311,567	\$21,810	\$333,377	
<b>Total for Argentina</b>			<b>\$311,567</b>	<b>\$21,810</b>	<b>\$333,377</b>	
<b>BAHAMAS</b>						
<b>PHASE-OUT PLAN</b>						
<b>HCFC phase out plan</b>						
HCFC phase-out management plan (stage I, second tranche)	UNIDO	0.2	\$10,464	\$942	\$11,406	
HCFC phase-out management plan (stage I, second tranche)	UNEP	0.2	\$49,550	\$6,442	\$55,992	
Verification report on the implementation of the HCFC phase-out management plan	UNEP		\$30,000	\$3,900	\$33,900	
<i>Approved on the understanding that the verification report should be submitted at least 60 days prior to the applicable Executive Committee meeting where future tranche request for its HPMP is being sought, in accordance with paragraph 5(b) of the agreement between the Bahamas and the Executive Committee for the reduction of consumption of HCFCs.</i>						
<b>Total for Bahamas</b>			<b>0.5</b>	<b>\$90,014</b>	<b>\$11,284</b>	<b>\$101,298</b>
<b>BANGLADESH</b>						
<b>SEVERAL</b>						
<b>Ozone unit support</b>						
Renewal of the institutional strengthening project (phase VII: 1/2014-12/2015)	UNDP		\$130,000	\$9,100	\$139,100	
<b>Total for Bangladesh</b>			<b>\$130,000</b>	<b>\$9,100</b>	<b>\$139,100</b>	

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			Project	Support	
<b>BENIN</b>					
<b>SEVERAL</b>					
<b>Ozone unit support</b>					
Renewal of institutional strengthening project (phase VIII: 1/2014-12/2015)	UNEP		\$60,000	\$0	\$60,000
<b>Total for Benin</b>			<b>\$60,000</b>		<b>\$60,000</b>
<b>BHUTAN</b>					
<b>SEVERAL</b>					
<b>Ozone unit support</b>					
Extension of institutional strengthening project (phase V: 12/2013-11/2015)	UNEP		\$60,000	\$0	\$60,000
<b>Total for Bhutan</b>			<b>\$60,000</b>		<b>\$60,000</b>
<b>BOSNIA AND HERZEGOVINA</b>					
<b>SEVERAL</b>					
<b>Ozone unit support</b>					
Extension of the institutional strengthening project (phase IV: 3/2014-2/2016)	UNIDO		\$95,333	\$6,673	\$102,006
<b>Total for Bosnia and Herzegovina</b>			<b>\$95,333</b>	<b>\$6,673</b>	<b>\$102,006</b>
<b>BURUNDI</b>					
<b>SEVERAL</b>					
<b>Ozone unit support</b>					
Extension of the institutional strengthening project (phase VI: 1/2014-12/2015)	UNEP		\$60,000	\$0	\$60,000
<b>Total for Burundi</b>			<b>\$60,000</b>		<b>\$60,000</b>
<b>CAMEROON</b>					
<b>PHASE-OUT PLAN</b>					
<b>HCFC phase out plan</b>					
HCFC phase-out management plan (refrigeration servicing sector plan) (stage I, second tranche)	UNIDO	2.0	\$180,000	\$13,500	\$193,500
<i>Noted that the Agreement was updated based on the established HCFC baseline for compliance, and that the revised starting point for sustained aggregate reduction in HCFC consumption was 77.56 ODP tonnes, calculated using estimated consumption of 81.70 ODP tonnes reported under the HPMP survey for 2009 and actual consumption of 73.40 ODP tonnes reported for 2010 under Article 7 of the Montreal Protocol.</i>					
<b>SEVERAL</b>					
<b>Ozone unit support</b>					
Extension of institutional strengthening project (phase IX: 1/2014-12/2015)	UNEP		\$139,532	\$0	\$139,532
<b>Total for Cameroon</b>			<b>2.0</b>	<b>\$319,532</b>	<b>\$13,500</b>
					<b>\$333,032</b>

