



联合国
环境规划署



Distr.
GENERAL
UNEP/OzL.Pro/ExCom/77/26
11 November 2016

CHINESE
ORIGINAL: ENGLISH

执行蒙特利尔议定书
多边基金执行委员会
第七十七次会议
2016年11月28日至12月2日，蒙特利尔

项目审查期间确定的问题概览

1. 本文件由以下部分组成：
 - (a) 对双边和执行机构向第七十七次会议提交的项目和活动数目的分析；
 - (b) 项目审查期间查明的问题：
 - (一) 执行核准的氟氯烃淘汰管理计划的执行机构的变动或增加；
 - (二) 提出核查报告和满足具体条件之前留置的资金；
 - (三) 获得资金转用低全球升温潜能值替代品的企业临时制造高全球升温潜能的制冷和空调设备；
 - (c) 提交一揽子核准的项目和活动；
 - (d) 供单独审议的投资项目。

双边和执行机构提交的项目和活动

2. 双边和执行机构向第七十七次会议提交了 170 项为核准的多年期协定、项目和活动付款的供资申请，金额为 170,483,133 美元（975,440,206 美元包括原则上申请的金额），并视情况包括机构支助费用。供资申请包括：
 - (a) 非低消费量国家的 7 个氟氯烃淘汰管理计划第二阶段和低消费量国家的 2 个氟氯烃淘汰管理计划第二阶段；
 - (b) 一个低消费量国家的一个氟氯烃淘汰管理计划第一阶段；

- (c) 28 个国家的已核准氟氯烃淘汰管理计划的付款；
- (d) 35 个国家机构强化项目的延长；
- (e) 3 个国家氟氯烃淘汰管理计划/氟氯烃淘汰投资活动第二阶段的项目编制

3. 项目经审查之后，建议一揽子核准 77 个项目和活动，共计 8,241,271 美元，包括支助费用；正在递交 XX 项目和活动，共计 149,690,219 美元（678,515,829 美元中包括原则上申请的数额），供单独审议。申请一揽子核准和单独审议的项目加在一起共计 157,931,490 美元。

延长机构强化项目的申请

4. 秘书处根据相关决定，审查了 34 个国家的最终报告和延长机构强化项目的申请，这些决定包括：关于机构强化项目和延长的供资金额的第 74/51 号决定(c)段和关于将绩效指标纳入规划活动的必要性的第 74/51 号决定(e)段。所有申请都对照下列文件反复核对：以往的历次机构强化报告；关于国家方案执行情况的进展报告；根据《蒙特利尔议定书》第 7 条报告的数据；关于氟氯烃淘汰管理计划执行情况的最新报告；双边和执行机构提交第七十七次会议的进展报告；以及蒙特利尔议定书缔约方通过的关于履约的相关决定。

已提交但嗣后撤回的项目和活动

5. 在项目审查过程中，无法及时处理与埃及、肯尼亚和东帝汶氟氯烃淘汰管理计划第二阶段和布基纳法索氟氯烃淘汰管理计划第一阶段（第三次付款）有关的问题（费用为 7,869,944 美元），因此，由相关牵头执行机构撤回：

- (a) 埃及氟氯烃淘汰管理计划第二阶段被撤回，是为了进一步分析有资格获得供资的 HCFC-141b 和进口预混多元醇中所含 HCFC-141b 的剩余消费量，以及进一步评估因技术选择带来的不确定性而在空调制造业产生的增量成本；
- (b) 肯尼亚氟氯烃淘汰管理计划第二阶段因与该国氟氯烃消费许可证和配额制度有关的问题而被撤回，指出该国政府已提出要采取一系列措施，通过氟氯烃淘汰管理计划第一阶段的项目活动，在不久的将来加强该制度；
- (c) 东帝汶氟氯烃淘汰管理计划第二阶段被撤回的原因是，氟氯烃淘汰管理计划第一阶段的执行工作没有取得重大进展；
- (d) 撤回布基纳法索氟氯烃淘汰管理计划第一阶段的付款申请¹的原因是，没有提交 2013、2014 和 2015 年氟氯烃消费量核查报告，以及没有处理与氟氯烃消费量大幅波动有关，从而有可能对氟氯烃消费量持续总体削减的起点进行调整的问题。

¹ 关于延迟提交付款申请的文件 (UNEP/OzL.Pro/ExCom/77/6) 中讨论了延迟付款的问题。

项目审查期间查明的问题

6. 在项目审查过程中，秘书处查明了需要执行委员会提供指导的若干问题。

执行核准的氟氯烃淘汰管理计划的执行机构的变动或增加

7. 秘书处收到了关于作为氟氯烃淘汰管理计划付款申请的一部分增加一个双边或执行机构的请求。在某些情况下，需要更改机构以解决实施期间遇到的具体问题（例如，在第七十五次会议上，环境规划署把为朝鲜民主主义人民共和国开展的活动和供资转交给了工发组织，原因是环境规划署在将核准的供资交给该国方面受到制约），而在另一些情况下，则是由于受益国愿意与特定机构合作（例如，在本次会议上提出了关于在执行墨西哥氟氯烃淘汰管理计划第二阶段第二次付款和以后各次付款时加上西班牙政府的请求）。

8. 虽然机构变更或增加新机构并不影响将要执行的活动，也不影响氟氯烃淘汰管理计划核准的资金数额（不包括机构支助费用），但需要对协定进行调整，以将新机构包括在内，秘书处往往建议将其付款申请交由执行委员会单独审议。

