



联合国 环境规划署

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执行蒙特利尔议定书
多边基金执行委员会
第八十三次会议
2019年5月27日至31日，蒙特利尔

项目审查期间查明的问题概览

1. 本文件由以下部分组成：
 - (a) 各双边机构和执行机构提交的项目和活动概览；
 - (b) 项目审查期间查明的问题概览；
 - (c) 提交供一揽子核准的项目和活动；及
 - (d) 供个别审议的投资项目。

各双边机构和执行机构提交的项目和活动概览

2. 各双边机构和执行机构提交了 101 项已核准多年期协定付款、项目和活动的供资申请，数额为 96,021,850 美元（如包括原则上申请的数额，则为 148,331,866 美元），其中包括适用的机构支助费用。供资申请包括：
 - (a) 1 个国家的氟氯烃生产淘汰管理计划第二阶段（将由化工生产行业分组审议）；
 - (b) 19 个国家的已核准氟氯烃淘汰管理计划的付款；
 - (c) 1 个国家挤塑聚苯乙烯泡沫行业淘汰 HCFC-142b/HCFC-22 的投资项目；
 - (d) 28 个国家的机构加强项目的延续；
 - (e) 9 个国家氟氯烃淘汰管理计划第二阶段准备及 4 个国家第三阶段准备；
 - (f) 1 个国家 HCFC-22 生产过程中 HFC-23 的控制和削减（将在议程项目 12(c)下予以审议）¹；

¹ 与 HFC-23 副产品控制技术有关的关键方面（第 82/85 号决定）。

- (g) 1 个国家氢氟碳化物投资项目；
- (h) 3 个国家氢氟碳化物投资项目的项目准备；及
- (i) 1 个国家氢氟碳化物削减的扶持活动。

3. 经过项目审查，建议一揽子核准的有 72 个项目和活动，费用总额为 8,576,869 美元（包括机构支助费用）；交付个别审议的有 16 个项目和活动，费用总额为 59,492,567 美元（包括机构支助费用），其中 31,619,787 美元用于中国的氟氯烃淘汰管理计划第二阶段挤塑聚苯乙烯泡沫、工商制冷、清洗和制冷维修行业²计划的第三次付款，25,138,537 美元用于中国的氟氯烃生产淘汰管理计划第二阶段第一次付款。供一揽子核准和供个别审议的项目的费用加在一起，总额为 68,069,436 美元。

4. 建议一揽子核准 1 个国家（阿拉伯叙利亚共和国）氢氟碳化物削减扶持活动的项目，该项目将在额外捐助下予以资助。

提交后撤回的氟氯烃淘汰管理计划（伊朗伊斯兰共和国、巴基斯坦、塞尔维亚）

5. 开发计划署代表伊朗伊斯兰共和国提交了氟氯烃淘汰管理计划第二阶段第二次付款申请。在仔细研究秘书处提议且随后与开发计划署讨论后，无法将该申请提交执行委员会审议，因为开发计划署未能提交制冷和空调制造行业前 15 家企业转成低全球变暖潜能值替代品的改造结果报告，其中突出吸取的经验教训和面临的挑战（第 77/44 号决定(d)段），也因为工发组织无法对泡沫行业计划将要发生的若干变化的增加成本作出解释。预计将向第 84 次会议提交付款申请。

6. 根据第 76/39 号决定(f)段3，工发组织提交了一个项目，将巴基斯坦一家挤塑聚苯乙烯泡沫企业（Symbol Industry）改造成使用二甲醚（DME）、二氧化碳和氢氟烯烃的企业。提交的项目总费用为 871,527 美元，外加工发组织的支助费用 61,007 美元；费用有效性为 11.36 美元/公斤⁴。尽管进行了详尽的讨论，但工发组织和秘书处无法在项目谈判的最后期限之前就项目的总费用达成一致。秘书处随后要求将该项目重新提交第 84 次会议。秘书处进一步指出，推迟提交该项目不会影响巴基斯坦政府遵守《蒙特利尔议定书》的义务，因为该政府已经同意在 2020 年之前通过氟氯烃淘汰管理计划第一阶段和第二阶段下活动削减氟氯烃消费量基线水平的 50%，这些活动不包括挤塑聚苯乙烯泡沫行业的改造。

7. 工发组织代表塞尔维亚政府提交了一个项目，在一家名为 Eko Elektrofrigo 的企业的工业冷冻隧道制造中淘汰 R-404A。在讨论之后项目被撤回，因为该项目似乎不符合第 78/3 号决定(g)段和第 79/45 号决定列出的标准。尤其是该应用似乎是在组装子行业，而不是制造业，并且该技术的可复制性是有限的。注意到迄今为止尚未从欧洲和中亚区域提交单个氢氟碳化物项目，而地理分布也包括在第 79/45 号决定规定的氢氟碳化物单个项目的审议标准中，因此秘书处建议工发组织考虑向第八十四次会议另外提交一个满足第 78/3 号决定(g)段和第 79/45 号决定标准的来自该区域的项目。

