



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  
第八十七次会议  
2021年6月28日至7月2日，蒙特利尔<sup>1</sup>

环境规划署 2021 工作方案

<sup>1</sup> 由于 2019 冠状病毒病（COVID-19），将于 2021 年 6 月和 7 月举行在线会议和闭会期间批准程序。

## 基金秘书处的评论和建议

1. 环境规划署请执行委员会为表 1 所列其 2021 年工作方案核准 4,585,406 美元，外加 122,135 美元的机构支助费用。<sup>2</sup> 来文随附于本文件之后。

表 1: 环境规划署 2021 工作方案

国别	活动/项目	申请数额(美元)	建议数额(美元)
<b>A 节: 建议一揽子核准的活动</b>			
<b>A1: 延长体制强化项目</b>			
阿富汗	延长体制强化项目(第十阶段)	192,000	192,000
伯利兹	延长体制强化项目(第十阶段)	98,176	98,176
布基纳法索	延长体制强化项目(第十四阶段)	92,685	92,685
布隆迪	延长体制强化项目(第九阶段)	85,000	85,000
柬埔寨	延长体制强化项目(第十一阶段)	144,214	144,214
刚果	延长体制强化项目(第十一阶段)	85,000	85,000
刚果民主共和国	延长体制强化项目(第十阶段)	85,000	85,000
赤道几内亚	延长体制强化项目(第四阶段)	102,400	102,400
厄立特里亚	延长体制强化项目(第五阶段)	85,000	85,000
斯威士兰	延长体制强化项目(第七阶段)	85,000	85,000
加蓬	延长体制强化项目(第十一阶段)	85,000	85,000
冈比亚	延长体制强化项目(第十一阶段)	85,000	85,000
格林纳达	延长体制强化项目(第七阶段)	85,000	85,000
几内亚比绍	延长体制强化项目(第七阶段)	85,000	85,000
伊拉克	延长体制强化项目(第五阶段)	307,200	307,200
基里巴斯	延长体制强化项目(第八阶段)	85,000	85,000
科威特	延长体制强化项目(第八阶段)	134,810	134,810
利比里亚	延长体制强化项目(第九阶段)	109,073	109,073
马达加斯加	延长体制强化项目(第九阶段)	85,000	85,000
毛里求斯	延长体制强化项目(第七阶段)	85,000	85,000
摩尔多瓦共和国	延长体制强化项目(第十一阶段)	88,748	88,748
蒙古	延长体制强化项目(第十二阶段)	85,000	85,000
纽埃	延长体制强化项目(第八阶段)	85,000	85,000
帕劳	延长体制强化项目(第九阶段)	85,000	85,000
菲律宾	延长体制强化项目(第十三阶段)	231,850	231,850
卢旺达	延长体制强化项目(第九阶段)	85,000	85,000
萨摩亚	延长体制强化项目(第十一阶段)	85,000	85,000
圣多美和普林西比	延长体制强化项目(第七阶段)	85,000	85,000
索马里	延长体制强化项目(第五阶段)	85,000	85,000
多哥	延长体制强化项目(第十一阶段)	85,000	85,000
汤加	延长体制强化项目(第九阶段)	85,000	85,000
图瓦卢	延长体制强化项目(第八阶段)	85,000	85,000

<sup>2</sup> 包括本文件所附向第八十七次会议提出的新申请以及分别载于 UNEP/OzL.Pro/ExCom/85/16 和 UNEP/OzL.Pro/ExCom/86/34 号文件的第八十五次和第八十六次会议为编制氢氟碳化物逐步减少计划提出的申请。

国别	活动/项目		申请数额(美元)	建议数额(美元)
赞比亚	延长体制强化项目(第八阶段)		85,000	85,000
津巴布韦	延长体制强化项目(第十一阶段)		189,750	189,750
A1 共计			3,645,906	3,645,906
<b>A2: 氟氯烃淘汰管理计划的项目编制</b>				
印度 <sup>a, b</sup>	氟氯烃淘汰管理计划(第三阶段)的编制工作		20,000	20,000
伊朗伊斯兰共和国 <sup>a, b, c</sup>	氟氯烃淘汰管理计划(第三阶段)的编制工作		15,000	15,000
A2 小计			35,000	35,000
机构支助费用			4,550	4,550
A2 共计			39,550	39,550
<b>B 节: 建议单独审议的活动</b>				
<b>B1: 氢氟碳化物逐步减少计划项目编制</b>				
国别	在第几次会议上提交	活动/项目	申请数额(美元)	建议数额(美元)
阿尔巴尼亚 <sup>e</sup>	85	氢氟碳化物逐步减少计划的编制工作	31,500	*
亚美尼亚	86	氢氟碳化物逐步减少计划的编制工作	150,000	*
不丹 <sup>d</sup>	86	氢氟碳化物逐步减少计划的编制工作	75,000	*
斯威士兰 <sup>d</sup>	87	氢氟碳化物逐步减少计划的编制工作	100,000	*
加纳 <sup>b</sup>	86	氢氟碳化物逐步减少计划的编制工作	45,000	*
吉尔吉斯斯坦 <sup>b</sup>	86	氢氟碳化物逐步减少计划的编制工作	25,000	*
老挝人民民主共和国 <sup>d</sup>	86	氢氟碳化物逐步减少计划的编制工作	75,000	*
马尔代夫 <sup>d</sup>	86	氢氟碳化物逐步减少计划的编制工作	75,000	*
墨西哥 <sup>d, e</sup>	86	氢氟碳化物逐步减少计划的编制工作	35,000	*
尼日利亚 <sup>b, c</sup>	86	氢氟碳化物逐步减少计划的编制工作	58,000	*
塞内加尔 <sup>c</sup>	86	氢氟碳化物逐步减少计划的编制工作	60,000	*
斯里兰卡 <sup>b</sup>	87	氢氟碳化物逐步减少计划的编制工作	25,000	*
土库曼斯坦	86	氢氟碳化物逐步减少计划的编制工作	150,000	*
B1 小计			904,500	*
机构支助费用			117,585	*
B1 共计			1,022,085	*
(A1, A2, B1)总计			4,707,541	3,685,456

<sup>a</sup> 德国政府为双边合作机构。

<sup>b</sup> 开发计划署为牵头执行机构。

<sup>c</sup> 工发组织为合作执行机构。

<sup>d</sup> 开发计划署为合作执行机构。

<sup>e</sup> 工发组织为牵头执行机构。

\* 供单独审议。

## **A 节: 建议一揽子核准的活动**

### **A1: 延长体制强化项目**

#### **项目说明**

2. 环境规划署提交了表 1 的 A1 节所列各国延长体制强化项目的申请。这些项目的说明载于本文件附件一。

#### **秘书处的评论**

3. 秘书处参照有关供资资格和资金数额的准则和相关决定，审查了环境规划署代表有关国家政府提交的 234 项延长体制强化项目的申请。秘书处对照前一阶段原有体制强化工作计划、国家方案和第 7 条数据、上一份氟氯烃淘汰管理计划执行情况报告、各机构的进展报告以及缔约方会议的任何相关决定，反复核实了这些申请。秘书处注意到，这些国家提交了它们的 2020 年国家方案数据，并遵守了《蒙特利尔议定书》规定的管制目标，其年度氟氯烃消费量未超过各国与执行委员会分别签订的氟氯烃淘汰管理计划协定中所示年度最高允许消费总量。此外，所有提交的申请都按照第 74/51(e)号决定包含了体制强化项目下一阶段计划活动的业绩指标。

#### **秘书处的建议**

4. 秘书处建议依照本文件表 1 的 A1 节所示供资数额一揽子核准下列国家的体制强化延长申请：阿富汗、伯利兹、布基纳法索、布隆迪、柬埔寨、刚果、刚果民主共和国、赤道几内亚、厄立特里亚、斯威士兰、加蓬、冈比亚、格林纳达、几内亚比绍、伊拉克、基里巴斯、科威特、利比里亚、马达加斯加、毛里求斯、摩尔多瓦共和国、蒙古、纽埃、帕劳、菲律宾、卢旺达、萨摩亚、圣多美和普林西比、索马里、多哥、汤加、图瓦卢、赞比亚和津巴布韦。执行委员会不妨向上述国家政府转达本文件附件二中的评论。

### **A2: 氟氯烃淘汰管理计划项目编制**

#### **项目说明**

5. 环境规划署作为合作执行机构为两个第 5 条国家印度和伊朗伊斯兰共和国提交了编制氟氯烃淘汰管理计划第三阶段的申请，其中开发计划署为两个国家的牵头执行机构、德国政府是双边合作机构，工发组织是伊朗伊斯兰共和国的另一个合作执行机构。这些申请如表 1 的 A2 节所示。

6. 开发计划署作为印度和伊朗伊斯兰共和国的牵头执行机构，在其 2021 年工作方案中共申请 440,000 美元，外加 30,800 美元的机构支助费用。<sup>3</sup>作为印度和伊朗伊斯兰共和国双边合作机构，德国政府共申请 80,000 美元，外加双边合作项下 10,400 美元的机构支助

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<sup>3</sup> UNEP/OzL.Pro/ExCom/87/15

费用。<sup>4</sup>工发组织作为伊朗伊斯兰共和国的合作执行机构，在其 2021 年工作方案中申请了 65,000 美元，外加 4,550 美元的机构支助费用。<sup>5</sup>

7. 开发计划署作为牵头执行机构，说明了编制总体战略和筹备印度和伊朗伊斯兰共和国氟氯烃淘汰管理计划第三阶段投资活动所需开展的活动以及其工作方案中的相应费用。<sup>6</sup>

### 秘书处的评论

8. 秘书处注意到，提交的项目编制申请符合第 71/42 号决定<sup>7</sup>的要求，印度和伊朗伊斯兰共和国的氟氯烃淘汰管理计划第三阶段将在 2030 年 1 月 1 日之前淘汰剩余的氟氯烃消费量，但结尾维修时期除外。

### 秘书处的建议

9. 秘书处建议按表 1 的 A2 节所示供资金额，一揽子核准印度和伊朗伊斯兰共和国氟氯烃淘汰管理计划第三阶段的项目编制申请。

## B 节：建议单独审议的活动

### 提交第八十五和八十六次会议的项目编制申请

10. 在第八十五次会议上，环境规划署作为合作机构在其 2020 年工作方案<sup>8</sup>中列入了为阿尔巴尼亚编制氢氟碳化物逐步减少管理计划提出的供资申请，工发组织是牵头执行机构，如表 B1 节所示。

11. 在第八十六次会议上，环境规划署作为指定执行机构在其 2020 年工作方案<sup>9</sup>中纳入了关于为两个第 5 条国家编制氢氟碳化物逐步减少管理计划提出的修正申请；作为牵头执行机构为四个国家提出的修正申请，开发计划署是其中三个国家的合作机构，工发组织是其中一个国家的合作机构；作为合作机构为四个国家提出的修正申请，其中开发计划署是加纳、吉尔吉斯斯坦和尼日利亚的牵头执行机构，工发组织是墨西哥的牵头执行机构，如表 1 的 B1 节所示。

12. 这些提交供单独审议的供资申请没有在第八十五和第八十六次会议上审议，而是根据第八十六次会议对第 5 条国家氢氟碳化物逐步减少计划编制准则草案的讨论，<sup>10</sup>并根据第 86/57 号决定，推迟到第八十七次会议审议。因此，已将提交第八十五和第八十六次会议的提案列入本文件。

<sup>4</sup> UNEP/OzL.Pro/ExCom/87/14

<sup>5</sup> UNEP/OzL.Pro/ExCom/87/17

<sup>6</sup> UNEP/OzL.Pro/ExCom/87/15

<sup>7</sup> 第 5 条国家编制氟氯烃淘汰管理计划第二阶段的供资准则。

<sup>8</sup> UNEP/OzL.Pro/ExCom/85/16

<sup>9</sup> UNEP/OzL.Pro/ExCom/86/34

<sup>10</sup> 议程项目 13(c)

## B1: 氢氟碳化物逐步减少管理计划项目编制

### 项目说明

13. 如表 1 的 B1 节所示, 环境规划署作为牵头执行机构向本次会议提交了一个国家氢氟碳化物逐步减少管理计划申请, 开发计划署为合作机构, 环境规划署作为合作机构为另一个国家提交了这项申请, 开发计划署是牵头执行机构。开发计划署作为斯里兰卡的牵头执行机构和斯威士兰的合作执行机构, 在其 2021 年工作方案<sup>11</sup>中申请 165,000 美元, 外加 11,550 美元的机构支助费用。

### 秘书处的评论

14. 环境规划署作为牵头执行机构, 使用氟氯烃淘汰管理计划各阶段项目编制申请的格式, 说明了为斯威士兰编制氢氟碳化物逐步减少总体战略所需开展的活动以及每项活动的相应费用。提交的材料包括氢氟碳化物和氢氟碳化物混合物的估计进口量信息; 项目编制期间将开展的活动, 包括数据收集、行业分布和氢氟碳化物消费量分析; 利益攸关方会议和协商; 以及氢氟碳化物逐步减少战略的制定。此项供资申请是根据编制氢氟碳化物逐步减少计划的拟议准则草案提出的, 该草案已提交第八十六次会议, 并推迟到第八十七次会议进一步讨论。

15. 第八十五次会议申请的项目编制提案的供资数额是以扶持活动的供资为基础的(载于第 79/46(c)号决定); 然而, 第八十六次会议上申请的供资是在氟氯烃淘汰管理计划第一阶段项目编制的供资(载于第 56/16(c)号决定)基础上提出的, 因为这是双边和执行机构在编制提交第八十六次会议的 2021-2023 年业务计划时使用的供资额。秘书处指出, 项目编制申请的供资数额是指示性的, 因为实际数额将在执行委员会对第 5 条国家编制氢氟碳化物逐步减少计划的准则草案的审议工作结束后决定(第 86/93 号决定)。<sup>12</sup>

16. 秘书处根据审查氟氯烃淘汰管理计划编制申请的经验, 并考虑到执行委员会为此类项目提供的指导和通过的决定, 审查了提交的材料。

17. 经审查后, 秘书处注意到以下情况:

- (a) 斯威士兰批准了《基加利修正案》; <sup>13</sup>根据第 79/46(b)(三)号决定, <sup>14</sup>将有资格获得项目编制资金; 该国还提供了一份背书函, 表明打算尽早采取行动逐步减少氢氟碳化物;
- (b) 该国氢氟碳化物逐步减少管理计划项目编制中所列活动类似于编制氟氯烃淘汰管理计划所需的活动。

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<sup>11</sup> UNEP/OzL.Pro/ExCom/87/15

<sup>12</sup> UNEP/OzL.Pro/ExCom/87/46

<sup>13</sup> 批准(或接受)基加利协定的日期:2020 年 11 月 24 日。

<sup>14</sup> 一旦国家批准了《基加利修正案》, 即可最早在承担削减义务之前五年, 并在今后将核准的准则的基础上, 为编制国家执行计划实现逐步减少氢氟碳化物的初步削减义务提供资金。

18. 环境规划署澄清说，斯威士兰逐步减少氢氟碳化物总体战略的项目编制工作将借鉴扶持活动下开展的活动，因为这些是与逐步减少氢氟碳化物相关的首批行动，已有助于批准《基加利修正案》。在第八十七次会议上核准这一供资申请，就能在 2022 年开始推行逐步减少氢氟碳化物，以便遵守《基加利修正案》。

19. 秘书处告知环境规划署，它将无法就这些申请提供建议，因为第八十七次会议将继续讨论这些申请的供资准则。

### **秘书处的建议**

20. 谨建议执行委员会根据议程项目 9(a)(项目审查期间所查明问题概览)和议程项目 13(c)(第 5 条国家逐步减少氢氟碳化物编制工作准则草案)(第 86/93 号决定)下的讨论，审议为表 1 的 B1 节所列国家编制氢氟碳化物逐步减少管理计划提出的供资申请。

Annex I

INSTITUTIONAL STRENGTHENING PROJECT PROPOSALS

**Afghanistan: Renewal of institutional strengthening**

<b>Summary of the project and country profile</b>		
Implementing agency:		UNEP
Amounts previously approved for institutional strengthening (US \$):		
	Phase I: Jul-04 and Jul-05	60,000
	Phase II: Nov-05	150,000
	Phase III: Nov-07	150,000
	Phase IV: Jul-09 & Jul-10	150,000
	Phase V: Jul-11	150,000
	Phase VI: Jul-13	150,000
	Phase VII: May-15	150,000
	Phase VIII: Nov-17	192,000
	Phase IX: May-19	192,000
	Total:	1,344,000
Amount requested for renewal (phase X) (US \$):		192,000
Amount recommended for approval for phase X (US \$):		192,000
Agency support costs (US \$):		0
Total cost of institutional strengthening phase X to the Multilateral Fund (US \$):		192,000
Date of approval of country programme:		2005
Date of approval of HCFC phase-out management plan (stage I):		2011
Baseline consumption of controlled substances (ODP tonnes):		
Annex B, Group III (methyl chloroform) (average 1998-2000)		0.0
Annex C, Group I (HCFCs) (average 2009-2010)		23.6
Annex E, (methyl bromide) (average 1995-1998)		0.0
Latest reported ODS consumption (2019) (ODP tonnes) as per Article 7:		
Annex B, Group III (methyl chloroform)		0.00
Annex C, Group I (HCFCs)		17.77
Annex E (methyl bromide)		0.00
	Total:	17.77
Year of reported country programme implementation data:		2020
Amount approved for projects (as at December 2020) (US \$):		4,035,412
Amount disbursed (as at December 2019) (US \$):		2,949,337
ODS to be phased out (as at December 2020) (ODP tonnes):		189.1
ODS phased out (as at December 2019) (ODP tonnes):		182.2

21. Summary of activities and funds approved by the Executive Committee:

<b>Summary of activities</b>	<b>Funds approved (US \$)</b>
(a) Investment projects:	1,263,020
(b) Institutional strengthening:	1,344,000
(c) Project preparation, technical assistance, training and other non-investment projects:	1,428,392
	Total:
	4,035,412
(d) HFC activities funded from additional voluntary contributions	150,000



Progress report

22. During phase IX, the NOU coordinated capacity building programmes for the customs authorities in different provinces; established national HS codes for HFCs and HFC blends that were included in UNCTAD Automated System for Customs Data (ASYCUDA); delivered good servicing practices trainings, including on safe handling of flammable and toxic refrigerants to RAC technicians; and celebrated the World Ozone Day and World Customs Day to enhance awareness on ozone-related issues. The NOU also revised the ozone regulation and drafted a new text which included provisions related to HFCs that will be amended after the ratification of the Kigali Amendment; and developed the country assessment report based on surveys conducted in five provinces under the enabling activities for HFC phase-down project. Of the 19 performance indicators proposed, 16 were fully achieved and 3 were partially achieved.

Plan of action

23. During phase X, the NOU will continue to cooperate with customs organization on the Montreal Protocol issues including the assignment of individual codes for HFCs and blends under the 2022 HS code; conduct regular trainings for customs authorities; conduct good practices trainings for RAC technicians; carry out field surveys and market inspection; coordinate with enforcement authorities to better implement the HPMP. The NOU will ensure the timely submission of consumption data under Article 7 of the Montreal Protocol and country programme data reports, and gender mainstreaming will be integrated into the implementation of the upcoming phase.

**Belize: Renewal of institutional strengthening**

<b>Summary of the project and country profile</b>		
Implementing agency:		UNEP
Amounts previously approved for institutional strengthening (US \$):		
Phase I:	Nov-99	88,500
Phase II:	Jul-03	76,700
Phase III:	Jul-05	76,700
Phase IV:	Nov-07	76,700
Phase V:	Nov-09	76,700
Phase VI:	Apr-12	76,700
Phase VII:	May-14	76,700
Phase VIII:	May-16	98,176
Phase IX:	Jun-18	98,176
	Total:	745,052
Amount requested for renewal (phase X) (US \$):		98,176
Amount recommended for approval for phase X (US \$):		98,176
Agency support costs (US \$):		0
Total cost of institutional strengthening phase X to the Multilateral Fund (US \$):		98,176
Date of approval of country programme:		1999
Date of approval of HCFC phase-out management plan:		2010
Baseline consumption of controlled substances (ODP tonnes):		
Annex B, Group III (methyl chloroform) (average 1998-2000)		0.0
Annex C, Group I (HCFCs) (average 2009-2010)		2.8
Annex E (methyl bromide) (average 1995-1998)		0.0
Latest reported ODS consumption (2020) (ODP tonnes) as per Article 7:		
Annex B, Group III (methyl chloroform)		0.00
Annex C, Group I (HCFCs)		1.39
Annex E (methyl bromide)		0.00
Total:		1.39

Year of reported country programme implementation data:	2020
Amount approved for projects (as at December 2020) (US \$):	1,957,489
Amount disbursed (as at December 2019) (US \$):	1,688,568
ODS to be phased out (as at December 2020) (ODP tonnes):	25.4
ODS phased out (as at December 2019) (ODP tonnes):	24.7

24. Summary of activities and funds approved by the Executive Committee:

Summary of activities	Funds approved (US \$)
(a) Investment projects:	260,500
(b) Institutional strengthening:	745,052
(c) Project preparation, technical assistance, training and other non-investment projects:	951,937
Total:	1,957,489
(d) HFC activities funded from additional voluntary contributions	0

Progress report

25. During phase IX of the IS the NOU supported public awareness campaigns and strengthening monitoring and enforcement. In 2019, Belize received the Global Montreal Protocol Award for Custom and Enforcement Officers in recognition of the commitment to address illegal trade in ozone-depleting and fluorinated global warming substances. Close relations with national agencies have been fruitful in the implementation of the HPMP, including the establishment of monitoring, evaluation, and reporting mechanisms. In addition, Belize has reported country programme and data under Article 7 of the Protocol in a timely manner; and the International Ozone Day was commemorated reaching a large audience. Belize fully achieved 17 out of the 25 performance indicators, 6 were partially achieved, 1 was not achieved and 1 was not applicable. In the cases where performance indicators were partially achieved, it was due to over-ambitious planning.

Plan of action

26. During phase X, the NOU will continue coordinating with stakeholders, strengthening the legal framework by formalizing the inclusion of HFCs in the licensing system, and promoting the use of low-GWP alternatives; monitoring to ensure timely implementation of HPMP activities including HCFC recovery and recycling and good practices in the refrigeration servicing sector; enforcement of the licensing and quota system to prevent the illegal trade of ODS; and public awareness campaigns through mass media and print media. The NOU will report timely CP and data under Article 7 of the Montreal Protocol to the Fund and Ozone Secretariats, respectively, and will participate in Montreal Protocol related meetings. The NOU will adapt its implementation to address any issues relating to the evolving COVID-19 pandemic and is committed to maintaining its compliance status.

