



执行蒙特利尔议定书
多边基金执行委员会
第八十八次会议
2021年11月15日至19日，蒙特利尔¹

截至2020年12月31日工发组织的进度报告

1. 本文件提出工发组织截至2020年12月31日的进度报告。²

导言

2. 工发组织的进度报告包括各个项目的执行情况报告，其中包括35个与氢氟碳化物相关的项目，这些项目由17个非第5条缔约方的额外自愿捐款资助，为执行《基加利修正案》提供快速启动支助。

3. 秘书处按国家审查了每个正在进行的项目实施情况，同时根据2020年报告的计划完成日期考虑到在实施工作方面的各种延误、这些延误对受控物质的淘汰以及资金的计划发放可能产生的影响。这份文件所载的分析根据所有受控物质的ODP吨数计算，但氢氟碳化物以CO₂-eq吨为单位。³

文件范围

4. 本文件由以下各部分组成：

第一部分： 根据向多边基金提供的定期捐款批准的项目。它总结了2020年和自1991年以来累积的项目实施进展情况，这些项目涉及《蒙特利尔议定书》所列的所有受控物质，其中包括附件F的物质（氢氟碳化物）；

¹ 由于2019年冠状病毒病（COVID-19），将于2021年11月和12月举行在线会议和闭会期间批准程序。

² 进度报告作为附件附于本文件。数据都已包括在综合进度报告数据库内，供查阅索取。

³ 根据第84/12号决定(a)(iv)段，以CO₂-eq吨为氢氟碳化物测量单位的规定已列入提交给第八十八次会议的进度报告。

它载列了在国家一级每个正在进行的项目的执行情况的审查；⁴它查明了有执行延误及其对淘汰受控物质有潜在影响的项目以及有待执行委员会审议的未决问题的项目。

第二部分： 根据额外自愿捐款批准用于逐步减少氢氟碳化物的快速启动支助的项目。它总结了由自愿捐款供资的逐步减少氢氟碳化物项目的实施情况。⁵

建议。

5. 本文件还载有以下两份附件：

附件一： 供执行委员会审议的每个有未决问题的正在执行的项目的状况摘要和建议。

附件二： 对进度报告的分析。

第一部分： 根据向多边基金提供的定期捐款批准的项目

2020 年及至今执行项目取得的进展摘要报告

6. 工发组织在 2020 年以及自 1993 年⁶至 2020 年 12 月 31 日累计执行的项目和活动总结如下：

- (a) **淘汰：**2020 年，淘汰了 213.2 ODP 吨⁷受控物质消费量，并另外核准淘汰 662.4 ODP 吨受控物质消费量。1993 年以来，在核准的项目预期淘汰的总量 82,604 ODP 吨和 211,531 CO₂-eq 公吨中，已淘汰 63,143 ODP 吨和 211,531 CO₂-eq 公吨受控物质消费量和 17,381 ODP 吨受控物质生产量（不包括取消的和移交的项目）；
- (b) **资金发放/批准：**2020 年，发放了 2,065 万美元，此外，根据 2019 年进度报告预备发放 2,316 万美元，这代表达到计划的发放率的 89%。总计而言，在核准发放的 8.5387 亿美元中，已经发放 7.6133 亿美元（机构支助费除外），这达到发放率 89%。2020 年，为执行工作核准了 1,574 万美元。

⁴ 正在执行的项目是指在 2020 年 12 月 31 日仍在执行的所有项目。进度的关键指标：发放的资金的百分比和已经开始发放资金的项目的百分比；根据核准的供资的百分比，预期在年底以前发放的资金；项目执行的平均拖延时间；进度报告数据库说明栏内提供的信息。

⁵ 根据第 84/12 号决定（b）段，一份详细的进度报告载于综合进度报告（UNEP/OzL.Pro/ExCom/88/12）内，其中应概述各项目标、实施状况、主要结论和经验教训、在适用情况下淘汰的氢氟碳化物数量、批准和发放的资金数额以及完成这些项目和活动所面临的潜在挑战。

⁶ 工发组织在 1993 年成为执行机构。

⁷ 其中包括在 2020 年为氢氟碳化物相关项目淘汰 118.7 吨（211,531CO₂-EQ 吨）。

- (c) **成本效益（按 ODP 计算）：**⁸1993 年以来，导致永久削减消费量的核准投资项目的平均成本效益为每公斤 11.20 美元，所有生产行业（氟氯化碳和甲基溴）的平均成本效益为每公斤 2.93 美元。投资项目的平均成本效益为已完成的项目每 ODP 吨每公斤 7.36 美元和进行中的项目每公斤 45.75 美元。⁹
- (d) **完成的项目数目：**2020 年，完成了 48 个项目。1993 年以来，在核准的 1,851 个项目中，完成了 1,604 个项目（不包括取消和移交的项目），这表示完成率为 87%。
- (e) **交付速度 – 投资项目：**2020 年完成的项目平均在其得到核准后 67 个月内完成。1993 年以来，完成投资项目的平均时间为项目得到批准后 39 个月。这些项目平均在其得到批准后 9 个月开始首次发放资金。
- (f) **交付速度 – 非投资项目：**2020 年完成的项目平均在其得到核准后 40 个月内完成。1993 年以来，完成非投资项目的平均时间为项目得到批准后 36 个月。这些项目平均在其得到批准后 9 个月开始首次发放资金。
- (g) **项目编制：**到 2020 年底，在得到核准的 546 个项目的编制活动中，488 个项目已经完成，只有 58 项活动仍在进行。2020 年，已完成 13 项编制活动。
- (h) **执行拖延：**截至 2020 年底，在执行的 247 个项目中，平均拖延 23 个月。在这些项目中，有 35 个项目被认为“执行拖延的项目”，¹⁰它们会受到项目撤销程序的审议（示范项目、项目编制和体制强化项目不会受到这些程序的审查）；和
- (i) **多年期协定：**2020 年实施的项目有 1 项淘汰消耗臭氧层物质的多年期协定、1 项淘汰甲基溴生产量的多年期协定、1 项控制和淘汰 HFC-23 排放的多年期协定和 79 项氟氯烃淘汰管理计划。1993 年以来，核准了 175 项多年期协定和完成了 93 项多年期协定，这代表完成率为 53%。

2020 年的项目执行进度

7. 在审查过程之后，除了被归类为执行拖延项目的 35 个项目（包括依照第 84/45 号决定（c）段，与受项目撤销程序审查的 33 个多年期协定的组成部分；和两个投资项目）外，对一些问题进行了讨论并得到了满意解决。本文件附件一载列了被认定有执行拖延的项目以及秘书处要求向第九十次会议提交一份报告的建议。

⁸ 其中包括氢氟碳化物投资项目的 118.7 公吨。由于核准的项目数目有限，以 CO₂-eq 计算的成本效益未列入其中。

⁹ 正在进行的项目的成本效益值较高大都是因为氟氯烃的 ODP 值较低，但也由于各机构用于淘汰的技术。

¹⁰ 项目核准超过 18 个月以上而发放资金少于 1%，或项目完成日期超过进度报告预期完成日期 12 个月以上（第 22/61 号决定）（但示范项目、项目编制和体制强化项目不受此程序审查）。

8. 此外，还确定了一些与各个项目、多年期协定的付款和氟氯烃淘汰管理计划的编制有关的问题。这些问题也列在本文件附件一中。对于这些项目中的每一个项目，都简要说明其执行情况 and 各项未决问题，并提出建议供执行委员会审议。

9. 向第八十八次会议提交了以下各国与执行氟氯烃淘汰管理计划的项目有关的详细进度报告：巴林、¹¹巴西、¹²喀麦隆、¹³智利、¹⁴中国（挤塑聚苯乙烯泡沫塑料行业计划和室内空调行业计划）、¹⁵埃及、¹⁶埃塞俄比亚、¹⁷科威特、¹⁸尼日尔、¹⁹北马其顿、²⁰阿曼、²¹巴基斯坦、²²卡塔尔、²³塞内加尔²⁴和苏丹，²⁵以及与利比亚（氟氯烃淘汰管理计划）、²⁶沙特阿拉伯（氟氯烃淘汰管理计划）和中国（甲基溴生产淘汰计划）²⁷具有特定报告要求的项目的报告。有关这些项目的未决问题的建议，包括批准申请延期的要求，都在这些文件的相关部分讨论。阿尔及利亚、阿根廷、伊朗伊斯兰共和国、约旦、南非和苏里南应在第八十八次会议提交但未提交的与氟氯烃淘汰管理计划相关的问题以及墨西哥和委内瑞拉玻利瓦尔共和国提交给第八十八次会议但随后在项目审查过程中撤销的与氟氯烃淘汰管理计划相关的问题都在拖延付款申请的文件中得到解决。²⁸本文件附件一内未载列的其余正在进行的项目的未决问题以及延长完成日期的申请都在下文讨论。

10. 在 170 个正在进行的项目中，除体制强化项目和项目编制外，自 2019 年进度报告以来，81 个项目已修改了计划完成日期。

11. 根据第 82/11 号决定(c)(ii)段，秘书处指出，过去两年没有提交延长阿拉伯叙利亚共和国体制强化项目的申请；主要原因是由于实施进展缓慢，目前仍有大量结余；不过，工发组织计划在 2022 年提出延长项目的申请。