9. 注意到为执行氟氯烃淘汰管理计划而更改或增加一个机构往往不产生任何问题，执行委员会不妨请秘书处考虑对这类申请进行一揽子核准，除非除此变化之外还有未决问题需要执委会审议。

提交核查报告或满足具体条件之前留置的资金

10. 在第七十六次会议上，执行委员会核准了几个氟氯烃淘汰管理计划的付款，但有一项谅解，即财务主任将扣留资金，直到有关执行机构提交了下列文件：氟氯烃消费量核查报告（不丹、柬埔寨、乍得、刚果、海地、巴基斯坦、圣多美和普林西比和南非）；政府与环境规划署之间签署协定的确认书（智利、危地马拉和洪都拉斯）；或氟氯烃消费量核查报告和已经创造了第 72/32 (b) 号决定所要求的安全使用碳氢化合物制冷剂的监管环境的确认书（加纳）。

11. 在该次会议之后，秘书处收到了不丹、柬埔寨、乍得、刚果和巴基斯坦的令人满意的核查报告，并确认危地马拉政府与环境规划署之间签署了协议。因此，财务主任向执行机构发放了核准的资金。

12. 截至 2016 年 10 月底，尚未提交有关海地（环境规划署）、圣多美和普林西比（环境规划署）及南非（工发组织）的核查报告，环境规划署也未提供与智利和洪都拉斯签署协定的确认书。就加纳而言，已收到核查报告，但仍需确认是否满足了第 72/32 (b) 号决定规定的条件。

13. 注意到转拨已核准资金的条件应在第七十六次会议之后不久达成，而且与已核准付款有关的活动要在资金转入执行机构之后才能开始，执行委员会不妨敦促环境规划署、工发组织以及海地、圣多美和普林西比及南非政府尽快提交氟氯烃消费量核查报告；环境规划署与智利和洪都拉斯政府尽快签署执行氟氯烃淘汰管理计划的协定；开发计划署和加纳政府尽快执行第 72/32 (b) 号决定，以便不再拖延地开展活动。

同意转用低全球升温潜能值替代品的企业临时制造基于高全球升温潜能值的制冷和空调设备

14. 在审查核查报告和监测和评价下对制冷和空调制造行业进行评价的过程中，秘书处关切地注意到，几个同意转用低全球升温潜能值替代品的制冷和空调制造企业正在利用改装的生产线制造基于高全球升温潜能值的设备。中国的工业和商业制冷行业（HFC-32 技术）、印度尼西亚（HFC-32 技术）和塞尔维亚（氨、氨和二氧化碳/碳氢化合物级联系统）就存在这方面的例子。特别是，参与这些项目的企业已经安装了制造采用商定的技术的制冷和空调机组所需的设备，但却临时使用这些设备来制造高全球升温潜能值设备。

15. 给出的主要理由是企业无法在市场上出售这些设备，原因如下：缺乏安全标准、维修技术人员提出关切、成本高于高全球升温潜能值设备，消费者的接受度不高，某类产品可用的压缩机有限，以及其他因素。如果在采用某些技术时没有考虑到市场的可行性，推行禁止在制造业中使用氟氯烃的国家法规也可能会影响企业的业务连续性。

16. 虽然拥有许多生产线的大型企业也许能够通过增加其他生产线上的生产来抵消空闲的生产线，同时等待机会将利用商定的技术的设备销售到市场，但如果中小型企业的制造能力一直被闲置，其财务维持能力就会受到危害。鉴于设备已经安装在改装了的生产线上，据指出，一旦企业能够在市场上出售这种设备，企业就可以无缝地转换到制造采用最初提出的低全球升温潜能值技术的设备。

17. 由于多边基金的援助是根据企业选定的特定技术，并在考虑相关环境影响（项目提案中计算的消耗臭氧层物质淘汰和气候影响）后进行计算与核准的，秘书处认为、同意转用低全球升温潜能值技术的企业必须根据最初提出的技术制造设备。同时，秘书处认为必须适当考虑企业的财务可持续性。

18. 此外，秘书处指出，不得利用增支经营费用支付除商定的技术以外的任何其他技术。在本文件印发时，秘书处正在确认在秘书处知道的那些案例中没有支付增支经营费用。

19. 秘书处指出，就室内空调行业而言，中国似乎正在建立一种有效的机制，利用增支经营费用，鼓励将获取的采用商定的技术的设备投放到市场。其他第 5 条缔约方不妨考虑是否可以利用类似的机制，同时应考虑到各自的国情。

建议

20. 谨建议执行委员会请相关双边和执行机构：

- (a) 如有企业已经获得了制造低全球变暖潜能值设备的资金，却在一条生产线上临时生产高全球变暖潜能值设备，一旦查明，就应立即报告。该报告应包括使用高全球升温潜能值替代品的原因，政府（如果适当的话包括企业）为使企业能够开始制造采用最初提出的低全球升温潜能值的设备而将采取的步骤，以及预计开始制造这些设备的时间表；
- (b) 继续向执行委员会每次会议报告在企业改装的生产线上使用高全球升温潜能值替代品的状况，直到在改装的生产线上只能生产利用原先提出的低全球升温潜能值技术的设备；

(c) 支付增支经营费用只能用于制造利用原先提出的低全球升温潜能值技术的设备。

提交一揽子核准的项目和活动

提交一揽子核准的项目和活动

21. 本文件附件一列出了 77 个建议供一揽子核准的项目和活动，共计 8 241 271 美元，其中包括支助费用。执行委员会核准的这些项目将包括相应的项目评价表中的相关条件或规定，以及核准与多年期项目付款有关的执行方案。