**Burkina Faso: Renewal of institutional strengthening**

Summary of the project and country profile			UNEP
Implementing agency:			
Amounts previously approved for institutional strengthening (US \$):			
Phase I:	Nov-93		83,500
Phase II:	May-97		55,700
Phase III:	Mar-99		55,700
Phase IV:	Mar-01		55,700
Phase V:	Nov-02		72,410
Phase VI:	Dec-04		72,410
Phase VII:	Nov-06		72,410
Phase VIII:	Nov-08		72,410

<b>Summary of the project and country profile</b>			
	Phase IX:	Dec-10	72,410
	Phase X:	Dec-12	72,410
	Phase XI:	May-15	72,410
	Phase XII:	Jul-17	92,685
	Phase XIII:	May-19	92,685
		Total:	942,840
Amount requested for renewal (phase XIV) (US \$):			92,685
Amount recommended for approval for phase XIV (US \$):			92,685
Agency support costs (US \$):			0
Total cost of institutional strengthening phase XIV to the Multilateral Fund (US \$):			92,685
Date of approval of country programme:			1993
Date of approval of HCFC phase-out management plan (stage I):			2010
Baseline consumption of controlled substances (ODP tonnes):			
Annex B, Group III (methyl chloroform) (average 1998-2000)			0.0
Annex C, Group I (HCFCs) (average 2009-2010)			28.9
Annex E, (methyl bromide) (average 1995-1998)			0.0
Latest reported ODS consumption (2019) (ODP tonnes) as per Article 7:			
Annex B, Group III (methyl chloroform)			0.00
Annex C, Group I (HCFCs)			8.14
Annex E, (methyl bromide)			0.00
			Total:
			8.14
Year of reported country programme implementation data:			2020
Amount approved for projects (as at December 2020) (US \$):			2,866,940
Amount disbursed (as at December 2019) (US \$):			2,427,925
ODS to be phased out (as at December 2020) (ODP tonnes):			80.7
ODS phased out (as at December 2019) (ODP tonnes):			78.8

27.

<b>Summary of activities</b>	<b>Funds approved (US \$)</b>
(a) Investment projects:	425,000
(b) Institutional strengthening:	942,840
(c) Project preparation, technical assistance, training and other non-investment projects:	1,499,100
	Total:
	2,866,940
(d) HFC activities funded from additional voluntary contributions	150,000

### Progress report

28. The NOU collected 2019 HCFC import data from the Customs department and submitted country programme and data under Article 7 of the Montreal Protocol to the Fund and Ozone Secretariats, respectively; held two meetings with the National Ozone Committee to facilitate stakeholders' coordination; organized three meetings with the refrigeration association that is involved in the Montreal Protocol implementation; supervised training of 66 RAC technicians and 57 customs and enforcement officers; implemented awareness activities including the dissemination of information to consumers and importers on HCFC phase out, ODS regulations and latest Montreal Protocol developments; celebrated International Ozone Day in 2019 and 2020 and participated in regional network and Montreal Protocol meetings. Burkina Faso ratified the Kigali Amendment on 26 July 2018 and the enabling activities for phase-down HFCs project has been completed. The country fully achieved 18 out of 19 performance indicators with 1 indicator partially achieved.

Plan of action

29. For phase XIV, the NOU has planned the following activities: continued enforcement of the HCFC licensing and quota system; monitoring of HCFC phase-out; training of customs officer on illegal ODS trade; meetings with the National Ozone Committee; workshops with the refrigeration association and importers to raise awareness on low-GWP HCFC alternatives; information dissemination and awareness raising; completion of stage I of the HPMP and submission of stage II in 2022; and collection and timely report of import data to the Ozone and Multilateral Fund Secretariats.

**Burundi: Renewal of institutional strengthening**

<b>Summary of the project and country profile</b>		
Implementing agency:		UNEP
Amounts previously approved for institutional strengthening (US \$):		
	Phase I:	Nov-98 66,000
	Phase II:	Jul-02 57,200
	Phase III:	Dec-04 60,000
	Phase IV:	Nov-06 60,000
	Phase V:	Apr-09 60,000
	Phase VI:	Dec-13 60,000
	Phase VII:	Nov-15 85,000
	Phase VIII:	Jun-18 85,000
	Total:	533,200
Amount requested for renewal (phase IX) (US \$):		85,000
Amount recommended for approval for phase IX (US \$):		85,000
Agency support costs (US \$):		0
Total cost of institutional strengthening phase IX to the Multilateral Fund (US \$):		85,000
Date of approval of country programme:		1998
Date of approval of HCFC phase-out management plan:		2011
Baseline consumption of controlled substances (ODP tonnes):		
Annex B, Group III (methyl chloroform) (average 1998-2000)		0.1
Annex C, Group I (HCFCs) (average 2009-2010)		7.2
Annex E (methyl bromide) (average 1995-1998)		0.0
Latest reported ODS consumption (2019) (ODP tonnes) as per Article 7:		
Annex B, Group III (methyl chloroform)		0.00
Annex C, Group I (HCFCs)		1.79
Annex E (methyl bromide)		0.00
	Total:	1.79
Year of reported country programme implementation data:		2019
Amount approved for projects (as at December 2020) (US \$):		2,148,189
Amount disbursed (as at December 2019) (US \$):		1,611,619
ODS to be phased out (as at December 2020) (ODP tonnes):		59.7
ODS phased out (as at December 2019) (ODP tonnes):		59.2

30. Summary of activities and funds approved by the Executive Committee:

<b>Summary of activities</b>	<b>Funds approved (US \$)</b>
(a) Investment projects:	496,162
(b) Institutional strengthening:	533,200
(c) Project preparation, technical assistance, training and other non-investment projects:	1,118,827
	Total: 2,148,189
(d) HFC activities funded from additional voluntary contributions	0

Progress report

31. During phase VIII, the NOU collected HCFC import data from the Customs department and submitted 2019 and 2020 country programme data to the Fund Secretariat and 2020 data under Article 7 of the Montreal Protocol to the Ozone Secretariat; held meetings with the National Ozone Committee to discuss 2020 HCFC reduction targets and implementation of the Kigali Amendment; met with the main HCFC importers and distributors and with the refrigeration association; supervised training of 137 RAC technicians, and 65 customs and enforcement officers; held awareness activities including the dissemination of information on the availability of HCFC alternatives, the country's obligation related to the Montreal Protocol, and information on ODS regulations; celebrated International Ozone Day and participated in regional network and Montreal Protocol meetings. The Government of Burundi conducted arrangements to support ratification of Kigali Amendment, and activities that would help the country to fulfil initial obligations on the HFC phase-down, resulting on the ratification of the Amendment on 26 March 2021. Burundi fully achieved 19 out of 21 performance indicators, with 1 partially achieved, and 1 not achieved.

Plan of action

32. Activities under phase IX include: enforcement of the licensing and quota system for HCFC; information dissemination and awareness raising; coordination of the implementation of stage I of the HPMP; meetings with importers and refrigeration association; stakeholder workshops to raise awareness on low-GWP HCFC alternatives; and collection and timely submission of data to the Ozone and Fund Secretariats.

**Cambodia: Renewal of institutional strengthening**

<b>Summary of the project and country profile</b>		
Implementing agency:		UNEP
Amounts previously approved for institutional strengthening (US \$):		
Phase I:	Mar-02	30,000
Phase II:	Dec-03	100,000
Phase III:	Nov-05	112,667
Phase IV:	Nov-07	112,667
Phase V:	Jul-09 & Jul-10	112,667
Phase VI:	Jul-11	112,667
Phase VII:	Jul-13	112,667
Phase VIII:	May-15	112,667
Phase IX:	Jul-17	144,214
Phase X:	May-19	144,214
	Total:	1,094,430
Amount requested for renewal (phase XI) (US \$):		144,214
Amount recommended for approval for phase XI (US \$):		144,214
Agency support costs (US \$):		0
Total cost of institutional strengthening phase XI to the Multilateral Fund (US \$):		144,214
Date of approval of country programme:		2003
Date of approval of HCFC phase-out management plan (stage I):		2010
Baseline consumption of controlled substances (ODP tonnes):		
Annex B, Group III (methyl chloroform) (average 1998-2000)		0.5
Annex C, Group I (HCFCs) (average 2009-2010)		15.0
Annex E, (methyl bromide) (average 1995-1998)		0.0
Latest reported ODS consumption (2019) (ODP tonnes) as per Article 7:		
Annex B, Group III (methyl chloroform)		0.00

<b>Summary of the project and country profile</b>	
Annex C, Group I (HCFCs)	8.08
Annex E, (methyl bromide)	0.00
<b>Total:</b>	<b>8.08</b>
Year of reported country programme implementation data:	2020
Amount approved for projects (as at December 2020) (US \$):	4,161,930
Amount disbursed (as at December 2019) (US \$):	3,715,312
ODS to be phased out (as at December 2020) (ODP tonnes):	96.8
ODS phased out (as at December 2019) (ODP tonnes):	95.4

33.

<b>Summary of activities</b>	<b>Funds approved (US \$)</b>
(a) Investment projects:	930,000
(b) Institutional strengthening:	1,094,430
(c) Project preparation, technical assistance, training and other non-investment projects:	2,137,500
<b>Total:</b>	<b>4,161,930</b>
(d) HFC activities funded from additional voluntary contributions	150,000

#### Progress report

34. Despite the COVID-19 pandemic, during phase X, the NOU assisted in enforcing the HCFC licensing and quota system, supplemented by the online licensing system; strengthened the enforcement of ODS trade control through market inspections; submitted CP and Article 7 data reports in cooperation with the General Department of Customs and Excise; worked with stakeholders to harmonize the certification of servicing technicians; coordinated with stakeholders the implementation of the fourth tranche of the HPMP; organized public awareness activities on HCFC phase-out; and attended virtual meetings on the Montreal Protocol. Of the 21 performance indicators proposed, 20 were fully achieved and 1 was partially achieved.

#### Plan of action

35. The action plan of phase XI includes: implementation and enforcement of HCFC quota and licensing system and formalizing HFC licensing system after ratification to the Kigali Amendment; working with customs to assign individual codes for HFCs and blends under the 2022 HS code; conducting data collection and reconciliation for HCFC and HFC import-export statistics to submit data under Article 7 of the Montreal Protocol and country programme data; coordinating with stakeholders the implementation of HPMP and preparation of HFC phase-down management plan; ensuring the continuity of information dissemination to target groups; and participating in meetings on the implementation of the Montreal Protocol. Gender mainstreaming will also be integrated into the action plan for the upcoming phase.

#### **Congo (the): Renewal of institutional strengthening**

<b>Summary of the project and country profile</b>	
Implementing agency:	UNEP
Amounts previously approved for institutional strengthening (US \$):	
Phase I:	Jul-95 62,920
Phase II:	Dec-00 41,950
Phase III:	Apr-03 54,531
Phase IV:	Apr-05 60,000

<b>Summary of the project and country profile</b>			
	Phase V:	Mar-07	60,000
	Phase VI:	Apr-09	60,000
	Phase VII:	Jul-11	60,000
	Phase VIII:	Dec-13	60,000
	Phase IX:	Nov-15	85,000
	Phase X:	Jun-18	85,000
		Total:	629,401
Amount requested for renewal (phase XI) (US \$):			85,000
Amount recommended for approval for phase XI (US \$):			85,000
Agency support costs (US \$):			0
Total cost of institutional strengthening phase XI to the Multilateral Fund (US \$):			85,000
Date of approval of country programme:			1995
Date of approval of HCFC phase-out management plan:			2011
Baseline consumption of controlled substances (ODP tonnes):			
Annex B, Group III (methyl chloroform) (average 1998-2000)			0.0
Annex C, Group I (HCFCs) (average 2009-2010)			10.14
Annex E (methyl bromide) (average 1995-1998)			0.9
Latest reported ODS consumption (2020) (ODP tonnes) as per Article 7:			
Annex B, Group III (methyl chloroform)			0.00
Annex C, Group I (HCFCs)			6.39
Annex E (methyl bromide)			0.00
			Total:
			6.39
Year of reported country programme implementation data:			2019
Amount approved for projects (as at December 2020) (US \$):			2,029,079
Amount disbursed (as at December 2019) (US \$):			1,679,131
ODS to be phased out (as at December 2020) (ODP tonnes):			34.6
ODS phased out (as at December 2019) (ODP tonnes):			30.3

36.

<b>Summary of activities</b>	<b>Funds approved (US \$)</b>
(a) Investment projects:	270,000
(b) Institutional strengthening:	629,401
(c) Project preparation, technical assistance, training and other non-investment projects:	1,129,678
	Total:
	2,029,079
(d) HFC activities funded from additional voluntary contributions	150,000

### Progress report

37. During phase X, the NOU collected 2018, 2019 and 2020 HCFC import data from the Customs department and submitted data under the country programme and under Article 7 of the Montreal Protocol to the Fund and Ozone Secretariats, respectively; held meetings with the National Ozone Committee to ensure coordination with other stakeholders; held meetings with refrigeration association and the importers and consumer's association; supervised training of 100 RAC technicians, and 60 enforcement officers; conducted awareness-raising activities to non-governmental organizations and the private sector, and provided training to students of the Faculty of Physics at the University of Marien Nguabi; celebrated International Ozone Day; and participated in Montreal Protocol meetings. Congo fully achieved 19 out of 20 performance indicators, with 1 indicator partially achieved.

### Plan of action

38. In phase XI, the NOU will continue implementing activities to ensure the phase-out of HCFCs and preparation for the phase-down of HFCs, including: enforcement of the licensing and quota system, strict

application of annual quotas; sustained CFC phase out; organizing customs training to prevent illegal ODS trade; reconciling HCFC import data with customs; timely submission of data under the country programme and under Article 7; and meeting with National Ozone Committee annually. Completion of stage I of the HPMP and submission of stage II of the HPMP is planned in 2022. The Kigali Amendment is expected to be ratified in 2022, along with the finalization of the enabling activities project for the HFC phase-down, and the implementation of the HFC licensing system.

### Democratic Republic of Congo: Renewal of institutional strengthening

Summary of the project and country profile		
Implementing agency:		UNEP
Amounts previously approved for institutional strengthening (US \$):		
	Phase I: Mar-99	32,270
	Phase II: Dec-00	64,540
	Phase III: Jul-05	64,540
	Phase IV: Jul-07	64,540
	Phase V: Jul-09	48,405
	Phase VI: Dec-10	64,540
	Phase VII: Dec-13	64,540
	Phase VIII: Dec-16	85,000
	Phase IX: May-19	85,000
	Total:	573,375
Amount requested for renewal (phase X) (US \$):		85,000
Amount recommended for approval for phase X (US \$):		85,000
Agency support costs (US \$):		0
Total cost of institutional strengthening phase X to the Multilateral Fund (US \$):		85,000
Date of approval of country programme:		1999
Date of approval of HCFC phase-out management plan (stage I):		2011
Baseline consumption of controlled substances (ODP tonnes):		
Annex B, Group III (methyl chloroform) (average 1998-2000)		4.7
Annex C, Group I (HCFCs) (average 2009-2010)		66.2
Annex E (methyl bromide) (average 1995-1998)		1.5
Latest reported ODS consumption (2019) (ODP tonnes) as per Article 7:		
Annex B, Group III (methyl chloroform)		0.0
Annex C, Group I (HCFCs)		4.68
Annex E (methyl bromide)		0.0
	Total:	4.68
Year of reported country programme implementation data:		2019
Amount approved for projects (as at December 2020) (US \$):		4,732,027
Amount disbursed (as at December 2019) (US \$):		4,361,367
ODS to be phased out (as at December 2020) (ODP tonnes):		356.2
ODS phased out (as at December 2019) (ODP tonnes):		353.3

39.

Summary of activities	Funds approved (US \$)
(a) Investment projects:	2,302,680
(b) Institutional strengthening:	573,375
(c) Project preparation, technical assistance, training and other non-investment projects:	1,855,972
	Total
	4,732,027
(d) HFC activities funded from additional voluntary contributions	150,000



Progress report

40. During phase IX, the NOU continued to collect ODS import data from the customs department and submit country programme implementation data to the Fund Secretariat and data under Article 7 of the Montreal Protocol to the Ozone Secretariat. The NOU continued the implementation of the HPMP, including training for refrigeration technicians and customs officers; maintained cooperation with stakeholders; organized meetings with the National Ozone Committee and with refrigeration associations to discuss HCFC import quotas and introduction of incentives for import of HCFC alternatives. The enabling activities project for HFC phase-down also advanced with a decree introducing HFC import control currently being finalized. The NOU organized celebrations of the International Ozone Day and participated in Montreal Protocol meetings. Out of 17 performance indicators, 15 were fully achieved, one was partially achieved, and one not achieved.

Plan of action

41. During phase X, the NOU will continue to assist in enforcing the HCFC licensing and quota system; collecting and reporting data to the Fund and Ozone Secretariats; training customs officers on prevention of illegal trade and data collection; coordinate the Montreal Protocol activities with all relevant stakeholders; submit stage II of the HPMP to the Executive Committee; and implement awareness raising activities on Montreal Protocol. The Government will also ratify the Kigali Amendment and complete the enabling activities project by establishing an HFC licensing system.

**Equatorial Guinea: Renewal of institutional strengthening**

<b>Summary of the project and country profile</b>		
Implementing Agency:		UNEP
Amounts previously approved for institutional strengthening (US \$):		
	Phase I: Jul-06 and Apr-09	120,000
	Phase II: May-15	80,000
	Phase III: Jun-18	102,400
	Total:	302,400
Amount requested for renewal (Phase IV) (US \$):		102,400
Amount recommended for approval for Phase IV (US \$):		102,400
Agency support costs (US \$):		0
Total cost of institutional strengthening Phase IV to the Multilateral Fund (US \$):		102,400
Date of approval of country programme:		2006
Date of approval of HCFC phase-out management plan		2011
Baseline consumption of controlled substances (ODP tonnes):		
Annex B, Group III (Methyl chloroform) (Average 1998-2000)		0.0
Annex C, Group I (HCFCs) (average 2009-2010)		6.31
Annex E, (Methyl bromide) (Average 1995-1998)		0.0
Latest reported ODS consumption (2019) (ODP tonnes) as per Article 7:		
Annex B, Group III (Methyl chloroform)		0.00
Annex C, Group I (HCFCs)		0.87
Annex E, (Methyl bromide)		0.00
Total		0.87
Year of reported country programme implementation data:		2019
Amount approved for projects (as at December 2020) (US \$):		1,112,400
Amount disbursed (as at June 2020) (US \$):		753,553
ODS to be phased out (as at December 2020) (ODP tonnes):		5.5
ODS phased out (as at June 2020) (ODP tonnes):		5.0

42.

<b>Summary of activities</b>	<b>Funds</b>
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	approved (US \$)
(a) Investment projects:	135,000
(b) Institutional strengthening:	302,400
(c) Project preparation, technical assistance, training and other non-investment projects:	675,000
Total:	1,112,400
(d) HFC activities funded from additional voluntary contributions	150,000

### Progress report

43. During phase III, the NOU collected 2019 HCFC import data from the Customs department and submitted data under country programme and under Article 7 of the Montreal Protocol to the Multilateral Fund and Ozone Secretariats, respectively; held annual meetings with the National Ozone Committee, the refrigeration association, and refrigerant importers and distributors to ensure coordination with other stakeholders; supervised training of 121 RAC technicians, and 71 enforcement officers; held awareness activities including the dissemination of information to consumers and importers on the availability of HCFC alternatives, and information on ODS regulations; organized celebrations of the International Ozone Day and participated in Montreal Protocol meetings. The Government of Equatorial Guinea conducted the arrangements to support ratification of the Kigali Amendment, and activities that would help the country to fulfil initial obligations on the HFC phase-down. The country fully achieved 16 out of 20 performance indicators, 2 indicators were not achieved, and 2 were partially achieved.

### Plan of action

44. During phase IV, the NOU will continue to support the implementation of the Montreal Protocol through: information dissemination and awareness raising on Montreal Protocol implementation, in particular HCFC phase out and HFC phase-down; finalization of the implementation of stage I of the HPMP and preparation of stage II; implementation of the HCFC licensing and quota system, and sensitization of importers on annual quota; organisation of meetings with the National Ozone Committee and workshops to raise awareness on low-GWP HCFC alternatives; and collection and timely submission of data to the Ozone and Multilateral Fund Secretariats.

### **Eritrea: Renewal of institutional strengthening**

Summary of the project and country profile			
Implementing agency:			UNEP
Amounts previously approved for institutional strengthening (US \$):			
Phase I:	Nov-05 & Apr-08		80,000
Phase II:	Dec-12		60,000
Phase III:	Dec-16		85,000
Phase IV:	Dec-19		85,000
Total:			310,000
Amount requested for renewal (phase V) (US \$):			85,000
Amount recommended for approval for phase V (US \$):			85,000
Agency support costs (US \$):			0
Total cost of institutional strengthening phase V to the Multilateral Fund (US \$):			85,000
Date of approval of country programme:			2008
Date of approval of HCFC phase-out management plan:			2012
Baseline consumption of controlled substances (ODP tonnes):			
Annex B, Group III (methyl chloroform) (average 1998-2000)			0.0
Annex C, Group I (HCFCs) (average 2009-2010)			1.1
Annex E (methyl bromide) (average 1995-1998)			0.5
Latest reported ODS consumption (2020) (ODP tonnes) as per Article 7:			
Annex B, Group III (methyl chloroform)			0.0

<b>Summary of the project and country profile</b>	
Annex C, Group I (HCFCs)	0.62
Annex E (methyl bromide)	0.0
Total:	0.62
Year of reported country programme implementation data:	2020
Amount approved for projects (as at December 2020) (US \$):	1,205,000
Amount disbursed (as at December 2019) (US \$):	825,643
ODS to be phased out (as at December 2020) (ODP tonnes):	4.6
ODS phased out (as at December 2019) (ODP tonnes):	4.4

45.