¹¹ UNEP/OzL.Pro/ExCom/88/38。

¹² UNEP/OzL.Pro/ExCom/88/39。

¹³ UNEP/OzL.Pro/ExCom/88/41。

¹⁴ UNEP/OzL.Pro/ExCom/88/42。

¹⁵ UNEP/OzL.Pro/ExCom/88/43。

¹⁶ UNEP/OzL.Pro/ExCom/88/47。

¹⁷ UNEP/OzL.Pro/ExCom/88/48。

¹⁸ UNEP/OzL.Pro/ExCom/88/52。

¹⁹ UNEP/OzL.Pro/ExCom/88/55。

²⁰ UNEP/OzL.Pro/ExCom/88/57。

²¹ UNEP/OzL.Pro/ExCom/88/58。

²² UNEP/OzL.Pro/ExCom/88/59。

²³ UNEP/OzL.Pro/ExCom/88/60。

²⁴ UNEP/OzL.Pro/ExCom/88/62。

²⁵ UNEP/OzL.Pro/ExCom/88/64。

²⁶ UNEP/OzL.Pro/ExCom/88/18。

²⁷ UNEP/OzL.Pro/ExCom/88/18/Add.1。

²⁸ UNEP/OzL.Pro/ExCom/88/21。

12. 根据第 82/11 号决定(b)段，²⁹工发组织已请求将一些氟氯烃淘汰管理计划的期限延长至 2022 年 12 月 31 日之后；那些没有作为付款申请的一部分提交的项目在关于具有具体报告要求的项目报告的文件中得到了处理。³⁰此外，如表 1 所示，工发组织已申请延长一个冷风机项目和一个逐步减少氢氟碳化物的扶持活动的项目。

表 1. 已提出延长完成日期的申请的项目

国家/项目编号	项目名称	资金发放 (%)	现况/问题	原定完成日期	申请完成日期
全球冷风机项目 (阿根廷) GLO/REF/80/DEM/344	全球冷风机项目 (阿根廷)	13	采购和安装设备以及从现有冷风机回收氟氯化碳需要额外时间	2021 年 12 月	2022 年 12 月
约旦 JOR/SEV/82/TAS/104	逐步减少使用氢氟碳化物的扶持活动	42	由于 COVID-19 的各项限制，完成有关提高逐步减少氢氟碳化物、提高能源效率、监测和控制氢氟碳化物的认识的研讨会需要更多时间	2021 年 12 月	2022 年 6 月

第二部分： 根据额外自愿捐款批准用于逐步减少氢氟碳化物的快速启动支助的项目

13. 截至 2020 年 12 月 31 日，执行委员会已在额外自愿捐款项下批准了 35 个与氢氟碳化物相关的项目，金额为 8,085,163 美元（不包括机构支助费用）。表 2 载列了这些项目的状况摘要。

表 2. 截至 2020 年底各项核准的氢氟碳化物相关项目的状况

项目类别	项目数目			供资(美元)*			
	已批准	已完成	完成%	已批准	已发放	余额	发放%
投资项目**	3	1	33%	3,912,736	2,116,176	1,796,560	54
项目编制	4	4	100%	119,755	101,389	18,366	85
技术援助 – 扶持活动	28	8	29%	4,052,672	2,860,759	1,191,913	71
共计	35	13	37%	8,085,163	5,078,324	3,006,839	63

* 不包括机构支助费用。

** 已淘汰 265.1 公吨（508,586 CO₂-eq 公吨）氢氟碳化物中的 112.5 公吨（245,860 CO₂-eq 公吨）。

14. 截至 2020 年底，在已批准的 35 个项目中，已完成 13 个项目，其中包括投资项目 1 个、编制活动 4 个、扶持活动 8 个，尚有 22 个正在进行。批准延长 20 项正在进行的扶持活动的完成日期；这些活动都处于不同的实施阶段。

15. 如上表 3 所示，根据第 82/11 号决定 (b)，³¹工发组织要求进一步延长 3 个扶持活动项目的期限。

²⁹ 任何延期的申请都必须在项目完成日期之前提交执行委员会批准，并指出在批准延期之前不得作出新的付款承诺。

³⁰ UNEP/OzL.Pro/ExCom/88/18。

³¹ 任何延期的申请都必须在项目完成日期之前提交执行委员会批准，并指出在批准延期之前不得作出新的付款承诺。

表 3. 已提出延长完成日期的申请的项目

国家/项目编号	项目名称	资金发放 (%)	现况/问题	修订后的完成日期	申请完成日期
智利 CHI/SEV/80/TAS/02+	逐步减少使用氢氟碳化物的扶持活动	22	由于 COVID-19 的各项限制，完成与氢氟碳化物的控制、能源效率和维修行业安全采用易燃制冷剂相关的培训和政策的活动需要额外的时间	2021 年 12 月	2022 年 6 月
摩洛哥 MOR/SEV/81/TAS/01+	逐步减少使用氢氟碳化物的扶持活动	9	由于 COVID-19 的各项限制，完成氢氟碳化物消费量的调查和对批准《基加利修正案》提供支持需要更多时间	2022 年 1 月	2022 年 12 月
乌拉圭 URU/SEV/80/TAS/01+	逐步减少使用氢氟碳化物的扶持活动	87	由于 COVID-19 的各项限制，完成技术人员处理使用碳氢化物(HC)制冷剂的培训计划以及最终用户减少氢氟碳化物消费量和促进制冷剂再生使用的活动需要更多时间	2021 年 12 月	2022 年 6 月

16. 正在进行的投资项目包括在第八十一次会议获得批准的阿根廷和墨西哥制冷行业的 2 个项目；这些项目分别将于 2021 年和 2022 年完成。在审查过程之后，这些项目被归类为有执行拖延的项目以及列入本文件附件一，其中载有秘书处要求向第九十次会议提交报告的建议。

17. 在核准的累计供资总额 8,085,163 美元中，已发放 5,078,324 美元，支付率达到 63%。

建议

18. 谨请执行委员会：

- (a) 注意到载于 UNEP/OzL.Pro/ExCom/88/16 号文件所发组织截至 2020 年 12 月 31 日的进度报告；
- (b) 批准延长 UNEP/OzL.Pro/ExCom/88/16 号文件表 1 所载各个项目的完成日期，以便完成目前正在进行的剩余活动；
 - (i) 约旦逐步减少氢氟碳化物的扶持活动（JOR/SEV/82/TAS/104）延长到 2022 年 6 月 30 日；
 - (ii) 阿根廷全球冷风机替换项目（GLO/REF/80/DEM/344）延长到 2022 年 12 月 31 日；

- (c) 批准延长 UNEP/OzL.Pro/ExCom/88/16 号文件表 3 所载各个项目的完成日期，以便完成目前正在进行的剩余活动；
- (i) 智利逐步减少氢氟碳化物的扶持活动（CHI/SEV/80/TAS/02+）延长到 2022 年 6 月 30 日；
 - (ii) 摩洛哥逐步减少氢氟碳化物的扶持活动（MOR/SEV/81/TAS/01+）延长到 2022 年 12 月 31 日；
 - (iii) 乌拉圭逐步减少氢氟碳化物的扶持活动（URU/SEV/80/TAS/01+）延长到 2022 年 6 月 30 日；和
- (d) 批准本文件附件一所载与具有特殊问题的正在进行的项目有关的建议。

附件一

工发组织进度报告中目前正在进行的有未决问题的项目

国家/项目编号*	项目名称	资金发放 (%)	现况/问题	建议
阿富汗 AFG/PHA/77/INV/20	氟氯烃淘汰管理计划（第一阶段，第二次付款）	98	1) 拖延 12 个月 由于政治局势和缺乏国家臭氧机构人员，导致执行拖延	1) 请工发组织就执行拖延的这个项目向第九十次会议提出报告 2) 请工发组织就执行进展情况向第九十次会议提出状况报告
阿富汗 AFG/PHA/79/INV/22	氟氯烃淘汰管理计划（第一阶段，第三次付款）	0	1) 拖延 12 个月至 18 个月 2) 由于政治局势和缺乏国家臭氧机构人员，导致执行拖延，资金无法发放	1) 请工发组织就执行拖延的这个项目向第九十次会议提出报告 2) 请工发组织就执行进展和资金发放情况向第九十次会议提出状况报告
阿富汗 AFG/PHA/82/PRP/25	编制氟氯烃淘汰管理计划（第二阶段）	92	由于政治局势和缺乏国家臭氧机构人员，导致执行拖延	请工发组织就执行进展情况向第九十次会议提出状况报告
阿富汗 AFG/PHA/85/INV/28	氟氯烃淘汰管理计划（第一阶段，第四次付款）	0	由于政治局势和缺乏国家臭氧机构人员，导致执行拖延	请工发组织就执行进展情况向第九十次会议提出状况报告
阿富汗 AFG/PHA/85/INV/30	氟氯烃淘汰管理计划(第二阶段，第一次付款)	0	1) 拖延 12 个月 2) 由于政治局势和缺乏国家臭氧机构人员，导致执行拖延，资金无法发放	1) 请工发组织就执行拖延的这个项目向第九十次会议提出报告 2) 请工发组织就执行进展和资金发放情况向第九十次会议提出状况报告
阿尔巴尼亚 ALB/PHA/85/INV/41	氟氯烃淘汰管理计划(第二阶段，第一次付款)	0	拖延 12 个月	请工发组织就执行拖延的这个项目向第九十次会议提出报告
阿尔及利亚 ALG/PHA/66/INV/76	氟氯烃淘汰管理计划（第一阶段，第一次付款）（Condor 公司停用 HCFC-22 制造室内空调机）	64	拖延 12 个月	请工发组织就执行拖延的这个项目向第九十次会议提出报告
阿尔及利亚 ALG/PHA/66/INV/77	氟氯烃淘汰管理计划(第一阶段，第一次付款)（制冷维修行业的活动，包括淘汰用于冲洗的 HCFC-141b 和项目监测）	45	拖延 12 个月	请工发组织就执行拖延的这个项目向第九十次会议提出报告
阿根廷 ARG/PHA/79/INV/180	氟氯烃淘汰管理计划(第二阶段，第一次付款)（制冷维修行业）	85	拖延 12 个月	请工发组织就执行拖延的这个项目向第九十次会议提出报告
阿根廷 ARG/PHA/80/INV/184	氟氯烃淘汰管理计划(第二阶段，第一部分)（泡沫塑料行业）	34	拖延 12 个月	请工发组织就执行拖延的这个项目向第九十次会议提出报告