机构加强延续申请

8. 秘书处根据有关决定，包括关于机构加强项目供资水平的第 74/51 号决定(c)段和要求列入所规划活动的具体业绩指标的第 74/51 号决定(e)段，审查了 28 个国家的最终报告和延续机构加强项目的供资申请。对照下列文件核对了所有申请：以前的机构加强报告；国家方案执行进度报告；根据《蒙特利尔议定书》第 7 条报告的数据；最新的氟氯烃淘汰管理计划执行情况报告；双边机

² 申请还包括制冷和空调维修行业计划第四次付款和扶持方案的德国政府部分。

³ 执行委员会决定注意到，在实施氟氯烃淘汰管理计划第二阶段的过程中，巴基斯坦政府可能会提交一个投资项目，淘汰挤塑聚苯乙烯泡沫制造行业使用的 HCFC-142b，但条件是该国的基准消费量修改为包括 HCFC-142b，并得到蒙特利尔议定书缔约方会议的核准。

⁴ 为挤塑聚苯乙烯泡沫行业设定的费用有效性阈值为 10.27 美元/千克。

构和执行机构提交第八十二次会议的进度报告；《蒙特利尔议定书》缔约方通过的有关履约问题的决定。在本文件印发时，所有国家都有 2017 年国家方案执行数据，18 个国家已提交 2018 年数据。所有国家都报告已经实现了全部或大部分为机构加强前一阶段进展报告中的具体业绩指标而设定的目标。秘书处建议一揽子核准提交第八十三次会议的所有机构加强项目。

提交核查报告或满足具体条件之前暂不发放的资金

9. 目前没有提交核查报告或满足具体条件之前财务主任暂不发放的已核准资金。

受控物质和替代品的价格概述

10. 执行委员会第七十九次会议⁵要求秘书处在本文件中列入一项概述，说明任何新项目提案中请求供资的企业所述受控物质和将改用的替代品的价格，包括澄清这些价格与国家方案数据报告所述价格之间的任何差异。没有提交第八十三次会议审议的新的投资项目。

项目审查期间查明的问题

11. 在审查提交第八十三次会议审议的项目期间，没有发现提请执委会注意的新的政策问题。

提交供一揽子核准的项目和活动

低消费量国家遵守其氟氯烃淘汰管理计划的核查报告

12. 如表 1 所示，依照第 61/46 号决定(c)段⁶，秘书处挑选了 17 个国家为实例，为的是核实遵守氟氯烃淘汰管理计划的情况。其中一项挑选国家进行核实的标准是距离下一次氟氯烃淘汰管理计划付款的临近程度（2020 年和 2021 年之间）以及如有可能该国在先前核查中未被选过（这包括若干太平洋岛国）。但是，注意到被列为低消费量国家、以前没有选定进行核查的第 5 条款国家数量有限，可能过去已经为在此清单上的有些国家提供了核查资金。有鉴于此，秘书处使用了额外的选择标准：除了地理分布、消费水平以及双边和执行机构之间的分配等标准外，其先前的核查应在四年多前得到核准并已完成。选定的国家（非洲 4 个，亚洲 9 个，欧洲 2 个，拉丁美洲和加勒比 2 个）如下。

表 1. 核实遵守其氟氯烃淘汰管理计划协定的第 5 条款国家的实例

编码	国家	氟氯烃基准(公吨)	牵头/合作机构	下一次付款申请
1	安哥拉(第二阶段)	290.0	开发计划署	2021
2	亚美尼亚(第二阶段)	126.7	开发计划署	2020
3	布基纳法索	525.1	环境规划署	2020
4	柬埔寨	272.2	环境规划署	2020
5	库克群岛	0.9	环境规划署	2020
6	危地马拉	143.8	工发组织	2020
7	洪都拉斯	344.6	工发组织	2020
8	基里巴斯	1.0	环境规划署	2020
9	莱索托	62.7	德国	2020
10	马绍尔群岛	4.0	环境规划署	2020
11	密克罗尼西亚（联邦）	2.6	环境规划署	2020
12	黑山	39.0	工发组织	2020
13	瑙鲁	0.2	环境规划署	2020

⁵ 第 79/4 号决定(c)段。

⁶ 要求秘书处在每年的第一次会议上提供一份能够代表 20%的氟氯烃消费基准最高为 360 公吨的国家的清单，连同核准的氟氯烃淘汰管理计划，以证明为这些国家供资的目的是核查这些国家遵守了该年的氟氯烃淘汰管理计划协定。