<b>Summary of activities</b>	<b>Funds approved (US \$)</b>
(a) Investment projects:	295,000
(b) Institutional strengthening:	310,000
(c) Project preparation, technical assistance, training and other non-investment projects:	600,000
Total:	1,205,000
(d) HFC activities funded from additional voluntary contributions	95,000

#### Progress report

46. During phase IV, despite the challenges brought by the COVID-19 pandemic, the NOU coordinated and monitored the HPMP and implemented other activities under the IS project including awareness programmes; training of refrigeration and air-conditioning technicians, and customs officers; established and maintained working relationships with RAC experts; enhanced collaboration with HCFC importers and other stakeholders; enforced the HCFC import licensing and quota system; continued the enabling activities project for HFC phase-down; reported data under Article 7 of the Montreal Protocol and under country programme report to the Ozone and Multilateral Fund Secretariats, respectively. The country achieved 13 out of 15 performance indicators, with 2 partially achieved.

#### Plan of action

47. During phase V, the NOU will create a conducive environment for engaging stakeholders; continue the implementation of the licensing and quota system for HCFCs, and finalize stage I of the HPMP and commence implementation of stage II, including additional training of RAC technicians and customs officers; conduct public awareness activities, and development of publications. The Government of Eritrea will also finalize the Kigali Amendment ratification process.

#### **Eswatini (the Kingdom of): Renewal of institutional strengthening**

<b>Summary of the project and country profile</b>	
Implementing agency:	UNEP
Amounts previously approved for institutional strengthening (US \$):	
Phase I: Dec-94	67,320
Phase II: Dec-03	58,344
Phase III: Nov-07	60,000
Phase IV: Nov-09 & Apr-10	60,000
Phase V: Dec-13	60,000
Phase VI: May-19	85,000
Total:	390,664
Amount requested for renewal (phase VII) (US \$):	85,000
Amount recommended for approval for phase VII (US \$):	85,000

<b>Summary of the project and country profile</b>	
Agency support costs (US \$):	0
Total cost of institutional strengthening phase VII to the Multilateral Fund (US \$):	85,000
Date of approval of country programme:	1994
Date of approval of HCFC phase-out management plan (stage I):	2011
Baseline consumption of controlled substances (ODP tonnes):	
Annex B, Group III (methyl chloroform) (average 1998-2000)	0.0
Annex C, Group I (HCFCs) (average 2009-2010)	1.7
Annex E (methyl bromide) (average 1995-1998)	0.6
Latest reported ODS consumption (2019) (ODP tonnes) as per Article 7:	
Annex B, Group III (methyl chloroform)	0.0
Annex C, Group I (HCFCs)	0.32
Annex E (methyl bromide)	0.0
<b>Total:</b>	<b>0.32</b>
Year of reported country programme implementation data:	2019
Amount approved for projects (as at December 2020) (US \$):	2,316,782
Amount disbursed (as at December 2019) (US \$):	1,910,146
ODS to be phased out (as at December 2020) (ODP tonnes):	36.9
ODS phased out (as at December 2019) (ODP tonnes):	34.0

48.

<b>Summary of activities</b>	<b>Funds approved (US \$)</b>
(a) Investment projects:	839,448
(b) Institutional strengthening:	390,664
(c) Project preparation, technical assistance, training and other non-investment projects:	1,086,670
<b>Total:</b>	<b>2,316,782</b>
(d) HFC activities funded from additional voluntary contributions	95,000

### Progress report

49. During phase VI, the NOU enforced the ODS license and quota system; reported data under Article 7 of the Montreal Protocol and CP data to the Ozone and Multilateral Fund Secretariats, respectively; involved the steering committee and RAC association in the Montreal Protocol implementation; implemented HPMP activities and the enabling activities for HFC phase-down; submitted stage II of the HPMP which was approved; conducted information dissemination and awareness-raising activities for stakeholders and the general public on ozone issues, including the celebration of the International Ozone Day. Eswatini ratified the Kigali Amendment on 24 November 2020. Of the 18 performance indicators, 16 were fully achieved and 2 were partially achieved.

### Plan of action

50. Activities in phase VII includes: strengthening the licensing and quota system and incorporating the HFCs as controlled substances in the ODS laws; submission of data under Article 7 of the Montreal Protocol and CP data report, continuing capacity building for customs officers and technicians; disseminating information on low-GWP technologies and raising awareness on energy efficiency in the RAC sector; and organizing the celebration of the International Day for the Preservation of the Ozone Layer. The NOU will coordinate the implementation, monitoring, and reporting of the activities in the HPMP, encourage women to participate in the HPMP activities, and collect gender-disaggregated data. The NOU will also participate in the regional network and thematic meetings and other regional and international activities related to the Montreal Protocol.

**Gabon: Renewal of institutional strengthening**

<b>Summary of the project and country profile</b>		
Implementing agency:		UNEP
Amounts previously approved for institutional strengthening (US \$):		
	Phase I: May-97	45,600
	Phase II: Dec-00	30,400
	Phase III: Jul-02	39,520
	Phase IV: Dec-04	60,000
	Phase V: Nov-06	60,000
	Phase VI: Nov-08	60,000
	Phase VII: Dec-10	60,000
	Phase VIII: Dec-13	60,000
	Phase IX: Nov-15	85,000
	Phase X: Jun-18	85,000
	Total:	585,520
Amount requested for renewal (phase XI) (US \$):		85,000
Amount recommended for approval for phase XI (US \$):		85,000
Agency support costs (US \$):		0
Total cost of institutional strengthening phase XI to the Multilateral Fund (US \$):		85,000
Date of approval of country programme:		1997
Date of approval of HCFC phase-out management plan:		2010
Baseline consumption of controlled substances (ODP tonnes):		
Annex B, Group III (methyl chloroform) (average 1998-2000)		0.0
Annex C, Group I (HCFCs) (average 2009-2010)		30.2
Annex E (methyl bromide) (average 1995-1998)		0.0
Latest reported ODS consumption (2019) (ODP tonnes) as per Article 7:		
Annex B, Group III (methyl chloroform)		0.00
Annex C, Group I (HCFCs)		18.15
Annex E (methyl bromide)		0.00
	Total:	18.15
Year of reported country programme implementation data:		2019
Amount approved for projects (as at December 2020) (US \$):		2,295,367
Amount disbursed (as at December 2019) (US \$):		1,862,764
ODS to be phased out (as at December 2020) (ODP tonnes):		33.0
ODS phased out (as at December 2019) (ODP tonnes):		22.4

51.

<b>Summary of activities</b>	<b>Funds approved (US \$)</b>
(a) Investment projects:	339,900
(b) Institutional strengthening:	585,520
(c) Project preparation, technical assistance, training and other non-investment projects:	1,369,947
	Total:
	2,295,367
(d) HFC activities funded from additional voluntary contributions	150,000

Progress report

52. During phase X, the NOU collected from the Customs department and submitted 2018 and 2019 data under Article 7 of the Montreal Protocol and under the CP report to the Ozone and Multilateral Fund Secretariats, respectively; held meetings with the National Ozone Committee to ensure coordination with stakeholders, meetings with the importers and distributors to discuss the licensing system, and with the refrigeration association to promote HCFC alternatives; supervised the training of 50 customs officers and

117 refrigeration technicians, with 15 per cent and 10 per cent female participation respectively; conduct awareness activities including the dissemination of information to consumers and importers on the availability of HCFC alternatives, ODS regulations and Montreal Protocol developments; organized celebrations of the International Ozone Day and participated in meetings related to the Montreal Protocol. The country fully achieved 17 out of 20 performance indicators, 2 were partially achieved, and 1 was not achieved.

Plan of action

53. For phase XI, the NOU is planning the following activities: continued enforcement of the HCFC quota and licensing system; training of customs officers on illegal trade and HCFC data collection; information collection from customs on HCFCs and HCFC-based equipment; submission of data under Article 7 of the Montreal Protocol and country programme reporting; annual meetings with the National Ozone Committee; meetings with the refrigeration association and main importers; completion of stage I of the HPMP; and participation in Montreal Protocol related meetings.

**Gambia (the): Renewal of institutional strengthening**

Summary of the project and country profile		
Implementing agency:		UNEP
Amounts previously approved for institutional strengthening (US \$):		
	Phase I: May-96	42,200
	Phase II: Mar-00	28,000
	Phase III: Dec-03	36,573
	Phase IV: Apr-06	60,000
	Phase V: Apr-08	60,000
	Phase VI: Jul-10	60,000
	Phase VII: Jul-12	60,000
	Phase VIII: May-14	60,000
	Phase IX: Dec-16	85,000
	Phase X: May-19	85,000
	Total:	576,773
Amount requested for renewal (phase XI) (US \$):		85,000
Amount recommended for approval for phase XI (US \$):		85,000
Agency support costs (US \$):		0
Total cost of institutional strengthening phase XI to the Multilateral Fund (US \$):		85,000
Date of approval of country programme:		1996
Date of approval of HCFC phase-out management plan (stage I):		2011
Baseline consumption of controlled substances (ODP tonnes):		
Annex B, Group III (methyl chloroform) (average 1998-2000)		0.0
Annex C, Group I (HCFCs) (average 2009-2010)		1.5
Annex E (methyl bromide) (average 1995-1998)		0.0
Latest reported ODS consumption (2020) (ODP tonnes) as per Article 7:		
Annex B, Group III (methyl chloroform)		0.00
Annex C, Group I (HCFCs)		0.21
Annex E (methyl bromide)		0.00
Total:		0.21
Year of reported country programme implementation data:		2020
Amount approved for projects (as at December 2020) (US \$):		1,981,473
Amount disbursed (as at December 2019) (US \$):		1,566,430
ODS to be phased out (as at December 2020) (ODP tonnes):		43.1
ODS phased out (as at December 2019) (ODP tonnes):		42.8

54.

Summary of activities	Funds approved (US \$)
(a) Investment projects:	383,500
(b) Institutional strengthening:	576,773
(c) Project preparation, technical assistance, training and other non-investment projects:	1,021,200
Total	1,981,473
(d) HFC activities funded from additional voluntary contributions	95,000

### Progress report

55. During the phase X, the NOU continued to enforce the ODS regulations through the implementation of a licensing and quota system; submitted country programme implementation data to the Fund Secretariat and data under Article 7 of the Montreal Protocol to the Ozone Secretariat; continued to implement the activities under the HPMP, including training to customs officers on prevention of illegal trade of ODS and to refrigeration technicians on good refrigeration practices including safe use of flammable refrigerants; involved the steering committee and the refrigeration association in the implementation of the Montreal Protocol activities; implemented awareness raising activities on Montreal Protocol and Ozone Day celebrations, and the enabling activities project for HFC phase-down, which facilitated the process of ratification of the Kigali Amendment that concluded on 5 May 2021. Out of the 18 performance indicators, 17 were fully achieved and 1 was partially achieved.

### Plan of action

56. During phase XI, the NOU will continue to collect and submit country programme and data under Article 7 to the Multilateral Fund and Ozone Secretariats, respectively; coordinate the completion of stage I of the HPMP and launching implementation of stage II; continue implementing the training programme on good servicing practices for refrigeration technicians, and the training of customs officers to support the implementation and enforcement of ODS regulations; continue raising awareness on the Montreal Protocol through mass media, and publications; and participating at meetings related to the Montreal Protocol.

### **Grenada: Renewal of institutional strengthening**

Summary of the project and country profile	
Implementing agency:	UNEP
Amounts previously approved for institutional strengthening (US \$):	
Phase I: Mar-00 and Dec-04	48,000
Phase II: Nov-06	60,000
Phase III: Apr-10	52,500
Phase IV: Jul-12	60,000
Phase V: Nov-15	85,000
Phase VI: Jun-18	85,000
Total:	390,500
Amount requested for renewal (phases VII) (US \$):	85,000
Amount recommended for approval for phase VII (US \$):	85,000
Agency support costs (US \$):	0
Total cost of institutional strengthening phase VII to the Multilateral Fund (US \$):	85,000
Date of approval of country programme:	2000
Date of approval of HCFC phase-out management plan:	2010
Baseline consumption of controlled substances (ODP tonnes):	
Annex B, Group III (methyl chloroform) (average 1998-2000)	0.0
Annex C, Group I (HCFCs) (average 2009-2010)	0.8
Annex E (methyl bromide) (average 1995-1998)	0.0
Latest reported ODS consumption (2019) (ODP tonnes) as per Article 7:	
Annex B, Group III (methyl chloroform)	0.00
Annex C, Group I (HCFCs)	0.18

<b>Summary of the project and country profile</b>		
Annex E (methyl bromide)		0.00
	Total:	0.18
Year of reported country programme implementation data:		2020
Amount approved for projects (as at December 2020) (US \$):		1,229,100
Amount disbursed (as at December 2019) (US \$):		1,003,424
ODS to be phased out (as at December 2020) (ODP tonnes):		8.4
ODS phased out (as at December 2019) (ODP tonnes):		8.2

57.

<b>Summary of activities</b>	<b>Funds approved (US \$)</b>
(a) Investment projects:	195,000
(b) Institutional strengthening:	390,500
(c) Project preparation, technical assistance, training and other non-investment projects:	643,600
	Total:
	1,229,100
(d) HFC activities funded from additional voluntary contributions	50,000

#### Progress report

58. During phase VI, due to the COVID-19 pandemic, the NOU adapted to a virtual mode of implementation and was able to implement activities and submit its country programme data and data under Article 7 of the Montreal Protocol. The NOU established working relationship with Government bodies, in particular the Customs and Excise Department, with the RAC Association and other stakeholders. The NOU continued implementing activities to prevent illegal trade in ODS; data collection, processing and submission; and developing a public education and awareness programme. The country fully achieved 19 out of 26 performance indicators, 5 were partially achieved and 2 were not achieved. This was due to delays in the implementation of the HPMP owing to the global COVID-19 pandemic

#### Plan of action

59. Phase VII will include the following components: strengthening of the monitoring and enforcement mechanism and ensuring that HFCs are included in the licensing and quota system; strategic focus on the promotion of the transition to low GWP, energy efficient alternatives; an increase in the capacity of the NOU to undertake additional challenges relating to the implementation of the Kigali Amendment; data collection, verification and reporting to the Fund and Ozone Secretariats; and engaging with stakeholders on issues relating to ratification of the Kigali Amendment and on the Montreal Protocol.

#### **Guinea-Bissau: Renewal of institutional strengthening**

<b>Summary of the project and country profile</b>		
Implementing agency:		UNEP
Amounts previously approved for institutional strengthening (US \$):		
	Phase I: Apr-03 and Jul-04	90,000
	Phase II: Nov-06	60,000
	Phase III: Jul-12	60,000
	Phase IV: Nov-14	60,000
	Phase V: Nov-18	85,000
	Phase VI: May-19	85,000
	Total:	440,000
Amount requested for renewal (phase VII) (US \$):		85,000



<b>Summary of the project and country profile</b>	
Amount recommended for approval for phase VII (US \$):	85,000
Agency support costs (US \$):	0
Total cost of institutional strengthening phase VII to the Multilateral Fund (US \$):	85,000
Date of approval of country programme:	2004
Date of approval of HCFC phase-out management plan (stage I):	2011
Baseline consumption of controlled substances (ODP tonnes):	
Annex B, Group III (methyl chloroform) (average 1998-2000)	0.0
Annex C, Group I (HCFCs) (average 2009-2010)	2.8
Annex E (methyl bromide) (average 1995-1998)	0.0
Latest reported ODS consumption (2019) (ODP tonnes) as per Article 7:	
Annex B, Group III (methyl chloroform)	0.00
Annex C, Group I (HCFCs)	1.27
Annex E (methyl bromide)	0.00
Total:	1.27
Year of reported country programme implementation data:	2019
Amount approved for projects (as at December 2020) (US \$):	1,657,900
Amount disbursed (as at December 2019) (US \$):	1,392,006
ODS to be phased out (as at December 2020) (ODP tonnes):	27.2
ODS phased out (as at December 2019) (ODP tonnes):	21.7

60.

<b>Summary of activities</b>	<b>Funds approved (US \$)</b>
(a) Investment projects:	115,000
(b) Institutional strengthening:	440,000
(c) Project preparation, technical assistance, training and other non-investment projects:	1,102,900
Total:	1,657,900
(d) HFC activities funded from additional voluntary contributions	95,000

### Progress report

61. During phase VI, the NOU collected 2019 and 2020 HCFC import data from the Customs department and submitted data under the country programme and under Article 7 of the Montreal Protocol to the Fund and Ozone Secretariats, respectively; held meetings with the National Ozone Committee and met with industry representatives to ensure coordination with other stakeholders; organized a workshop with stakeholders in the governmental and private sectors to discuss the implications of the Kigali Amendment and activities that would assist the country to fulfil initial obligations relating to the HFC phase-down; supervised training of 53 RAC technicians and 75 customs and enforcement officers, as well as organized awareness conferences for importers, refrigeration engineers and business owners to inform about the HCFC phase-out; organized celebrations for the International Ozone Day; and participated in Montreal Protocol meetings. The country achieved all 16 performance indicators.

### Plan of action

62. In phase VII, the NOU will continue with the enforcement of the HCFC licensing and quota system; implementation of HPMP activities including training of technicians and customs officers; submission of stage II of the HPMP in 2022; holding meetings with importers to inform about quotas; workshops with stakeholder to raise awareness on low-GWP HCFC alternatives; implementing the HFC licensing system under ECOWAS; collection and timely data reporting to the Ozone and Fund Secretariats; and communication at the national level to spread awareness on the Kigali Amendment and its implications.

**Iraq: Renewal of institutional strengthening**

<b>Summary of the project and country profile</b>		
Implementing agency:		UNEP
Amounts previously approved for institutional strengthening (US \$):		
Phase I:	Apr-08 & Apr-09	300,000
Phase II:	Apr-13	240,000
Phase III:	May-16	307,200
Phase IV:	Dec-18	307,200
	Total:	1,154,400
Amount requested for renewal (phase V) (US \$):		307,200
Amount recommended for approval for phase V (US \$):		307,200
Agency support costs (US \$):		0
Total cost of institutional strengthening phase V to the Multilateral Fund (US \$):		307,200
Date of approval of country programme:		2009
Date of approval of HCFC phase-out management plan:		2011
Baseline consumption of controlled substances (ODP tonnes):		
Annex B, Group III (methyl chloroform) (average 1998-2000)		0.0
Annex C, Group I (HCFCs) (average 2009-2010)		108.4
Annex E (methyl bromide) (average 1995-1998)		4.6
Latest reported ODS consumption (2020) (ODP tonnes) as per Article 7:		
Annex B, Group III (methyl chloroform)		0.0
Annex C, Group I (HCFCs)		66.39
Annex E (methyl bromide)		0.0
	Total:	66.39
Year of reported country programme implementation data:		2020
Amount approved for projects (as at December 2020) (US \$):		11,926,938
Amount disbursed (as at December 2019) (US \$):		8,994,195
ODS to be phased out (as at December 2020) (ODP tonnes):		1489.98
ODS phased out (as at December 2019) (ODP tonnes):		1475.00

63.

<b>Summary of activities</b>	<b>Funds approved (US \$)</b>
(a) Investment projects:	7,676,538
(b) Institutional strengthening:	1,154,400
(c) Project preparation, technical assistance, training and other non-investment projects:	3,096,000
	Total:
	11,926,938
(d) HFC activities funded from additional voluntary contributions	0

Progress report

64. During phase IV, Iraq implemented ODS control measures and the HCFC licensing and quota system. The country has already started to implement HFC licensing administratively while awaiting formalization of the legislation to implement the Kigali Amendment; it has integrated Montreal Protocol related matters into the national environmental plan through the National Ozone Committee (NOC) and two other technical committees. Despite the challenges posed by the COVID-19 pandemic, the NOC collected and reported HCFC data and submitted all required reports; participated in Montreal Protocol related meetings; and conducted public awareness and information dissemination activities on ozone layer protection and non-ODS technologies. Iraq fully achieved 11 out of 14 performance indicators, and 3 were partially achieved.

Plan of action

65. During phase V, the NOC will continue the operation of the HCFC quota and licensing system; enforce the updated licensing and quota system that includes HFCs; pursue efforts to identify feasible alternatives with emphasis on the non-in-kind technologies; intensify its efforts to ensure proper implementation of activities under stage I of the HPMP and initiate stage II; and continue producing awareness materials and programmes.

**Kiribati: Renewal of institutional strengthening**

<b>Summary of the project and country profile</b>		
Implementing agency:		UNEP
Amounts previously approved for institutional strengthening (US \$):		
Phase I:	Mar-02	23,000
Phase II:	Jul-06 and Nov-07	37,666
Phase III:	Nov-09 & Apr-10	60,000
Phase IV:	Jul-11	60,000
Phase V:	Jul-13	60,000
Phase VI:	May-16	85,000
Phase VII:	May-19	85,000
	Total:	410,666
Amount requested for renewal (phase VIII) (US \$):		85,000
Amount recommended for approval for phase VIII (US \$):		85,000
Agency support costs (US \$):		0
Total cost of institutional strengthening phase VIII to the Multilateral Fund (US \$):		85,000
Date of approval of country programme:		2002
Date of approval of HCFC phase-out management plan (stage I):		2011
Baseline consumption of controlled substances (ODP tonnes):		
Annex B, Group III (methyl chloroform) (average 1998-2000)		0.0
Annex C, Group I (HCFCs) (average 2009-2010)		0.1
Annex E (methyl bromide) (average 1995-1998)		0.0
Latest reported ODS consumption (2019) (ODP tonnes) as per Article 7:		
Annex B, Group III (methyl chloroform)		0
Annex C, Group I (HCFCs)		0.02
Annex E (methyl bromide)		0
	Total:	0.02
Year of reported country programme implementation data:		2020
Amount approved for projects (as at December 2020) (US \$):		889,266
Amount disbursed (as at December 2019) (US \$):		505,381
ODS to be phased out (as at December 2020) (ODP tonnes):		0.6
ODS phased out (as at December 2019) (ODP tonnes):		0.0

66.

<b>Summary of activities</b>	<b>Funds approved (US \$)</b>
(a) Investment projects:	0
(b) Institutional strengthening:	410,666
(c) Project preparation, technical assistance, training and other non-investment projects:	478,600
	Total:
	889,266
(d) HFC activities funded from additional voluntary contributions	50,000

Progress report

67. During phase VII, the NOU maintained regular meetings and other communications with stakeholders in the public and private sectors; sensitized importers and servicing technicians on the requirement for the phasing-out of HCFC and the Kigali Amendment obligations; manages the implementation of stage I of the HPMP and enabling activities for HFC phase-down and preparation of stage II of the HPMP; submitted 2019 data under Article 7 of the Montreal Protocol and under the CP report to the Ozone and Fund Secretariats, respectively; and integrated the country's gender equality policy into the implementation of the Montreal Protocol activities to provide equal opportunities for men and women to be part of the planning and delivery of activities. Among the 16 performance indicators, 13 performance indicators were fully achieved and 3 were partially achieved.