供单独审议的投资项目

22. 有 71 个项目/活动建议经秘书处审查后提交单独审议，费用共计 149,690,219 美元（678,515,829 美元包括原则上申请的数额），包括支助费用。为便于执行委员会审议供单独审议的投资项目，秘书处按行业对项目进行了分类，并按问题对其进行分组，如表 1 所示。

表 1. 提交供单独审议的项目

国家	项目	机构	执委会	问题
氟氯烃淘汰管理计划第一阶段				
南苏丹	氟氯烃淘汰管理计划第一阶段 - 第一次付款	环境规划署/开发计划署	77/63	所有技术和费用问题已经解决
氟氯烃淘汰管理计划第二阶段				
亚美尼亚	氟氯烃淘汰管理计划第二阶段 - 第一次付款	开发计划署/环境规划署	77/35	氟氯烃削减承诺
多米尼加共和国	氟氯烃淘汰管理计划第二阶段 - 第一次付款	开发计划署/环境规划署	77/41	所有技术和费用问题已经解决
印度	氟氯烃淘汰管理计划第二阶段 - 第一次付款	开发计划署/环境规划署/德国	77/49	没有关于技术和成本问题的协议
伊朗伊斯兰共和国	氟氯烃淘汰管理计划第二阶段 - 第一次付款	开发计划署/环境规划署/工发组织/德国	77/50	所有技术和费用问题已经解决
约旦	氟氯烃淘汰管理计划第二阶段 - 第一次付款	世界银行/工发组织	77/54	HCFC-141b 和多元醇分配问题。采用高全球升温潜能值制冷剂。扣除吨数
马来西亚	氟氯烃淘汰管理计划第二阶段 - 第一次付款	开发计划署	77/54	所有技术和费用问题已经解决
摩尔多瓦共和国	氟氯烃淘汰管理计划第二阶段 - 第一次付款	开发计划署/环境规划署	77/58	所有技术和费用问题已经解决
乌拉圭	氟氯烃淘汰管理计划第二阶段 - 第一次付款	开发计划署	77/67	所有技术和费用问题已经解决
中国氟氯烃淘汰管理计划第二阶段				
中国	氟氯烃淘汰管理计划第二阶段 - 第一次付款	数个	77/37	尚需讨论中国行业计划
	聚氨酯硬泡沫塑料行业计划	世界银行		费用仍在讨论中
	挤塑聚苯乙烯泡沫塑料行业计划	工发组织/德国		费用仍在讨论中
	室内空调制造行业计划	工发组织		费用仍在讨论中
	工业和商业制冷和空调行业计划	开发计划署		费用仍在讨论中

国家	项目	机构	执委会	问题
	划			
	溶剂行业计划	开发计划署		在第七十六次会议上原则上核准
	制冷和空调维修行业计划和保障组成部分	环境规划署/德国/日本		在第七十六次会议上原则上核准
氟氯烃淘汰管理计划第一和第二阶段的付款申请				
古巴	氟氯烃淘汰管理计划第一阶段 - 第三次付款	开发计划署	77/39	临时使用高全球升温潜能值技术
格林纳达	氟氯烃淘汰管理计划第一阶段 - 第二次付款	环境规划署/工发组织	77/47	有待讨论消费量问题。将工发组织列为合作执行机构
墨西哥	氟氯烃淘汰管理计划第二阶段 - 第二次付款	工发组织/德国/意大利/西班牙/环境规划署	77/55	修订协定，将西班牙政府列为合作执行机构
卢旺达	氟氯烃淘汰管理计划第一阶段 - 第三次付款	环境规划署/工发组织	77/59	核查报告中的数据不一致
沙特阿拉伯	氟氯烃淘汰管理计划第一阶段 - 第四次付款	工发组织/环境规划署	77/60	投资活动进展有限；在达到协定附录 8-A 的要求方面进展不足
塞内加尔	氟氯烃淘汰管理计划第一阶段 - 第二次付款	工发组织/环境规划署	77/61	修订协定、起点、资金数额和活动
索马里	氟氯烃淘汰管理计划第一阶段 - 第二次付款	工发组织	77/62	调整起点
泰国	氟氯烃淘汰管理计划第一阶段 - 第三次付款	世界银行	77/65	退还资金、修订协定

List of projects and activities recommended for blanket approval

UNEP/OzL.Pro/ExCom/77/26
Annex I

Project Title	Agency	ODP (tonnes)	Funds recommended (US\$)		C.E. (US\$/kg)
			Project	Support	
ANGOLA					
PHASE-OUT PLAN					
HCFC phase out plan					
HCFC phase-out management plan (stage I, fourth tranche)	UNDP		\$19,556	\$1,760	\$21,316
<i>Approved on the understanding that if Angola were to decide to proceed with retrofits and associated servicing to flammable and toxic refrigerants in refrigeration and air-conditioning equipment originally designed for non-flammable substances, it would do so assuming all associated responsibilities and risks and only in accordance with the relevant standards and protocol. The Government of Angola and UNDP were requested to submit the project completion report to the second meeting of the Executive Committee in 2018.</i>					
Total for Angola			\$19,556	\$1,760	\$21,316
ARGENTINA					
PHASE-OUT PLAN					
HCFC phase out plan					
Preparation of a HCFC phase-out management plan (stage II)	UNIDO		\$90,000	\$6,300	\$96,300
Total for Argentina			\$90,000	\$6,300	\$96,300
BAHAMAS					
SEVERAL					
Ozone unit support					
Extension of the institutional strengthening project (phase VI: 11/2016-10/2018)	UNEP		\$85,000	\$0	\$85,000
Total for Bahamas			\$85,000		\$85,000
BANGLADESH					
SEVERAL					
Ozone unit support					
Renewal of the institutional strengthening project (phase VIII: 1/2017-12/2018)	UNDP		\$166,400	\$11,648	\$178,048
Total for Bangladesh			\$166,400	\$11,648	\$178,048
BENIN					
PHASE-OUT PLAN					
HCFC phase out plan					
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 the next funding tranche for its HPMP is being sought.</i>					
Total for Benin			\$30,000	\$3,900	\$33,900