国家/项目编号*	项目名称	资金发放 (%)	现况/问题	建议
阿根廷 ARG/PHA/80/TAS/185	氟氯烃淘汰管理计划(第二阶段, 第一部分) (管理和协调)	87	拖延 12 个月	请工发组织就执行拖延的这个项目向第九十次会议提出报告
阿根廷 ARG/PHA/84/TAS/191	氟氯烃淘汰管理计划(第二阶段, 第二次付款) (监测和报告 HCFC-22 生产量)	0	由于 COVID-19 的旅行限制, 导致拖延提交核查报告, 资金无法发放	请工发组织就完成 HCFC-22 生产量的核查报告和资金发放情况向第九十次会议提出状况报告
阿根廷 ARG/REF/81/INV/01+	在 Briket、Bambi 和 Mabe-Kronen 制造家用和商用制冷设备中将异丁烷 (R-600a)/丙烷 (R-290) 制冷剂更换 HFC-134a 制冷剂的转换项目	58	拖延 12 个月	请工发组织就执行拖延的这个项目向第九十次会议提出报告
全球冷风机项目 (阿根廷) GLO/REF/80/DEM/344	全球冷风机项目 (阿根廷)	13	采购和安装设备以及从现有冷风机回收氟氯化碳需要额外时间	请工发组织就采购和安装冷风机和回收现有冷风机中氟氯化碳向第九十次会议提出状况报告
博茨瓦纳 BOT/PHA/75/INV/18	氟氯烃淘汰管理计划 (第一阶段, 第一次付款)	90	拖延 12 个月	请工发组织就执行拖延的这个项目向第九十次会议提出报告
博茨瓦纳 BOT/PHA/82/INV/21	氟氯烃淘汰管理计划 (第一阶段, 第二次付款)	0	拖延 18 个月; 资金无法发放	请工发组织就执行拖延的这个项目向第九十次会议提出报告
刚果 PRC/PHA/76/INV/31	氟氯烃淘汰管理计划 (第一阶段, 第三次付款)	89	拖延 12 个月	请工发组织就执行拖延的这个项目向第九十次会议提出报告
伊朗伊斯兰共和国 IRA/PHA/77/INV/228	氟氯烃淘汰管理计划(第二阶段, 第一次付款) (泡沫塑料行业)	61	拖延 12 个月	请工发组织就执行拖延的这个项目向第九十次会议提出报告
伊朗伊斯兰共和国 IRA/PHA/84/INV/239	氟氯烃淘汰管理计划(第二阶段, 第二次付款) (泡沫塑料行业)	2	拖延 12 个月; 资金发放不足	请工发组织就执行拖延的这个项目向第九十次会议提出报告
伊朗伊斯兰共和国 IRA/PHA/84/TAS/240	氟氯烃淘汰管理计划(第二阶段, 第二次付款) (制冷维修行业)	0	拖延 12 个月; 资金无法发放	请工发组织就执行拖延的这个项目向第九十次会议提出报告
伊拉克 IRQ/PHA/58/INV/09	国家淘汰计划 (第一次付款)	89	拖延 12 个月	请工发组织就执行拖延的这个项目向第九十次会议提出报告
伊拉克 IRQ/PHA/74/INV/23	氟氯烃淘汰管理计划(第一阶段, 第二次付款) (制冷维修行业)	19	拖延 12 个月	请工发组织就执行拖延的这个项目向第九十次会议提出报告
伊拉克 IRQ/REF/57/INV/07	Light Industries 公司在制造家用冰箱和冻柜中以异丁烷代替 CFC-12 制冷剂和以环戊烷代替起泡剂 CFC-11	89	拖延 12 个月	请工发组织就执行拖延的这个项目向第九十次会议提出报告
约旦 JOR/PHA/77/INV/100	氟氯烃淘汰管理计划(第二阶段, 第一次付款) (聚氨酯喷涂泡沫塑料行业)	64	拖延 12 个月	请工发组织就执行拖延的这个项目向第九十次会议提出报告

国家/项目编号*	项目名称	资金发放 (%)	现况/问题	建议
约旦 JOR/PHA/77/INV/101	氟氯烃淘汰管理计划(第二阶段, 第一次付款) (制冷维修行业)	48	拖延 12 个月	请工发组织就执行拖延的这个项目向第九十次会议提出报告
约旦 JOR/PHA/84/INV/106	氟氯烃淘汰管理计划(第二阶段, 第二次付款) (聚氨酯喷涂泡沫塑料行业)	0	由于 COVID-19 的各项限制对完成工作协定的拖延; 资金无法发放	请工发组织就执行进展和资金发放情况向第九十次会议提出状况报告
约旦 JOR/PHA/84/TAS/107	氟氯烃淘汰管理计划(第二阶段, 第二次付款) (制冷维修行业, 项目管理和协调)	2	由于 COVID-19 的各项限制对进行培训方案和举行与项目相关会议的拖延; 资金无法发放	请工发组织就执行进展和资金发放情况向第九十次会议提出状况报告
利比亚 LIB/PHA/75/INV/36	氟氯烃淘汰管理计划(第一阶段, 第一部分) (泡沫塑料行业)	71	1) 拖延 12 个月 2) 由于国内政治局势, 执行缓慢	1) 请工发组织就执行拖延的这个项目向第九十次会议提出报告 2) 请工发组织就执行进展情况向第九十次会议提出状况报告
利比亚 LIB/PHA/75/INV/37	氟氯烃淘汰管理计划(第一阶段, 第一次付款) (制冷维修行业)	54	1) 拖延 12 个月 2) 由于国内政治局势, 执行缓慢	1) 请工发组织就执行拖延的这个项目向第九十次会议提出报告 2) 请工发组织就执行进展情况向第九十次会议提出状况报告
利比亚 LIB/PHA/82/INV/42	氟氯烃淘汰管理计划(第一阶段, 第二次付款) (制冷维修行业)	12	1) 拖延 12 个月 2) 由于国内政治局势, 执行缓慢	1) 请工发组织就执行拖延的这个项目向第九十次会议提出报告 2) 请工发组织就执行进展情况向第九十次会议提出状况报告
利比亚 LIB/FOA/82/PRP/41	编制氟氯烃淘汰投资活动 (第二阶段) (泡沫塑料行业)	6	由于国内政治局势, 执行缓慢; 资金发放不足	请工发组织就氟氯烃淘汰管理计划第二阶段的制定和资金发放情况向第九十次会议提出状况报告
利比亚 LIB/FOA/82/PRP/43	编制氟氯烃淘汰管理计划 (第二阶段)	0	由于国内政治局势, 执行缓慢; 资金无法发放	请工发组织就氟氯烃淘汰管理计划第二阶段的制定和资金发放情况向第九十次会议提出状况报告
马达加斯加 MAG/PHA/76/INV/28	氟氯烃淘汰管理计划 (第一阶段, 第三次付款)	96	拖延 12 个月	请工发组织就执行拖延的这个项目向第九十次会议提出报告
墨西哥 MEX/PHA/77/INV/183	氟氯烃淘汰管理计划(第二阶段, 第二次付款) (制冷维修行业)	97	拖延 12 个月	请工发组织就执行拖延的这个项目向第九十次会议提出报告

国家/项目编号*	项目名称	资金发放 (%)	现况/问题	建议
墨西哥 MEX/REF/81/INV/04+	将 Imbera 公司商用制冷的两个设施使用的制冷剂 HFC-134a 和 R-404A 转换为丙烷(R-290)和异丁烷 (R-600a)	1	拖延 12 个月; 资金发放不足	请工发组织就执行拖延的这个项目向第九十次会议提出报告
黑山 MOG/PHA/85/INV/16	氟氯烃淘汰管理计划(第二阶段, 第一次付款)	0	拖延 12 个月; 资金无法发放	请工发组织就执行拖延的这个项目向第九十次会议提出报告
莫桑比克 MOZ/PHA/83/INV/31	氟氯烃淘汰管理计划 (第一阶段, 第三次和第四次付款)	0	拖延 18 个月; 资金无法发放	请工发组织就执行拖延的这个项目向第九十次会议提出报告
MYA/PHA/80/INV/19	氟氯烃淘汰管理计划 (第一阶段, 第二次付款)	90	由于政治局势和联合国与政府的来往中断, 导致执行拖延	请工发组织就执行进展和恢复活动情况向第九十次会议提出状况报告
MYA/PHA/83/PRP/20	编制氟氯烃淘汰管理计划 (第二阶段)	0	由于政治局势和联合国与政府的来往中断, 导致执行拖延; 资金无法发放	请工发组织就氟氯烃淘汰管理计划第二阶段的制定情况向第九十次会议提出状况报告
南非 SOA/PHA/71/INV/06	氟氯烃淘汰管理计划(第一阶段, 第二次付款) (制冷维修、海关培训和监测)	94	拖延 12 个月	请工发组织就执行拖延的这个项目向第九十次会议提出报告
南非 SOA/PHA/83/TAS/13	氟氯烃淘汰管理计划(第一阶段, 第四次付款) (制冷维修、海关培训和监测)	0	拖延 18 个月; 资金无法发放	请工发组织就执行拖延的这个项目向第九十次会议提出报告
阿拉伯叙利亚共和国 SYR/REF/62/INV/103	从 Al Hafez 集团制造单元式空调设备和硬质聚氨酯绝缘板中淘汰 HCFC-22 和 HCFC-141b	69	拖延 12 个月	请工发组织就执行拖延的这个项目向第九十次会议提出报告
土库曼斯坦 TKM/PHA/86/INV/17	氟氯烃淘汰管理计划(第二阶段, 第一次付款)	0	拖延 12 个月; 资金无法发放	请工发组织就执行拖延的这个项目向第九十次会议提出报告
坦桑尼亚联合共和国 URT/PHA/76/INV/35	氟氯烃淘汰管理计划 (第一阶段, 第二次付款)	66	拖延 12 个月	请工发组织就执行拖延的这个项目向第九十次会议提出报告
委内瑞拉玻利瓦尔共和国 VEN/PHA/76/INV/134	氟氯烃淘汰管理计划 (第二阶段, 第一次付款) (技术援助制冷和空调制造行业)	69	拖延 12 个月	请工发组织就执行拖延的这个项目向第九十次会议提出报告
委内瑞拉玻利瓦尔共和国 VEN/PHA/76/TAS/132	氟氯烃淘汰管理计划(第二阶段, 第一次付款) (制冷维修行业)	64	拖延 12 个月	请工发组织就执行拖延的这个项目向第九十次会议提出报告