Plan of action

68. Phase VIII will continue with the implementation of the licensing and quota system for HCFCs and licensing system for HFCs through the amended ODS regulation and verification of compliance with the licenses and quota issued; collaboration with the Customs Department to enforce the provisions of the Memorandum of Understanding; adoption and implementation of the Pacific Harmonized Commodity Description and Coding System 2022 (PACHS22), which assigns the individual HS code for HFCs and blends; engagement of the National Steering ODS Committee and the RAC Association in the planning and implementation of Montreal Protocol activities; implementation of the funded projects; raising awareness of the stakeholders on the Montreal Protocol and organization of the World Ozone Day celebration; active participation in Montreal Protocol related meetings; preparation and submission of reports under Article 7 of the Montreal Protocol and under the country programme in timely manner; and further integrating gender mainstreaming into the IS project.

**Kuwait: Renewal of institutional strengthening**

<b>Summary of the project and country profile</b>		
Implementing agency:		UNEP
Amounts previously approved for institutional strengthening (US \$):		
Phase I:	Jul-02	121,520
Phase II:	Nov-	105,320
Phase III:	Nov-07	105,320
	Nov-09 and	
Phase IV:	Apr- 10	105,320
Phase V:	Dec. 2012	105,320
Phase VI:	May-16	134,810
Phase VII:	Jun-18	134,810
	Total:	812,420
Amount requested for renewal (phase VIII) (US \$):		134,810
Amount recommended for approval for phase VIII (US \$):		134,810
Agency support costs (US \$):		0
Total cost of institutional strengthening phase VIII to the Multilateral Fund (US \$):		134,810
Date of approval of country programme:		2002
Date of approval of HCFC phase-out management plan:		2012
Baseline consumption of controlled substances (ODP tonnes):		
Annex B, Group III (methyl chloroform) (average 1998-2000)		0.0
Annex C, Group I (HCFCs) (average 2009-2010)		418.6
Annex E (methyl bromide) (average 1995-1998)		0.0
Latest reported ODS consumption (2019) (ODP tonnes) as per Article 7:		
Annex B, Group III (methyl chloroform)		0.00
Annex C, Group I (HCFCs)		253.63

<b>Summary of the project and country profile</b>		
Annex E (methyl bromide)		0.00
	Total:	253.63
Year of reported country programme implementation data:		2019
Amount approved for projects (as at December 2020) (US \$):		11,751,427
Amount disbursed (as at December 2019) (US \$):		5,346,708
ODS to be phased out (as at December 2020) (ODP tonnes):		288.8
ODS phased out (as at December 2019) (ODP tonnes):		89.9

69. Summary of activities and funds approved by the Executive Committee:

<b>Summary of activities</b>	<b>Funds approved (US \$)</b>
(a) Investment projects:	7,186,832
(b) Institutional strengthening:	812,420
(c) Project preparation, technical assistance, training and other non-investment projects:	3,752,175
	Total:
	11,751,427
(d) HFC activities funded from additional voluntary contributions	0

#### Progress report

70. Kuwait successfully implemented the IS project phase VII and has an operational electronic licensing system for HCFCs, with no cases of illegal trade identified; data reported under Article 7 of the Montreal Protocol and under country programme were done in a timely manner. The National Ozone and Climate Change Committee met on regular basis and provided strategic guidance to the NOU; industry associations are integrated in the HCFC phase-out activities. Kuwait initiated the update of the licensing and quota system to include HFCs; continued to identify alternatives suitable for the high-ambient temperature countries with emphasis on the non-in-kind technologies; intensified efforts to ensure the proper implementation of stage I of the HPMP; continued producing public and industry awareness materials; and prepared relevant Montreal Protocol reports. Kuwait participated in meetings related to the Montreal Protocol and fully achieved 10 out of 15 performance indicators, with 5 partially achieved.

#### Plan of action

71. During phase VIII, the NOU will continue coordination with stakeholders, Government and the private sector to update them on Montreal Protocol related decisions and to engage them in implementing stage I of the HPMP and initiating stage II; pursue the implementation of the outcomes of the enabling activities project for HFC phase-down to facilitate the ratification of the Kigali Amendment; continue the operation of the HCFC quota and licensing system; update this system to include HFCs; continue efforts to identify alternatives suitable for the high ambient temperature countries; and continue producing awareness materials and preparing and submitting relevant reports.

#### **Liberia: Renewal of institutional strengthening**

<b>Summary of the project and country profile</b>		
Implementing agency:		UNEP
Amounts previously approved for institutional strengthening (US \$):		
Phase I:	Dec-03	127,820
Phase II:	Mar-07	85,213
Phase III:	Apr-09	85,213
Phase IV:	Apr-11	85,213

Summary of the project and country profile			
	Phase V:	Apr-13	85,213
	Phase VI:	Nov-15	109,073
	Phase VII:	Nov-17	109,073
	Phase VIII:	May-19	109,073
		Total:	795,891
Amount requested for renewal (phase IX) (US \$):			109,073
Amount recommended for approval for phase IX (US \$):			109,073
Agency support costs (US \$):			0
Total cost of institutional strengthening phase IX to the Multilateral Fund (US \$):			109,073
Date of approval of country programme:			2003
Date of approval of HCFC phase-out management plan (stage I):			2011
Baseline consumption of controlled substances (ODP tonnes):			
Annex B, Group III (methyl chloroform) (average 1998-2000)			0.0
Annex C, Group I (HCFCs) (average 2009-2010)			5.3
Annex E (methyl bromide) (average 1995-1998)			0.0
Latest reported ODS consumption (2020) (ODP tonnes) as per Article 7:			
Annex B, Group III (methyl chloroform)			0.00
Annex C, Group I (HCFCs)			1.58
Annex E (methyl bromide)			0.00
			Total:
			1.58
Year of reported country programme implementation data:			2019
Amount approved for projects (as at December 2020) (US \$):			2,252,454
Amount disbursed (as at December 2019) (US \$):			1,950,769
ODS to be phased out (as at December 2020) (ODP tonnes):			58.1
ODS phased out (as at December 2019) (ODP tonnes):			41.0

72.

Summary of activities	Funds approved (US \$)
(a) Investment projects:	447,000
(b) Institutional strengthening:	795,891
(c) Project preparation, technical assistance, training and other non-investment projects:	1,009,563
	Total:
	2,252,454
(d) HFC activities funded from additional voluntary contributions	95,000

### Progress report

73. Under phase VIII, despite constraints imposed by the COVID-19 pandemic, the NOU continued with the enforcement of the HCFC import licensing system, monitoring of illegal ODS trade and related equipment leading to seizure of illegally imported contaminated/fake HFC-134a; training of customs and law enforcement officers on the implementation of Kigali Amendment, ODS control measures under the Montreal Protocol; collection and submission of HCFC consumption data for 2020 to the Fund and Ozone Secretariats; organization of the International Ozone Day celebration, other awareness-raising activities; preparation and submission of the HPMP verification report for the period 2016 to 2019; and participation in training workshops on issues related to the Montreal Protocol. Liberia ratified the Kigali Amendment on 12 July 2020 and amended regulation to include HFC import controls that are awaiting final approval by the Policy Council. The country fully achieved 20 out of 21 performance indicators, with 1 performance indicator partially achieved.

### Plan of action

74. For phase IX, the NOU will finalize stage I of the HPMP and start implementing stage II; ensure the adoption of the draft regulations by the Policy Council; train customs officers on ODS regulations including control measures of HCFCs; continue the awareness raising programme through mass media, online platforms and distribution of materials; continue timely submission of data under Article 7 of the Montreal Protocol and the country programme report to the Ozone and Multilateral Fund Secretariats, respectively; and participate in meetings related to the Montreal Protocol.

**Madagascar: Renewal of institutional strengthening**

<b>Summary of the project and country profile</b>		
Implementing agency:		UNEP
Amounts previously approved for institutional strengthening (US \$):		
Phase I:	Nov-99	70,000
Phase II:	Jul-04	60,700
Phase III:	Jul-06	60,700
Phase IV:	Nov-09 & Apr-10	60,700
Phase V:	Jul-12	60,700
Phase VI:	Nov-14	60,700
Phase VII:	Dec-16	85,000
Phase VIII:	Dec-18	85,000
	<b>Total:</b>	<b>543,500</b>
Amount requested for renewal (phase IX) (US \$):		85,000
Amount recommended for approval for phase IX (US \$):		85,000
Agency support costs (US \$):		0
Total cost of institutional strengthening phase IX to the Multilateral Fund (US \$):		85,000
Date of approval of country programme:		1999
Date of approval of HCFC phase-out management plan:		2010
Baseline consumption of controlled substances (ODP tonnes):		
Annex B, Group III (methyl chloroform) (average 1998-2000)		0.0
Annex C, Group I (HCFCs) (average 2009-2010)		24.9
Annex E (methyl bromide) (average 1995-1998)		2.6
Latest reported ODS consumption (2019) (ODP tonnes) as per Article 7:		
Annex B, Group III (methyl chloroform)		0.00
Annex C, Group I (HCFCs)		9.63
Annex E, (methyl bromide)		0.00
	<b>Total:</b>	<b>9.63</b>
Year of reported country programme implementation data:		2020
Amount approved for projects (as at December 2020) (US \$):		2,255,900
Amount disbursed (as at December 2019) (US \$):		1,875,471
ODS to be phased out (as at December 2020) (ODP tonnes):		49.1
ODS phased out (as at December 2019) (ODP tonnes):		36.8

75.

<b>Summary of activities</b>	<b>Funds approved (US \$)</b>
(a) Investment projects:	385,000
(b) Institutional strengthening:	543,500
(c) Project preparation, technical assistance, training and other non-investment projects:	1,327,400
	<b>Total:</b>
	2,255,900
(d) HFC activities funded from additional voluntary contributions	150,000

Progress report

76. During phase VIII, the NOU collected 2019 and 2020 HCFC import data from the Customs department and submitted data under the country programme report and under Article 7 of the Montreal

Protocol to the Multilateral Fund and Ozone Secretariats, respectively; held meetings with the National Ozone Committee, with the refrigeration association and the importers; supervised training of 217 RAC technicians, and 70 enforcement officers; implemented the enabling activities project for the HFC phase-down to facilitate ratification of Kigali Amendment and help fulfil initial obligations on the HFC phase-down; conducted awareness activities including the dissemination of information to consumers and importers on the availability of HCFC alternatives, information on ODS regulations and decisions related to the Montreal Protocol; organized International Ozone Day celebration; and participated in Montreal Protocol related meetings. The country fully achieved 17 out of 21 performance indicators, 2 indicators were not achieved, and 2 were partially achieved.

#### Plan of action

77. In phase IX, the NOU plans continuing information dissemination and awareness raising on Montreal Protocol matters, HCFC phase-out and HFC phase-down; coordinating the implementation of stage I of the HPMP and submitting stage II at the 89th meeting; promoting the HCFC licensing and quota system and its enforcement; providing information about annual quota to importers; implementing the technician certification programme; organizing annual stakeholder workshops to raise awareness on low-GWP HCFC alternatives; finalizing the ratification of the Kigali Amendment and completing the enabling activities project for the HFC phase-down; and collection and timely reporting of data to the Ozone and Multilateral Fund Secretariats.

#### **Mauritius: Renewal of institutional strengthening**

<b>Summary of the project and country profile</b>		
Implementing agency:		UNEP
Amounts previously approved for institutional strengthening (US \$):		
Phase I:	Jun-93	50,000
Phase II:	Apr-05	60,000
Phase III:	Nov-07	60,000
Phase IV:	Nov-14	60,000
Phase V:	Dec-16	85,000
Phase VI:	Dec-19	85,000
	Total:	400,000
Amount requested for renewal (phase VII) (US \$):		85,000
Amount recommended for approval for phase VII (US \$):		85,000
Agency support costs (US \$):		0
Total cost of institutional strengthening phase VII to the Multilateral Fund (US \$):		85,000
Date of approval of country programme:		1993
Date of approval of HCFC phase-out management plan:		2011
Baseline consumption of controlled substances (ODP tonnes):		
Annex B, Group III (methyl chloroform) (average 1998-2000)		0.1
Annex C, Group I (HCFCs) (average 2009-2010)		8.0
Annex E, (methyl bromide) (average 1995-1998)		0.1
Latest reported ODS consumption (2020) (ODP tonnes) as per Article 7:		
Annex B, Group III (methyl chloroform)		0.00
Annex C, Group I (HCFCs)		2.03
Annex E (methyl bromide)		0.00
	Total:	2.03
Year of reported country programme implementation data:		2019
Amount approved for projects (as at December 2020) (US \$):		2,783,515
Amount disbursed (as at December 2019) (US \$):		1,904,752
ODS to be phased out (as at May 2019) (ODP tonnes):		60.8
ODS phased out (as at December 2019) (ODP tonnes):		59.8

78.



Summary of activities	Funds approved (US \$)
(a) Investment projects:	1,557,788
(b) Institutional strengthening:	400,000
(c) Project preparation, technical assistance, training and other non-investment projects:	825,727
Total:	2,783,515
(d) HFC activities funded from additional voluntary contributions	0

### Progress report

79. During the phase VI, the NOU implemented ODS regulations through the enforcement of licensing and quota system for HCFCs; established HFCs licensing system and implemented the enabling activities project for HFC phase-down; embarked on an awareness programme; trained customs officers and refrigeration technicians; celebrated International Ozone Day and participated in Montreal Protocol related meetings; and reported consumption data to the Fund and Ozone Secretariats. The country fully achieved 12 out of 16 performance indicators. Due to the effects of the COVID 19 pandemic, 3 indicators were partially achieved, and 1 not achieved; the NOU will ensure achievement of these indicators by the end of December 2021.

### Plan of action

80. In phase VII, the NOU will continue the training programme for technicians in the refrigeration sector and customs officers to support the implementation and enforcement of HCFCs and HFCs control measures; complete the enabling activities project for HFC phase-down and develop regulations on safe handling of natural refrigerants; timely data reporting to the Fund and Ozone Secretariats; and continue the awareness-raising programme through mass media, and distribution of materials.

### **Mongolia: Renewal of institutional strengthening**

Summary of the project and country profile	
Implementing agency:	UNEP
Amounts previously approved for institutional strengthening (US \$):	
Phase I:	Jul-99 66,000
Phase II:	Mar-02 57,200
Phase III:	Jul-04 57,200
Phase IV:	Nov-06 60,000
Phase V:	Jul-08 60,000
Phase VI:	Apr-10 42,500
Phase VII:	Jul-11 60,000
Phase VIII:	Jul-13 60,000
Phase IX:	May-15 60,000
Phase X:	Jul-17 85,000
Phase XI:	May-19 85,000
Total	692,900
Amount requested for renewal (phase XII) (US \$):	85,000
Amount recommended for approval for phase XII (US \$):	85,000
Agency support costs (US \$):	0
Total cost of institutional strengthening phase XII to the Multilateral Fund (US \$):	85,000
Date of approval of country programme:	1999
Date of approval of HCFC phase-out management plan (stage I):	2011
Baseline consumption of controlled substances (ODP tonnes):	
Annex B, Group III (methyl chloroform) (average 1998-2000)	0.0
Annex C, Group I (HCFCs) (average 2009-2010)	1.4

<b>Summary of the project and country profile</b>	
Annex E, (methyl bromide) (average 1995-1998)	0.0
Latest reported ODS consumption (2019) (ODP tonnes) as per Article 7:	
Annex B, Group III (methyl chloroform)	0.00
Annex C, Group I (HCFCs)	0.74
Annex E, (methyl bromide)	0.00
Total:	0.74
Year of reported country programme implementation data:	2020
Amount approved for projects (as at December 2020) (US \$):	2,200,570
Amount disbursed (as at December 2019) (US \$):	1,688,802
ODS to be phased out (as at December 2020) (ODP tonnes):	13.3
ODS phased out (as at December 2019) (ODP tonnes):	12.9

81.

<b>Summary of activities</b>	<b>Funds approved (US \$)</b>
(a) Investment projects:	445,000
(b) Institutional strengthening:	692,900
(c) Project preparation, technical assistance, training and other non-investment projects:	1,062,670
Total:	2,200,570
(d) HFC activities funded from additional voluntary contributions	95,000

Progress report

82. During phase XI, the National Ozone Authority (NOA) organized awareness-raising activities on recent developments of the Montreal Protocol, such as Kigali Amendment, introduction of low-GWP technologies and their effect on climate change. Mongolia continued submitting country programme data, data under Article 7 of the Montreal Protocol. Despite the pandemic situation, the NOA organized a number of virtual workshops and awareness raising activities, including the celebration of the World Ozone Day. The NOA also finalized the implementation of the enabling activities project for HFC phase down, and submitted stage II of the HPMP which was approved. Out of 21 performance indicators, 18 were fully achieved and 3 were partially achieved.

Plan of action

83. During phase XII, through the planned quota and licensing system and enforcement activities, the NOA will continue submitting its consumption data to the Fund and Ozone Secretariats; guiding the introduction of new zero-ODP and low-GWP alternatives under the HCFC phase out management plan with engagement of the private sector; and further extend and strengthen cooperation with Mongolian customs organization, relevant Ministries, Agencies and Industry Associations. The NOA will continue conducting training in good practices and awareness activities for HCFC phase-out, HFC phase-down and introduction of alternative substances. The NOA will also promote gender equality and women's empowerment through planned activities, as applicable.

**Niue: Renewal of institutional strengthening**

<b>Summary of the project and country profile</b>	
Implementing agency:	UNEP
Amounts previously approved for institutional strengthening (US \$):	
Phase I:	Dec-04 & Nov-06
Phase II:	Nov-07
Phase III:	Nov-09
Phase IV:	Jul-11
	30,000
	60,000
	60,000
	60,000

<b>Summary of the project and country profile</b>			
	Phase V:	Jul-13	60,000
	Phase VI:	Nov-15	85,000
	Phase VII:	Dec-18	85,000
		Total:	440,000
Amount requested for renewal (phase VIII) (US \$):			85,000
Amount recommended for approval for phase VIII (US \$):			85,000
Agency support costs (US \$):			0
Total cost of institutional strengthening phase VIII to the Multilateral Fund (US \$):			85,000
Date of approval of country programme:			2004
Date of approval of HCFC phase-out management plan:			2011
Baseline consumption of controlled substances (ODP tonnes):			
Annex B, Group III (methyl chloroform) (average 1998-2000)			0.0
Annex C, Group I (HCFCs) (average 2009-2010)			0.0
Annex E (methyl bromide) (average 1995-1998)			0.0
Latest reported ODS consumption (2019) (ODP tonnes) as per Article 7:			
Annex B, Group III (methyl chloroform)			0.0
Annex C, Group I (HCFCs)			0.0
Annex E (methyl bromide)			0.0
			Total:
			0.0
Year of reported country programme implementation data:			2020
Amount approved for projects (as at December 2020) (US \$):			696,200
Amount disbursed (as at December 2019) (US \$):			467,937
ODS to be phased out (as at December 2020) (ODP tonnes):			0
ODS phased out (as at December 2019) (ODP tonnes):			0

84.

<b>Summary of activities</b>	<b>Funds approved (US \$)</b>
(a) Investment projects:	0
(b) Institutional strengthening:	440,000
(c) Project preparation, technical assistance, training and other non-investment projects:	256,200
	Total
	: 696,200
(d) HFC activities funded from additional voluntary contributions	50,000

#### Progress report

85. During phase VII, the NOU, with customs authority and port control authority, conducted inspection on all imports of RAC equipment and refrigerants; complied with data reporting obligations to the Ozone and the Fund Secretariats; and organized the World Ozone Day with the assistance of the Steering Committee; established the HFC licensing system; and promoted gender mainstreaming into the implementation of the Montreal Protocol activities through providing women and men with equal opportunities to benefit from the projects such as participating in the awareness programmes, being members of the Steering Committee and effectively contributing to the planning and implementation of the Montreal Protocol projects. Of the 16 performance indicators, 12 indicators were fully achieved, 2 partially achieved and 2 not achieved.

#### Plan of action

86. The planned activities for phase VIII include implementing the new licensing system for HFCs under the amended regulation and issuing import license of HCFCs in accordance with stage II of the HPMP; conducting joint inspections with the Customs Department and importers for verification of imported equipment and refrigerants and quarterly data reconciliation of trade statistics of controlled substances and implementing the Pacific Harmonized Commodity Description and Coding System 2022 (PACHS22), which assigns the individual HS code for HFCs and blends; engaging the National Steering Committee in the planning and implementation of Montreal Protocol obligations; completing stage I of the HPMP and coordinating activities for stage II; delivering information on HCFC phase-out and HFC phase-down and coordinating World Ozone Day celebrations; participating in Montreal Protocol related meetings; preparing and submitting data under Article 7 of the Montreal Protocol and under country programme report in a timely manner; and integrating gender mainstreaming into the work related to the implementation of the Montreal Protocol.

**Palau: Renewal of institutional strengthening**

<b>Summary of the project and country profile</b>		
Implementing agency:		UNEP
Amounts previously approved for institutional strengthening (US \$):		
Phase I:	Mar-02 Jul-06 and Nov-07	34,000
Phase II:	Nov-09 and Apr-10	41,333
Phase III:	Jul-11	60,000
Phase IV:	Jul-13	60,000
Phase V:	Jul-13	60,000
Phase VI:	Jul-13	60,000
Phase VII:	Nov-17	85,000
Phase VIII:	May-19	85,000
	<b>Total:</b>	<b>485,333</b>
Amount requested for renewal (phase IX) (US \$):		85,000
Amount recommended for approval for phase IX (US \$):		85,000
Agency support costs (US \$):		0
Total cost of institutional strengthening phase IX to the Multilateral Fund (US \$):		85,000
Date of approval of country programme:		2002
Date of approval of HCFC phase-out management plan (stage I):		2011
Baseline consumption of controlled substances (ODP tonnes):		
Annex B, Group III (methyl chloroform) (average 1998-2000)		0.0
Annex C, Group I (HCFCs) (average 2009-2010)		0.2
Annex E, (methyl bromide) (average 1995-1998)		0.0
Latest reported ODS consumption (2019) (ODP tonnes) as per Article 7:		
Annex B, Group III (methyl chloroform)		0.00
Annex C, Group I (HCFCs)		0.01
Annex E, (methyl bromide)		0.00
<b>Total:</b>		<b>0.01</b>
Year of reported country programme implementation data:		2020
Amount approved for projects (as at December 2020) (US \$):		946,333
Amount disbursed (as at December 2019) (US \$):		621,411
ODS to be phased out (as at December 2020) (ODP tonnes):		1.48
ODS phased out (as at December 2019) (ODP tonnes):		0

87.