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Project Title	Agency	ODP (tonnes)	Funds recommended (US\$)		C.E. (US\$/kg)
			Project	Support	
<b>CAPE VERDE</b>					
<b>PHASE-OUT PLAN</b>					
<b>HCFC phase out plan</b>					
HCFC phase-out management plan (stage I, second tranche)	UNEP		\$35,000	\$4,550	\$39,550
<b>SEVERAL</b>					
<b>Ozone unit support</b>					
Extension of the institutional strengthening project (phase IV: 1/2014-12/2015)	UNEP		\$60,000	\$0	\$60,000
<b>Total for Cape Verde</b>			<b>\$95,000</b>	<b>\$4,550</b>	<b>\$99,550</b>
<b>CENTRAL AFRICAN REPUBLIC</b>					
<b>PHASE-OUT PLAN</b>					
<b>HCFC phase out plan</b>					
Verification report on the implementation of the HCFC phase-out management plan	UNEP		\$30,000	\$3,900	\$33,900
<i>Approved on the understanding that the verification report should be submitted at least 60 days prior to the applicable Executive Committee meeting where future tranche request for its HPMP is being sought, in accordance with paragraph 5(b) of the agreement between the Central African Republic and the Executive Committee for the reduction of consumption of HCFCs.</i>					
<b>Total for Central African Republic</b>			<b>\$30,000</b>	<b>\$3,900</b>	<b>\$33,900</b>
<b>CHAD</b>					
<b>SEVERAL</b>					
<b>Ozone unit support</b>					
Extension of the institutional strengthening project (phase VI: 1/2014-12/2015)	UNEP		\$60,000	\$0	\$60,000
<b>Total for Chad</b>			<b>\$60,000</b>		<b>\$60,000</b>
<b>CHILE</b>					
<b>PHASE-OUT PLAN</b>					
<b>HCFC phase out plan</b>					
HCFC phase-out management plan (stage I, second tranche)	UNEP	0.5	\$40,127	\$5,217	\$45,344
<i>Noted that the Agreement was updated based on the established HCFC baseline for compliance, and that the revised starting point for sustained aggregate reduction in HCFC consumption was 87.5 ODP tonnes, calculated using actual consumption of 75.2 ODP tonnes and 99.8 ODP tonnes reported for 2009 and 2010, respectively, under Article 7 of the Montreal Protocol.</i>					

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Project Title	Agency	ODP (tonnes)	Funds recommended (US\$)		C.E. (US\$/kg)
			Project	Support	
HCFC phase-out management plan (stage I, second tranche)	UNDP	6.6	\$537,357	\$40,302	\$577,659
<i>Noted that the Agreement was updated based on the established HCFC baseline for compliance, and that the revised starting point for sustained aggregate reduction in HCFC consumption was 87.5 ODP tonnes, calculated using actual consumption of 75.2 ODP tonnes and 99.8 ODP tonnes reported for 2009 and 2010, respectively, under Article 7 of the Montreal Protocol.</i>					
<b>Total for Chile</b>		<b>7.1</b>	<b>\$577,484</b>	<b>\$45,519</b>	<b>\$623,003</b>
<b>CHINA</b>					
<b>FUMIGANT</b>					
<b>Methyl bromide</b>					
National phase-out of methyl bromide (phase II, eighth tranche)	UNIDO		\$500,000	\$37,500	\$537,500
<b>Total for China</b>			<b>\$500,000</b>	<b>\$37,500</b>	<b>\$537,500</b>
<b>CONGO</b>					
<b>PHASE-OUT PLAN</b>					
<b>HCFC phase out plan</b>					
HCFC phase-out management plan (stage I, second tranche)	UNEP	0.5	\$30,000	\$3,900	\$33,900
<b>SEVERAL</b>					
<b>Ozone unit support</b>					
Extension of the institutional strengthening project (phase VIII: 1/2014-12/2015)	UNEP		\$60,000	\$0	\$60,000
<b>Total for Congo</b>		<b>0.5</b>	<b>\$90,000</b>	<b>\$3,900</b>	<b>\$93,900</b>
<b>CONGO, DR</b>					
<b>SEVERAL</b>					
<b>Ozone unit support</b>					
Extension of institutional strengthening project (phase VII: 1/2014-12/2015)	UNEP		\$64,540	\$0	\$64,540
<b>Total for Congo, DR</b>			<b>\$64,540</b>		<b>\$64,540</b>
<b>COSTA RICA</b>					
<b>SEVERAL</b>					
<b>Ozone unit support</b>					
Extension of institutional strengthening project (phase X: 1/2014-12/2015)	UNDP		\$140,513	\$9,836	\$150,349
<b>Total for Costa Rica</b>			<b>\$140,513</b>	<b>\$9,836</b>	<b>\$150,349</b>