国家/项目编号*	项目名称	资金发放 (%)	现况/问题	建议
赞比亚 ZAM/PHA/77/INV/33	氟氯烃淘汰管理计划（第一阶段，第三次付款）	0	拖延 12 个月至 18 个月； 资金无法发放	请工发组织就执行拖延的这个项目向第九十次会议提出报告

* 以“+”结尾的项目编号是来自额外捐款的项目。

附件二

对工发组织截至 2020 年 12 月 31 日的进度报告的分析

1. 本附件由以下两部分组成：

第一部分： 根据向多边基金提供的定期捐款批准的项目。

第二部分： 根据额外自愿捐款批准用于逐步减少氢氟碳化物的快速启动支助的项目。

第一部分： 根据向多边基金提供的定期捐款批准的项目

2. 如表 1 所示，截至 2020 年 12 月 31 日，执行委员会已批准 9.6676 亿美元，其中 8.5387 亿美元用于实施投资和非投资项目，1.1289 亿美元用于机构支持费用。2020 年，批准了 58 个新项目和活动。这笔供资预期将淘汰 82,604 ODP 吨受控物质的消费量和生产量。

表 1： 截至 2020 年 12 月 31 日按行业为工发组织核准的供资

行业	供资(美元)
气雾剂	34,413,701
销毁	3,805,540
泡沫塑料	89,105,490
哈龙	1,780,369
熏蒸剂	78,028,741
多种行业	139,440
其他	11,317,246
淘汰计划	353,091,265
加工剂	6,337,359
生产量	51,128,201
制冷	182,191,775
若干行业	19,287,372
溶剂	23,247,443
小计	853,873,942
机构支助费用	112,890,657
共计	966,764,599

3. 表 2 载列按项目类别开列项目执行状况摘要。

表 2： 按项目类别开列项目执行状况

项目类别	项目数目*			供资(美元)**			
	已批准	已完成	完成%	已批准	已发放	余额	发放%
国家方案	11	11	100	722,669	722,669	0	100
示范项目	43	42	98	23,417,099	22,299,665	1,117,433	95
体制强化	92	73	79	14,689,423	12,110,188	2,579,235	82
投资项目	937	795	85	766,940,563	684,379,507	82,561,056	89
项目编制	546	488	89	22,866,295	21,261,834	1,604,460	93
技术援助	199	172	86	24,041,358	19,359,997	4,681,361	81

项目类别	项目数目*			供资(美元)**			
	已批准	已完成	完成%	已批准	已发放	余额	发放%
培训项目	23	23	100	1,196,535	1,196,535	0	100
共计	1,851	1,604	87	853,873,942	761,330,396	92,543,546	89

* 不包括关闭的项目和移交的项目。

** 不包括机构支助费用。

4. 表 3 按年度概述了项目实施情况。³²1993 年至 2007 年底批准的所有项目和活动现都已完成。

表 3: 按年份开列的项目执行状况

年份	项目数目*			供资(美元)**			
	已批准	已完成	完成%	已批准	已发放	余额	发放%
1993	22	22	100	11,815,540	11,815,540	0	100
1994	52	52	100	30,645,899	30,645,899	0	100
1995	59	59	100	25,662,092	25,662,092	0	100
1996	46	46	100	19,820,493	19,820,493	0	100
1997	130	130	100	42,083,037	42,083,038	0	100
1998	88	88	100	23,638,291	23,638,291	0	100
1999	123	123	100	34,140,324	34,140,324	0	100
2000	96	96	100	30,180,752	30,180,752	0	100
2001	119	119	100	24,700,254	24,700,255	0	100
2002	76	76	100	35,992,041	35,992,041	1	100
2003	49	49	100	29,997,305	29,997,305	0	100
2004	44	44	100	33,105,459	33,105,460	-1	100
2005	74	74	100	52,035,808	52,035,807	1	100
2006	44	44	100	20,760,993	20,675,405	85,588	100
2007	42	42	100	24,186,740	24,186,741	-1	100
2008	77	76	99	33,405,264	33,376,488	28,776	100
2009	70	68	97	15,409,470	14,695,887	713,583	95
2010	69	66	96	46,082,170	45,103,864	978,306	98
2011	71	70	99	76,615,828	72,899,639	3,716,189	95
2012	52	43	83	32,682,508	30,337,834	2,344,673	93
2013	37	35	95	31,118,774	30,234,460	884,314	97
2014	55	43	78	27,880,007	25,587,498	2,292,509	92
2015	84	68	81	37,319,256	24,033,752	13,285,504	64
2016	58	34	59	35,715,549	20,505,331	15,210,218	57
2017	28	11	39	16,458,925	11,533,231	4,925,694	70
2018	62	22	35	27,168,885	9,704,702	17,464,183	36
2019	66	4	6	19,508,378	1,598,283	17,910,095	8
2020	58	0	0	15,743,901	3,039,987	12,703,914	19
共计	1,851	1,604	87	853,873,942	761,330,396	92,543,546	89

* 不包括关闭的项目和移交的项目。

** 不包括机构支助费用。

³² 这项数据依照执行委员会核准项目的年份列出。它将所有核准的项目（投资项目和非投资项目）等同对待（即将投资项目或多年期协定项目的供资达 100 万美元的项目视为一个项目，同样的方法用于 30,000 美元的国家方案编制项目）。年度总结的关键指标是：完成的项目百分比、淘汰的 ODP 吨和发放的资金百分比。三种资金发放方式：在项目执行期间、项目执行后和资金追溯项目。

5. 表 4 按国家分列 2020 年的项目执行情况。

表 4. 工发组织在 2020 年的项目执行情况摘要

国家	2020 年的淘汰量 (ODP 吨)*	2020 年达到计划淘汰量的百分比 (%)	2020 年发放的估计资金 (美元)	2020 年发放的资金 (美元)	2020 年对估计数额发放的资金百分比 (%)	2020 年完成的计划项目的百分比 (%)
阿富汗	0.2		50,000	51,665	103	0
阿尔巴尼亚	0.0		32,500	35,797	110	100
阿尔及利亚	0.0		110,000	56,864	52	0
阿根廷	4.7	100	581,301	709,564	122	75
亚美尼亚	0.0		77,080	95,697	124	
巴哈马	0.0		15,244	14,880	98	
巴林	0.0		15,002	6,823	45	
贝宁	0.0		10,009	0	0	100
玻利维亚多民族国	0.5		28,001	29,133	104	0
波斯尼亚和黑塞哥维那	0.0		99,500	95,096	96	0
博茨瓦纳	0.0		172,800	66,557	39	
巴西	0.0		1,106,216	777,431	70	0
布基纳法索	0.0		69,991	55,967	80	
布隆迪	0.0		26,000	13,639	52	
喀麦隆	0.1		29,001	34,355	118	
乍得	0.0		5,000	0	0	
智利	1.7		301,400	29,647	10	
中国	26.1	0	7,081,262	7,975,477	113	17
刚果	0.0	0	12,000	21,165	176	0
科特迪瓦	0.1		75,000	33,810	45	
厄瓜多尔	7.7		192,983	198,098	103	100
埃及	21.1		1,365,534	1,093,458	80	
赤道几内亚	0.0		43,000	51,301	119	
厄立特里亚	0.0		3,350	89	3	
埃塞俄比亚	0.0		73,000	0	0	
加蓬	0.0		84,000	84,212	100	
冈比亚	0.0		7,344	8,693	118	0
格林纳达	0.0		1,919	1,919	100	
危地马拉	0.8		34,500	51,589	150	100
几内亚比绍	0.0		14,000	2,550	18	100
洪都拉斯	0.0		45,300	80,142	177	100
伊朗伊斯兰共和国	0.1		209,259	33,838	16	
伊拉克	0.0		638,895	3,124	0	0
约旦	118.7	0	958,785	1,208,360	126	100
朝鲜民主主义人民共和国	0.0		4	21,485	537117	
科威特	0.0		3,310,000	3,034,632	92	
黎巴嫩	0.0		24	25	104	100
利比里亚	0.0		2,000	0	0	
利比亚	0.0		171,004	92,179	54	0
马达加斯加	0.0		80,302	74,783	93	
马拉维	0.0		9,410	9,384	100	100
墨西哥	0.0		505,774	224,177	44	25