<b>Summary of activities</b>	<b>Funds</b>
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	<b>approved (US \$)</b>
(a) Investment projects:	0
(b) Institutional strengthening:	485,333
(c) Project preparation, technical assistance, training and other non-investment projects:	461,000
Total	946,333
:	
(d) HFC activities funded from additional voluntary contributions	50,000

### Progress report

88. Under phase VIII, the NOU maintained the enforcement of HCFC licensing and quota system, banning the import of HCFC-based equipment and commencing the HFC licensing system; and engaged the National Steering Committee and national stakeholders in project implementation; continued to implement the Single Window System to further strengthen the enforcement of the licensing system and monitor trade data of HCFCs and HFCs; and promoted gender-friendly working environments through providing women and men with equal opportunities to benefit from the projects such as participating in the awareness programmes, being members of the Steering Committee and contributing to the planning and implementation of the Montreal Protocol projects. Of the 19 performance indicators proposed for this phase, 11 were rated as fully achieved, 7 as partially achieved and 1 as not achieved.

### Plan of action

89. Phase IX includes continuing to implement the licensing system for HCFCs and HFCs and import ban on HCFC-based equipment; implementing the Pacific Harmonized Commodity Description and Coding System 2022 (PACHS22), which assigns the individual HS code for HFCs and blends; engaging the Steering Committee and the RAC Association in the planning and implementation of Montreal Protocol obligations; coordinating activities for stage I and stage II of the HPMP; conducting public awareness on the HCFC phase-out and HFC phase-down and dissemination information to stakeholders, and coordinating the World Ozone Day; participation in Montreal Protocol related meetings; preparation and timely submission of data under Article 7 of the Montreal Protocol and under the country programme implementation; and integration of gender mainstreaming into all aspects of Multilateral Fund projects and activities.

### **Philippines (the): Renewal of institutional strengthening**

<b>Summary of the project and country profile</b>			
Implementing agency:			UNEP
Amounts previously approved for institutional strengthening (US \$):			
Phase I:	Mar-93		209,000
Phase II:	Jul-99		139,333
Phase III:	Mar-02		181,133
	Apr-04 and Apr-05		181,133
Phase IV:			
Phase V:	Apr-06		181,133
Phase VI:	Apr-08		181,133
	Apr-10 and Nov-11		222,962
Phase VII:			
Phase VIII:	Jul-11		181,133
Phase IX:	Jul-13		181,133
Phase X:	May-15		181,133

<b>Summary of the project and country profile</b>			
	Phase XI:	Jul-17	231,850
	Phase XII:	May-19	231,850
		Total:	2,302,926
Amount requested for renewal (phase XIII) (US \$):			231,850
Amount recommended for approval for phase XIII (US \$):			231,850
Agency support costs (US \$):			0
Total cost of institutional strengthening phase XIII to the Multilateral Fund (US \$):			231,850
Date of approval of country programme:			1993
Date of approval of HCFC phase-out management plan (stage I):			2012
Date of approval of HCFC phase-out management plan (stage II):			2017
Baseline consumption of controlled substances (ODP tonnes):			
Annex B, Group III (methyl chloroform) (average 1998-2000)			0.0
Annex C, Group I (HCFCs) (average 2009-2010)			162.0
Annex E, (methyl bromide) (average 1995-1998)			10.3
Latest reported ODS consumption (2019) (ODP tonnes) as per Article 7:			
Annex B, Group III (methyl chloroform)			0.00
Annex C, Group I (HCFCs)			103.75
Annex E, (methyl bromide)			0.00
Total:			103.75
Year of reported country programme implementation data:			2020
Amount approved for projects (as at December 2020) (US \$):			43,549,259
Amount disbursed (as at December 2019) (US \$):			33,624,334
ODS to be phased out (as at December 2020) (ODP tonnes):			3,772.7
ODS phased out (as at December 2019) (ODP tonnes):			3,765.7

90.

<b>Summary of activities</b>	<b>Funds approved (US \$)</b>
(a) Investment projects:	32,835,789
(b) Institutional strengthening:	2,302,926
(c) Project preparation, technical assistance, training and other non-investment projects:	8,410,544
Total	43,549,259
:	
(d) HFC activities funded from additional voluntary contributions	250,000

#### Progress report

91. During phase XII, the NOU continued to provide support for to the Government on the implementation and enforcement of the licensing for the importation of ODS and alternatives, and allocation of quotas for HCFC imports; data monitoring and reporting on country programme implementation and Article 7 data of the Montreal Protocol to the Fund Secretariat and the Ozone Secretariat, respectively; monitoring illegal trade of ODS and HFCs; coordinating the implementation of stage II of the HPMP and enabling activities for HFC phase-down; conducting public awareness activities; and participating in ozone related meetings; To overcome the challenges brought by the COVID-19 pandemic, the NOU held planned meetings, seminars and training activities with partners and stakeholders online, and data verification, surveys, monitoring and inspections activities were conducted virtually. Out of the 15 performance indicators proposed, 12 were fully achieved and 3 were partially achieved.

Plan of action

92. Phase XIII activities will include surveillance, monitoring and inspection activities focused on ODS importers, dealers and end-users; technical assistance to the Environmental Management Bureau regional units; continued monitoring of the progress of HPMP activities; working towards the ratification and implementation of the Kigali Amendment; submission of Article 7 and country programme data reports; continued raising awareness of the Montreal Protocol through mass media; and engagement in meetings, workshops and events supporting the work of the Montreal Protocol. Gender will also be mainstreamed throughout the implementation of phase XIII.

**Republic of Moldova: Renewal of institutional strengthening**

<b>Summary of the project and country profile</b>		
Implementing agency:		UNEP
Amounts previously approved for institutional strengthening (US \$):		
	Phase I: Jul-98	80,000
	Phase II: Mar-02	69,334
	Phase III: Jul-04	69,334
	Phase IV: Apr-06	69,334
	Phase V: Apr-08	69,334
	Phase VI: Jul-10	69,334
	Phase VII: Jul-12	69,334
	Phase VIII: May-14	69,334
	Phase IX: Dec-16	88,748
	Phase X: Dec-18	88,748
	Total:	742,834
Amount requested for renewal (phase XI) (US \$):		88,748
Amount recommended for approval for phase XI (US \$):		88,748
Agency support costs (US \$):		0
Total cost of institutional strengthening phase XI to the Multilateral Fund (US \$):		88,748
Date of approval of country programme:		1998
Date of approval of HCFC phase-out management plan:		2011
Baseline consumption of controlled substances (ODP tonnes):		
Annex B, Group III (methyl chloroform) (average 1998-2000)		0.0
Annex C, Group I (HCFCs) (average 2009-2010)		1.0
Annex E (methyl bromide) (average 1995-1998)		7.0
Latest reported ODS consumption (2019 ) (ODP tonnes) as per Article 7:		
Annex B, Group III (methyl chloroform)		0.00
Annex C, Group I (HCFCs)		0.53
Annex E (methyl bromide)		0.00
Total:		0.53
Year of reported country programme implementation data:		2020
Amount approved for projects (as at December 2020) (US \$):		2,575,414
Amount disbursed (as at December 2019) (US \$):		2,187,120
ODS to be phased out (as at December 2020) (ODP tonnes):		94.5
ODS phased out (as at December 2019) (ODP tonnes):		94.4

93.

<b>Summary of activities</b>	<b>Funds approved (US \$)</b>
(a) Investment projects:	515,300
(b) Institutional strengthening:	742,834
(c) Project preparation, technical assistance, training and other non-investment projects:	1,317,280
Total:	2,575,414
(d) HFC activities funded from additional voluntary contributions	0

Progress report

94. During phase X, the Montreal Protocol Unit (MPU) assisted in the update of legislation to strengthen the HCFC import/export licensing and quota systems, the preparation and approval of the HCFC phase-out plan for 2016-2040; reported data under Article 7 of the Montreal Protocol and under the country programme to the Ozone and Fund Secretariats, respectively; and enforced the allocation of quotas for HCFCs imports. The code of good practice for the RAC technicians was produced and distributed to RAC technicians through the Public Association of Refrigeration Technicians; an updated Handbook for Customs Officers (2nd edition) was produced and provided to the Customs Service Training Centre; several meetings of the Steering Committee and with the industry association took place; and training workshops for customs officers and refrigeration technicians were conducted. Of the 24 performance indicators proposed for the phase, 20 were fully achieved and 4 were partially achieved.

Plan of action

95. During phase XI, the MPU will continue implementing activities of stage II and stage III of the HPMP; continue reporting data to the Fund and Ozone Secretariats; focus on the implementation of the enabling activities project for HFC phase-down to facilitate the ratification of the Kigali Amendment and the preparation of the HFC phase-down project; continue updating the training materials for refrigeration technician and customs officers; implement public awareness-raising related to the protection of the ozone layer and climate change, including activities to mark World Refrigeration Day and World Ozone Day; cooperate with the national RAC Association to strengthen the Technical University of Moldova and Technological College.

**Rwanda: Renewal of institutional strengthening**

<b>Summary of the project and country profile</b>		
Implementing agency:		UNEP
Amounts previously approved for institutional strengthening (US \$):		
Phase I:	Mar-02 & Dec-03	86,600
Phase II:	Nov-06	60,000
Phase III:	Apr-09	60,000
Phase IV:	Jul-11	60,000
Phase V:	Jul-13	60,000
Phase VI:	Nov-15	85,000
Phase VII:	Nov-17	85,000
Phase VIII:	Dec-19	85,000
Total:		581,600
Amount requested for renewal (phase IX) (US \$):		85,000
Amount recommended for approval for phase IX (US \$):		85,000
Agency support costs (US \$):		0
Total cost of institutional strengthening phase IX to the Multilateral Fund (US \$):		85,000
Date of approval of country programme:		2003
Date of approval of HCFC phase-out management plan:		2011
Baseline consumption of controlled substances (ODP tonnes):		
Annex B, Group III (methyl chloroform) (average 1998-2000)		0.0
Annex C, Group I (HCFCs) (average 2009-2010)		4.1
Annex E (methyl bromide) (average 1995-1998)		0.0
Latest reported ODS consumption (2019) (ODP tonnes) as per Article 7:		
Annex B, Group III (methyl chloroform)		0.00
Annex C, Group I (HCFCs)		1.89
Annex E (methyl bromide)		0.00
Total:		1.89
Year of reported country programme implementation data:		2019



<b>Summary of the project and country profile</b>	
Amount approved for projects (as at December 2020) (US \$):	1,985,358
Amount disbursed (as at December 2019) (US \$):	1,440,371
ODS to be phased out (as at December 2020) (ODP tonnes):	32.3
ODS phased out (as at December 2019) (ODP tonnes):	28.5

96.

<b>Summary of activities</b>	<b>Funds approved (US \$)</b>
(a) Investment projects:	348,000
(b) Institutional strengthening:	581,600
(c) Project preparation, technical assistance, training and other non-investment projects:	1,055,758
Total:	1,985,358
(d) HFC activities funded from additional voluntary contributions	95,000

Progress report

97. During phase VIII, the NOU enforced the HCFC licensing and quota system; trained customs and enforcement officers; implemented enabling activities for HFC phase-down and revised regulations to include HFCs in the licensing system; compiled and reported ODS consumption for 2019 and 2020 to the Fund and the Ozone Secretariats; and celebrated the International Ozone Day in 2020. All 17 performance indicators of phase VIII were fully achieved.

Plan of action

98. During phase IX, the NOU will continue to monitor programme activities under stage II of the HPMP, continue the enforcement of regulations on controlled substances under the Montreal Protocol, will carry out training of stakeholders engaged in the phase-out process, and carry out public awareness activities through workshop, promotional materials, and celebration of International Ozone Day.

**Samoa: Renewal of institutional strengthening**

<b>Summary of the project and country profile</b>		
Implementing agency:		UNEP
Amounts previously approved for institutional strengthening (US \$):		
Phase I:	May-97	30,000
Phase II:	Apr-03	26,000
Phase III:	Nov-05	60,000
Phase IV:	Nov-07	60,000
Phase V:	Jul-09 and Jul-10	60,000
Phase VI:	Jul-11	60,000
Phase VII:	Jul-13	60,000
Phase VIII:	May-15	60,000
Phase IX:	Nov-17	85,000
Phase X:	May-19	85,000
	Total:	586,000
Amount requested for renewal (phase XI) (US \$):		85,000
Amount recommended for approval for phase XI (US \$):		85,000
Agency support costs (US \$):		0
Total cost of institutional strengthening phase XI to the Multilateral Fund (US \$):		85,000
Date of approval of country programme:		1997
Date of approval of HCFC phase-out management plan (stage I):		2011
Baseline consumption of controlled substances (ODP tonnes):		

<b>Summary of the project and country profile</b>	
Annex B, Group III (methyl chloroform) (average 1998-2000)	0.0
Annex C, Group I (HCFCs) (average 2009-2010)	0.3
Annex E, (methyl bromide) (average 1995-1998)	0.0
Latest reported ODS consumption (2019) (ODP tonnes) as per Article 7:	
Annex B, Group III (methyl chloroform)	0.00
Annex C, Group I (HCFCs)	0.01
Annex E, (methyl bromide)	0.00
Total:	0.01
Year of reported country programme implementation data:	2020
Amount approved for projects (as at December 2020) (US \$):	1,367,750
Amount disbursed (as at December 2019) (US \$):	998,479
ODS to be phased out (as at December 2020) (ODP tonnes):	4.1
ODS phased out (as at December 2019) (ODP tonnes):	3.8

99.

<b>Summary of activities</b>	<b>Funds approved (US \$)</b>
(a) Investment projects:	75,000
(b) Institutional strengthening:	586,000
(c) Project preparation, technical assistance, training and other non-investment projects:	706,750
Total:	1,367,750
(d) HFC activities funded from additional voluntary contributions	50,000

### Progress report

100. During phase X, the NOU established working mechanisms with public and private sector stakeholders and developed an institutional approach for implementation of Montreal Protocol activities. Meetings of the National Ozone Steering Committee and Stakeholder Committee took place to share knowledge and of project activities and enhance linkages with the NOU's activities. The country fulfilled its data reporting obligations to the Ozone Secretariat and Multilateral Fund Secretariats. Compliance was sustained through legislative measures, the HCFC licensing and quota system, monitoring of ODS import, capacity building, involvement of the Steering Committee and the Refrigeration and Air-conditioning Association of Samoa, and public awareness-raising activities. Of the 19 performance indicators, 14 were fully achieved, 4 partially achieved and 1 not achieved. The NOU aims to effectively carry out the remaining activities by the project completion date.

### Plan of action

101. Phase XI will include enforcing the Meteorology, Geoscience and Ozone Bill and amended Ozone Layer Protection Regulations and implementing the new licensing system for HCFC, HFC and all other refrigerants; adoption of the Pacific Harmonized Commodity Description and Coding System 2022 (PACHS22) to have individual HS code for HFCs and blends; timely submission of data under Article 7 of the Montreal Protocol and under the country programme implementation report; engagement of the National Ozone Committee and the RAC Association in the implementation of Montreal Protocol; coordination with stakeholders for the implementation of the HPMP; organization of the World Ozone Day celebrations and development of awareness materials; and participation in meetings related to the Montreal Protocol. Gender mainstreaming will be considered in all aspects of Multilateral Fund projects and activities.

### **Sao Tome and Principe: Renewal of institutional strengthening**

<b>Summary of the project and country profile</b>		
Implementing agency:		UNEP
Amounts previously approved for institutional strengthening (US \$):		
Phase I:	Nov-02	30,000
Phase II:	Dec-04 & Nov-06	100,666
Phase III:	Apr-11	60,666
Phase IV:	Dec-13	60,666
Phase V:	May-16	85,000
Phase VI:	Dec-18	85,000
	Total:	421,998
Amount requested for renewal (phase VII) (US \$):		85,000
Amount recommended for approval for phase VII (US \$):		85,000
Agency support costs (US \$):		0
Total cost of institutional strengthening phase VII to the Multilateral Fund (US \$):		85,000
Date of approval of country programme:		2004
Date of approval of HCFC phase-out management plan:		2011
Baseline consumption of controlled substances (ODP tonnes):		
Annex B, Group III (methyl chloroform) (average 1998-2000)		0.0
Annex C, Group I (HCFCs) (average 2009-2010)		2.2
Annex E (methyl bromide) (average 1995-1998)		0.0
Latest reported ODS consumption (2020) (ODP tonnes) as per Article 7:		
Annex B, Group III (methyl chloroform)		0.00
Annex C, Group I (HCFCs)		0.06
Annex E (methyl bromide)		0.00
	Total:	0.06
Year of reported country programme implementation data:		2020
Amount approved for projects (as at December 2020) (US \$):		1,426,998
Amount disbursed (as at December 2019) (US \$):		1,133,794
ODS to be phased out (as at December 2020) (ODP tonnes):		4.8
ODS phased out (as at December 2019) (ODP tonnes):		2.5

102.

<b>Summary of activities</b>	<b>Funds approved (US \$)</b>
(a) Investment projects:	115,000
(b) Institutional strengthening:	421,998
(c) Project preparation, technical assistance, training and other non-investment projects:	890,000
	Total:
	1,426,998
(d) HFC activities funded from additional voluntary contributions	95,000

### Progress report

103. During phase VI, the NOU collected 2018 and 2019 HCFC import data from the Customs department and submitted data under the country programme and under Article 7 of the Montreal Protocol to the Multilateral Fund and Ozone Secretariats, respectively; held meetings with the National Ozone Committee, and with importers and refrigeration technicians to discuss HCFC demand; supervised training of 121 RAC technicians and 46 customs and enforcement officers; implemented awareness-raising activities including dissemination of information on HCFC phase-out and HCFC alternatives, ODS regulations and Montreal Protocol developments; organized International Ozone Day celebration; and participated in Montreal Protocol related meetings. The Government of Sao Tome and Principe ratified the Kigali Amendment on 4 October 2019, and undertook activities that would help the country to fulfil its

initial obligations with regard to HFC phase-down. The country fully achieved 18 out of 20 performance indicators, 1 indicator was partially achieved and 1 indicator was not achieved.

### Plan of action

104. In phase VII, the NOU will continue with enforcement of the HCFC licensing and quota system; completion of stage I of the HPMP and prepare stage II; implementation of information dissemination and awareness-raising activities and information distribution about the annual quota to importers; training of customs and enforcement officers on illegal ODS trade and data collection; meetings with the National Ozone Committee, importers and refrigeration technicians; and the collection and timely reporting of HCFC import data to the Ozone and the Fund Secretariats.

### **Somalia: Renewal of institutional strengthening**

<b>Summary of the project and country profile</b>		
Implementing agency:		UNEP
Amounts previously approved for institutional strengthening (US \$):		
	Mar-02 and Dec-04 and Nov-09 and Apr-10	
Phase I:		112,000
Phase II:	Dec-12	60,000
Phase III:	Dec-16	85,000
Phase IV:	May-19	85,000
	Total:	342,000
Amount requested for renewal (phase V) (US \$):		85,000
Amount recommended for approval for phase V (US \$):		85,000
Agency support costs (US \$):		0
Total cost of institutional strengthening phase V to the Multilateral Fund (US \$):		85,000
Date of approval of country programme:		2009
Date of approval of HCFC phase-out management plan (stage I):		2012
Baseline consumption of controlled substances (ODP tonnes):		
Annex B, Group III (methyl chloroform) (average 1998-2000)		0.0
Annex C, Group I (HCFCs) (average 2009-2010)		45.1
Annex E, (methyl bromide) (average 1995-1998)		0.5
Latest reported ODS consumption (2019) (ODP tonnes) as per Article 7:		
Annex B, Group III (methyl chloroform)		0.00
Annex C, Group I (HCFCs)		13.04
Annex E, (methyl bromide)		0.00
	Total:	13.04
Year of reported country programme implementation data:		2019
Amount approved for projects (as at December 2020) (US \$):		1,012,374
Amount disbursed (as at December 2019) (US \$):		703,624
ODS to be phased out (as at December 2020) (ODP tonnes):		1.8
ODS phased out (as at December 2019) (ODP tonnes):		1.8

Summary of activities	Funds approved (US \$)
(a) Investment projects:	275,000
(b) Institutional strengthening:	342,000
(c) Project preparation, technical assistance, training and other non-investment projects:	395,374
Total:	1,012,374
(d) HFC activities funded from additional voluntary contributions	150,000

### Progress report

105. During phase IV, the NOU enforced the ODS regulations through the implementation of HCFC licensing and quota system, and embarked upon an awareness programme, trained 34 customs officers and 70 refrigeration trainer technicians; and consumption data was reported to the Fund and Ozone Secretariats. The country has ratified the Kigali Amendment and commenced implementation of the enabling activities project for HFC phase-down. The IS project was implemented with a gender-responsive approach, where women were engaged. The country fully achieved 13 out of 16 performance indicators and 3 were partially achieved.

### Plan of action

106. Activities in phase V include stakeholders' workshops, strategic public awareness activities through promotional materials and the celebration of International Ozone Day; implementation and monitoring of activities under stage I of the HPMP, including the training of technicians and customs officers, and preparation of the strategy for stage II; finalization of the enabling activities project for HFC phase-down; timely data collection and reporting to the Fund and Ozone and Secretariats; and continued empowering of women by giving them significant roles during implementation of the HPMP.