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			Project	Support	
<b>CUBA</b>					
<b>PHASE-OUT PLAN</b>					
<b>HCFC phase out plan</b>					
Verification report for stage I of HCFC phase-out management plan	UNDP		\$30,000	\$2,700	\$32,700
<i>Approved on the understanding that the verification report should be submitted at least 60 days prior to the applicable Executive Committee meeting where future tranche request for its HPMP is being sought, in accordance with paragraph 5(b) of the agreement between Cuba and the Executive Committee for the reduction of consumption of HCFCs.</i>					
<b>SEVERAL</b>					
<b>Ozone unit support</b>					
Extension of institutional strengthening project (phase IX: 1/2014-12/2015)	UNDP		\$149,066	\$10,435	\$159,501
<b>Total for Cuba</b>			<b>\$179,066</b>	<b>\$13,135</b>	<b>\$192,201</b>
<b>FIJI</b>					
<b>PHASE-OUT PLAN</b>					
<b>HCFC phase out plan</b>					
Verification report for stage I of HCFC phase-out management plan	UNDP		\$30,000	\$2,700	\$32,700
<i>Approved on the understanding that the verification report should be submitted at least 60 days prior to the applicable Executive Committee meeting where future tranche request for its HPMP is being sought, in accordance with paragraph 5(b) of the agreement between Fiji and the Executive Committee for the reduction of consumption of HCFCs.</i>					
<b>Total for Fiji</b>			<b>\$30,000</b>	<b>\$2,700</b>	<b>\$32,700</b>
<b>GABON</b>					
<b>SEVERAL</b>					
<b>Ozone unit support</b>					
Extension of the institutional strengthening project (phase VIII: 1/2014-12/2015)	UNEP		\$60,000	\$0	\$60,000
<b>Total for Gabon</b>			<b>\$60,000</b>		<b>\$60,000</b>
<b>GAMBIA</b>					
<b>PHASE-OUT PLAN</b>					
<b>HCFC phase out plan</b>					
HCFC phase-out management plan (stage I, second tranche)	UNEP	0.1	\$23,000	\$2,990	\$25,990
<i>Noted that the Agreement was updated based on the established HCFC baseline for compliance, and that the revised starting point for sustained aggregate reduction in HCFC consumption was 1.5 ODP tonnes, calculated using actual consumption of 1.5 ODP tonnes reported each for 2009 and 2010, under Article 7 of the Montreal Protocol.</i>					

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Project Title	Agency	ODP (tonnes)	Funds recommended (US\$)		C.E. (US\$/kg)
			Project	Support	
Verification report on the implementation of the HCFC phase-out management plan <i>Approved on the understanding that the verification report should be submitted at least 60 days prior to the applicable Executive Committee meeting where future tranche request for its HPMP is being sought, in accordance with paragraph 5(b) of the agreement between the Gambia and the Executive Committee for the reduction of consumption of HCFCs.</i>	UNEP		\$30,000	\$3,900	\$33,900
<b>Total for Gambia</b>		<b>0.1</b>	<b>\$53,000</b>	<b>\$6,890</b>	<b>\$59,890</b>
<b>GUINEA-BISSAU</b>					
<b>PHASE-OUT PLAN</b>					
<b>HCFC phase out plan</b>					
HCFC phase-out management plan (stage I, second tranche) <i>Noted that the Agreement was updated based on the established HCFC baseline for compliance and the revised funding level, and that the revised starting point for sustained aggregate reduction in HCFC consumption was 2.83 ODP tonnes, calculated using the actual consumption of 2.75 ODP tonnes and 2.9 ODP tonnes reported for 2009 and 2010, respectively, under Article 7 of the Montreal Protocol, and that the revised funding level for stage I of the HPMP for Guinea-Bissau was US \$280,000, in accordance with decision 60/44(f)(xii).</i>	UNEP		\$52,000	\$6,760	\$58,760
<b>Total for Guinea-Bissau</b>			<b>\$52,000</b>	<b>\$6,760</b>	<b>\$58,760</b>
<b>INDONESIA</b>					
<b>SEVERAL</b>					
<b>Ozone unit support</b>					
Extension of institutional strengthening project (phase IX: 1/2014-12/2015)	UNDP		\$271,246	\$18,987	\$290,233
<b>Total for Indonesia</b>			<b>\$271,246</b>	<b>\$18,987</b>	<b>\$290,233</b>
<b>LAO, PDR</b>					
<b>PHASE-OUT PLAN</b>					
<b>HCFC phase out plan</b>					
Verification report on the implementation of the HCFC phase-out management plan <i>Approved on the understanding that the verification report should be submitted at least 60 days prior to the applicable Executive Committee meeting where future tranche request for its HPMP is being sought, in accordance with paragraph 5(b) of the agreement between the Lao People's Democratic Republic and the Executive Committee for the reduction of consumption of HCFCs.</i>	UNEP		\$30,000	\$3,900	\$33,900
<b>Total for Lao, PDR</b>			<b>\$30,000</b>	<b>\$3,900</b>	<b>\$33,900</b>
<b>LIBYA</b>					
<b>SEVERAL</b>					
<b>Ozone unit support</b>					
Renewal of institutional strengthening project (phase III: 12/2013-11/2015)	UNIDO		\$136,065	\$9,525	\$145,590