编码	国家	氟氯烃基准(公吨)	牵头/合作机构	下一次付款申请
14	纽埃	0.2	环境规划署	2020
15	南苏丹	75.0	环境规划署	2019 (自 2018 年起) / 2020
16	图瓦卢	1.6	环境规划署	2020
17	瓦努阿图	5.1	环境规划署	2020

秘书处的建议

13. 执行委员会不妨请各双边和执行机构在其各自应提交第八十四次会议的工作方案修正案中，纳入以下国家的氟氯烃淘汰管理计划第一阶段核查报告的供资，金额为 30,000 美元，外加机构支助费用：布基纳法索、柬埔寨、库克群岛、危地马拉、洪都拉斯、基里巴斯、莱索托、马绍尔群岛、密克罗尼西亚（联邦）、黑山、瑙鲁、纽埃、南苏丹、图瓦卢和瓦努阿图，以及以下国家的氟氯烃淘汰管理计划第二阶段核查报告的供资：安哥拉和亚美尼亚。

14. 本文件附件一列出了总额为 8,576,869 美元（包括机构支助费用）的建议一揽子核准的 72 个项目和活动。对这些项目的核准应包括相应项目评价表中的相关条件或条款，以及对与相关多年期项目付款相关的执行方案的核准。

供个别审议的投资项目

15. 秘书处经过审查，建议对 16 个项目/活动进行个别审议，其费用共计 59,492,567 美元，包括机构支助费用。这些项目/活动是：中国氟氯烃淘汰管理计划第二阶段挤塑聚苯乙烯泡沫、工商制冷、清洗和制冷维修行业⁷计划的第三次付款，费用为 31,619,787 美元，包括机构支助费用；中国氟氯烃生产淘汰管理计划第二阶段第一次付款，费用为 25,138,537 美元，包括机构支助费用（如果包括原则上申请的数额，则为 109,769,643 美元，其中 75,415,613 美元将用于中国的氟氯烃生产淘汰管理计划）。

16. 为方便执行委员会讨论供个别审议的投资项目，秘书处对项目进行了行业分类，并根据所涉问题对其进行了分组，如表 2 所示。

表 2. 供个别审议的投资项目

国家	项目	机构	执委会文件	问题
氟氯烃淘汰管理计划第一阶段和第二阶段的付款申请				
中国	氟氯烃淘汰管理计划（第一阶段，年度进展报告）房间空调	工发组织	83/22	增加运行成本的拟议分配方案
中国（总体）	氟氯烃淘汰管理计划（第二阶段）	开发计划署/环境规划署/工发组织/世界银行/德国/日本	83/22	修订协定（第 81/45 号决定）
中国（挤塑聚苯乙烯泡沫）	氟氯烃淘汰管理计划（第二阶段，第三批付款）	工发组织/德国	83/22	500 万以上付款。解决了所有技术和费用问题。
中国（工商制冷）	氟氯烃淘汰管理计划（第二阶段，第三批付款）	开发计划署	83/22	500 万以上付款。解决了所有技术和费用问题。
中国（维修）	氟氯烃淘汰管理计划（第二阶段，第三批付款）	环境规划署/日本/德国	83/22	解决了所有技术和费用问题。

⁷ 申请还包括制冷和空调维修行业计划第四次付款和扶持方案的德国政府部分。

国家	项目	机构	执委会文件	问题
中国（清洗）	氟氯烃淘汰管理计划（第二阶段，第三批付款）	开发计划署	83/22	解决了所有技术和费用问题。
科威特	氟氯烃淘汰管理计划（第一阶段，第三批付款）	环境规划署和工发组织	83/29	延长第一阶段，修订协定。解决了所有技术和费用问题。
摩洛哥	氟氯烃淘汰管理计划（第一阶段，第三批付款）	工发组织	83/32	延长第一阶段，修订协定。解决了所有技术和费用问题。