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Project Title	Agency	ODP (tonnes)	Funds recommended (US\$)		C.E. (US\$/kg)
			Project	Support	
CAPE VERDE					
PHASE-OUT PLAN					
HCFC phase out plan					
HCFC phase-out management plan (stage I, third tranche)	UNEP		\$35,000	\$4,550	\$39,550
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 the next funding tranche for its HPMP is being sought.</i>					
Total for Cape Verde			\$65,000	\$8,450	\$73,450
CHAD					
PHASE-OUT PLAN					
HCFC phase out plan					
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 the next funding tranche for its HPMP is being sought.</i>					
Total for Chad			\$30,000	\$3,900	\$33,900
CHINA					
SEVERAL					
Ozone unit support					
Extension of the institutional strengthening project (phase XII: 1/2017-12/2018)	UNDP		\$499,200	\$34,944	\$534,144
Total for China			\$499,200	\$34,944	\$534,144
COMOROS					
PHASE-OUT PLAN					
HCFC phase out plan					
HCFC phase-out management plan (stage I, third tranche)	UNEP		\$35,000	\$4,550	\$39,550
<i>Approved on the understanding that if the Government of Comoros were to decide to proceed with retrofits and associated servicing to flammable and toxic refrigerants in refrigeration and air-conditioning equipment originally designed for non-flammable substances, it would do so assuming all associated responsibilities and risks and only in accordance with the relevant standards and protocols.</i>					
Total for Comoros			\$35,000	\$4,550	\$39,550

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Project Title	Agency	ODP (tonnes)	Funds recommended (US\$)		C.E. (US\$/kg)
			Project	Support	
CONGO, DR					
SEVERAL					
Ozone unit support					
Extension of institutional strengthening project (phase VIII: 1/2017-12/2018)	UNEP		\$85,000	\$0	\$85,000
Total for Congo, DR			\$85,000		\$85,000
COOK ISLANDS					
SEVERAL					
Ozone unit support					
Extension of the institutional strengthening project (phase VI: 1/2017-12/2018)	UNEP		\$85,000	\$0	\$85,000
Total for Cook Islands			\$85,000		\$85,000
COTE D'IVOIRE					
SEVERAL					
Ozone unit support					
Extension of the institutional strengthening project (phase VIII: 1/2017-12/2018)	UNEP		\$136,115	\$0	\$136,115
Total for Cote D'Ivoire			\$136,115		\$136,115
DOMINICAN REPUBLIC					
SEVERAL					
Ozone unit support					
Extension of the institutional strengthening project (phase IX: 1/2017-12/2018)	UNEP		\$171,946	\$0	\$171,946
Total for Dominican Republic			\$171,946		\$171,946
ECUADOR					
PHASE-OUT PLAN					
HCFC phase out plan					
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 reports should be submitted at least 60 days prior to the applicable Executive Committee meeting where the next funding tranche for its HPMP is being sought.</i>					
Total for Ecuador			\$30,000	\$2,700	\$32,700

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Project Title	Agency	ODP (tonnes)	Funds recommended (US\$)		C.E. (US\$/kg)
			Project	Support	
EL SALVADOR					
PHASE-OUT PLAN					
HCFC phase out plan					
HCFC phase-out management plan (stage I, third tranche)	UNEP	0.3	\$171,000	\$4,680	\$175,680
HCFC phase-out management plan (stage I, third tranche)	UNDP	2.0	\$94,000	\$7,050	\$101,050
Total for El Salvador		2.3	\$265,000	\$11,730	\$276,730
ERITREA					
PHASE-OUT PLAN					
HCFC phase out plan					
HCFC phase-out management plan (stage I, second tranche)	UNEP	0.2	\$29,000	\$3,770	\$32,770
<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 1.08 ODP tonnes, calculated using actual consumption of 1.05 ODP tonnes and 1.12 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 Eritrea was US\$210,000 plus agency support costs, in accordance with decision 60/44(f)(xii). Approved on the understanding that if Eritrea were to decide to proceed with retrofits and associated servicing to flammable and toxic refrigerants in refrigeration and air-conditioning equipment originally designed for non-flammable substances, it would do so assuming all associated responsibilities and risks and only in accordance with the relevant standards and protocols.</i></p>					
HCFC phase-out management plan (stage I, second tranche)	UNIDO	0.2	\$80,000	\$7,200	\$87,200
<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 1.08 ODP tonnes, calculated using actual consumption of 1.05 ODP tonnes and 1.12 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 Eritrea was US\$210,000 plus agency support costs, in accordance with decision 60/44(f)(xii). Approved on the understanding that if Eritrea were to decide to proceed with retrofits and associated servicing to flammable and toxic refrigerants in refrigeration and air-conditioning equipment originally designed for non-flammable substances, it would do so assuming all associated responsibilities and risks and only in accordance with the relevant standards and protocols.</i></p>					
SEVERAL					
Ozone unit support					
Renewal of the institutional strengthening project (phase III: 12/2016-11/2018)	UNEP		\$85,000	\$0	\$85,000
Total for Eritrea		0.4	\$194,000	\$10,970	\$204,970