# List of projects and activities recommended for blanket approval

UNEP/OzL.Pro/ExCom/71/18  
Annex I

Project Title	Agency	ODP (tonnes)	Funds recommended (US\$)		C.E. (US\$/kg)	
			Project	Support		Total
<b>Total for Libya</b>			<b>\$136,065</b>	<b>\$9,525</b>	<b>\$145,590</b>	
<b>MALAWI</b>						
<b>PHASE-OUT PLAN</b>						
<b>HCFC phase out plan</b>						
Verification report on the implementation of the HCFC phase-out management plan	UNEP		\$30,000	\$3,900	\$33,900	
<i>Approved on the understanding that the verification report should be submitted at least 60 days prior to the applicable Executive Committee meeting where future tranche request for its HPMP is being sought, in accordance with paragraph 5(b) of the agreement between Malawi and the Executive Committee for the reduction of consumption of HCFCs.</i>						
<b>Total for Malawi</b>			<b>\$30,000</b>	<b>\$3,900</b>	<b>\$33,900</b>	
<b>MALAYSIA</b>						
<b>PHASE-OUT PLAN</b>						
<b>HCFC phase out plan</b>						
HCFC phase-out management plan (stage I, first tranche) (technical assistance for the servicing sector)	UNDP	3.2	\$261,156	\$19,587	\$280,743	
HCFC phase-out management plan (stage I, second tranche) (polyurethane foam sector plan)	UNDP	35.8	\$3,140,476	\$235,536	\$3,376,012	
HCFC phase-out management plan (stage I, first tranche) (management and coordination)	UNDP		\$227,091	\$17,031	\$244,122	
<b>Total for Malaysia</b>			<b>39.0</b>	<b>\$3,628,723</b>	<b>\$272,154</b>	<b>\$3,900,877</b>
<b>MALI</b>						
<b>PHASE-OUT PLAN</b>						
<b>HCFC phase out plan</b>						
HCFC phase-out management plan (stage I, first tranche)	UNEP		\$55,000	\$7,150	\$62,150	
<b>Total for Mali</b>			<b>\$55,000</b>	<b>\$7,150</b>	<b>\$62,150</b>	
<b>MEXICO</b>						
<b>PHASE-OUT PLAN</b>						
<b>HCFC phase out plan</b>						
HCFC phase-out management plan (stage I, third tranche) (refrigeration servicing, technical assistance and monitoring)	UNIDO	10.5	\$578,341	\$43,376	\$621,717	
HCFC phase-out management plan (stage I, third tranche) (foam sector plan for systems houses and local customers)	UNDP	101.5	\$3,800,000	\$285,000	\$4,085,000	
<b>Total for Mexico</b>			<b>112.0</b>	<b>\$4,378,341</b>	<b>\$328,376</b>	<b>\$4,706,717</b>