List of projects and activities recommended for blanket approval

UNEP/OzL.Pro/ExCom/83/15
Annex I

Project Title	Agency	ODP/Metric (tonnes)*	Funds recommended (US\$)			C.E. (US\$/kg)
			Project	Support	Total	
AFGHANISTAN						
SEVERAL						
Ozone unit support						
Extension of institutional strengthening project (phase IX: 1/2020-12/2021)	UNEP		\$192,000	\$0	\$192,000	
Total for Afghanistan			\$192,000		\$192,000	
ARMENIA						
PHASE-OUT PLAN						
HCFC phase out plan						
HCFC phase-out management plan (stage II, second tranche)	UNEP	1.3	\$51,400	\$6,682	\$58,082	
Total for Armenia			\$51,400	\$6,682	\$58,082	
BANGLADESH						
SEVERAL						
Ozone unit support						
Renewal of the institutional strengthening project (phase IX: 7/2019-6/2021)	UNDP		\$166,400	\$11,648	\$178,048	
Total for Bangladesh			\$166,400	\$11,648	\$178,048	
BHUTAN						
SEVERAL						
Ozone unit support						
Extension of institutional strengthening project (phase VIII: 12/2019-11/2021)	UNEP		\$85,000	\$0	\$85,000	
Total for Bhutan			\$85,000		\$85,000	
BOTSWANA						
PHASE-OUT PLAN						
HCFC phase out plan						
Preparation of a HCFC phase-out management plan (stage II)	UNIDO		\$15,000	\$1,050	\$16,050	
Preparation of a HCFC phase-out management plan (stage II)	UNEP		\$25,000	\$3,250	\$28,250	
Total for Botswana			\$40,000	\$4,300	\$44,300	

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Project Title	Agency	ODP/Metric (tonnes)*	Funds recommended (US\$)			C.E. (US\$/kg)
			Project	Support	Total	
BURKINA FASO						
SEVERAL						
Ozone unit support						
Extension of the institutional strengthening project (phase XIII: 7/2019-6/2021)	UNEP		\$92,685	\$0	\$92,685	
Total for Burkina Faso			\$92,685		\$92,685	
CAMBODIA						
PHASE-OUT PLAN						
HCFC phase out plan						
HCFC phase-out management plan (fourth tranche) <i>Approved on the understanding that Cambodia had consumption in the servicing sector only; and that the end-user incentive programme would enhance the sustainability of the training of servicing technicians and that end users would provide co-financing to participate in the programme.</i>	UNEP		\$100,000	\$13,000	\$113,000	
HCFC phase-out management plan (fourth tranche) <i>Approved on the understanding that Cambodia had consumption in the servicing sector only; and that the end-user incentive programme would enhance the sustainability of the training of servicing technicians and that end users would provide co-financing to participate in the programme.</i>	UNDP		\$150,000	\$11,250	\$161,250	
SEVERAL						
Ozone unit support						
Extension of institutional strengthening project (phase X:1/2020-12/2021)	UNEP		\$144,214	\$0	\$144,214	
Total for Cambodia			\$394,214	\$24,250	\$418,464	
CHILE						
SEVERAL						
Ozone unit support						
Extension of the institutional strengthening project (phase XIII: 7/2019-6/2021)	UNDP		\$238,784	\$16,715	\$255,499	
Total for Chile			\$238,784	\$16,715	\$255,499	
COLOMBIA						
SEVERAL						
Ozone unit support						
Extension of institutional strengthening project (phase XII: 11/2019-10/2021)	UNDP		\$352,768	\$24,694	\$377,462	
Total for Colombia			\$352,768	\$24,694	\$377,462	

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Annex I

Project Title	Agency	ODP/Metric (tonnes)*	Funds recommended (US\$)			C.E. (US\$/kg)
			Project	Support	Total	
COMOROS						
PHASE-OUT PLAN						
HCFC phase out plan						
HCFC phase-out management plan (stage I, fourth tranche)	UNEP		\$30,000	\$3,900	\$33,900	
Total for Comoros			\$30,000	\$3,900	\$33,900	
CONGO, DR						
SEVERAL						
Ozone unit support						
Extension of the institutional strengthening project (phase IX: 6/2019-5/2021)	UNEP		\$85,000	\$0	\$85,000	
Total for Congo, DR			\$85,000		\$85,000	
COSTA RICA						
PHASE-OUT PLAN						
HCFC phase out plan						
HCFC phase-out management plan (stage I, fifth tranche)	UNDP	3.5	\$56,000	\$4,200	\$60,200	
<i>The Government and UNDP were requested to submit a progress report at the 85th meeting on the implementation of the work programme associated with the final tranche and the project completion report to the first meeting of the Executive Committee in 2022.</i>						
Total for Costa Rica			3.5	\$56,000	\$4,200	\$60,200
COTE D'IVOIRE						
SEVERAL						
Ozone unit support						
Extension of the institutional strengthening project (phase IX: 6/2019-5/2021)	UNEP		\$136,115	\$0	\$136,115	
Total for Cote D'Ivoire			\$136,115		\$136,115	
CUBA						
SEVERAL						
Ozone unit support						
Extension of institutional strengthening project (phase XI: 7/2019-6/2021)	UNDP		\$190,804	\$13,356	\$204,160	
Total for Cuba			\$190,804	\$13,356	\$204,160	