### **Togo: Renewal of institutional strengthening**

Summary of the project and country profile	
Implementing agency:	UNEP
Amounts previously approved for institutional strengthening (US \$):	
Phase I:	Nov-97 70,000
Phase II:	Jul-02 60,667
Phase III:	Dec-04 60,667
Phase IV:	Nov-06 60,666
Phase V:	Nov-08 60,666
Phase VI:	Dec-10 60,666
Phase VII:	Dec-12 60,666
Phase VIII:	Nov-14 60,666
Phase IX:	Dec-16 85,000
Phase X:	Dec-18 85,000
Total:	664,664
Amount requested for renewal (phase XI) (US \$):	85,000
Amount recommended for approval for phase XI (US \$):	85,000
Agency support costs (US \$):	0
Total cost of institutional strengthening phase XI to the Multilateral Fund (US \$):	85,000
Date of approval of country programme:	1995
Date of approval of HCFC phase-out management plan:	2010
Baseline consumption of controlled substances (ODP tonnes):	
Annex B, Group III (methyl chloroform) (average 1998-2000)	0.0
Annex C, Group I (HCFCs) (average 2009-2010)	20.0
Annex E (methyl bromide) (average 1995-1998)	0.0

<b>Summary of the project and country profile</b>	
Latest reported ODS consumption (2020) (ODP tonnes) as per Article 7: Annex B, Group III (methyl chloroform) Annex C, Group I (HCFCs) Annex E (methyl bromide)	0.0 10.88 0.0 Total: 10.88
Year of reported country programme implementation data:	2020
Amount approved for projects (as at December 2020) (US \$):	2,425,164
Amount disbursed (as at December 2019) (US \$):	1,923,563
ODS to be phased out (as at December 2020) (ODP tonnes):	46.7
ODS phased out (as at December 2019) (ODP tonnes):	40.9

107.

<b>Summary of activities</b>	<b>Funds approved (US \$)</b>
(a) Investment projects:	507,000
(b) Institutional strengthening:	664,664
(c) Project preparation, technical assistance, training and other non-investment projects:	1,253,500
Total	2,425,164
(d) HFC activities funded from additional voluntary contributions	150,000

Progress report

108. During phase X, the NOU collected 2019 HCFC import data from the Customs Department and submitted data under the country programme and under Article 7 of the Montreal Protocol to the Fund and Ozone Secretariats, respectively; held meetings with the National Ozone Committee to coordinate with other stakeholders, and with the refrigeration association and importers; supervised the training of 175 RAC technicians who then trained 320 peers in workshops, and 45 enforcement officers; implemented awareness-raising activities including the dissemination of information on the availability of HCFC alternatives, on ODS regulations and Montreal Protocol related decisions; organized International Ozone Day celebration; and participated in Montreal Protocol related meetings. Togo fully achieved 18 out of 20 performance indicators, and 2 indicators were partially achieved.

Plan of action

109. In phase XI, the NOU plans the following activities: continued information dissemination and awareness-raising; coordinating the implementation of stage I of the HPMP; promote the licensing and quota system and its enforcement, and provide information about annual quota to importers; put in place the technician certification programme; organize stakeholder workshops to raise awareness on low GWP HCFC alternatives; and collection and timely reporting of data to the Ozone and Fund Secretariats.

**Tonga: Renewal of institutional strengthening**

<b>Summary of the project and country profile</b>	
Implementing agency:	UNEP
Amounts previously approved for institutional strengthening (US \$):	
Phase I: Mar-02	19,700
Phase II: Jul-06 and Nov-07	36,566
Phase III: Nov-09 and Apr-10	60,000
Phase IV: Jul-11	60,000
Phase V: Jul-13	60,000
Phase VI: May-15	60,000

<b>Summary of the project and country profile</b>			
	Phase VII:	Nov-17	85,000
	Phase VIII:	May-19	85,000
		Total:	466,266
Amount requested for renewal (phase IX) (US \$):			85,000
Amount recommended for approval for phase IX (US \$):			85,000
Agency support costs (US \$):			0
Total cost of institutional strengthening phase IX to the Multilateral Fund (US \$):			85,000
Date of approval of country programme:			2002
Date of approval of HCFC phase-out management plan (stage I):			2011
Baseline consumption of controlled substances (ODP tonnes):			
Annex B, Group III (methyl chloroform) (average 1998-2000)			0.0
Annex C, Group I (HCFCs) (average 2009-2010)			0.1
Annex E, (methyl bromide) (average 1995-1998)			0.2
Latest reported ODS consumption (2019) (ODP tonnes) as per Article 7:			
Annex B, Group III (methyl chloroform)			0.00
Annex C, Group I (HCFCs)			0.00
Annex E, (methyl bromide)			0.00
Total:			0.00
Year of reported country programme implementation data:			2020
Amount approved for projects (as at December 2020) (US \$):			948,316
Amount disbursed (as at December 2019) (US \$):			594,442
ODS to be phased out (as at December 2020) (ODP tonnes):			1.2
ODS phased out (as at December 2019) (ODP tonnes):			0.0

110.

<b>Summary of activities</b>	<b>Funds approved (US \$)</b>
(a) Investment projects:	0
(b) Institutional strengthening:	466,266
(c) Project preparation, technical assistance, training and other non-investment projects:	482,050
Total	948,316
(d) HFC activities funded from additional voluntary contributions	50,000

### Progress report

111. During phase VIII there was a sudden loss of the Principal Ozone Officer; the NOU was restructured to continue with the implementation of all projects pending the recruitment of the new Officer. The country fulfilled its data reporting obligations to the Ozone and Fund Secretariats; implemented the activities under the HPMP, sustained compliance through legislative measures, the HCFC licensing and quota system, HCFC import monitoring, capacity building, the involvement of the National Ozone Advisory Committee and the RAC Association, and awareness-raising activities. Of the 17 performance indicators, 12 were achieved, 4 partially achieved and 1 not achieved.

### Plan of action

112. During phase IX, the following activities are planned: enforcement of the licensing and quota systems for HCFCs and new legislative framework for HFCs; working with customs to strengthen the data monitoring and tracking of controlled substances complimented by field inspections; timely submission of data under Article 7 of the Montreal Protocol and under the country programme to the Ozone and the Fund

Secretariats; coordination with stakeholders on implementation of stage II of the HPMP; information dissemination to the target groups; and participation in Montreal Protocol related meetings.

**Tuvalu: Renewal of institutional strengthening**

<b>Summary of the project and country profile</b>		
Implementing agency:		UNEP
Amounts previously approved for institutional strengthening (US \$):		
Phase I:	Mar-02	17,500
Phase II:	Nov-06 & Nov-08	37,583
Phase III:	Dec-10	60,000
Phase IV:	Jul-12	60,000
Phase V:	May-14	60,000
Phase VI:	May-16	85,000
Phase VII:	Dec-18	85,000
	Total:	405,083
Amount requested for renewal (phase VIII) (US \$):		85,000
Amount recommended for approval for phase VIII (US \$):		85,000
Agency support costs (US \$):		0
Total cost of institutional strengthening phase VIII to the Multilateral Fund (US \$):		85,000
Date of approval of country programme:		2002
Date of approval of HCFC phase-out management plan:		2011
Baseline consumption of controlled substances (ODP tonnes):		
Annex B, Group III (methyl chloroform) (average 1998-2000)		0.0
Annex C, Group I (HCFCs) (average 2009-2010)		0.1
Annex E (methyl bromide) (average 1995-1998)		0.0
Latest reported ODS consumption (2019) (ODP tonnes) as per Article 7:		
Annex B, Group III (methyl chloroform) (average 1998-2000)		0.00
Annex C, Group I (HCFCs) (average 2009-2010)		0.00
Annex E (methyl bromide) (average 1995-1998)		0.00
	Total:	0.00
Year of reported country programme implementation data:		2020
Amount approved for projects (as at December 2020) (US \$):		759,533
Amount disbursed (as at December 2019) (US \$):		465,426
ODS to be phased out (as at December 2020) (ODP tonnes):		0.3
ODS phased out (as at December 2019) (ODP tonnes):		0.0

113.



Summary of activities	Funds approved (US \$)
(a) Investment projects:	0
(b) Institutional strengthening:	405,083
(c) Project preparation, technical assistance, training and other non-investment projects:	354,450
Total:	759,533
(d) HFC activities funded from additional voluntary contributions	50,000

### Progress report

114. During phase VII, the NOU developed a networking platform with the Customs Department, and a memorandum of understanding to prevent illegal ODS trade, was implemented between the Environment Department and Customs Department. The NOU worked with the RAC Association and the National Steering Committee in the implementation of the activities under stage I of the HPMP and the enabling activities for HFC phase-down, and in the preparation of stage II of the HPMP. The NOU reported 2019 data under Article 7 of the Montreal Protocol and 2019 and 2020 under the country programme to the Ozone and Fund Secretariats, respectively; organized the celebration of the World Ozone Day; assisted the Government in promoting gender equality through providing equal opportunities in Multilateral Fund funded projects, such as participating in the awareness programmes, being members of the Steering Committee and contributing to the planning and implementation of the Montreal Protocol projects. The draft amended ODS Regulations to include HFCs in the licensing system was finalized and is being processed for approval. Among the 17 performance indicators, 11 were rated as fully achieved and 6 as partially achieved.

### Plan of action

115. Phase VIII will include the following activities: enforcement of the HCFC licensing and quota system and implementation of the HFCs licensing system under the amended Act; adoption of the Pacific Harmonized Commodity Description and Coding System 2022 (PACHS22) to have individual HS code for HFCs and blends; timely submission of data under Article 7 of the Montreal Protocol and under the country programme; engagement of the National Steering Committee and the RAC Association in the implementation of the activities under stages I and II of the HPMP, and preparation of a HFC phase-down management plan; organisation of the International Ozone Day celebrations and development of awareness materials; and participation meetings related to the Montreal Protocol. Gender mainstreaming will be integrated into all aspects of projects and activities.

### **Zambia (the): Renewal of institutional strengthening**

Summary of the project and country profile	
Implementing agency:	UNEP
Amounts previously approved for institutional strengthening (US \$):	
Phase I:	May-93 75,600
Phase II:	Mar-00 50,400
Phase III:	Dec-04 65,520
Phase IV:	Apr-09 65,520
Phase V:	Dec-13 65,520
Phase VI:	Dec-16 85,000
Phase VII:	May-19 85,000
Total:	492,560
Amount requested for renewal (phase VIII) (US \$):	85,000
Amount recommended for approval for phase VIII (US \$):	85,000

<b>Summary of the project and country profile</b>	
Agency support costs (US \$):	0
Total cost of institutional strengthening phase VIII to the Multilateral Fund (US \$):	85,000
Date of approval of country programme:	1992
Date of approval of HCFC phase-out management plan (stage I):	2011
Baseline consumption of controlled substances (ODP tonnes):	
Annex B, Group III (methyl chloroform) (average 1998-2000)	0.1
Annex C, Group I (HCFCs) (average 2009-2010)	5.0
Annex E (methyl bromide) (average 1995-1998)	29.4
Latest reported ODS consumption (2020) (ODP tonnes) as per Article 7:	
Annex B, Group III (methyl chloroform)	0.0
Annex C, Group I (HCFCs)	2.2
Annex E (methyl bromide)	0.0
Total:	2.2
Year of reported country programme implementation data:	2020
Amount approved for projects (as at December 2020) (US \$):	2,396,528
Amount disbursed (as at December 2019) (US \$):	1,840,329
ODS to be phased out (as at December 2020) (ODP tonnes):	44.4
ODS phased out (as at December 2019) (ODP tonnes):	60.1

116.

<b>Summary of activities</b>	<b>Funds approved (US \$)</b>
(a) Investment projects:	588,548
(b) Institutional strengthening:	492,560
(c) Project preparation, technical assistance, training and other non-investment projects:	1,315,420
Total:	2,396,528
(d) HFC activities funded from additional voluntary contributions	95,000

#### Progress report

117. During phase VII, the licensing and quota system was enforced; meetings with importers for HCFC quota allocation and inspections to ports of entry were carried out; and data under Article 7 of the Montreal Protocol and CP data was reported for 2019 and 2020 to the Ozone and Multilateral Fund Secretariats, respectively. The NOU implemented the activities in the HPMP and provided training to customs officers, border control police officers, and refrigeration technicians; conducted an awareness-raising programme and International Ozone Day celebrations; and involved the steering committee and RAC association in the Montreal Protocol implementation. The country has ratified the Kigali Amendment on 15 March 2021 and is implementing the enabling activities for HFC phase-down. Of the 17 performance indicators, 15 were fully achieved and two were partially achieved.

#### Plan of action

118. Activities under phase VIII will include: strengthening the licensing and quota system and incorporating the HFCs as controlled substances in the ODS laws, submission of data under Article 7 of the Montreal Protocol and CP data report, continuing to enforce the licensing and quota system to ensure sustained compliance with the Montreal Protocol, including the Kigali Amendment; providing a training programme for technicians in the refrigeration sector; providing training to customs officers to enable the enforcement of control measures; and conducting awareness raising programmes; and organizing the celebration of the International Day for the Preservation of the Ozone Layer. The NOU will coordinate the

implementation, monitoring, and reporting of the activities in the HPMP, encourage women to participate in the HPMP activities, and collect gender-disaggregated data. Furthermore, the NOU will participate in the regional network and thematic meetings and other regional and international activities related to the Montreal Protocol.

### Zimbabwe: Renewal of institutional strengthening

<b>Summary of the project and country profile</b>		
Implementing agency:		UNEP
Amounts previously approved for institutional strengthening (US \$):		
	Phase I: Jul-94	171,050
	Phase II: Jul-99	114,033
	Phase III: Jul-01	114,033
	Phase IV: Jul-04	148,242
	Phase V: Nov-06	148,242
	Nov-09 and Apr-10	
	Phase VI: 10	148,241
	Phase VII: Apr-13	148,242
	Phase VIII: May-15	148,242
	Phase IX: Jul-17	189,750
	Phase X: May-19	189,750
	Total:	1,519,825
Amount requested for renewal (phase XI) (US \$):		189,750
Amount recommended for approval for phase XI (US \$):		189,750
Agency support costs (US \$):		0
Total cost of institutional strengthening phase XI to the Multilateral Fund (US \$):		189,750
Date of approval of country programme:		1994
Date of approval of HCFC phase-out management plan (stage D):		2011
Baseline consumption of controlled substances (ODP tonnes):		
Annex B, Group III (methyl chloroform) (average 1998-2000)		0.0
Annex C, Group I (HCFCs) (average 2009-2010)		17.8
Annex E (methyl bromide) (average 1995-1998)		557.0
Latest reported ODS consumption (2019) (ODP tonnes) as per Article 7:		
Annex B, Group III (methyl chloroform)		0.00
Annex C, Group I (HCFCs)		9.85
Annex E, (methyl bromide)		0.00
Total:		9.85
Year of reported country programme implementation data:		2020
Amount approved for projects (as at December 2020) (US \$):		11,506,131
Amount disbursed (as at December 2019) (US \$):		10,118,152
ODS to be phased out (as at December 2020) (ODP tonnes):		502.7
ODS phased out (as at December 2019) (ODP tonnes):		464.5

119.

<b>Summary of activities</b>	<b>Funds approved (US \$)</b>
(a) Investment projects:	7,910,696
(b) Institutional strengthening:	1,519,825
(c) Project preparation, technical assistance, training and other non-investment projects:	2,075,610
Total:	11,506,131
(d) HFC activities funded from additional voluntary contributions	180,000

#### Progress report

120. During phase X, the NOU has implemented several activities under stage I of the HPMP and submitted stage II; completed the enabling activities project for HFC phase-down with the ratification of the Kigali Amendment being finalized in Parliament. The ODS regulations were updated to ban the import of used ODS-based refrigeration and air-conditioning equipment. The NOU embarked on an awareness-raising programme; trained Customs officers and refrigeration technicians; strengthened the capacity of training centres; developed the national standard on certification of RAC technicians; organized International Ozone Day celebrations and other awareness-raising activities. Zimbabwe achieved 13 out of 17 performance indicators, 3 were partially achieved and 1 was not achieved.

#### Plan of action

121. During phase XI, the NOU will finalize stage I of the HPMP and begin implementing stage II, which includes a training programme for technicians in the refrigeration sector and training of customs officers to support the enforcement of ODS regulations and control measures of HCFCs; continue the awareness-raising programme through mass media, online platforms and distribution of materials to industry and other stakeholders; continue timely submission of data under Article 7 of the Montreal Protocol and under the country programme to the Ozone and Fund Secretariats, respectively, and participate in Montreal Protocol related meetings.

## 附件二

### 执行委员会提交第八十七次会议的机构加强项目续延意见草案

#### 阿富汗

1. 执行委员会审查了请求续延阿富汗体制建设项目（第十阶段）的报告，并赞赏地注意到阿富汗给基金和臭氧秘书处分别报告了 2018 年、2019 年和 2020 年国家方案执行数据，以及《蒙特利尔议定书》第 7 条 2018 年和 2019 年数据，表明该国遵守了《蒙特利尔议定书》。执行委员会还注意到，阿富汗政府维持着氟氯烃的业务许可和配额制度，并正在执行禁止进口使用氟氯烃的设备的禁令。执行委员会赞赏地注意到，政府在批准《基加利修正案》方面取得了进展，并最终确定了修订消耗臭氧层物质法规以将氢氟碳化合物纳入许可制度的提案，该提案正在通过过程中。因此，执行委员会确信，阿富汗政府将继续在政策和项目层面实施氟氯烃淘汰管理计划和体制建设项目活动以及扶持活动，以实现《蒙特利尔议定书》的下一个目标。

#### 伯利兹

2. 执行委员会审查了请求续延伯利兹体制建设项目（第十阶段）的报告，并赞赏地注意到伯利兹向基金秘书处报告了 2019 年和 2020 年国家方案执行数据，并向臭氧秘书处报告了蒙特利尔议定书第 7 条 2019 年数据，表明该国遵守了蒙特利尔议定书。执行委员会注意到，伯利兹政府订有可操作许可和配额制度，其氟氯烃淘汰管理计划（HPMP）正在实施，并纳入国家规划进程的主流，已启动批准基加利修正案的程序。因此，执行委员会确信伯利兹政府将继续开展活动，以确保该国遵守《蒙特利尔议定书》及其与执行委员会达成的氟氯烃淘汰管理计划的目标。

#### 布基纳法索

3. 执行委员会审查了关于续延布基纳法索体制建设（IS）项目（第十四阶段）的请求的报告，并赞赏地注意到布基纳法索向基金组织和臭氧秘书处报告了 2019 年和 2020 年的数据，表明该国遵守了《蒙特利尔议定书》。执行委员会还注意到，布基纳法索政府已采取措施逐步淘汰氟氯烃的消费，特别是实施了氟氯烃许可和配额制度，培训海关官员和制冷技术人员，并让相关利益攸关方参与执行蒙特利尔议定书项目。执行委员会注意到布基纳法索政府为减少氟氯烃消费所做的努力，因此希望政府在未来两年内继续实施其氟氯烃淘汰管理计划和体制建设项目，以达成遵守《蒙特利尔议定书》。

#### 布隆迪

4. 执行委员会审查了关于续延布隆迪体制建设（IS）项目（第九阶段）的申请报告，并赞赏地注意到布隆迪分别向基金和臭氧秘书处提交国家方案执行报告和蒙特利尔议定书第 7 条 2019 年氟氯烃数据，表明该国遵守了蒙特利尔议定书。执行委员会还注意到，布隆迪政府已采取措施逐步淘汰其氟氯烃消费，即实施氟氯烃进口许可证和配额制度，并对海关官员和制冷技术人员进行培训。执行委员会还赞赏地注意到，布隆迪于 2021 年 3 月 26 日批准了《基加利修正案》，并推进了淘汰氢氟碳化合物的扶持活动项目。执行委员会注意到布隆迪政府为减少氟氯烃消费所做的努力，并确信政府将继续开展活动，使该国能够履行《蒙特利尔议定书》规定的义务。

#### 柬埔寨

5. 执行委员会审查了续延柬埔寨体制建设项目（第十一阶段）的请求，并赞赏地注意到柬埔寨根据《蒙特利尔议定书》第 7 条提交了 2019 年数据以及 2019 年和 2020 年国家方案执行报告，

表明该国遵守了蒙特利尔议定书。执行委员会还注意到，柬埔寨政府维持着氟氯烃贸易管制的可操作许可和配额系统以及电子许可系统，将 HFC 进出口管制纳入现有法规的修订处于颁布前的最后阶段，氟氯烃淘汰管理计划正在按计划实施，并开展了信息宣传和认识活动。执行委员会还赞赏地注意到，柬埔寨于 2021 年 4 月 8 日批准了《基加利修正案》。因此，执行委员会确信柬埔寨将继续在政策和项目层面开展活动，以实现《蒙特利尔议定书》的未来目标。

## 刚果（布）

6. 执行委员会审查了续延刚果体制建设（IS）项目（第十阶段）的请求，并赞赏地注意到刚果向基金和臭氧秘书处报告了 2020 年氟氯烃数据，表明该国遵守了与蒙特利尔议定书。执行委员会还注意到，刚果政府已采取措施逐步淘汰其氟氯烃消费量，特别是通过执行氟氯烃许可和配额制度，根据氟氯烃淘汰管理计划（HPMP）培训海关官员和制冷技术人员，以及组织与利益相关者的会议，并开展认识活动。执行委员会赞赏地注意到刚果政府为减少氟氯烃消费所做的努力，因此希望该国在未来两年内批准《基加利修正案》，并继续有效实施其氟氯烃淘汰管理计划和体制建设项目实现并维持遵守其在《蒙特利尔议定书》下的义务。

## 刚果民主共和国

7. 执行委员会审查了续延刚果民主共和国体制建设（IS）项目（第十阶段）的请求，并赞赏地注意到该国向基金组织和臭氧秘书处报告了 2019 年的数据，表明它遵守了《蒙特利尔议定书》。执行委员会还注意到，刚果民主共和国政府已采取措施逐步淘汰氟氯烃的消费，特别是执行氟氯烃进口管制、对海关官员进行防止非法消耗臭氧层物质贸易的培训以及制冷技术人员对氟氯烃替代品的培训，以及提高对氟氯烃淘汰的认识。委员会还注意到刚果民主共和国政府为引入 HFC 许可制度所做的努力。因此，委员会希望在未来两年内，刚果民主共和国政府将继续执行其氟氯烃淘汰管理计划，包括在 2022 年提交氟氯烃淘汰管理计划的第二阶段和 IS 项目，以使该国能够实现并维持对《蒙特利尔议定书》的遵守。

## 赤道几内亚

8. 执行委员会审查了续延赤道几内亚体制建设（IS）项目（第四阶段）的请求，并赞赏地注意到赤道几内亚向臭氧和多边基金秘书处报告了 2019 年氟氯烃数据，表明该国遵守了蒙特利尔议定书。执行委员会还注意到，赤道几内亚政府已采取措施减少氟氯烃的消费，即通过许可和配额制度以及对海关官员和制冷技术人员的培训来实施氟氯烃进口管制。执行委员会还注意到赤道几内亚政府为实施淘汰氢氟碳化合物的扶持活动项目和批准基加利修正案所做的努力。因此，委员会希望赤道几内亚政府在未来两年内继续执行其氟氯烃淘汰管理计划和体制建设项目，以实现蒙特利尔议定书的下一个目标，并批准基加利修正案。