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Project Title	Agency	ODP (tonnes)	Funds recommended (US\$)		C.E. (US\$/kg)
			Project	Support	
<b>MONGOLIA</b>					
<b>PHASE-OUT PLAN</b>					
<b>HCFC phase out plan</b>					
Verification report on the implementation of the HCFC phase-out management plan <i>Approved on the understanding that the verification report should be submitted at least 60 days prior to the applicable Executive Committee meeting where future tranche request for its HPMP is being sought, in accordance with paragraph 5(b) of the agreement between Mongolia and the Executive Committee for the reduction of consumption of HCFCs.</i>	UNEP		\$30,000	\$3,900	\$33,900
HCFC phase-out management plan (stage I, second tranche) <i>Noted that the Agreement was updated based on the established HCFC baseline for compliance, and that the revised starting point for sustained aggregate reduction in HCFC consumption was 1.4 ODP tonnes, calculated using actual consumption of 1.2 ODP tonnes and 1.5 ODP tonnes reported for 2009 and 2010, respectively, under Article 7 of the Montreal Protocol.</i>	UNEP	0.1	\$65,000	\$8,450	\$73,450
<b>Total for Mongolia</b>		<b>0.1</b>	<b>\$95,000</b>	<b>\$12,350</b>	<b>\$107,350</b>
<b>MYANMAR</b>					
<b>SEVERAL</b>					
<b>Ozone unit support</b>					
Extension of institutional strengthening project (phase IV: 1/2014-12/2015)	UNEP		\$60,000	\$0	\$60,000
<b>Total for Myanmar</b>			<b>\$60,000</b>		<b>\$60,000</b>
<b>NICARAGUA</b>					
<b>SEVERAL</b>					
<b>Ozone unit support</b>					
Renewal of institutional strengthening project (phase VII: 1/2014-12/2015)	UNEP		\$60,000	\$0	\$60,000
<b>Total for Nicaragua</b>			<b>\$60,000</b>		<b>\$60,000</b>
<b>NIGER</b>					
<b>PHASE-OUT PLAN</b>					
<b>HCFC phase out plan</b>					
Verification report for stage I of HCFC phase-out management plan <i>Approved on the understanding that the verification report should be submitted at least 60 days prior to the applicable Executive Committee meeting where future tranche request for its HPMP is being sought, in accordance with paragraph 5(b) of the agreement between Niger and the Executive Committee for the reduction of consumption of HCFCs.</i>	UNIDO		\$30,000	\$2,700	\$32,700

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Project Title	Agency	ODP (tonnes)	Funds recommended (US\$)		C.E. (US\$/kg)
			Project	Support	
<b>SEVERAL</b>					
<b>Ozone unit support</b>					
Extension of institutional strengthening project (phase IX: 1/2014-12/2015)	UNEP		\$64,828	\$0	\$64,828
	<b>Total for Niger</b>		<b>\$94,828</b>	<b>\$2,700</b>	<b>\$97,528</b>
<b>NIGERIA</b>					
<b>PHASE-OUT PLAN</b>					
<b>HCFC phase out plan</b>					
HCFC phase-out management plan (stage I, third tranche) (refrigeration air-conditioning manufacturing and coordination)	UNIDO		\$645,172	\$48,388	\$693,560
<i>UNIDO was requested to submit an implementation plan, no later than 15 February 2014, for the conversions of foam manufacturing in enterprises in the refrigeration sector, related to a consumption of 310.2 mt (34.12 ODP tonnes) of HCFC 141b, including information of enterprises covered, allocation of the funding, activities to be undertaken and their schedule.</i>					
HCFC phase-out management plan (stage I, third tranche) (foam, refrigeration air-conditioning servicing and coordination)	UNDP		\$503,829	\$37,787	\$541,616
<i>UNIDO was requested to submit an implementation plan, no later than 15 February 2014, for the conversions of foam manufacturing in enterprises in the refrigeration sector, related to a consumption of 310.2 mt (34.12 ODP tonnes) of HCFC-141b, including information of enterprises covered, allocation of the funding, activities to be undertaken and their schedule.</i>					
	<b>Total for Nigeria</b>		<b>\$1,149,001</b>	<b>\$86,175</b>	<b>\$1,235,176</b>
<b>OMAN</b>					
<b>SEVERAL</b>					
<b>Ozone unit support</b>					
Renewal of institutional strengthening support (phase V: 12/2013-11/2015)	UNIDO		\$68,467	\$4,793	\$73,260
	<b>Total for Oman</b>		<b>\$68,467</b>	<b>\$4,793</b>	<b>\$73,260</b>
<b>PANAMA</b>					
<b>SEVERAL</b>					
<b>Ozone unit support</b>					
Extension of institutional strengthening project (phase VI: 12/2013-11/2015)	UNDP		\$149,500	\$10,465	\$159,965
	<b>Total for Panama</b>		<b>\$149,500</b>	<b>\$10,465</b>	<b>\$159,965</b>
<b>PAPUA NEW GUINEA</b>					
<b>PHASE-OUT PLAN</b>					
<b>HCFC phase out plan</b>					
HCFC phase-out management plan (second tranche)	Germany	0.6	\$340,000	\$40,120	\$380,120