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Project Title	Agency	ODP (tonnes)	Funds recommended (US\$)		C.E. (US\$/kg)
			Project	Support	
ETHIOPIA					
PHASE-OUT PLAN					
HCFC phase out plan					
HCFC phase-out management plan (stage I, second tranche)	UNIDO	0.7	\$70,000	\$6,300	\$76,300
<i>Approved on the understanding that UNEP would report on the progress in implementing the recommendations in the verification report in the next tranche submission; and if Ethiopia were to decide to proceed with retrofits and associated servicing to flammable and toxic refrigerants in refrigeration and air-conditioning equipment originally designed for non-flammable substances, it would do so assuming all associated responsibilities and risks and only in accordance with the relevant standards and protocols.</i>					
HCFC phase-out management plan (stage I, second tranche)	UNEP	0.8	\$55,000	\$7,150	\$62,150
<i>Approved on the understanding that UNEP would report on the progress in implementing the recommendations in the verification report in the next tranche submission; and if Ethiopia were to decide to proceed with retrofits and associated servicing to flammable and toxic refrigerants in refrigeration and air-conditioning equipment originally designed for non-flammable substances, it would do so assuming all associated responsibilities and risks and only in accordance with the relevant standards and protocols.</i>					
SEVERAL					
Ozone unit support					
Extension of the institutional strengthening project (phase VII 1/2017-12/2018)	UNEP		\$85,000	\$0	\$85,000
Total for Ethiopia		1.4	\$210,000	\$13,450	\$223,450
FIJI					
PHASE-OUT PLAN					
HCFC phase out plan					
HCFC phase-out management plan (stage I, third tranche)	UNEP	0.8	\$41,650	\$5,415	\$47,065
<i>Approved on the understanding that if Fiji were to decide to proceed with retrofits and associated servicing to flammable and toxic refrigerants in refrigeration and air-conditioning equipment originally designed for non-flammable substances, it would do so assuming all associated responsibilities and risks and only in accordance with the relevant standards and protocols.</i>					
HCFC phase-out management plan (stage I, third tranche)	UNDP	1.2	\$59,850	\$5,387	\$65,237
<i>Approved on the understanding that if Fiji were to decide to proceed with retrofits and associated servicing to flammable and toxic refrigerants in refrigeration and air-conditioning equipment originally designed for non-flammable substances, it would do so assuming all associated responsibilities and risks and only in accordance with the relevant standards and protocols.</i>					

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Project Title	Agency	ODP (tonnes)	Funds recommended (US\$)		C.E. (US\$/kg)
			Project	Support	
SEVERAL					
Ozone unit support					
Extension of the institutional strengthening project (phase X: 1/2017-12/2018)	UNEP		\$85,000	\$0	\$85,000
	Total for Fiji	2.0	\$186,500	\$10,802	\$197,302
GAMBIA					
PHASE-OUT PLAN					
HCFC phase out plan					
HCFC phase-out management plan (stage I, third tranche) <i>Approved on the understanding that if the Gambia were to decide to proceed with retrofits and associated servicing to flammable and toxic refrigerants in refrigeration and air-conditioning equipment originally designed for non-flammable substances, it would do so assuming all associated responsibilities and risks and only in accordance with the relevant standards and protocols.</i>	UNEP		\$20,000	\$2,600	\$22,600
HCFC phase-out management plan (stage I, third tranche) <i>Approved on the understanding that if the Gambia were to decide to proceed with retrofits and associated servicing to flammable and toxic refrigerants in refrigeration and air-conditioning equipment originally designed for non-flammable substances, it would do so assuming all associated responsibilities and risks and only in accordance with the relevant standards and protocols.</i>	UNIDO	0.2	\$50,000	\$4,500	\$54,500
SEVERAL					
Ozone unit support					
Extension of the institutional strengthening project (phase IX: 12/2016-11/2018)	UNEP		\$85,000	\$0	\$85,000
	Total for Gambia	0.2	\$155,000	\$7,100	\$162,100
GUINEA-BISSAU					
PHASE-OUT PLAN					
HCFC phase out plan					
HCFC phase-out management plan (stage I, third tranche) <i>Approved on the understanding that if Guinea-Bissau were to decide to proceed with retrofits and associated servicing to flammable and toxic refrigerants in refrigeration and air-conditioning equipment originally designed for non-flammable substances, it would do so assuming all associated responsibilities and risks and only in accordance with the relevant standards and protocols.</i>	UNIDO	0.3	\$75,000	\$6,750	\$81,750
HCFC phase-out management plan (stage I, third tranche) <i>Approved on the understanding that if Guinea-Bissau were to decide to proceed with retrofits and associated servicing to flammable and toxic refrigerants in refrigeration and air-conditioning equipment originally designed for non-flammable substances, it would do so assuming all associated responsibilities and risks and only in accordance with the relevant standards and protocols.</i>	UNEP	0.6	\$50,000	\$6,500	\$56,500