List of projects and activities recommended for blanket approval

UNEP/OzL.Pro/ExCom/83/15
Annex I

Project Title	Agency	ODP/Metric (tonnes)*	Funds recommended (US\$)			C.E. (US\$/kg)
			Project	Support	Total	
DJIBOUTI						
PHASE-OUT PLAN						
HCFC phase out plan						
HCFC phase-out management plan (stage I, third tranche)	UNEP	0.2	\$44,000	\$5,720	\$49,720	
<i>Approved on the understanding that UNEP would include as part of the progress report on the implementation of the third tranche of the HPMP, an update on progress toward implementing the recommendations in the verification report submitted to the 83rd meeting, which included: training of Customs officers on the implementation of national and sub regional regulations on ODS imports and distribution; making available training modules on the use of HCFC alternatives to vocational schools; and additional refrigerant identifiers would be requested under stage II of the HPMP.</i>						
Total for Djibouti		0.2	\$44,000	\$5,720	\$49,720	
DOMINICAN REPUBLIC						
PHASE-OUT PLAN						
HCFC phase out plan						
Preparation of a HCFC phase-out management plan (stage III)	UNDP		\$60,000	\$4,200	\$64,200	
Total for Dominican Republic			\$60,000	\$4,200	\$64,200	
ECUADOR						
SEVERAL						
Ozone unit support						
Extension of institutional strengthening project (phase VII: 7/2019-6/2021)	UNEP		\$226,305	\$0	\$226,305	
Total for Ecuador			\$226,305		\$226,305	
ESWATINI						
PHASE-OUT PLAN						
HCFC phase out plan						
Preparation of a HCFC phase-out management plan (stage II)	UNDP		\$10,000	\$700	\$10,700	
Preparation of a HCFC phase-out management plan (stage II)	UNEP		\$20,000	\$2,600	\$22,600	
HCFC phase-out management plan (stage I, fourth tranche)	UNEP	0.4	\$30,000	\$3,900	\$33,900	
<i>The Government, UNEP and UNDP were requested to submit a progress report on the implementation of the work programme associated with the final tranche to the first meeting in 2021 and the project completion report to the second meeting of the Executive Committee in 2022.</i>						

List of projects and activities recommended for blanket approval

UNEP/OzL.Pro/ExCom/83/15
Annex I

Project Title	Agency	ODP/Metric (tonnes)*	Funds recommended (US\$)			C.E. (US\$/kg)
			Project	Support	Total	
SEVERAL						
Ozone unit support						
Extension of institutional strengthening project (phase VI: 7/2019-6/2021)	UNEP		\$85,000	\$0	\$85,000	
	Total for Eswatini	0.4	\$145,000	\$7,200	\$152,200	
GABON						
PHASE-OUT PLAN						
HCFC phase out plan						
HCFC phase-out management plan (stage I, fourth tranche)	UNEP	5.7	\$50,000	\$6,500	\$56,500	
	Total for Gabon	5.7	\$50,000	\$6,500	\$56,500	
GAMBIA						
SEVERAL						
Ozone unit support						
Extension of the institutional strengthening project (phase X: 7/2019-6/2021)	UNEP		\$85,000	\$0	\$85,000	
	Total for Gambia		\$85,000		\$85,000	
GUINEA-BISSAU						
SEVERAL						
Ozone unit support						
Extension of the institutional strengthening project (phase VI: 6/2019-5/2021)	UNEP		\$85,000	\$0	\$85,000	
	Total for Guinea-Bissau		\$85,000		\$85,000	
GUYANA						
PHASE-OUT PLAN						
HCFC phase out plan						
HCFC phase-out management plan (stage II, second tranche)	UNDP	0.2	\$66,750	\$4,673	\$71,423	
<i>Approved on the understanding that UNEP will include an update on progress towards implementing the recommendations in the verification report submitted to the 83rd meeting, including the process of calculating and allocating annual import quotas; and addressing the shortcomings of the TRIPS statistical software in providing detailed ODS consumption data when submitting the request for the third tranche of the HPMP.</i>						

List of projects and activities recommended for blanket approval

UNEP/OzL.Pro/ExCom/83/15
Annex I

Project Title	Agency	ODP/Metric (tonnes)*	Funds recommended (US\$)			C.E. (US\$/kg)
			Project	Support	Total	
HCFC phase-out management plan (stage II, second tranche)	UNEP	0.2	\$65,500	\$8,515	\$74,015	
<i>Approved on the understanding that UNEP will include an update on progress towards implementing the recommendations in the verification report submitted to the 83rd meeting, including the process of calculating and allocating annual import quotas; and addressing the shortcomings of the TRIPS statistical software in providing detailed ODS consumption data when submitting the request for the third tranche of the HPMP.</i>						
Total for Guyana		0.4	\$132,250	\$13,188	\$145,438	
HONDURAS						
SEVERAL						
Ozone unit support						
Extension of the institutional strengthening project (phase IX: 7/2019-6/2021)	UNEP		\$85,000	\$0	\$85,000	
Total for Honduras			\$85,000		\$85,000	
KIRIBATI						
SEVERAL						
Ozone unit support						
Renewal of institutional strengthening project (phase VII: 10/2019-9/2021)	UNEP		\$85,000	\$0	\$85,000	
Total for Kiribati			\$85,000		\$85,000	
LIBERIA						
SEVERAL						
Ozone unit support						
Extension of the institutional strengthening project (phase VIII: 11/2019-10/2021)	UNEP		\$109,073	\$0	\$109,073	
Total for Liberia			\$109,073		\$109,073	
MALI						
PHASE-OUT PLAN						
HCFC phase out plan						
HCFC phase-out management plan (stage I, fourth tranche)	UNEP	1.8	\$52,000	\$6,760	\$58,760	
<i>Approved on the understanding that if Mali 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 Mali		1.8	\$52,000	\$6,760	\$58,760	