国家	2020 年的 淘汰量 (ODP 吨)*	2020 年达到 计划淘汰量 的百分比 (%)	2020 年发 放的估计资 金(美元)	2020 年发 放的资金 (美元)	2020 年对估计 数额发放的资 金的百分比 (%)	2020 年完成的 计划项目的百 分比 (%)
黑山	0.0		30,001	53,352	178	100
摩洛哥	0.0		122,000	85,655	70	100
莫桑比克	0.0		19,001	53,579	282	
缅甸	0.0		3,882	2,036	52	
尼加拉瓜	0.8		54,400	52,926	97	
尼日尔	0.0		67,000	3,747	6	100
尼日利亚	0.2		140,969	52,050	37	
北马其顿	0.1		75,001	115,312	154	
阿曼	0.0		85,001	59,450	70	0
巴基斯坦	0.0		1,535,000	189,718	12	
菲律宾	0.0		110,000	131,619	120	
卡塔尔	1.6	100	7,002	29,104	416	100
卢旺达	0.2	100	49,081	52,681	107	100
圣卢西亚	0.0		20,342	19,892	98	
沙特阿拉伯	19.0		508,115	786,247	155	67
塞内加尔	0.0		44,000	53,334	121	100
塞尔维亚	0.0		124,602	66,301	53	50
塞拉利昂	0.0		6,510	5,165	79	100
索马里	0.0		44,000	20,475	47	0
南非	0.0		163,300	119,458	73	25
苏丹	0.0		693,155	267,925	39	
苏里南	0.1		4,000	0	0	
阿拉伯叙利亚共和国	0.0		36,001	622,522	1729	
坦桑尼亚联合共和国	0.0		33,500	29,225	87	
多哥	3.6		111,077	125,590	113	
突尼斯	5.8		533,300	294,083	55	0%
土耳其	0.0		784,020	814,128	104	100%
土库曼斯坦	0.0		44,000	65,628	149	100%
乌干达	0.0		3,430	4,464	130	
委内瑞拉玻利瓦尔共和国	0.0		11,201	11,202	100	
赞比亚	0.0		12,000	0	0	
全球	0.0		35,447	82,861	234	100
区域：亚太	0.0		3,300	4,347	132	
总计	213.2	2	23,161,332	20,651,680	89	51

* 2020 年为氢氟碳化物相关项目淘汰 118.7 公吨 (211,531CO₂-eq 公吨)。

6. 表 5 总结了根据定期捐款核准的氢氟碳化物相关项目。

表 5. 根据定期捐款核准的氢氟碳化物相关项目

项目类别	项目数目			供资(美元)*			
	已批准	已完成	完成%	已批准	已发放	余额	发放%
投资项目**	2	1	50	2,120,668	1,524,521	596,147	72
项目编制	3	2	67	159,816	129,510	30,306	81
技术援助 – 扶持活 动	3	0	0	400,000	110,439	289,561	28
共计	8	3	38	2,680,484	1,764,470	916,014	66

* 不包括机构支助费用。

* 投资项目获准淘汰 118.7 公吨 (211,531CO₂-eq 公吨)。

7. 目前有 8 个氢氟碳化物相关项目（包括 2 个投资项目、3 个项目编制和 3 个扶持活动）。在这 8 个项目中，1 个投资项目和 2 个编制项目已经完成，5 个项目在进行中。批准延长 3 个正在进行的扶持活动的完成日期；这些活动都处于不同实施阶段。

8. 墨西哥正在进行的与控制 and 淘汰 HFC-23 相关的氢氟碳化物投资项目在第八十六次会议获得批准并将于 2022 年 10 月完成。

9. 在核准的累计供资总额 2,680,484 美元中（不包括机构支助费用），已发放 1,764,470 美元，支付率达到 66%。

第二部分： 根据额外自愿捐款批准用于逐步减少氢氟碳化物的快速启动支助的项目

10. 截至 2020 年 12 月 31 日，执行委员会已在额外自愿捐款项下批准了 35 个与氢氟碳化物相关的项目，金额为 8,085,163 美元（不包括机构支助费用）。表 6 载列了这些项目的状况摘要。

表 6. 截至 2020 年底各项核准的氢氟碳化物相关项目的状况

项目类别	项目数目			供资(美元)*			
	已批准	已完成	完成%	已批准	已发放	余额	发放%
投资项目**	3	1	33%	3,912,736	2,116,176	1,796,560	54
项目编制	4	4	100%	119,755	101,389	18,366	85
技术援助 – 扶持活动	28	8	29%	4,052,672	2,860,759	1,191,913	71
共计	35	13	37%	8,085,163	5,078,324	3,006,839	63

* 不包括机构支助费用。

** 已淘汰 265.1 公吨（508,586 CO₂-eq 公吨）氢氟碳化物中的 112.5 公吨（245,860 CO₂-eq 公吨）。

11. 截至 2020 年底，在已批准的 35 个项目中，已完成 13 个项目，其中包括投资项目 1 个、编制活动 4 个、扶持活动 8 个，尚有 22 个正在进行。批准延长 20 项正在进行的扶持活动的完成日期；这些活动都处于不同的实施阶段。

12. 正在进行的投资项目包括在第八十一次会议获得批准的阿根廷和墨西哥制冷行业的 2 个项目；这些项目分别将于 2021 年和 2022 年完成。

13. 在核准的累计供资总额 8,085,163 美元中，已发放 5,078,324 美元，支付率达到 63%。



UNITED NATIONS
INDUSTRIAL DEVELOPMENT ORGANIZATION

UNIDO Progress and Financial Report 2020

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I. Project Approvals and Disbursements

Annual summary data

- 1) Table 1 “Annual Summary” in the Excel file includes the most relevant annual data, such as number of approvals, corresponding ODP (wherever applicable), approved funding, adjustment and disbursement characteristics. The cumulative funds for the period 1993-2020 approved for UNIDO activities under the Multilateral Fund amount to US\$ 853,360,884, excluding agency support cost, the core unit funding and projects funded by the additional contributions for implementation of the Kigali Amendment. This amount, however, includes the adjustments made until end 2020. The details are contained in the attached database (Annex II in the Excel file). In this annex, the data are sorted by regions and within each region the completed, financially completed; ongoing and closed (cancelled) projects are listed.
- 2) From 2017 a total of US\$ 8,085,163 were approved for UNIDO activities from the additional contributions to provide fast-start support for implementation of the Kigali Amendment. The details are contained in the attached database (Annex IIa in the Excel file)
- 3) As of 31 December 2020, UNIDO’s cumulative disbursement for all projects (completed and ongoing) amounts to US\$ 761,330,396 excluding agency support cost, core unit funding and disbursements in projects funded by additional contributions. This corresponds to a delivery rate of 89 per cent. Out of this amount, US\$ 684,379,507 relate to cumulative disbursement for investment projects (Table 2, “Summary Data by Project Type” in the Excel file).

Interest

- 4) The interest earned for the period 1993 – 2020 amounts to US\$ 41,737,899 and is shown by years in the Table 1 “Annual Summary” in the Excel file. The interest earned in 2020 amounts to US\$ 742,220.

Summary data by type

- 5) The cumulative activities of UNIDO approved by the Multilateral Fund are listed in Annex II in the Excel file. The following table summarizes their breakdown by types.

Type	Approved Funding US\$*	Share of portfolio in per cent	Number of projects*	Share of portfolio in per cent
CPG (Country Programme Preparation)	815,000	0.09%	11	0.59%
DEM (Demonstration projects)	26,091,990	3.01%	43	2.33%
INS (Institutional strengthening)	14,709,176	1.70%	92	4.98%
INV (Investment projects)	771,006,899	89.09%	936	50.62%
PRP (Project preparation)	25,635,552	2.96%	545	29.48%
TAS (Technical Assistance)	25,930,800	3.00%	199	10.76%
TRA (Training)	1,249,459	0.14%	23	1.24%
Total (excluding agency support cost)	865,438,876	100%	1,849	100%

* These figures are without adjustments, which are in total US\$ -12,077,992.

** Excluding Closed and Transferred Projects.

- 6) Table 2 “Summary of Data by Project Type” in the Excel file, shows approvals, adjustments and disbursements by type of project/activity. In 2020 UNIDO’s overall disbursement rate (excluding agency support cost) was 89%. Disbursements by activity type and as percentage of activity allocations are summarized as follows:

Type	Funds Disbursed US\$	Disbursement rate in per cent
CPG (Country Programme Preparation)	722,669	100%
DEM (Demonstration projects)	22,299,665	95%
INS (Institutional strengthening)	12,110,188	82%
INV (Investment projects)	684,379,507	89%
PRP (Project preparation)	21,261,834	93%
TAS (Technical Assistance)	19,359,997	81%
TRA (Training)	1,196,535	100%
Total (excluding agency support cost)	761,330,396	89%

Multi-Year Agreements

In the reporting year, 16 new multi-year performance based projects were approved for UNIDO’s implementation, the Stage II HCFC Phase-out Management Plan in Afghanistan, Albania, Botswana, Ecuador, the Gambia, Guatemala, Honduras, Malawi, Montenegro, Nicaragua, Rwanda, Serbia, Turkmenistan, Uganda and Zambia and the Stage I HCFC Phase-out Management Plan in Syria.

- 7) As shown in Annex II in the Excel file, UNIDO has been implementing one hundred and seventy three performance-based, multi-year agreements. One hundred and seven of these agreements are HCFC Phase-out Management Plans (Afghanistan (2), Albania (2), Algeria, Argentina (2), Bahamas, Bahrain, Benin, Bolivia, Bosnia & Herzegovina, Botswana (2), Brazil, Burkina Faso, Burundi, Cameroon (2), Central African Republic, Chad, Chile, China (2x2), Congo (Rep. of), Cote d’Ivoire, Croatia, DPR Korea, Ecuador (2), Egypt (2), Equatorial Guinea, Eritrea,

Ethiopia, Gabon, the Gambia (2), Grenada, Guatemala (2), Guinea, Guinea-Bissau, Honduras (2), Indonesia, Iran (2), Iraq, Jordan (2), Kuwait, Libya, Macedonia, Madagascar, Malawi (2), Mexico (2), Montenegro (2), Morocco, Mozambique, Myanmar, Nicaragua (2), Niger, Nigeria (2), Oman (2), Pakistan (2), Philippines (2), Qatar, Rwanda (2), Saint Lucia, Saint Vincent and the Grenadines, Saudi Arabia, Senegal, Serbia (2), Sierra Leone, Somalia, South Africa, Sudan (2), Suriname, Syria, Tanzania, Togo, Tunisia (2), Turkey, Turkmenistan (2), Uganda (2), Venezuela (2), Yemen and Zambia(2)).