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Project Title	Agency	ODP (tonnes)	Funds recommended (US\$)		C.E. (US\$/kg)
			Project	Support	
SEVERAL					
Ozone unit support					
Extension of the institutional strengthening project (phase V: 12/2016-11/2018)	UNEP		\$85,000	\$0	\$85,000
	Total for Guinea-Bissau	0.9	\$210,000	\$13,250	\$223,250
GUYANA					
PHASE-OUT PLAN					
HCFC phase out plan					
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 the next funding tranche for its HPMP is being sought.</i>	UNEP		\$30,000	\$3,900	\$33,900
	Total for Guyana		\$30,000	\$3,900	\$33,900
IRAN					
SEVERAL					
Ozone unit support					
Extension of the institutional strengthening project (phase XI: 4/2017-3/2019)	UNDP		\$222,094	\$15,547	\$237,641
	Total for Iran		\$222,094	\$15,547	\$237,641
JORDAN					
SEVERAL					
Ozone unit support					
Extension of institutional strengthening project (phase XII: 1/2017-12/2018)	IBRD		\$188,586	\$13,201	\$201,787
	Total for Jordan		\$188,586	\$13,201	\$201,787
KENYA					
PHASE-OUT PLAN					
HCFC phase out plan					
HCFC phase-out management plan (stage I, fourth tranche) <i>Approved on the understanding that future tranches of stage I and/or stage II of the HPMP for Kenya would be considered only after satisfactory resolution of the issues related to the import and export licensing and quota system of HCFCs identified in the verification report, and confirmed by an independent verification report; and if Kenya were to decide to proceed with retrofits and associated servicing to flammable and toxic refrigerants in refrigeration and air-conditioning equipment originally designed for non-flammable substances, it would do so assuming all associated responsibilities and risks and only in accordance with the relevant standards and protocols.</i>	France	5.8	\$176,250	\$21,346	\$197,596
	Total for Kenya	5.8	\$176,250	\$21,346	\$197,596

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Project Title	Agency	ODP (tonnes)	Funds recommended (US\$) Project	Support	C.E. (US\$/kg)
KOREA, DPR					
PHASE-OUT PLAN					
HCFC phase out plan					
HCFC phase-out management plan (stage I, third tranche) (policy, refrigeration servicing and monitoring)	UNIDO	2.1	\$167,867	\$11,751	\$179,618
<i>Noted that the enterprise Pyongyang Sonbong PU Foam Factory changed the selected technology from cyclopentane to methyl formate, and that the savings in incremental costs related to the change of technology would decrease the overall funding level under the Agreement by US \$55,330; that UNEP is returning to the Multilateral Fund US\$ 33,197, plus agency support costs of US \$4,316, and that US \$33,197, plus agency support costs of US \$2,324 have been added to the third tranche being requested by UNIDO in accordance with decision 75/58(b) and (c); and that the Agreement had been updated based on the level of funding approved at the second tranche, the savings in incremental costs and the transfer of UNEP's component to UNIDO. UNIDO was requested when submitting and implementing future tranches of the HPMP, to follow an approach similar to that taken for the first and second tranches of stage I of the HPMP in terms of compliance with the resolutions of the United Nations Security Council, the modality of disbursement, organizational structures and monitoring procedures; and to report on progress in the establishment of a fund-transfer mechanism in the context of the 2016 annual progress and financial report.</i>					
Total for Korea, DPR		2.1	\$167,867	\$11,751	\$179,618
KYRGYZSTAN					
PHASE-OUT PLAN					
HCFC phase out plan					
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 the next funding tranche for its HPMP is being sought.</i>					
SEVERAL					
Ozone unit support					
Extension of the institutional strengthening project (phase VIII: 1/2017-12/2018)	UNEP		\$148,262	\$0	\$148,262
Total for Kyrgyzstan			\$178,262	\$2,700	\$180,962
LEBANON					
SEVERAL					
Ozone unit support					
Extension of the institutional strengthening project (phase X: 4/2017-3/2019)	UNDP		\$198,515	\$13,896	\$212,411
Total for Lebanon			\$198,515	\$13,896	\$212,411

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Project Title	Agency	ODP (tonnes)	Funds recommended (US\$)		C.E. (US\$/kg)
			Project	Support	
LESOTHO					
SEVERAL					
Ozone unit support					
Extension of the institutional strengthening project (phase VIII: 1/2017-12/2018)	UNEP		\$85,000	\$0	\$85,000
Total for Lesotho			\$85,000		\$85,000
LIBYA					
SEVERAL					
Ozone unit support					
Renewal of institutional strengthening project (phase V: 12/2016-11/2017) <i>Approved without prejudice to the operation of the Montreal Protocol's mechanism on-non compliance</i>	UNIDO		\$87,082	\$6,096	\$93,178
Total for Libya			\$87,082	\$6,096	\$93,178
MADAGASCAR					
SEVERAL					
Ozone unit support					
Renewal of institutional strengthening project (phase VII: 1/2017-12/2018)	UNEP		\$85,000	\$0	\$85,000
Total for Madagascar			\$85,000		\$85,000
MALAWI					
PHASE-OUT PLAN					
HCFC phase out plan					
HCFC phase-out management plan (stage I, third tranche) <i>Approved on the understanding that UNEP will report on the progress in implementing the recommendations in the verification report in the next tranche submission; and if the Government of Malawi were to decide to proceed with retrofits and associated servicing to flammable and toxic refrigerants in refrigeration and air-conditioning equipment originally designed for non-flammable substances, it would do so assuming all associated responsibilities and risks and only in accordance with the relevant standards and protocols.</i>	UNIDO	1.3	\$60,000	\$5,400	\$65,400
HCFC phase-out management plan (stage I, third tranche) <i>Approved on the understanding that UNEP will report on the progress in implementing the recommendations in the verification report in the next tranche submission; and if the Government of Malawi were to decide to proceed with retrofits and associated servicing to flammable and toxic refrigerants in refrigeration and air-conditioning equipment originally designed for non-flammable substances, it would do so assuming all associated responsibilities and risks and only in accordance with the relevant standards and protocols.</i>	UNEP		\$40,000	\$5,200	\$45,200
Total for Malawi		1.3	\$100,000	\$10,600	\$110,600