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Project Title	Agency	ODP (tonnes)	Funds recommended (US\$)		C.E. (US\$/kg)
			Project	Support	
<b>Total for Papua New Guinea</b>		<b>0.6</b>	<b>\$340,000</b>	<b>\$40,120</b>	<b>\$380,120</b>
<b>SAINT LUCIA</b>					
<b>PHASE-OUT PLAN</b>					
<b>HCFC phase out plan</b>					
Verification report on the implementation of the HCFC phase-out management plan	UNEP		\$30,000	\$3,900	\$33,900
<i>Approved on the understanding that the verification report should be submitted at least 60 days prior to the applicable Executive Committee meeting where future tranche request for its HPMP is being sought, in accordance with paragraph 5(b) of the agreement between Saint Lucia and the Executive Committee for the reduction of consumption of HCFCs.</i>					
<b>Total for Saint Lucia</b>			<b>\$30,000</b>	<b>\$3,900</b>	<b>\$33,900</b>
<b>SAO TOME AND PRINCIPE</b>					
<b>PHASE-OUT PLAN</b>					
<b>HCFC phase out plan</b>					
Verification report on the implementation of the HCFC phase-out management plan	UNEP		\$30,000	\$3,900	\$33,900
<i>Approved on the understanding that the verification report should be submitted at least 60 days prior to the applicable Executive Committee meeting where future tranche request for its HPMP is being sought, in accordance with paragraph 5(b) of the agreement between Sao Tome and Principe and the Executive Committee for the reduction of consumption of HCFCs.</i>					
<b>SEVERAL</b>					
<b>Ozone unit support</b>					
Extension of the institutional strengthening project (phase IV: 1/2014-12/2015)	UNEP		\$60,666	\$0	\$60,666
<b>Total for Sao Tome and Principe</b>			<b>\$90,666</b>	<b>\$3,900</b>	<b>\$94,566</b>
<b>SENEGAL</b>					
<b>SEVERAL</b>					
<b>Ozone unit support</b>					
Extension of institutional strengthening project (phase X: 1/2014-12/2015)	UNEP		\$152,101	\$0	\$152,101
<b>Total for Senegal</b>			<b>\$152,101</b>		<b>\$152,101</b>

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Project Title	Agency	ODP (tonnes)	Funds recommended (US\$)		C.E. (US\$/kg)
			Project	Support	
<b>SERBIA</b>					
<b>PHASE-OUT PLAN</b>					
<b>HCFC phase out plan</b>					
HCFC phase-out management plan (stage I, second tranche)	UNIDO	2.7	\$444,130	\$33,310	\$477,440
<i>Noted that the Agreement was updated based on the established HCFC baseline for compliance and the revised funding level, and that the revised starting point for sustained aggregate reduction in HCFC consumption was 8.4 ODP tonnes, calculated using actual consumption of 9.0 ODP tonnes and 7.8 ODP tonnes reported for 2009 and 2010, respectively, under Article 7 of the Montreal Protocol, and that the revised funding level for stage I of the HPMP for Serbia was US \$973,260 plus agency support costs in accordance with decision 60/44(f)(xii).</i>					
Verification report for stage I of HCFC phase-out management plan	UNIDO		\$30,000	\$2,700	\$32,700
<i>Approved on the understanding that the verification report should be submitted at least 60 days prior to the applicable Executive Committee meeting where future tranche request for its HPMP is being sought, in accordance with paragraph 5(b) of the agreement between Serbia and the Executive Committee for the reduction of consumption of HCFCs.</i>					
HCFC phase-out management plan (stage I, second tranche)	UNEP	0.2	\$27,500	\$3,575	\$31,075
<i>Noted that the Agreement was updated based on the established HCFC baseline for compliance and the revised funding level, and that the revised starting point for sustained aggregate reduction in HCFC consumption was 8.4 ODP tonnes, calculated using actual consumption of 9.0 ODP tonnes and 7.8 ODP tonnes reported for 2009 and 2010, respectively, under Article 7 of the Montreal Protocol, and that the revised funding level for stage I of the HPMP for Serbia was US \$973,260 plus agency support costs in accordance with decision 60/44(f)(xii).</i>					
<b>SEVERAL</b>					
<b>Ozone unit support</b>					
Extension of institutional strengthening project (phase V: 12/2013-11/2015)	UNIDO		\$131,300	\$9,191	\$140,491
<b>Total for Serbia</b>		<b>2.9</b>	<b>\$632,930</b>	<b>\$48,776</b>	<b>\$681,706</b>

## SOUTH AFRICA

### PHASE-OUT PLAN

#### HCFC phase out plan

HCFC phase-out management plan (stage I, second tranche) (refrigeration servicing, custom training and monitoring)	UNIDO	6.2	\$550,000	\$38,500	\$588,500
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*Noted that the Government of South Africa had agreed to submit an official request to the Ozone Secretariat for the revision of their reported Article 7 data for the years 2008 onwards by June 2014. The Fund Secretariat was requested, once the revised baseline data were known, to update Appendix 2-A to the Agreement to include the figures for maximum allowable consumption, and to notify the Executive Committee of the resulting change in the levels of maximum allowable consumption.*