Sector phase out by country

The activities listed in the table below are the ONGOING projects with sectors (excluding HCFCs) by countries for which total phase-out has been funded.

#	Country	Project Title	ODS	Multi-year (yes/no)	Phase-out in sector
1.	Iraq	National ODS Phase Out Plan	CFC, Halon, CTC, TCA	Yes	Total
2.	Iraq	Replacement of refrigerant CFC-12 with isobutane and foam blowing agent CFC-11 with cyclopentane in the manufacture of domestic refrigerators and chest freezers at Light Industries Company	CFC	No	Total

- 8) Information on funded ODP phase-out by region/country for ongoing projects is given in Table 3 “ODP Phase-out by Region, Country and Sector – Ongoing Projects” in the Excel file.

Ongoing projects	
Sector	ODP tonnes
Foams	4.7
Phase-out	1,596.7
Refrigeration	12.9
Total	1,614.3

- 9) As per Table 3a “ODP Phase-out by Region, Country and Sector – Completed Projects” in the Excel file, until end of the reporting period, UNIDO eliminated 78,674.9 ODP tonnes (excluding partial phase-out of ongoing projects). ODP phase by sector is summarized in the below table.

Completed projects	
Sector	ODP tonnes
Aerosols	4,209.7
Foams	13,084.9
Fumigants	5,611.7
Halons	2,002.8

Other (Tobacco)	1,170
Process agents	1,028.2
Phase-out	13,471.4
Production	17,381
Refrigeration	18,481.9
Several	39.3
Solvents	2,194
Total	78,674.9

- 10) Partial ODP phase out is reported in Table 3b “Partial ODP Phase-out by Sector, Region, Country” and in Annex II in the Excel file.

The partial phase-out achieved in 2020 is 117.76 ODP tonnes for phase-out sector.

II. Project Completion since last Report

ODP phased out since last report - investment projects

- 11) As per Table 4 in the Excel file, the cumulative ODP phase out through investment projects completed in the reporting period (1 January – 31 December 2020) amounts to 649 ODP tonnes. In addition, 117.76 ODP tonnes were partially phased-out from ongoing projects. The details are shown in Table 3b and Table 4 in the Excel file. Table 4 in the Excel file lists all investment, demonstration, technical assistance and institutional strengthening projects completed in 2020.

Non-investment project completions since last report

- 12) Since the last report, 28 non-investment projects, with approved funding of US\$ 2,877,336 were completed: 6 in Africa, 6 in Asia and the Pacific, 8 in Europe, 7 in Latin America and the Caribbean and the Core Unit Funding.

III. Global and Regional Project Highlights

Global Projects

- 13) Core Unit Funding for the year 2021 was approved in December 2020. The core unit funding for the year 2020 that was approved in 2019 for UNIDO as a global project in the amount of US\$ 2,098,458 was completed in December 2020.
- 14) The following global project has been ongoing in the reporting year:
 - Global chiller replacement project (Argentina)

Regional Projects

- No regional projects were ongoing during 2020.

IV. Performance Indicators

Business Plan Performance Goals as decided by the Executive Committee

- 15) The 71st Meeting of the Executive Committee in December 2013 reviewed and modified the performance indicators established by earlier decisions. The new weightings, based on Decision 71/28, are indicated in the below table.
- 16) The targets and achievements for the year 2020 performance indicators approved during the 84th Meeting of the ExCom are indicated below.

A1. Planning – Approvals

- 17) Tranches approved: Number of tranches approved vs. those planned

In 2020, 33 tranches were approved in total against the updated target of 41. The original target was 57, however, the below projects were not approved beyond UNIDO's control:

- UNIDO was ready for submission of the following tranches from HPMPs Stage I: Kuwait and Suriname, and HPMPs Stage II for Bahrain, Chad, Congo, Ethiopia, Guinea-Bissau, Kuwait, Saint Lucia, Sao Tome and Principe and United Republic of Tanzania, but the lead agencies were not ready for submission;
- The tranche request for Algeria and the new Stage of HPMP for Bolivia were submitted, but UNIDO was requested to withdraw the submissions;
- The new Stage of HPMP for Qatar was submitted, but approval has been postponed to another meeting;
- The agreement for Brazil HPMP Stage II has been revised and the 2020 tranche for UNIDO has been removed;
- UNIDO was ready for the next tranche request under the HPMP Stage II for the Philippines, however an ExCom decision/guidance was needed before UNIDO could proceed with the submission.

- 18) Projects/activities approved: Number of projects/activities approved vs. those planned (including project preparation activities)

During 2020, 16 individual projects were approved against the originally agreed target of 40. However the target should be updated to 18 taking into account the projects not approved for reasons beyond UNIDO's control:

- The preparations for HFC phase down plans were submitted for Albania, Jordan, Mexico, Montenegro, Niger, North Macedonia, Senegal and South Africa however due to the fact that the Executive Committee did not agree on the cost-guidelines, these projects were deferred to another meeting.
- The preparations for HFC phase down plans were not submitted for Benin, Bosnia and Herzegovina, Cameroon, Chad, Ethiopia, Gambia, Malawi, Rwanda, Serbia, Togo, Tunisia, Turkey and Uganda due to the fact that the Executive Committee did not agree on the cost-guidelines.
- The institutional strengthening project in Qatar was transferred to UNEP, therefore should be removed from UNIDO's targets and Business Plan.
- The Demonstration project to provide experience in ICCs and IOCs associated with the phase-down of HFCs in the XPS manufacturing for China was

submitted at an earlier meeting and then UNIDO was asked to withdraw it. The project will not be re-submitted and should be removed from UNIDO's targets and business plan.

The approvals include 7 renewals of institutional strengthening projects (Armenia, Egypt, Libya, Mexico, Oman, Turkmenistan and Montenegro as part of the HPMP), 8 project preparations projects and 1 global project for UNIDO's 2021 Core Unit Funding.

A2. Implementation

19) Funds disbursed: Based on estimated disbursement in Progress Report

During 2020 the funds disbursed as per IPSAS were US\$ 20,641,013 against the estimated disbursements for year 2020 established in the Progress Report for year 2019 of US\$ 23,582,315.

20) ODS phased-out: ODS phase-out for the tranche when the next tranche is approved vs. those planned per business plans

46.23 ODP tonnes can be recorded as achievements for all MYA projects approved in 2020. The tranche for China HPMP Stage II, XPS sector is in UNIDO's targets, but the ODP in the amount of 635 is not calculated in the initial target of 273.64. This should be added to the initial target and it should be 908.64. However, 115.49 ODP tonnes need to be deducted from the original target of 273.64 OPD (or 908.64 if China is added) as explained in section 17 due to the non-submission and/or non-approval of several tranches beyond UNIDO's control. UNIDO's achievement should be 681.23 against a target of 793.15 (86% achievement), instead of 46.23 against a revised target of 158.15 (excluding 115.49 OPD tonnes linked to projects listed in section 17) (29%).

21) Project completion for activities: Project completion vs. planned in progress reports for all activities (excluding project preparation)

During 2020, UNIDO completed 35 projects against the target of 64. It should be noted that 2020 was an extraordinary year. Due to the covid-19 pandemic, for several months no activities could take place due to the curfews and lockdowns introduced globally. After the initial few months and introducing strict restriction measures in daily lives, some activities could continue with implementation but with great limitations posing extraordinary challenges to countries and implementing agencies. Implementing agencies should not be penalized for the unfortunate global situation.

22) The performance indicators with the weightings are summarized in the following table:

Performance indicators: Targets and achievements in 2020

Type of Indicator	Short title	Calculation	Weighting	Target 2020	Achievement 2020
Planning-- Approval	Tranches approved	Number of tranches approved vs. those planned	10	41*	33

Type of Indicator	Short title	Calculation	Weighting	Target 2020	Achievement 2020
Planning-- Approval	Projects/ activities approved	Number of projects/activities approved vs. those planned (including project preparation activities)	10	18**	16
	Sub-total		20		
Implementation	Funds disbursed	Based on estimated disbursement in progress report (USD)	15	23,573,657 US\$	20,641,013 US\$***
Implementation	ODS phase-out	ODS phase-out for the tranche when the next tranche is approved vs. those planned per business plans	25	793.15 ODP tonnes****	681.23 ODP tonnes
Implementation	Project completion for activities	Project completion vs. planned in progress reports for all activities (excl. project preparation)	20	64	35
	Sub-total		60		
Administrative	Speed of financial completion	The extent to which projects are financially completed 12 months after project completion	10	12 months after operational completion	12 months
Administrative	Timely submission of project completion reports	Timely submission of project completion reports vs. those agreed	5	On time	On time
Administrative	Timely submission of progress reports	Timely submission of progress reports and business plans and responses unless otherwise agreed	5	On time	On time or as agreed
	Sub-total		20		

* The original target was 57, however, the below projects were not approved beyond UNIDO's control: (1) UNIDO was ready for submission of the following tranches from HPMPs Stage I: Kuwait and Suriname, and HPMPs Stage II for Bahrain, Chad, Congo, Ethiopia, Guinea-Bissau, Kuwait, Saint Lucia, Sao Tome and Principe and United Republic of Tanzania, but the lead agencies were not ready for submission; (2) The tranche request for Algeria and the new Stage of HPMP for Bolivia were submitted, but UNIDO was requested to withdraw the submissions; (3) The new Stage of HPMP for Qatar was submitted, but approval has been postponed to another meeting; (4) The agreement for Brazil HPMP Stage II has been revised and the 2020 tranche for UNIDO has been removed; (5) UNIDO was ready for the next tranche request under the HPMP Stage II for the Philippines, however an ExCom decision/guidance was needed before UNIDO could proceed with the submission.