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			Project	Support	Total
MALAYSIA					
PHASE-OUT PLAN					
HCFC phase out plan					
HCFC phase-out management plan (stage I, fourth tranche) (refrigeration servicing, management and coordination)	UNDP	0.8	\$141,295	\$10,597	\$151,892
<i>The Government of Malaysia and UNDP were requested to submit progress reports on a yearly basis on the implementation of the work programme associated with the final tranche until the completion of the project, verification reports until approval of stage II, and the project completion report by the second meeting of the Executive Committee in 2018.</i>					
Total for Malaysia		0.8	\$141,295	\$10,597	\$151,892
MALDIVES					
SEVERAL					
Ozone unit support					
Extension of the institutional strengthening project (phase IX: 12/2016-11/2018)	UNEP		\$85,000	\$0	\$85,000
Total for Maldives			\$85,000		\$85,000
MAURITIUS					
SEVERAL					
Ozone unit support					
Extension of the institutional strengthening project (phase V: 1/2017-12/2018)	UNEP		\$85,000	\$0	\$85,000
Total for Mauritius			\$85,000		\$85,000
MICRONESIA					
SEVERAL					
Ozone unit support					
Renewal of institutional strengthening project (phase VI: 1/2017-12/2018)	UNEP		\$85,000	\$0	\$85,000
Total for Micronesia			\$85,000		\$85,000
MOLDOVA, REP					
SEVERAL					
Ozone unit support					
Extension of the institutional strengthening project (phase IX: 1/2017-12/2018)	UNEP		\$88,748	\$0	\$88,748
Total for Moldova, Rep			\$88,748		\$88,748

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Project Title	Agency	ODP (tonnes)	Funds recommended (US\$)		C.E. (US\$/kg)
			Project	Support	
MONGOLIA					
PHASE-OUT PLAN					
HCFC phase out plan					
HCFC phase-out management plan (stage I, third tranche)	UNEP	0.4	\$69,000	\$8,970	\$77,970
<i>Noted that the Fund Secretariat had updated the Agreement to correctly reflect the maximum allowable consumption values for the years 2015-2019.</i>					
Total for Mongolia		0.4	\$69,000	\$8,970	\$77,970
MOZAMBIQUE					
PHASE-OUT PLAN					
HCFC phase out plan					
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 the next funding tranche for its HPMP is being sought.</i>					
Total for Mozambique			\$30,000	\$3,900	\$33,900
NEPAL					
SEVERAL					
Ozone unit support					
Extension of the institutional strengthening project (phase IX: 11/2016-10/2018)	UNEP		\$85,000	\$0	\$85,000
Total for Nepal			\$85,000		\$85,000
PAKISTAN					
SEVERAL					
Ozone unit support					
Extension of the institutional strengthening project (phase IX: 4/2017-3/2019)	UNDP		\$287,318	\$20,112	\$307,430
Total for Pakistan			\$287,318	\$20,112	\$307,430
PAPUA NEW GUINEA					
PHASE-OUT PLAN					
HCFC phase out plan					
HCFC phase-out management plan (third tranche)	Germany	1.2	\$301,000	\$35,518	\$336,518
<i>Approved on the understanding that if and when Papua New Guinea were to decide to proceed with retrofits and associated servicing to flammable and toxic refrigerants in refrigeration and air-conditioning equipment originally designed for non-flammable substances, it would do so assuming all associated responsibilities and risks and only in accordance with the relevant standards and protocols</i>					
Total for Papua New Guinea		1.2	\$301,000	\$35,518	\$336,518

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Project Title	Agency	ODP (tonnes)	Funds recommended (US\$) Project	Support	C.E. (US\$/kg) Total
PARAGUAY					
SEVERAL					
Ozone unit support					
Extension of institutional strengthening project (phase VIII: 4/2017-3/2019)	UNEP		\$85,000	\$0	\$85,000
Total for Paraguay			\$85,000		\$85,000
SAINT VINCENT AND THE GRENADINES					
PHASE-OUT PLAN					
HCFC phase out plan					
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 the next funding tranche for its HPMP is being sought.</i>					
Total for Saint Vincent and the Grenadines			\$30,000	\$3,900	\$33,900
SIERRA LEONE					
PHASE-OUT PLAN					
HCFC phase out plan					
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 the next funding tranche for its HPMP is being sought.</i>					
Total for Sierra Leone			\$30,000	\$3,900	\$33,900
SOMALIA					
SEVERAL					
Ozone unit support					
Extension of the institutional strengthening project (phase III: 12/2016-11/2018)	UNEP		\$85,000	\$0	\$85,000
Total for Somalia			\$85,000		\$85,000
SURINAME					
SEVERAL					
Ozone unit support					
Extension of the institutional strengthening project (phase VI: 12/2016-11/2018)	UNEP		\$93,866	\$0	\$93,866
Total for Suriname			\$93,866		\$93,866