## 厄立特里亚

9. 执行委员会审查了续延厄立特里亚体制建设项目（第五阶段）的请求，并赞赏地注意到厄立特里亚向基金秘书处报告了 2019 年和 2020 年国家方案执行数据，并向臭氧秘书处报告了《蒙特利尔议定书》第 7 条数据，表明该国遵守了《蒙特利尔议定书》。执行委员会注意到，厄立特里亚政府已采取措施逐步淘汰氟氯烃消费，包括实施许可和配额制度，并已推动批准《基加利修正案》。因此，委员会确信，厄立特里亚政府将在未来两年内继续实施其氟氯烃淘汰管理计划，以在 2025 年 1 月 1 日之前实现《蒙特利尔议定书》中 67.5% 的削减目标，并将最终确定基加利修正案的批准程序。

## 埃斯瓦蒂尼

10. 执行委员会审查了提交的埃斯瓦蒂尼体制建设项目（第七阶段）续延申请报告，并赞赏地注意到埃斯瓦蒂尼分别向基金和臭氧秘书处报告了 2019 年和 2020 年国家方案数据以及《蒙特利尔议定书》第 7 条下的 2019 年数据，表明该国遵守了《蒙特利尔议定书》。委员会注意到斯威士兰政府继续执行其氟氯烃进出口许可证配额制度；对制冷技术人员和海关官员进行了培训；制定和组织了提高公众意识活动。因此，执行委员会确信斯威士兰政府将继续开展活动，使该国能够遵守《蒙特利尔议定书》规定的义务。委员会还赞赏地注意到斯威士兰于 2020 年 11 月 24 日批准了《基加利修正案》，以及为履行该修正案规定的初始义务而采取的步骤。

## 加蓬

11. 执行委员会审查了续延体制建设（IS）项目（第十一阶段）的请求，并赞赏地注意到加蓬在国家方案执行报告下报告了 2018、2019 和 2020 年氟氯烃数据，报告了《蒙特利尔议定书》第 7 条 2018 和 2019 数据，表明该国遵守了其在《蒙特利尔议定书》下的义务，并且已实施可操作的 HCFC 许可和配额制度。执行委员会还注意到加蓬政府培训了制冷技术人员和海关官员；通过与国家臭氧委员会、进口商和制冷协会的会议获得利益相关者的支持；并提高公众对臭氧保护的认识。委员会还赞赏地注意到加蓬于 2018 年 2 月 28 日批准了《基加利修正案》。执行委员会注意到加蓬政府在报告期内所做的努力，因此希望在未来两年内，该国将继续实施其氟氯烃淘汰管理计划和体制建设项目，以实现并维持到 2025 年 1 月 1 日所要求的氟氯烃消费量减少 67.5% 的目标。

## 冈比亚

12. 执行委员会审查了续延冈比亚体制建设（IS）项目（第十一阶段）的请求，并赞赏地注意到冈比亚已分别向基金和臭氧秘书处报告了 2020 年国家方案执行数据和第 7 条数据，表示该国遵守了《蒙特利尔议定书》。委员会还注意到，冈比亚政府已经实施了氟氯烃进出口许可证和配额制度，并在氟氯烃淘汰管理计划的第一阶段开展了活动。执行委员会赞赏地注意到该国于 2021 年 5 月 5 日批准了《基加利修正案》。因此，委员会确信冈比亚将继续逐步减少氟氯烃的消费量，以在 2025 年 1 月 1 日前实现《蒙特利尔议定书》规定的 67.5% 的削减目标。

## 格林纳达

13. 执行委员会审查了续延格林纳达体制建设项目（第七阶段）的请求，并赞赏地注意到格林纳达已分别向多边基金和臭氧层秘书处报告了 2020 年国家方案执行数据和《蒙特利尔议定书》第 7 条下的数据，表示该国遵守了《蒙特利尔议定书》。执行委员会注意到格林纳达政府努力继续实施其氟氯烃淘汰管理计划（HPMP），尽管受到 COVID-19 大流行的限制，正在按照氟氯烃淘汰时间表进行，并执行一项可操作的氟氯烃进口电子许可证和配额系统。执行委员会还赞赏地注意到格林纳达于 2018 年 5 月 29 日批准了《基加利修正案》。因此，执行委员会确信格林纳达政府将继续在政策和项目层面开展活动，以确保其遵守《蒙特利尔议定书》以及与执行委员会达成的氟氯烃淘汰管理计划协议中设定的目标。

## 几内亚比绍

14. 执行委员会审查了续延几内亚比绍体制建设（IS）项目（第七阶段）的请求，并赞赏地注意到几内亚比绍分别向基金和臭氧秘书处报告了国家方案执行报告和蒙特利尔议定书第 7 条报 2019 年数据，表明该国遵守《蒙特利尔议定书》。执行委员会还注意到，几内亚比绍政府已采取措施

逐步淘汰其氟氯烃消费，特别是通过实施氟氯烃许可和配额制度以及对海关官员和制冷技术人员进行培训。执行委员会赞赏几内亚比绍政府为减少氟氯烃消费所做的努力，因此希望政府在未来两年内继续实施其氟氯烃淘汰管理计划和体制建设项目，以实现并保持遵守《蒙特利尔议定书》的减排目标。

### 伊拉克

15. 执行委员会审查了续延伊拉克体制建设项目（第五阶段）的请求，并赞赏地注意到伊拉克分别向基金秘书处和臭氧秘书处提交了国家方案执行报告和《蒙特利尔议定书》第 7 条 2019 年和 2020 年的数据，表明该国遵守了蒙特利尔议定书。执行委员会赞赏伊拉克政府为减少氟氯烃消费量和按计划履行未来义务所做的努力。因此，委员会希望伊拉克政府在未来两年内继续执行其氟氯烃淘汰管理计划和体制建设项目活动，以到 2025 年实现《蒙特利尔议定书》将氟氯烃消费量减少 67.5% 的目标，并为批准基加利修正案奠定必要的基础。

### 基里巴斯

16. 执行委员会审查了续延基里巴斯体制建设（IS）项目（第八阶段）的请求，并赞赏地注意到基里巴斯向臭氧秘书处报告了《蒙特利尔议定书》第 7 条 2019 年数据，向基金秘书处提交了国家方案执行报告，表明该国遵守了《蒙特利尔议定书》。执行委员会还注意到，基里巴斯政府已修订立法以引入 HFC 许可证制度，正在实施氟氯烃淘汰管理计划（HPMP），开展信息宣传和提高认识活动，参加蒙特利尔议定书相关会议，以及在所有多边基金资助的项目中促进性别平等。执行委员会注意到基里巴斯政府的努力，因此希望该政府将继续实施氟氯烃淘汰管理计划和体制建设项目，以实现和维持《蒙特利尔议定书》的氟氯烃淘汰目标。

### 科威特

17. 执行委员会审查了对科威特的体制建设（IS）项目（第八阶段）的请求，并赞赏地注意到科威特向臭氧秘书处报告了《蒙特利尔议定书》第 7 条 2019 年数据，向基金秘书处报告了国家方案执行报告，表明该国遵守了《蒙特利尔议定书》。执行委员会注意到科威特政府为减少氟氯烃消费所做的努力，因此希望科威特政府在未来两年内继续执行其氟氯烃淘汰管理计划（HPMP）和体制建设项目活动，以按照《蒙特利尔议定书》的目标和其与执行委员会的氟氯烃淘汰管理计划协定中设定的目标，进一步减少其氟氯烃消费量，并完成批准《基加利修正案》的过程。

### 利比里亚

18. 执行委员会审查了续延利比里亚体制建设项目（第九阶段）的请求，并赞赏地注意到利比里亚向臭氧秘书处报告了《蒙特利尔议定书》第 7 条 2020 年数据，表明该国遵守了与蒙特利尔议定书。执行委员会还注意到，利比里亚通过许可证和配额制度实施了氟氯烃进口管制，并培训了海关官员和制冷技术人员。执行委员会还赞赏地注意到，利比里亚于 2020 年 7 月 12 日批准了《基加利修正案》。执行委员会注意到利比里亚政府的努力，因此确信该国将继续逐步减少氟氯烃消费量，以实现到 2025 年 1 月 1 日达到《蒙特利尔议定书》要求的 67.5 百分比。

### 马达加斯加

19. 执行委员会审查了续延马达加斯加体制建设项目（第九阶段）的请求，并赞赏地注意到马达加斯加分别向臭氧和基金秘书处提交了《蒙特利尔议定书》第 7 条 2019 年及 2020 年数据和 国家方案执行报告，表示该国遵守了《蒙特利尔议定书》。执行委员会还注意到，马达加斯加政府



已采取措施逐步淘汰氟氯烃的消费，包括通过许可和配额制度实施氟氯烃进口管制，以及对海关官员和制冷技术人员进行培训。委员会注意到马达加斯加政府为减少其氟氯烃消费所做的努力，因此希望马达加斯加在未来两年内继续执行其氟氯烃淘汰管理计划和体制建设项目，以实现和维持蒙特利尔议定书的履约目标。

### 毛里求斯

20. 执行委员会审查了续延毛里求斯体制建设（IS）项目（第七阶段）的请求，并赞赏地注意到毛里求斯分别向多边基金和臭氧秘书处提交了国家方案执行报告和《蒙特利尔议定书》第 7 条 2020 年数据，表明该国遵守了《蒙特利尔议定书》。执行委员会还注意到，毛里求斯政府实施了氟氯烃进口管制许可和配额制度，将许可制度扩大到包括氢氟碳化合物，并实施了氟氯烃淘汰管理计划（HPMP）的第一阶段，包括培训海关官员和制冷技术人员。执行委员会注意到毛里求斯政府在淘汰氟氯烃和逐步减少氢氟碳化合物方面所做的努力，因此希望毛里求斯政府在未来两年内继续实施其氟氯烃淘汰管理计划和体制建设项目，到 2025 年 1 月 1 日达到并维持《蒙特利尔议定书》要求的氟氯烃消费量减少 67.5%，并将进一步执行《基加利修正案》的要求。

### 蒙古

21. 执行委员会审查了续延长蒙古机构项目（第十二阶段）的请求，并赞赏地注意到蒙古分别向基金秘书处和臭氧秘书处提交了国家方案执行数据和《蒙特利尔议定书》第 7 条下的数据，表明该国已在 2020 年实现了 35% 的减排目标。执行委员会还注意到，该国维持了氟氯烃的操作许可和配额制度，并正在执行基于受控物质的 HFC 和设备的进口许可制度，并且正在按计划实施氟氯烃淘汰管理计划活动。执行委员会注意到蒙古政府为推动批准《基加利修正案》所做的努力。因此，执行委员会希望蒙古继续在政策和项目层面开展活动，以实现《蒙特利尔议定书》的未来目标。

### 纽埃

22. 执行委员会审查了续延纽埃体制建设项目（第八阶段）的请求，并赞赏地注意到纽埃分别向臭氧和基金秘书处提交了《蒙特利尔议定书》第 7 条 2018 年和 2019 年的数据以及国家方案执行报告，表示该国遵守了《蒙特利尔议定书》，并且自 2011 年以来一直保持氟氯烃的零消费。执行委员会注意到纽埃政府为遵守《基加利修正案》的初始义务而做出的努力，建立了其 HFC 许可制度，并继续在所有多边基金资助的项目中促进性别平等。因此，委员会希望纽埃政府在未来两年内完成氟氯烃淘汰管理计划的第一阶段，并启动氟氯烃淘汰管理计划第二阶段的实施，以继续开展项目活动维持零氟氯烃消费量，并继续遵守《蒙特利尔议定书》，包括《基加利修正案》的义务。

### 帕劳

23. 执行委员会审查了帕劳体制建设项目（第九阶段）的请求，并赞赏地注意到帕劳分别向臭氧秘书处和基金秘书处报告了《蒙特利尔议定书》第 7 条 2019 年数据和国家方案执行报告，表明该国遵守了《蒙特利尔议定书》义务。执行委员会还注意到，帕劳政府继续执行禁止进口含氟氯烃设备的禁令，指导委员会和制冷协会正在参与所有多边基金项目的规划和实施。执行委员会注意到帕劳政府为遵守《基加利修正案》的初始义务，通过建立氢氟碳化合物许可制度以及在所有多边资助项目中继续促进性别平等所做的努力。因此，委员会确信帕劳政府将继续在政策和项目层面开展活动，以实现《蒙特利尔议定书》的未来目标。

## 菲律宾

24. 执行委员会审查了续延菲律宾体制建设项目（第十三阶段）的请求，并注意到菲律宾向基金秘书处报告了 2019 年和 2020 年国家方案执行数据，向臭氧秘书处报告了《蒙特利尔议定书》第 7 条 2019 年数据，表明该国遵守了蒙特利尔议定书。执行委员会还赞赏地注意到，菲律宾政府实施了氟氯烃进出口许可证制度，批准《基加利修正案》的内部程序正在进行中。因此，执行委员会确信菲律宾政府将继续在政策和项目层面开展活动，使该国能够实现蒙特利尔议定书的目标，并且菲律宾将很快批准基加利修正案。

## 摩尔多瓦共和国

25. 执行委员会审查了续延摩尔多瓦共和国体制建设项目（第十一阶段）的请求，并赞赏地注意到摩尔多瓦共和国向臭氧秘书处提交了《蒙特利尔议定书》第 7 条 2018 年和 2019 年数据，向基金秘书处提交了 2018 年、2019 年和 2020 年国家方案数据，表明该国遵守了《蒙特利尔议定书》。执行委员会还注意到摩尔多瓦共和国政府努力让所有利益攸关方参与淘汰活动，并以协调的方式实施氟氯烃淘汰管理计划的第二阶段，尽管蒙特利尔议定书机构的人员配备发生了变化。因此，委员会确信，在未来两年内，摩尔多瓦共和国政府将继续在政策和项目层面开展活动，使该国能够在 2025 年 1 月 1 日之前将氟氯烃消费量减少 67.5%，并在批准基加利修正案和随后准备 HFC 淘汰项目方面取得进展。

## 卢旺达

26. 执行委员会审查了关于续延卢旺达体制建设（IS）项目（第九阶段）的请求，并赞赏地注意到卢旺达向基金秘书处报告了国家方案数据，并向臭氧秘书处报告了《蒙特利尔议定书》第 7 条数据，表明该国遵守了《蒙特利尔议定书》。执行委员会还注意到，卢旺达已采取进一步措施逐步淘汰氟氯烃的消费，包括实施配额和许可证制度；培训海关和执法人员；将 HFC 纳入许可制度，并完成了 HFC 淘汰的扶持活动项目。执行委员会注意到卢旺达的努力，因此希望该国将在未来两年内继续执行氟氯烃淘汰管理计划的第二阶段和体制建设项目，以 2025 年 1 月 1 日之前实现和维持《蒙特利尔议定书》要求的 67.5% 的削减氟氯烃消费量。

## 萨摩亚

27. 执行委员会审查了续延萨摩亚体制建设项目（第十一阶段）的请求，并赞赏地注意到萨摩亚向臭氧秘书处报告了《蒙特利尔议定书》第 7 条氟氯烃消费数据，向基金秘书处报告了国家方案执行情况，表明该国遵守了《蒙特利尔议定书》。执行委员会还注意到，萨摩亚政府订有可操作的许可和配额制度，并与利益攸关方协调实施氟氯烃淘汰管理计划（HPMP）的第一阶段。执行委员会注意到萨摩亚政府努力采取必要步骤履行《基加利修正案》规定的初始义务，根据现行立法对氢氟碳化合物进行控制，起草和修订相关法案和条例以加强进口监测《蒙特利尔议定书》下的受控物质，并提高对氟氯烃淘汰和基加利修正案义务的认识。因此，委员会希望萨摩亚政府在未来两年内在政策和项目层面开展活动，使该国能够遵守《蒙特利尔议定书》的目标以及的氟氯烃淘汰管理计划中确定的目标。

## 圣多美和普林西比

28. 执行委员会审查了续延圣多美和普林西比体制建设项目（第七阶段）的请求，并赞赏地注意到圣多美和普林西比分别向臭氧秘书处和基金秘书处提交《蒙特利尔议定书》第 7 条 2019 年和 2020 年的数据，以及该国计划实施报告，表明该国遵守了《蒙特利尔议定书》。执行委员会还注

意到，圣多美和普林西比政府已采取措施逐步淘汰氟氯烃的消费，特别是执行氟氯烃许可和配额制度、对海关官员进行非法贸易和数据监测以及制冷技术人员培训关于良好维修做法和易燃替代品的安全处理，以及与相关利益相关者的会议。执行委员会赞赏地注意到圣多美和普林西比于2019年10月4日批准了《基加利修正案》。因此，委员会希望在未来两年内，圣多美和普林西比政府将继续在政策和使该国能够实现并保持对蒙特利尔议定书的遵守。

## 索马里

29. 执行委员会审查了续延索马里体制建设项目（第五阶段）的请求，并赞赏地注意到索马里分别向多边基金和臭氧秘书处报告了国家方案执行情况报告2019年和2020年数据，和《蒙特利尔议定书》第7条2019年数据，表明该国遵守了《蒙特利尔议定书》。执行委员会赞赏地注意到索马里于2019年11月27日批准了《基加利修正案》。因此，委员会希望索马里将继续逐步减少氟氯烃消费量，到2025年1月1日实现《蒙特利尔议定书》中67.5%的减排目标，并按照基加利修正案开始逐步减少HFC。

## 多哥

30. 执行委员会审查了续延多哥体制建设项目（第十一阶段）的请求，并赞赏地注意到多哥分别向基金和臭氧秘书处报告了国家方案执行报告2019年和2020年的氟氯烃进口数据，和《蒙特利尔议定书》第7条2019年的氟氯烃进口数据，表明该国遵守了《蒙特利尔议定书》。执行委员会还注意到，多哥政府已采取措施逐步淘汰氟氯烃的消费，特别是通过许可和配额制度以及对海关官员和制冷技术人员的培训，来实施消耗臭氧层物质进口管制。执行委员会注意到多哥政府为减少氟氯烃消费所做的努力，因此希望在未来两年内，多哥政府将继续在政策和项目层面开展活动，使该国能够实现并维持对《蒙特利尔议定书》的遵守。

## 汤加

31. 执行委员会审查了续延汤加体制建设项目（第九阶段）的请求，并赞赏地注意到汤加向臭氧秘书处报告了《蒙特利尔议定书》第7条2019年数据，向多边基金秘书处提交了国家方案执行报告，表明该国遵守了《蒙特利尔议定书》。执行委员会对首席臭氧官员的去世表示同情，并赞赏汤加政府为重组国家臭氧机构以确保执行《蒙特利尔议定书》承诺的连续性所做的努力。执行委员会还注意到，汤加政府继续执行氟氯烃许可证制度并禁止进口使用氟氯烃的设备，该国已提前履行义务逐步淘汰了氟氯烃消费。因此，委员会确信汤加政府将继续在政策和项目层面开展活动，以确保根据《蒙特利尔议定书》实现的目标的长期可持续性。

## 图瓦卢

32. 执行委员会审查了续延图瓦卢体制建设项目（第八阶段）的请求，并赞赏地注意到图瓦卢向臭氧秘书处报告了《蒙特利尔议定书》第7条2019年数据，向基金秘书处提交了国家方案计划实施报告2019年和2020年数据，表明该国遵守了《蒙特利尔议定书》。委员会还注意到，图瓦卢政府已采取措施逐步淘汰氟氯烃的消费，并正在修订条例以纳入对氢氟碳化合物进出口的强制性控制。委员会注意到图瓦卢政府为继续促进性别平等和鼓励女性参与所有多边基金资助项目所做的努力。因此，委员会希望图瓦卢政府在未来两年内继续在政策和项目层面开展活动，使该国能够实现和维持《蒙特利尔议定书》的下一批目标。

### 赞比亚

33. 执行委员会审查了续延赞比亚体制建设项目（第八阶段）的请求，并赞赏地注意到赞比亚分别向基金和臭氧秘书处报告了，2019年和2020年国家方案数据和《蒙特利尔议定书》第7条的数据，表示该国遵守了《蒙特利尔议定书》。委员会注意到赞比亚继续实施其氟氯烃进出口许可证和配额制度；对制冷技术人员和海关官员进行了培训；制定和组织了提高公众意识活动。因此，执行委员会确信赞比亚政府将继续开展活动，使该国能够遵守《蒙特利尔议定书》规定的义务。委员会还赞赏地注意到，赞比亚于2021年3月15日批准了《基加利修正案》以及为履行该修正案规定的初始义务而采取的步骤。

### 津巴布韦

34. 执行委员会审查了续延津巴布韦体制建设项目（第十一阶段）的请求，并赞赏地注意到津巴布韦向臭氧秘书处报告了《蒙特利尔议定书》第7条2020年数据，向基金秘书处提交了国家方案执行报告，表明该国遵守了《蒙特利尔议定书》。委员会还注意到项目继续实施，包括促进HFC逐步减少的扶持活动，以促进批准《基加利修正案》。因此，执行委员会确信津巴布韦将继续逐步减少氟氯烃的消费量，以在2025年1月1日之前实现《蒙特利尔议定书》要求的67.5%的减少目标。



**AMENDMENT TO  
UNEP'S WORK PROGRAMME  
2021**

**Presented to the  
87<sup>th</sup> Meeting of the Executive Committee  
of the Multilateral Fund for the Implementation  
of the Montreal Protocol**

**May 2021**

**United Nations Environment Programme**

## A. INTRODUCTION

1. UNEP's Work Programme 2021 was approved at the 86<sup>th</sup> Meeting of the Executive Committee of the Multilateral Fund for the Implementation of the Montreal Protocol.
2. This document, as submitted for consideration to the 87<sup>th</sup> Meeting of the Executive Committee, represents an Amendment to that Work Programme.

## B. SUMMARY OF THE WORK PROGRAMME AMENDMENT FOR 2021

3. Consistent with the Business Plan 2021-2023, this Amendment comprises funding requests for
  - Support for the implementation of Institutional Strengthening projects in **34** countries.
  - Support in preparation of HCFC phase-out Management Plans (stages 2 and 3) in **2** countries.
  - Support in preparation of HFC Phase Down Management Plan in **2** countries.
  - Requests for extension of EA projects implementation period for projects approved at ExCom-85 in **2** countries
4. Details of the Work Programme Amendment and the total requested funding by project groups are presented in Table 1.
5. Summary of the Work Programme Amendment is presented in Table 2.