** During 2020, 16 individual projects were approved against the originally agreed target of 40. However the target should be updated to 18 taking into account the projects not approved for reasons beyond UNIDO's control: (1) The preparations for HFC phase down plans were submitted for Albania, Jordan, Mexico, Montenegro, Niger, North Macedonia, Senegal and South Africa however due to the fact that the Executive Committee did not agree on the cost-guidelines, these projects were deferred to another meeting. (2) The preparations for HFC phase down plans were not submitted for Benin, Bosnia and Herzegovina, Cameroon,

Chad, Ethiopia, Gambia, Malawi, Rwanda, Serbia, Togo, Tunisia, Turkey and Uganda due to the fact that the Executive Committee did not agree on the cost-guidelines. (3) The institutional strengthening project in Qatar was transferred to UNEP, therefore should be removed from UNIDO's targets and Business Plan. (4) The Demonstration project to provide experience in ICCs and IOCs associated with the phase-down of HFCs in the XPS manufacturing for China was submitted at an earlier meeting and then UNIDO was asked to withdraw it. The project will not be re-submitted and should be removed from UNIDO's targets and business plan.

**** Disbursement value does not include disbursements made during 2019 under the projects funded from additional voluntary contributions from non-Article 5 countries.*

***** 46.23 ODP tonnes can be recorded as achievements for all MYA projects approved in 2020. The tranche for China HPMP Stage II, XPS sector is in UNIDO's targets, but the ODP in the amount of 635 is not calculated in the initial target of 273.64. This should be added to the initial target and it should be 908.64. However, 115.49 ODP tonnes need to be deducted from the original target of 273.64 OPD (or 908.64 if China is added) as explained in section 17 due to the non-submission and/or non-approval of several tranches beyond UNIDO's control. UNIDO's achievement should be 681.23 against a target of 793.15 (86% achievement), instead of 46.23 against a revised target of 158.15 (excluding 115.49 OPD tonnes linked to projects listed in section 17) (29%).*

In addition to the above, UNIDO's approvals in 2020 amounted to US\$ 15,230,843 (excluding agency support costs).

Cumulative completed investment projects

23) Since 1993, UNIDO's cumulative number of completed investment projects has grown to 795 with a total of US\$ 558,345,822 of approved funding including adjustments. The average number of months from approval to first disbursement was 9 months. The average number of months from approval to completion was 39 months. The cost effectiveness of completed projects is US\$ 7.36/kg. Table 5 "Cumulative completed investment projects by region, sector and implementation characteristics" in the Excel file illustrates more details, presenting information both on a regional and on a sector basis. The vast majority of completed investment projects have been implemented with disbursements of funds during implementation; only ten retroactively funded projects were implemented by UNIDO. In addition, UNIDO has completed one investment project funded by additional contributions for the Kigali Amendment.

Cumulative completed non-investment projects

24) Since 1993, UNIDO's cumulative number of completed non-investment projects is 321. Out of a total of US\$ 52,741,265 approved funding, 99 per cent of funds have been disbursed. Except for 73 institutional strengthening projects, all UNIDO completed non-investment projects were objective-sensitive. Table 6 "Cumulative completed non-investment projects by region, sector and implementation characteristics" in the Excel file provides details according to geographic region and sectors. In addition, UNIDO has completed 12 Technical Assistance and project preparations funded by additional contributions for the Kigali Amendment.

Cumulative ongoing investment projects

25) By the end of 2020, UNIDO's cumulative portfolio of ongoing investment, demonstration and recovery and recycling projects contained 141 projects. Of the US\$ 202,060,641 approved budget, 60 per cent has been disbursed. It took an average of 10 months from approval to first disbursement. The Africa region had 51 ongoing projects, Asia and the Pacific 49 ongoing projects, Europe 16 ongoing projects and Latin America and the Caribbean 25 ongoing projects. Table 7 "Cumulative ongoing investment projects by region, sector and implementation characteristics" in the Excel file illustrates the

implementation characteristics among regions and sectors for UNIDO's ongoing investment projects. The ongoing projects are objective sensitive and the disbursement of funds takes place during implementation. In addition, UNIDO is implementing two investment projects funded by additional voluntary contributions for the Kigali Amendment.

Cumulative ongoing non-investment projects

- 26) At the end of 2020, UNIDO's cumulative portfolio of ongoing non-investment projects (excluding preparatory funding) consisted of 47 projects. Out of a total of US\$ 11,139,832 of approved funding, 30 per cent has been disbursed. The ongoing non-investment projects include 19 Technical Assistance projects (tranches of HPMPs), 19 Institutional Strengthening projects, 4 Verification Reports, 2 Enabling activities projects and 1 Core Unit Budget. Table 8 "Cumulative ongoing non-investment projects by region, sector and implementation characteristics" in the Excel file illustrates details, presenting the projects according to regions, sectors and types. In addition, UNIDO is implementing 20 Technical Assistance projects funded by additional contributions for the Kigali Amendment.

V. Status of Agreements and Project Preparation by Country

Agreements to be signed/executed/finalized and ready for disbursing

- 27) As soon as a project is approved by the Executive Committee and after having notified the respective authorities, UNIDO secures officially from the recipient country's Ozone and project authorities, validity/confirmation of basic project data, such as actual ODS consumption; validity of counterpart commitment, etc., since by this time, a substantial period of time might have elapsed from the time of formulation of the project, and the projects, in most cases, are adjusted as a result of the negotiations during the approval process. After this, wherever it is required by the Country, UNIDO prepares and signs with the Ozone Authorities the agreement of cooperation. UNIDO prepares detailed Terms of Reference (TOR) for services to be rendered under the project. The TOR and the list of potential suppliers are approved by the counterpart. The bidding and subcontracting takes place based on the mutually agreed TOR. The first payment is due upon entry into force of the first contract. Even if the first payment is released, as per the IPSAS, disbursements are not reflected until after services have been delivered. Under UNSAS, any payment outflow was recorded as disbursement. The above-illustrated preparatory work explains, for multi-year programmes and projects, the time elapsing between project approval and first disbursement.

Project preparation by country, approved amount and amounts disbursed

- 28) As of the end of 2020, UNIDO had on-going project preparation in 46 countries with approved funding amounting to US\$ 2,052,750 out of which US\$ 518,053 has been disbursed.

The list and details of active project preparation accounts are shown in Table 9 "Active project preparation accounts" in the Excel file.

Activities related to the phase-out of HCFCs

- 29) UNIDO is lead agency or only implementing agency for altogether 32 **Stage IHPMPs**. These MYAs/projects are listed below:

#	Mtg	Country	Main / Cooperating agency
1.	64	Albania	UNIDO lead agency with UNEP
2.	66	Algeria	UNIDO only impl. Agency
3.	66	Argentina	UNIDO lead agency with World Bank
4.	74	Bolivia	UNIDO only impl. agency
5.	66	Bosnia & Herzegovina	UNIDO only impl. Agency
6.	64	Cameroon	UNIDO only impl. Agency
7.	64	China – RAC sector	UNIDO only impl. Agency
8.	64	China – XPS sector	UNIDO lead agency with GIZ
9.	73	Democratic People's Republic of Korea	UNIDO lead agency with UNEP
10.	65	Ecuador	UNIDO lead agency with UNEP
11.	65	Egypt	UNIDO lead agency with UNDP
12.	64	Guatemala	UNIDO lead agency with UNEP
13.	63	Honduras	UNIDO lead agency with UNEP
14.	65	Jordan	UNIDO lead agency with WB
15.	75	Libya	UNIDO only impl. agency
16.	64	Mexico	UNIDO lead agency with UNDP
17.	63	Montenegro	UNIDO only impl. Agency
18.	65	Morocco	UNIDO only impl. Agency
19.	66	Niger	UNIDO lead agency with UNEP
20.	60	North Macedonia	UNIDO only impl. agency
21.	65	Oman	UNIDO lead agency with UNEP
22.	62	Pakistan	UNIDO lead agency with UNEP
23.	65	Qatar	UNIDO lead agency with UNEP
24.	68	Saudi Arabia	UNIDO lead agency with UNEP
25.	62	Serbia	UNIDO lead agency with UNEP
26.	67	Somalia	UNIDO only impl. Agency
27.	67	South Africa	UNIDO only impl. Agency
28.	66	Sudan	UNIDO only impl. Agency
29.	72	Tunisia	UNIDO lead agency with UNEP and France

#	Mtg	Country	Main / Cooperating agency
30.	62	Turkmenistan	UNIDO only impl. Agency
31.	68	Turkey	UNIDO lead agency with UNEP
32.	63	Venezuela	UNIDO lead agency with UNEP

Furthermore, UNIDO is co-implementing agency for the **Stage I HPMPs** for the following countries with the below agencies:

- UNEP: Afghanistan, Bahamas, Bahrain, Benin, Botswana, Burkina Faso, Burundi, Central African Republic, Chad, Congo (Rep. of), Cote d'Ivoire, Equatorial Guinea, Eritrea, Ethiopia, Gabon, Gambia, Grenada, Guinea, Guinea-Bissau, Iraq, Kuwait, Madagascar, Malawi, Mozambique, Myanmar, Nicaragua, Philippines, Rwanda, Saint Lucia, St. Vincent and the Grenadines, Senegal, Sierra Leone, Suriname, Syria, Tanzania, Togo, Uganda, Yemen and Zambia;
- UNDP: Indonesia, Iran and Nigeria;

Other **Stage I HPMPs**:

- Croatia, implemented by UNIDO. Croatia is no longer Article-5 country.