List of projects and activities recommended for blanket approval

UNEP/OzL.Pro/ExCom/83/15
Annex I

Project Title	Agency	ODP/Metric (tonnes)*	Funds recommended (US\$)			C.E. (US\$/kg)
			Project	Support	Total	
MEXICO						
PRODUCTION						
Preparation of project proposal						
Project preparation for the control of HFC-23 by-product emissions in the HCFC production sector	UNIDO		\$45,000	\$3,150	\$48,150	
Total for Mexico			\$45,000	\$3,150	\$48,150	
MONGOLIA						
SEVERAL						
Ozone unit support						
Renewal of the institutional strengthening project (phase XI: 1/2020-12/2021)	UNEP		\$85,000	\$0	\$85,000	
Total for Mongolia			\$85,000		\$85,000	
MONTENEGRO						
PHASE-OUT PLAN						
HCFC phase out plan						
HCFC phase-out management plan (stage I, fourth tranche)	UNIDO	0.2	\$30,000	\$2,250	\$32,250	
Total for Montenegro			0.2	\$30,000	\$2,250	\$32,250
MOZAMBIQUE						
PHASE-OUT PLAN						
HCFC phase out plan						
HCFC phase-out management plan (stage I, third and fourth tranches)	UNIDO	1.2	\$85,000	\$7,650	\$92,650	
<p><i>Noted that the Agreement between the Government and the Executive Committee had been updated based on decisions XXVI/14 and decision 73/61 that revised the HCFC baseline for compliance and the starting point for sustained aggregate reduction in HCFC consumption to 8.69 ODP tonnes and the level of funding for stage I of the HPMP for Mozambique to US\$332,500, plus agency support costs of US \$36,825, in accordance with decision 60/44(f)(xii). Approved on the understanding that Mozambique had consumption in the servicing sector only; and that the end-user incentive programme would enhance the sustainability of the training of servicing technicians and that end-users would provide co-financing to participate in the programme.</i></p>						

List of projects and activities recommended for blanket approval

UNEP/OzL.Pro/ExCom/83/15
Annex I

Project Title	Agency	ODP/Metric (tonnes)*	Funds recommended (US\$)			C.E. (US\$/kg)
			Project	Support	Total	
HCFC phase-out management plan (stage I, third and fourth tranches)	UNEP	1.6	\$67,500	\$8,775	\$76,275	
<i>Noted that the Agreement between the Government and the Executive Committee had been updated based on decisions XXVI/14 and decision 73/61 that revised the HCFC baseline for compliance and the starting point for sustained aggregate reduction in HCFC consumption to 8.69 ODP tonnes and the level of funding for stage I of the HPMP for Mozambique to US\$332,500, plus agency support costs of US \$36,825, in accordance with decision 60/44(f)(xii). Approved on the understanding that Mozambique had consumption in the servicing sector only; and that the end-user incentive programme would enhance the sustainability of the training of servicing technicians and that end-users would provide co-financing to participate in the programme.</i>						
Total for Mozambique		2.7	\$152,500	\$16,425	\$168,925	
MYANMAR						
PHASE-OUT PLAN						
HCFC phase out plan						
Preparation of a HCFC phase-out management plan (stage II)	UNEP		\$20,000	\$2,600	\$22,600	
Preparation of a HCFC phase-out management plan (stage II)	UNIDO		\$10,000	\$700	\$10,700	
Total for Myanmar			\$30,000	\$3,300	\$33,300	
NICARAGUA						
PHASE-OUT PLAN						
HCFC phase out plan						
Preparation of a HCFC phase-out management plan (stage II)	UNIDO		\$10,000	\$700	\$10,700	
Preparation of a HCFC phase-out management plan (stage II)	UNEP		\$20,000	\$2,600	\$22,600	
Total for Nicaragua			\$30,000	\$3,300	\$33,300	
NIGERIA						
PHASE-OUT PLAN						
HCFC phase out plan						
Preparation of a HCFC phase-out management plan (stage III)	UNDP		\$22,500	\$1,575	\$24,075	
Preparation of a HCFC phase-out management plan (stage III)	UNIDO		\$72,500	\$5,075	\$77,575	
Total for Nigeria			\$95,000	\$6,650	\$101,650	