## List of projects and activities recommended for blanket approval

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Project Title	Agency	ODP (tonnes)	Funds recommended (US\$)		C.E. (US\$/kg)
			Project	Support	
HCFC phase-out management plan (stage I, second tranche) (polyurethane foam sector plan)	UNIDO	35.7	\$2,042,620	\$142,983	\$2,185,603
<i>Noted that the Government of South Africa had agreed to submit an official request to the Ozone Secretariat for the revision of their reported Article 7 data for the years 2008 onwards by June 2014. The Fund Secretariat was requested, once the revised baseline data were known, to update Appendix 2-A to the Agreement to include the figures for maximum allowable consumption, and to notify the Executive Committee of the resulting change in the levels of maximum allowable consumption.</i>					
<b>Total for South Africa</b>		<b>41.9</b>	<b>\$2,592,620</b>	<b>\$181,483</b>	<b>\$2,774,103</b>
<b>SRI LANKA</b>					
<b>PHASE-OUT PLAN</b>					
<b>HCFC phase out plan</b>					
Verification report for stage I of HCFC phase-out management plan	UNDP		\$30,000	\$2,700	\$32,700
<i>Approved on the understanding that the verification report should be submitted at least 60 days prior to the applicable Executive Committee meeting where future tranche request for its HPMP is being sought, in accordance with paragraph 5(b) of the agreement between Sri Lanka and the Executive Committee for the reduction of consumption of HCFCs.</i>					
<b>Total for Sri Lanka</b>			<b>\$30,000</b>	<b>\$2,700</b>	<b>\$32,700</b>
<b>SWAZILAND</b>					
<b>SEVERAL</b>					
<b>Ozone unit support</b>					
Extension of institutional strengthening project (phase V: 12/2013-11/2015)	UNEP		\$60,000	\$0	\$60,000
<b>Total for Swaziland</b>			<b>\$60,000</b>		<b>\$60,000</b>
<b>TOGO</b>					
<b>PHASE-OUT PLAN</b>					
<b>HCFC phase out plan</b>					
HCFC phase-out management plan (stage I, second tranche)	UNEP	0.9	\$45,000	\$5,850	\$50,850
<b>Total for Togo</b>		<b>0.9</b>	<b>\$45,000</b>	<b>\$5,850</b>	<b>\$50,850</b>
<b>TRINIDAD AND TOBAGO</b>					
<b>PHASE-OUT PLAN</b>					
<b>HCFC phase out plan</b>					
HCFC phase-out management plan (stage I, second tranche)	UNDP	4.2	\$198,000	\$14,850	\$212,850
<b>Total for Trinidad and Tobago</b>		<b>4.2</b>	<b>\$198,000</b>	<b>\$14,850</b>	<b>\$212,850</b>



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Project Title	Agency	ODP (tonnes)	Funds recommended (US\$)		C.E. (US\$/kg)
			Project	Support	
<b>TUNISIA</b>					
<b>FUMIGANT</b>					
<b>Preparation of project proposal</b>					
Project preparation in the fumigants sector (high moisture dates)	UNIDO		\$35,000	\$2,450	\$37,450
<b>Total for Tunisia</b>			<b>\$35,000</b>	<b>\$2,450</b>	<b>\$37,450</b>
<b>TURKMENISTAN</b>					
<b>PHASE-OUT PLAN</b>					
<b>HCFC phase out plan</b>					
HCFC phase-out management plan (stage I, second tranche)	UNIDO	0.7	\$94,500	\$7,087	\$101,587
<i>Noted that the Agreement was updated based on the established HCFC baseline for compliance, and that the revised starting point for sustained aggregate reduction in HCFC consumption was 6.8 ODP tonnes, calculated using actual consumption of 6.9 ODP tonnes and 6.7 ODP tonnes reported for 2009 and 2010, respectively, under Article 7 of the Montreal Protocol.</i>					
Verification report for stage I of HCFC phase-out management plan	UNIDO		\$30,000	\$2,700	\$32,700
<i>Approved on the understanding that the verification report should be submitted at least 60 days prior to the applicable Executive Committee meeting where future tranche request for its HPMP is being sought, in accordance with paragraph 5(b) of the agreement between Turkmenistan and the Executive Committee for the reduction of consumption of HCFCs.</i>					
<b>Total for Turkmenistan</b>			<b>0.7</b>	<b>\$124,500</b>	<b>\$9,787</b>
<b>UGANDA</b>					
<b>PHASE-OUT PLAN</b>					
<b>HCFC phase out plan</b>					
Verification report on the implementation of the HCFC phase-out management plan	UNEP		\$30,000	\$3,900	\$33,900
<i>Approved on the understanding that the verification report should be submitted at least 60 days prior to the applicable Executive Committee meeting where future tranche request for its HPMP is being sought, in accordance with paragraph 5(b) of the agreement between Uganda and the Executive Committee for the reduction of consumption of HCFCs.</i>					
<b>Total for Uganda</b>			<b>\$30,000</b>	<b>\$3,900</b>	<b>\$33,900</b>
<b>URUGUAY</b>					
<b>PHASE-OUT PLAN</b>					
<b>HCFC phase out plan</b>					
HCFC phase-out management plan (stage I, third tranche)	UNDP		\$115,000	\$8,625	\$123,625