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Project Title	Agency	ODP (tonnes)	Funds recommended (US\$)		C.E. (US\$/kg)
			Project	Support	
SWAZILAND					
PHASE-OUT PLAN					
HCFC phase out plan					
HCFC phase-out management plan (stage I, third tranche)	UNEP		\$50,000	\$6,500	\$56,500
<i>Approved on the understanding that if Swaziland were to decide to proceed with retrofits and associated servicing to flammable and toxic refrigerants in refrigeration and air-conditioning equipment originally designed for non-flammable substances, it would do so assuming all associated responsibilities and risks and only in accordance with the relevant standards and protocols</i>					
Total for Swaziland			\$50,000	\$6,500	\$56,500
THAILAND					
FOAM					
Preparation of project proposal					
Preparation for HCFC phase-out investment activities (stage II) (foam sector)	IBRD		\$120,000	\$8,400	\$128,400
REFRIGERATION					
Preparation of project proposal					
Preparation for HCFC phase-out investment activities (stage II) (commercial refrigeration sector)	IBRD		\$90,000	\$6,300	\$96,300
SOLVENT					
Preparation of project proposal					
Preparation for HCFC phase-out investment activities (stage II) (solvent sector)	IBRD		\$90,000	\$6,300	\$96,300
PHASE-OUT PLAN					
HCFC phase out plan					
Preparation of a HCFC phase-out management plan (stage II)	IBRD		\$90,000	\$6,300	\$96,300
SEVERAL					
Ozone unit support					
Extension of institutional strengthening project (phase VIII: 1/2017-12/2018)	IBRD		\$443,735	\$31,061	\$474,796
Total for Thailand			\$833,735	\$58,361	\$892,096
TOGO					
SEVERAL					
Ozone unit support					
Extension of the institutional strengthening project (phase IX: 1/2017-12/2018)	UNEP		\$85,000	\$0	\$85,000
Total for Togo			\$85,000		\$85,000

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Project Title	Agency	ODP (tonnes)	Funds recommended (US\$)		C.E. (US\$/kg)
			Project	Support	
TUNISIA					
FOAM					
Preparation of project proposal					
Preparation for HCFC phase-out investment activities (stage II) (polyurethane foam sector)	UNIDO		\$60,000	\$4,200	\$64,200
PHASE-OUT PLAN					
HCFC phase out plan					
Preparation of a HCFC phase-out management plan (stage II)	UNIDO		\$60,000	\$4,200	\$64,200
Total for Tunisia			\$120,000	\$8,400	\$128,400
UGANDA					
PHASE-OUT PLAN					
HCFC phase out plan					
HCFC phase-out management plan (stage I, second tranche)	UNEP		\$23,500	\$3,055	\$26,555
<i>Approved on the understanding that if Uganda were to decide to proceed with retrofits and associated servicing to flammable and toxic refrigerants in refrigeration and air-conditioning equipment originally designed for non-flammable substances, it would do so assuming all associated responsibilities and risks and only in accordance with the relevant standards and protocols.</i>					
HCFC phase-out management plan (stage I, second tranche)	UNIDO		\$40,000	\$3,600	\$43,600
<i>Approved on the understanding that if Uganda were to decide to proceed with retrofits and associated servicing to flammable and toxic refrigerants in refrigeration and air-conditioning equipment originally designed for non-flammable substances, it would do so assuming all associated responsibilities and risks and only in accordance with the relevant standards and protocols.</i>					
Total for Uganda			0.1	\$63,500	\$6,655
VANUATU					
SEVERAL					
Ozone unit support					
Extension of institutional strengthening project (phase VI: 1/2017-12/2018)	UNEP		\$85,000	\$0	\$85,000
Total for Vanuatu			\$85,000		\$85,000
VENEZUELA					
SEVERAL					
Ozone unit support					
Renewal of institutional strengthening project (phase XIII: 1/2017-12/2018)	UNDP		\$365,414	\$25,579	\$390,993
Total for Venezuela			\$365,414	\$25,579	\$390,993

List of projects and activities recommended for blanket approval

UNEP/OzL.Pro/ExCom/77/26
Annex I

Project Title	Agency	ODP (tonnes)	Funds recommended (US\$)		C.E. (US\$/kg)
			Project	Support	
VIETNAM					
SEVERAL					
Ozone unit support					
Extension of the institutional strengthening project (phase XI: 7/2017-6/2019)	UNEP		\$152,289	\$0	\$152,289
Total for Vietnam			\$152,289		\$152,289
ZAMBIA					
PHASE-OUT PLAN					
HCFC phase out plan					
HCFC phase-out management plan (stage I, third tranche) <i>Approved on the understanding that if Zambia were to decide to proceed with retrofits and associated servicing to flammable and toxic refrigerants in refrigeration and air-conditioning equipment originally designed for non-flammable substances, it would do so assuming all associated responsibilities and risks and only in accordance with the relevant standards and protocols.</i>	UNIDO	0.4	\$70,000	\$6,300	\$76,300
HCFC phase-out management plan (stage I, third tranche) <i>Approved on the understanding that if Zambia were to decide to proceed with retrofits and associated servicing to flammable and toxic refrigerants in refrigeration and air-conditioning equipment originally designed for non-flammable substances, it would do so assuming all associated responsibilities and risks and only in accordance with the relevant standards and protocols.</i>	UNEP		\$35,000	\$4,550	\$39,550
SEVERAL					
Ozone unit support					
Extension of the institutional strengthening project (phase VI: 12/2016-11/2018)	UNEP		\$85,000	\$0	\$85,000
Total for Zambia		0.4	\$190,000	\$10,850	\$200,850
GRAND TOTAL		19.2	\$7,793,538	\$447,733	\$8,241,271