List of projects and activities recommended for blanket approval

UNEP/OzL.Pro/ExCom/83/15
Annex I

Project Title	Agency	ODP/Metric (tonnes)*	Funds recommended (US\$)			C.E. (US\$/kg)
			Project	Support	Total	
PAKISTAN						
PHASE-OUT PLAN						
HCFC phase out plan						
HCFC phase-out management plan (stage II, second tranche) (refrigeration servicing sector)	UNEP	2.4	\$200,000	\$25,976	\$225,976	
<i>Noted that the Agreement between the Government and the Executive Committee had been updated to reflect the country's baseline of 248.11 ODP tonnes as reported under Article 7 of the Montreal Protocol.</i>						
HCFC phase-out management plan (stage II, second tranche) (project management unit)	UNIDO		\$294,500	\$20,615	\$315,115	
<i>Noted that the Agreement between the Government and the Executive Committee had been updated to reflect the country's baseline of 248.11 ODP tonnes as reported under Article 7 of the Montreal Protocol.</i>						
HCFC phase-out management plan (stage II, second tranche) (polyurethane foam sector)	UNIDO		\$570,352	\$39,925	\$610,277	
<i>Noted that the Agreement between the Government and the Executive Committee had been updated to reflect the country's baseline of 248.11 ODP tonnes as reported under Article 7 of the Montreal Protocol.</i>						
HCFC phase-out management plan (stage II, second tranche) (domestic air-conditioning sector)	UNIDO	6.9	\$1,115,000	\$78,050	\$1,193,050	
<i>Noted that the Agreement between the Government and the Executive Committee had been updated to reflect the country's baseline of 248.11 ODP tonnes as reported under Article 7 of the Montreal Protocol.</i>						
Total for Pakistan		9.4	\$2,179,852	\$164,566	\$2,344,418	
PALAU						
SEVERAL						
Ozone unit support						
Renewal of institutional strengthening project (phase VIII: 12/2019-11/2021)	UNEP		\$85,000	\$0	\$85,000	
Total for Palau			\$85,000		\$85,000	
PANAMA						
PHASE-OUT PLAN						
HCFC phase out plan						
Preparation of a HCFC phase-out management plan (stage III)	UNDP		\$60,000	\$4,200	\$64,200	
Total for Panama			\$60,000	\$4,200	\$64,200	

List of projects and activities recommended for blanket approval

UNEP/OzL.Pro/ExCom/83/15
Annex I

Project Title	Agency	ODP/Metric (tonnes)*	Funds recommended (US\$)			C.E. (US\$/kg)
			Project	Support	Total	
PHILIPPINES						
SEVERAL						
Ozone unit support						
Extension of institutional strengthening project (phase XII: 1/2020-12/2021)	UNEP		\$231,850	\$0	\$231,850	
Total for Philippines			\$231,850		\$231,850	
SAMOA						
SEVERAL						
Ozone unit support						
Extension of institutional strengthening project (phase X: 11/2019-10/2021)	UNEP		\$85,000	\$0	\$85,000	
Total for Samoa			\$85,000		\$85,000	
SIERRA LEONE						
PHASE-OUT PLAN						
HCFC phase out plan						
HCFC phase-out management plan (stage I, fourth tranche)	UNEP		\$21,000	\$2,730	\$23,730	
<i>Approved on the understanding that UNEP would include, as part of the progress report on the implementation of the fourth tranche of the HPMP, an update on progress towards development of an electronic system to enhance efficiency of monitoring the licensing system and an online system for importer registration and application of import allocation and licenses; and that additional refrigerant identifiers would be requested under stage II of the HPMP.</i>						
Total for Sierra Leone			\$21,000	\$2,730	\$23,730	
SOLOMON ISLANDS						
SEVERAL						
Ozone unit support						
Renewal of institutional strengthening project (phase VIII: 12/2019-11/2021)	UNEP		\$85,000	\$0	\$85,000	
Total for Solomon Islands			\$85,000		\$85,000	
SOMALIA						
SEVERAL						
Ozone unit support						
Extension of the institutional strengthening project (phase IV: 7/2019-6/2021)	UNEP		\$85,000	\$0	\$85,000	
Total for Somalia			\$85,000		\$85,000	