Table 1. Funding requests for annual tranches for ISP renewals and individual projects to be considered at the 87<sup>th</sup> Meeting of the Executive Committee

Country	Project title	Amount, US\$	PSC, US\$	Total requested amount, US\$
<b>INSTITUTIONAL STRENGTHENING PROJECT RENEWALS (ISRs)</b>				
Afghanistan	Renewal of institutional strengthening project (Phase X)	192,000	0	192,000
Belize	Renewal of institutional strengthening project (Phase X)	98,176	0	98,176
Burkina Faso	Renewal of institutional strengthening project (Phase XIV)	92,685	0	92,685
Burundi	Renewal of institutional strengthening project (Phase IX)	85,000	0	85,000
Cambodia	Renewal of institutional strengthening project (Phase XI)	144,214	0	144,214
Congo	Renewal of institutional strengthening project (Phase XI)	85,000	0	85,000
Congo DR	Renewal of institutional strengthening project (Phase X)	85,000	0	85,000
Equatorial Guinea	Renewal of institutional strengthening project (Phase IV)	102,400	0	102,400
Eritrea	Renewal of institutional strengthening project (Phase V)	85,000	0	85,000
Eswatini	Renewal of institutional strengthening project (Phase VII)	85,000	0	85,000
Gabon	Renewal of institutional strengthening project (Phase XI)	85,000	0	85,000
Gambia	Renewal of institutional strengthening project (Phase XI)	85,000	0	85,000
Grenada	Renewal of institutional strengthening project (Phase VII)	85,000	0	85,000
Guinea Bissau	Renewal of institutional strengthening project (Phase VII)	85,000	0	85,000
Iraq	Renewal of institutional strengthening project (Phase V)	307,200	0	307,200
Kiribati	Renewal of institutional strengthening project (Phase VIII)	85,000	0	85,000
Kuwait	Renewal of institutional strengthening project (Phase VIII)	134,810	0	134,810
Liberia	Renewal of institutional strengthening project (Phase IX)	109,073	0	109,073
Madagascar	Renewal of institutional strengthening project (Phase IX)	85,000	0	85,000
Mauritius	Renewal of institutional strengthening project (Phase VII)	85,000	0	85,000
Moldova Rep	Renewal of institutional strengthening project (Phase XI)	88,748	0	88,748
Mongolia	Renewal of institutional strengthening project (Phase XII)	85,000	0	85,000
Niue	Renewal of institutional strengthening project (Phase VIII)	85,000	0	85,000
Palau	Renewal of institutional strengthening project (Phase IX)	85,000	0	85,000
Philippines	Renewal of institutional strengthening project (Phase XIII)	231,850	0	231,850
Rwanda	Renewal of institutional strengthening project (Phase IX)	85,000	0	85,000
Samoa	Renewal of institutional strengthening project (Phase XI)	85,000	0	85,000
Sao Tome and Principe	Renewal of institutional strengthening project (Phase VII)	85,000	0	85,000

Somalia	Renewal of institutional strengthening project (Phase V)	85,000	0	85,000
Togo	Renewal of institutional strengthening project (Phase XI)	85,000	0	85,000
Tonga	Renewal of institutional strengthening project (Phase IX)	85,000	0	85,000
Tuvalu	Renewal of institutional strengthening project (Phase VIII)	85,000	0	85,000
Zambia	Renewal of institutional strengthening project (Phase VIII)	85,000	0	85,000
Zimbabwe	Renewal of institutional strengthening project (Phase XI)	189,750	0	189,750
<i>Sub-total for Institutional Strengthening Project Renewals</i>		<i>3,645,906</i>	<i>0</i>	<i>3,645,906</i>
<b>PREPARATION OF HCFC PHASE-OUT MANAGEMENT PLANS (STAGES 2 AND 3)</b>				
India	Preparation of HCFC Phase-out Management Plans (stage 3) – the cooperating agency. The project document is submitted by UNDP as the lead agency	20,000	2,600	22,600
Iran	Preparation of HCFC Phase-out Management Plans (stage 3) – the cooperating agency. The project document is submitted by UNDP as the lead agency	15,000	1,950	16,950
<i>Sub-total for Preparation of HCFC phase-out Management Plans (stages 2 and 3)</i>		<i>35,000</i>	<i>4,550</i>	<i>39,550</i>
<b>HFC PHASE-DOWN MANAGEMENT PLAN PREPARATION</b>				
Eswatini	Preparation of HFC Phase Down Plan – the lead agency in cooperation with UNDP	100,000	13,000	113,000
Sri Lanka	Preparation of HFC Phase Down Plan – the cooperating agency. The project document is submitted by UNDP as the lead agency	25,000	3,250	28,250
<i>Sub-total for preparation of HFC Phase Down Management Plan</i>		<i>125,000</i>	<i>16,250</i>	<i>141,250</i>

 Table 2. Summary of items submitted for consideration by the 87<sup>th</sup> Executive Committee meeting by group

<i>Type of projects</i>	<i>Value in US</i>	<i>Project support costs in US\$</i>	<i>Total in US\$</i>
Sub-total for Institutional Strengthening Projects	3,645,906	0	3,645,906
Sub-total for Preparation of HCFC Phase-out Management Plans (stages 2 and 3)	35,000	4,550	39,550
Sub-total for Preparation of HFC Phase Down Management Plan	125,000	16,250	141,250
<b>Grand Total</b>	<b>3,805,906</b>	<b>20,800</b>	<b>3,826,706</b>

Table 3. Requests for extension of EA projects implementation period for projects approved at ExCom-85

<b>Country</b>	<b>Project title</b>	<b>Extension period</b>
Burundi	Enabling activities for Kigali amendment	June-2022
Guinea	Enabling activities for Kigali amendment	Dec-2022

### C. PROJECT CONCEPTS for items to be submitted by UNEP

**Title:** *Requests for institutional strengthening renewals for (34 countries) Afghanistan, Belize, Burkina Faso, Burundi, Cambodia, Congo, Congo DR, Equatorial Guinea, Eritrea, Eswatini, Gabon, Gambia, Grenada, Guinea Bissau, Iraq, Kiribati, Kuwait, Liberia, Madagascar, Mauritius, Moldova Rep, Mongolia, Niue, Palau, Philippines, Rwanda, Samoa, Sao Tome and Principe, Somalia, Togo, Tonga, Tuvalu, Zambia and Zimbabwe*

**Background:** Renewals of institutional strengthening projects (ISP) for the above-listed twelve countries are being requested in line with relevant decisions and guidelines of the Executive Committee.

These projects have been included in the UNEP's 2021-2023 Business Plan.

**Objectives:** To assist the Governments of these Article 5 countries in building and strengthening their capacity for the implementation of the Montreal Protocol and its Amendments.

*Activities and description:* Individual documents for these projects – the terminal reports and the action plans - have been submitted to the Multilateral Fund Secretariat separately.

*Time Frame:* 24 months

<i>Per country cost:</i>	<b>Country</b>	<b>US\$</b>
	Afghanistan	192,000
	Belize	98,176
	Burkina Faso	92,685
	Burundi	85,000
	Cambodia	144,214
	Congo	85,000
	Congo DR	85,000
	Equatorial Guinea	102,400
	Eritrea	85,000
	Eswatini	85,000
	Gabon	85,000
	Gambia	85,000
	Grenada	85,000
	Guinea Bissau	85,000
	Iraq	307,200
	Kiribati	85,000
	Kuwait	134,810
	Liberia	109,073
	Madagascar	85,000
	Mauritius	85,000
	Moldova Rep	88,748
	Mongolia	85,000
	Niue	85,000
	Palau	85,000
	Philippines	231,850
	Rwanda	85,000
	Samoa	85,000
	Sao Tome and Principe	85,000
	Somalia	85,000
	Togo	85,000
	Tonga	85,000
	Tuvalu	85,000
	Zambia	85,000
	Zimbabwe	189,750
	<b>Total:</b>	<b>USD 3,645,906</b>

\*Note: No project support costs are requested for institutional strengthening projects.



**MULTILATERAL FUND FOR THE  
IMPLEMENTATION OF THE MONTREAL PROTOCOL  
HFC PHASE-DOWN PLAN PROJECT PREPARATION REQUEST FORM**

**Part I: Project Information**

<b>Project title:</b>	HFC phase-down plan	
<b>Country:</b>	Eswatini	
<b>Lead implementing agency:</b>	UNEP	
<b>Cooperating agency:</b>	UNDP	
<b>Implementation period:</b>	July 2021-June 2023	
<b>Funding requested: US \$130,000* (without PSC)</b>		
<b>Agency</b>	<b>Sector</b>	<b>Funding requested (US \$)*</b>
UNEP	Overarching	100,000
UNDP	Overarching	30,000

\*Given the absence of the approved cost guidelines for the HFC phase-down, UNEP used the draft guidelines for the preparation of HFC phase-down plans for Article 5 countries (decision 8454(a)) which was prepared by MLF Secretariat – the document UNEP/OzL.Pro/ExCom/86/88.

**Part II: Prerequisites for submission**

<b>Item</b>	<b>Yes</b>	<b>No</b>
1. Official endorsement letter from Government specifying roles of respective agencies (where more than one IA is involved)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Ratification of the Kigali Amendment	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**A. Information required to support PRP funding (Overarching strategy)**

<b>1. Montreal Protocol compliance target to be met in <input checked="" type="checkbox"/> stage I of the HFC phase-down plan</b>			
<b>Phase-down commitment</b>	<b>Freeze and 10 %</b>	<b>Year of commitment</b>	<b>2024 and 2029</b>
<input checked="" type="checkbox"/> <b>Servicing only</b>		<input type="checkbox"/> <b>Manufacturing only</b>	<input type="checkbox"/> <b>Servicing and manufacturing</b>
<b>2. Brief background on previous activities related to the Kigali Amendment and HFC phase-down, as well as HPMP stages (i.e. information on the approval and implementation of ODS alternatives survey; approval and progress in implementation of Enabling Activities project with the expected completion date; HPMP implementation)</b>			
<p>The funding for Survey of ODS alternatives for Eswatini was approved at the 74<sup>th</sup> meeting of the Executive Committee in May 2015 at the total amount of US \$70,000 plus agency support cost for UNEP as implementing agency. The project was completed in August 2017 and survey report was submitted to the 80<sup>th</sup> Meeting of the Executive Committee.</p> <p>The Enabling Activities for HFC phase-down project was approved for Eswatini at the 81<sup>st</sup> meeting of the Executive Committee in June 2018 at the total amount of US \$95,000 plus agency support costs for UNEP. Eswatini ratified the Kigali Amendment on 24 November 2020. The implementation of the EA projects is still on going and the Government is expediting EA project activities in light of COVID-19. It is expected to report on achievements of the EA project to the 87<sup>th</sup> Executive Committee meeting.</p>			

The HCFC Phase-out Management Plan (HPMP) Stage I for the Eswatini was approved by the 63<sup>rd</sup> Meeting of the Executive Committee in April 2011 at the total amount of US \$955,344 to enable Eswatini to meet HCFC reduction target by 35% from the baseline consumption by 1 January 2020. UNEP is the lead implementing agency and UNDP is the co-operating implementing agency. All four tranches under the HPMP were approved; first tranche at the 63<sup>rd</sup> meeting, second tranche at 70<sup>th</sup> meeting, third tranche at the 77<sup>th</sup> Meeting and fourth and last tranche at the 83<sup>rd</sup> meeting. Eswatini is currently implementing the fourth tranche of the stage I, which is expected to be completed by December 2021.

Stage II of the HPMP is being prepared to be submitted to the Executive Committee meeting in 2022 with the objective to enable Eswatini to completely phase-out HCFC consumption by 1 January 2030 in accordance with the Montreal Protocol obligations. Under the HPMP Stage II, UNEP is the lead implementing agency and UNDP is the co-operating implementing agency. HPMP Stage II is expected to be implemented from 2022-2030.

**3. Current progress in the implementation of Enabling Activities for HFC phase-down project**

Activity	Description	Implementing agency
Assessment of country's preparedness for HFC phase-down	The NOU has identified additional national stakeholders for the implementation of the Kigali Amendment. Country assessment report is being prepared by the local consultant which includes HFCs market study, training needs assessment for customs officers and refrigeration technicians, and recommendations for the implementation of HFC phase-down.	UNEP
Article 4B licensing & Reporting	<p>The ODS Regulations are currently being amended to include HFCs, HFC blends in the licensing system and other measures to strengthen monitoring and enforcement of refrigerants import control. The draft amendment has been presented to the National Ozone Steering Committee and shared with the legal team of UNEP's Ozone Secretariat for their input.</p> <p>Once finalized, and adopted by stakeholders, the Regulations will go to the Attorney General's office for the approval prior to the Parliamentary approval.</p> <p>Consultation meetings to revise HS code for HFC and mixtures have also been done. Meetings between the NOU and Customs have agreed on the HS codes which will be used during importation of the most common HFCs and HFC blends for purposes of monitoring and recording imports of each specific substance. These codes have already been included in the ASYCUDA World system that Customs uses for statistics</p>	UNEP
Capacity-building & training for alternatives	<p>Consultations with the RAC Association and vocational training centres and the DIVT (the authority responsible for certification and grading) were conducted in June 2020 to reintroduce the need for certifying refrigeration technicians.</p> <p>A meeting held with the national Focal Point for the Harmonisation of Minimum Energy Performance Standards (MEPS) and Labels for Household Refrigerators and Room Air Conditioners project was held and the NOU included in the Technical Committee for this project to ensure the efforts are synergized.</p> <p>Consultations with the Eswatini Standards Authority (SWASA) are on-going on a Refrigeration Standard which has been proposed</p>	UNEP

Communication and targeted awareness raising on KA provisions	Awareness material on the Kigali Amendment to different target audiences was developed and disseminated using different platforms under the COVID-19. Different means of reaching out to different key sectors of the nation were done. For example, brochure and newspaper articles were produced for the public, virtual presentations were made for Parliamentarians, meetings with portfolio committees and briefs with Attorney General's office were organized  In 2020, several meetings with all stakeholders took place (including the Energy department, ODS importers, retailers and distributors of cooling equipment, the RAC sector and Association, the Legislative branch of the Government (including Parliament, where KA was presented and debated before the final decision taken by the Joint Sitting), the legal office of the Ministry of Tourism and Environmental Affairs, the Attorney General's Chambers and Ministry of Foreign Affairs to enable ratification which eventually occurred on November 24 <sup>th</sup> , 2020							
<b>4. Overview of an estimated use of ODS alternatives in 2012-2015 (as per data survey of ODS alternative) and their estimated consumption in 2019 data is in MT</b>								
<b>Substance</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>
<b>HFC-134a</b>	6.8	8.26	5.33	7.17	[shaded]	[shaded]	[shaded]	6.3
<b>HFC-32</b>	0	0	0	0	[shaded]	[shaded]	[shaded]	0
<b>R-404A</b>	0.54	0.69	1.33	2.19	[shaded]	[shaded]	[shaded]	3.6
<b>R-410A</b>	1.03	2.33	4.35	9.2	[shaded]	[shaded]	[shaded]	4.0
<b>Sub total</b>	<b>8.37</b>	<b>11.28</b>	<b>11.01</b>	<b>18.56</b>	[shaded]	[shaded]	[shaded]	<b>13.9</b>
<b>HC-290</b> (Propane)	1.24	1.28	0.029	1.92	[shaded]	[shaded]	[shaded]	3.2
<b>HC-600a</b> (Iso-butane)	1.10	2.14	5.5	4.31	[shaded]	[shaded]	[shaded]	2.8
<b>Cyclopentane</b>	-	10.66	34	18	[shaded]	[shaded]	[shaded]	8.9
<b>Remark:</b> Estimated 2012-2015 use of HFCs and other alternatives is from ODS Alternatives Survey, which was analysed from the inventory of RAC and MAC equipment and their servicing need. The estimated consumption in 2019 is obtained from data collection on import statistics of importers and inputs from RAC Association. Unlike 2019, data from 2016 to 2018 is not available due to difficulties in obtaining data from the importers since the import of these substances were not legally regulated.								
<b>5. Based on the consumption data given above, please provide a description of the sector/sub-sector that use HFCs in the country, including a short analysis and explanation of the consumption trends (i.e., increasing or decreasing)</b>								
Based on data from the ODS alternatives survey of 2012-2015 and initial results of Country Assessment Report, it was found that HFCs, blends, hydrocarbon and cyclopentane are main alternatives to ODS in RAC and MAC sectors and manufacturing sector. <ul style="list-style-type: none"> <li>○ Eswatini's use of ODS alternatives between 2012 and 2015 varied with an increasing trend observed for R-404a and R-410A. Among the HFCs, R-134a remains the most widely used refrigerant, mainly in the servicing sector, with very limited amounts used in manufacturing (at customer's specifications)</li> <li>○ The 2019 statistics by type of refrigerant shows that the share of HFC-134a was the highest in the servicing sector and is followed by R-4010A and R-404A respectively. Eswatini's highest consumption of natural refrigerant is cyclopentane, which is being used in replacement of HCFC141b in the foam making sector, while the share of other hydrocarbon is much lower when compared to HFCs.</li> </ul>								

- The 2012-2015 ODS alternatives survey shows that the first three largest ODS alternatives consumption sub-sectors were mobile air-conditioning (MAC) at 68%, domestic refrigerator and freezers at 11% and commercial & domestic air conditioning at 9% of the total ODS alternatives consumption respectively.

Subsector specific detail on the use of ODS alternatives from the 2015 survey are as follows;

- Room air-conditioning and commercial air-conditioning (Large split type, VRF): There has been rising trend of R-410A to replace HCFC-22 for this sub-sector, but the growth rate is not high. Although HFC-32 had entered the local market since 2016, the market is still dominated by R-410A technology. There is no R-290 room air-conditioner found in Eswatini.
- Chillers: Chillers operating on ODS alternatives mainly use HFC-134a for centrifugal chillers and R-410A for small chillers. Due to the economic growth of the country, there has been more installation of chillers in the shopping mall and irrigation projects.
- Domestic refrigerators: The domestic refrigerators are imported as the new pre-charged equipment and also locally manufactured at Palfridge. Mostly this sector uses HFC-134a and HC-600a. While HFC-134a is dominated in this subsector, the share of HFC-134a system is expected to decline due to higher penetration of HC-600a and HC-290 in refrigerators which are both imported and locally produced. The manufacturing sector usage of HFC-134a is very limited.
- Commercial refrigerators: HFC-134a, R-404A, HC-600a and HC-290 are used as refrigerant in this sub-sector. HFC-134a (stand-alone unit) is predominated and follow by R-404A (stand-alone and condensing unit). While HFC-134a is dominated in the market, R-404A had shown potentially higher growth with the possibility of HC-600a and HC-290 to be introduced in the market.
- Large refrigeration system (cold storage and industrial refrigeration system): The share by refrigerant type is dominated by ammonia and small share for the R-404A system.
- Mobile Air-conditioner (MAC): This sub-sector only uses HFC-134a as refrigerant, and due to the increasing numbers of cars on local roads this sector consume the highest consumption of HFC.
- Foam making sectors: This subsector uses cyclopentane for making rigid foam.

**6. Description of information that needs to be gathered and updated. Explain why this has not been undertaken during the implementation of activities related to the Kigali Amendment and HFC phase-down**

Information needed	Description	Agency
Updated HFC and other ODS alternatives data	There is a need to update HFCs and ODS alternatives used in RAC servicing sector per refrigerant type and application because the latest detailed available information is from 2015 from the ODS Alternatives Survey. The Country Assessment Report prepared under the Enabling Activities for HFC Phase-down does not include sectoral consumption of ODS alternatives as it only focused on import and export statistics of HFCs and blends. The updated information would enable the country to conduct comprehensive analysis to understand the future consumption of HFCs based on current situation and identify actions to curb the growth of HFCs in the future.	UNEP

**7. Activities to be undertaken for project preparation and funding**

Activity	Cost items	Indicative funding (US \$)	Agency

National wide survey including (i) preparation and finalization of questionnaires and data collection, (ii) survey analyses and (iii) national consultation workshop with relevant stakeholders, (iv) sector specific meetings	Preparation and finalization of survey questionnaires and conducting national-wide data collection on (i) import/export statistics of ODS alternatives and RAC and MAC equipment; (ii) updated inventory of RAC and MAC equipment, and their applications; and (iii) general information related to servicing of the equipment (leakage rate etc...).	25,000	UNEP
	Survey data analysis on the use of ODS alternatives by refrigerant and by sector	10,000	UNEP
	National consultation workshop and sector specific meetings for national-wide data collection	10,000	UNEP
	Sector specific meetings for data validation and finalization of data analysis	10,000	UNEP
Development of the overarching strategy and project document of HFC Phase-down Management Plan	Evaluation of the need and development of strategy, components and action plans for non-investment components	10,000	UNEP
	Evaluation of the need and development of strategy, components and action plans for non-conversion investment components	30,000	UNDP
	Sector specific meetings for development of strategy, components and action plans	5,000	UNEP
	National consultation workshop for finalization of overarching strategy and HFC Phase-down Management Plan	5,000	UNEP
	International consultant for guiding the national wide data collection, validation and analysis and to develop overarching strategy and project document of HFC Phase-down Management Plan	25,000	UNEP
<b>TOTAL</b>		<b>130,000</b>	
<b>8. How will activities related to the implementation of the HPMP be considered during project preparation for HFCs phase-down plan?</b>			
Lessons learned from the HPMP will be considered in planning and development of the HFC phase-down. HFC phase-down plan will use the infrastructures established under the HPMP implementation, in particular the existing institutional framework and networks will form the foundation for the HFC phase-down activities, the licensing system will be taken into account and training for refrigeration technicians and enforcement officers and other activities will be coordinated to ensure smooth and cost-effective implementation of HFC phase-down as well as sustaining of HCFC phase-out.			
<b>9. How will the Multilateral Fund gender policy be considered during project preparation?</b>			
The NOU is well aware of the Multilateral Fund Gender Policy and the relevant Executive Committee decision 84/92. During the project preparation all relevant stakeholders will be sensitized on the gender policy as well as the National Gender Policy. Efforts will be made to ensure that female stakeholders			

have equal opportunity to participate in the project preparation and implementation. When developing individual components of the plan, it will be ensured that gender-disaggregated data will be collected.