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Project Title	Agency	ODP (tonnes)	Funds recommended (US\$)		C.E. (US\$/kg)
			Project	Support	
<b>SEVERAL</b>					
<b>Ozone unit support</b>					
Extension of institutional strengthening project (phase X: 1/2014-12/2015)	UNDP		\$150,800	\$10,556	\$161,356
<b>Total for Uruguay</b>			<b>\$265,800</b>	<b>\$19,181</b>	<b>\$284,981</b>
<b>ZAMBIA</b>					
<b>PHASE-OUT PLAN</b>					
<b>HCFC phase out plan</b>					
HCFC phase-out management plan (stage I, second tranche)	UNEP	0.3	\$40,000	\$5,200	\$45,200
<p><i>The Fund Secretariat was requested, in the event that the baseline consumption for compliance for Zambia was amended based on the revised HCFC consumption data reported under Article 7 of the Montreal Protocol, to update Appendix 2-A to the Agreement to include the revised figures for maximum allowable consumption, and to notify the Executive Committee of the resulting change in the levels of maximum allowable consumption and of any potential related impact on the eligible funding level, with any adjustments needed being made when the next tranche was submitted.</i></p>					
<b>SEVERAL</b>					
<b>Ozone unit support</b>					
Extension of the institutional strengthening project (phase V: 12/2013-11/2015)	UNEP		\$65,520	\$0	\$65,520
<b>Total for Zambia</b>			<b>0.3</b>	<b>\$105,520</b>	<b>\$5,200</b>
<b>ZIMBABWE</b>					
<b>PHASE-OUT PLAN</b>					
<b>HCFC phase out plan</b>					
HCFC phase-out management plan (stage I, second tranche) (refrigeration servicing sector)	Germany	1.8	\$109,165	\$13,059	\$122,224
<p><i>Noted that the Agreement was updated based on the established HCFC baseline for compliance, and that the revised starting point for sustained aggregate reduction in HCFC consumption was 17.8 ODP tonnes, calculated using actual consumption of 17.1 ODP tonnes and 18.5 ODP tonnes reported for 2009 and 2010, respectively, under Article 7 of the Montreal Protocol, plus 6.11 ODP tonnes of HCFC-141b contained in imported pre blended polyol systems, resulting in 23.91 ODP tonnes.</i></p>					
HCFC phase-out management plan (stage I, second tranche) (conversion of the foam manufacturing sector: Capri Refrigeration, Ref Air, Commercial Refrigeration, Delfy Enterprises and Freezing Modern Way)	Germany	2.1	\$166,762	\$19,949	\$186,711
<p><i>Noted that the Agreement was updated based on the established HCFC baseline for compliance, and that the revised starting point for sustained aggregate reduction in HCFC consumption was 17.8 ODP tonnes, calculated using actual consumption of 17.1 ODP tonnes and 18.5 ODP tonnes reported for 2009 and 2010, respectively, under Article 7 of the Montreal Protocol, plus 6.11 ODP tonnes of HCFC-141b contained in imported pre blended polyol systems, resulting in 23.91 ODP tonnes.</i></p>					

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Project Title	Agency	ODP (tonnes)	Funds recommended (US\$)			C.E. (US\$/kg)
			Project	Support	Total	
		<b>Total for Zimbabwe</b>	<b>3.9</b>	<b>\$275,927</b>	<b>\$33,008</b>	<b>\$308,935</b>
		<b>GRAND TOTAL</b>	<b>216.5</b>	<b>\$18,302,284</b>	<b>\$1,335,337</b>	<b>\$19,637,621</b>

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