List of projects and activities recommended for blanket approval

UNEP/OzL.Pro/ExCom/83/15
Annex I

Project Title	Agency	ODP/Metric (tonnes)*	Funds recommended (US\$)			C.E. (US\$/kg)
			Project	Support	Total	
SOUTH AFRICA						
PHASE-OUT PLAN						
HCFC phase out plan						
HCFC phase-out management plan (stage I, fourth tranche) (refrigeration servicing, custom training and monitoring)	UNIDO	62.5	\$499,612	\$34,973	\$534,585	
Total for South Africa		62.5	\$499,612	\$34,973	\$534,585	
SURINAME						
PHASE-OUT PLAN						
HCFC phase out plan						
Preparation of a HCFC phase-out management plan (stage II)	UNEP		\$20,000	\$2,600	\$22,600	
Preparation of a HCFC phase-out management plan (stage II)	UNIDO		\$10,000	\$700	\$10,700	
Total for Suriname			\$30,000	\$3,300	\$33,300	
SYRIA						
SEVERAL						
Technical assistance/support						
Enabling activities for HFC phase-down <i>Funded from the additional voluntary contributions of non-Article 5 countries.</i>	UNEP		\$250,000	\$17,500	\$267,500	
Total for Syria			\$250,000	\$17,500	\$267,500	
TANZANIA						
SEVERAL						
Ozone unit support						
Extension of the institutional strengthening project (phase VII: 7/2019-6/2021)	UNEP		\$85,000	\$0	\$85,000	
Total for Tanzania			\$85,000		\$85,000	
TOGO						
PHASE-OUT PLAN						
HCFC phase out plan						
Preparation of a HCFC phase-out management plan (stage II)	UNIDO		\$20,000	\$1,400	\$21,400	

List of projects and activities recommended for blanket approval

UNEP/OzL.Pro/ExCom/83/15
Annex I

Project Title	Agency	ODP/Metric (tonnes)*	Funds recommended (US\$)			C.E. (US\$/kg)
			Project	Support	Total	
HCFC phase-out management plan (stage I, fourth tranche) <i>Approved on the understanding that Togo had consumption in the servicing sector only; that the incentive programme to promote conversion of air-conditioning equipment to low-GWP alternatives include associated training and capacity building to ensure sustainable implementation; and that the three participating beneficiaries would provide co-financing to participate in the scheme.</i>	UNEP	2.2	\$40,000	\$5,200	\$45,200	
Preparation of a HCFC phase-out management plan (stage II)	UNEP		\$40,000	\$5,200	\$45,200	
	Total for Togo	2.2	\$100,000	\$11,800	\$111,800	
TONGA						
SEVERAL						
Ozone unit support						
Renewal of institutional strengthening project (phase VIII: 12/2019-11/2021)	UNEP		\$85,000	\$0	\$85,000	
	Total for Tonga		\$85,000		\$85,000	
TRINIDAD AND TOBAGO						
SEVERAL						
Ozone unit support						
Extension of the institutional strengthening project (phase X: 1/2020-12/2021)	UNDP		\$85,000	\$5,950	\$90,950	
	Total for Trinidad and Tobago		\$85,000	\$5,950	\$90,950	
URUGUAY						
PHASE-OUT PLAN						
HCFC phase out plan						
Preparation of a HCFC phase-out management plan (stage III)	UNDP		\$60,000	\$4,200	\$64,200	
	Total for Uruguay		\$60,000	\$4,200	\$64,200	
ZAMBIA						
PHASE-OUT PLAN						
HCFC phase out plan						
Preparation of a HCFC phase-out management plan (stage II)	UNEP		\$20,000	\$2,600	\$22,600	
Preparation of a HCFC phase-out management plan (stage II)	UNIDO		\$10,000	\$700	\$10,700	

List of projects and activities recommended for blanket approval

UNEP/OzL.Pro/ExCom/83/15
Annex I

Project Title	Agency	ODP/Metric (tonnes)*	Funds recommended (US\$)			C.E. (US\$/kg)
			Project	Support	Total	
SEVERAL						
Ozone unit support						
Extension of the institutional strengthening project (phase VII: 7/2019-6/2021)	UNEP		\$85,000	\$0	\$85,000	
		Total for Zambia	\$115,000	\$3,300	\$118,300	
ZIMBABWE						
PHASE-OUT PLAN						
HCFC phase out plan						
Preparation of a HCFC phase-out management plan (stage II)	UNEP		\$40,000	\$5,200	\$45,200	
Preparation of a HCFC phase-out management plan (stage II)	UNDP		\$20,000	\$1,400	\$21,400	
SEVERAL						
Ozone unit support						
Renewal of the institutional strengthening project (phase X: 7/2019-6/2021)	UNEP		\$189,750	\$0	\$189,750	
		Total for Zimbabwe	\$249,750	\$6,600	\$256,350	
		GRAND TOTAL	90.4	\$8,129,362	\$447,507	\$8,576,869

* HCFC in ODP tonnes. HFC in metric tonnes