30) UNIDO is involved in **ongoing Stage II HPMPs** as only, lead or cooperating implementing agency in the following countries:

	Mtg	Country	Main / Cooperating agency
1.	85	Afghanistan	UNEP lead with UNIDO as cooperating IA
2.	85	Albania	UNIDO lead with UNEP as cooperating IA
3.	79	Argentina	UNIDO lead w. Italy
4.	86	Botswana	UNEP lead with UNIDO as cooperating IA
5.	75	Brazil	UNDP/UNIDO/Germany/Italy
6.	82	Cameroon	UNIDO only impl. Agency
7.	76	Chile	UNDP lead agency w. UNIDO
8.	77	China- RAC Sector	UNIDO lead w. Italy
9.	77	China – XPS sector	UNIDO lead agency with GIZ
10.	86	Ecuador	UNIDO lead with UNEP as cooperating IA ¹
11.	79	Egypt	UNIDO lead agency/UNDP/UNEP/Germany
12.	86	Gambia	UNEP lead with UNIDO as cooperating IA
13.	86	Guatemala	UNEP lead with UNIDO as cooperating IA
14.	86	Honduras	UNIDO lead with UNEP as cooperating IA
15.	77	Iran	UNDP/UNEP/UNIDO/Germany
16.	77	Jordan	World Bank lead w. UNIDO
17.	85	Malawi	UNEP lead with UNIDO as cooperating IA
18.	73	Mexico	UNIDO lead agency w. Germany, Italy, Spain and UNEP
19.	85	Montenegro	UNIDO single IA

¹ At the 87th meeting a decision was made to transfer UNEPs components to UNIDO and UNIDO became single implementing agency for this project.

20.	86	Nicaragua	UNEP lead with UNIDO as cooperating IA
21.	81	Nigeria	UNDP lead agency w. UNIDO
22.	75	Oman	UNIDO lead agency w. UNEP
23.	76	Pakistan	UNIDO lead agency w. UNEP
24.	83	Philippines	UNIDO only impl. Agency
25.	86	Rwanda	UNEP lead with UNIDO as cooperating IA
26.	85	Serbia	UNIDO lead with UNEP as cooperating IA
27.	75	Sudan	UNIDO only impl. Agency
28.	84	Tunisia	UNIDO lead agency w. UNEP
29.	86	Turkmenistan	UNIDO single IA
30.	86	Uganda	UNEP lead with UNIDO as cooperating IA
31.	76	Venezuela	UNIDO single IA
32.	86	Zambia	UNEP lead with UNIDO as cooperating IA

ODS destruction demonstration projects

- 31) The Pilot demonstration project on ODS waste management and disposal in Lebanon was completed as of June 2020.

Climate impact of Montreal Protocol activities

- 32) In the selection of alternative technologies to replace ODS, energy efficiency, has been taken into account since the first investment projects, from early 1990s in UNIDO. In the recent years, the introduction of low Global Warming Potential and high energy efficiency alternatives has gained high attention to achieve additional climate benefits in the ODS phase-out process. UNIDO has been looking into the assessment of climate impacts of the MP activities in order to respond to the needs of Dec XIX/6 of the Meeting of the Parties. In Decision 72/40 (May 2014) bilateral and implementing agencies have been encouraged to submit proposals for demonstration projects for low GWP alternatives to HCFCs in the refrigeration and air-conditioning subsectors and feasibility studies, including business cases for district cooling.

- 33) During the reporting period, the following demonstration projects were ongoing:

- Global chiller replacement project (Argentina).

The associated projects listed below were completed during 2020:

- Pilot demonstration project on ODS waste management and disposal (Lebanon); and
- Demonstration project on promoting HFO-based low-global warming potential refrigerants for air-conditioning sector in high ambient temperatures (Saudi Arabia).

Activities related to HFC phase down

- 34) In 2020, no projects were approved related to HFC phase down activities. Details on other ongoing and completed HFC projects can be found in the Excel file in Annex II and Annex IIa for HFC projects funded by additional contributions.

VI. Administrative Issues (Operational, Policy, Financial and Other Issues)**Meetings attended**

35) UNIDO attended/participated in the following meetings in 2020:

#	Meeting	Location	Dates
1.	Inter-Agency Coordination Meeting	Montreal	25 – 27 February 2020
2.	85th ExCom Meeting – intersessional approval process	online	21 May – 3 June 2020
3.	64th IMPCOM	online	7 – 9 July 2020
4.	42nd OEWG (only selected agenda items)	online	14 – 16 July 2020
5.	65th IMPCOM	online	16 – 18 November 2020
6.	86th ExCom Meeting – intersessional approval process	online	16 November – 3 December 2020
7.	12 th COP (part I) – 32 nd MOP	online	23 – 27 November 2020

It should be noted that the number of online meetings attended by UNIDO is significantly higher. In the above table are listed only the key meetings attended in 2020.

Implementing agency and other cooperation

- 36) Cooperation with UNDP and the World Bank:
Several ongoing HPMP activities in different countries and regions are being implemented together with UNDP and/or the World Bank, among others the following Stage II HPMP in Brazil, Chile, Egypt, Iran, Jordan and Nigeria.
- 37) Cooperation with UNEP: UNIDO has been implementing 74 HPMPs together with UNEP until 2020. In 2020, 24 tranches of ongoing and new HPMPs were approved with UNEP as lead or co-implementing agency in Afghanistan, Albania, Botswana, Ecuador, Gambia, Guatemala, Guinea, Honduras, Iran, Malawi, Nicaragua, Oman, Rwanda, Senegal, Serbia, Syria, Uganda and Zambia.
- 38) Participation in inter-agency meetings: UNIDO participated at the 85th inter-agency coordination meetings organized by the Multilateral Fund Secretariat. Shortly after the return from Montreal, Austria and other European countries introduced the lockdown on the 15th of March 2020. After this date, no travel could take place.
- 39) Cooperation with Bilateral Agencies: During 2020, UNIDO continued implementation of the ongoing bilateral projects.
- 40) Those bilateral projects under UNIDO's implementation, which have been ongoing or have been completed in 2020 are listed in the below table. The list is sorted in alphabetical order of the bilateral agencies. The list includes one HFC phase-down enabling activity project for Tunisia.

#	Bilateral Agency	Project Title	Country	Impact	Approved Funding (US\$)	Status
1.	France	HCFC phase-out management plan (stage I, third tranche) (refrigeration servicing sector)	Tunisia	0	19.000	ONG
2.	Italy	HCFC phase-out management plan (stage II, first tranche) (reclamation of HCFC refrigerants)	Mexico	0	458.191	ONG
3.	Italy	HCFC phase-out management plan (Stage II, first tranche)(RAC sector)	China	10,3	891.892	ONG
4.	Italy	HCFC phase-out management plan (stage II, first tranche) (foam sector)	Iran (Islamic Republic of)	7,1	403.203	ONG
5.	Italy	HCFC phase-out management plan (stage II, second tranche) (foam sector)	Iran (Islamic Republic of)	8,9	504.004	ONG
6.	Italy	HCFC phase-out management plan (stage II, first tranche) (refrigeration servicing sector)	Argentina	2,9	250.000	ONG

7.	Italy	Enabling activities for HFC phase-down	Tunisia	0	75.000	ONG
8.	Spain	HCFC phase-out management plan (stage II, second tranche) (cleaning agent phase-out in refrigeration servicing sector)	Mexico	2,3	76.991	ONG
9.	Spain	HCFC phase-out management plan (stage II, second tranche) (refrigeration servicing sector)	Mexico	0	280.000	ONG
10.	Spain	HCFC phase-out management plan (stage II, third tranche) (refrigeration servicing sector)	Mexico	13,1	1.070.000	ONG

Other issues

- 41) The status of ongoing projects is described in Annex II. The success and timely implementation of these activities are crucial in the current compliance period. In order to ensure timely project completion of projects approved so far, and to facilitate compliance of the recipient countries with their MP obligations, in 2020, UNIDO has continued to practice the following initiatives, which supported successful project implementation:
- Regular follow up of the implementation process is being done by the staff of the ozone office together with UNIDO's national and international consultants and project managers. This ensures that effective actions on critical issues such as resolving bottlenecks in site preparation, customs clearance, installation, commissioning and safety certification, monitoring of HCFC-related equipment are taken.
 - Communication and interaction between regional and country offices about the implementation process has ensured the smooth flow of project plans. As in previous years, directors of UNIDO regional and country offices are regularly briefed on ongoing and possible future activities. They are involved in the implementation process and are following up the progress of the programmes. In turn, the representatives brief headquarter staff working in a specific country on the regular activities in the field and problems faced, if any.
 - Taking into consideration the travel and physical meetings limitations imposed worldwide due to the Covid-19 pandemic, UNIDO continues to provide support to the countries while prioritizing the health of its staff, consultants and counterparts. To compensate for the physical meetings and trainings, UNIDO is organizing webinars, frequent video calls and online trainings until travel will be allowed again.
 - Due to security and/or political issues, in addition to the pandemic, UNIDO experienced delays in project implementation during 2020 in several countries.
- 42) UNIDO is regularly attending Regional Network Meetings and respective workshops, organized online during 2020, providing additional support to our counterpart countries.
- 43) UNIDO also provides, when requested, support such as policy assistance, putting in place relevant legislation etc.

To compensate for the lack of field visits and physical meetings, UNIDO organized during 2020 a number of online meetings and webinars. As an example, in cooperation with the Ozone Secretariat and the National Ozone Units (NOUs) of Argentina and Tunisia series of webinars were organized on HFC licensing systems. The objective of these webinars was to provide guidance to parties on the specific requirements in the field of import/export licenses applicable to them once they ratify the Kigali Amendment and first-hand experience from parties who had already initiated or completed the development of their HFC licensing systems. Following introductory presentations from UNIDO and the Ozone Secretariat, the webinars focused on the experiences of the two countries, Tunisia and Argentina, in developing their national licensing systems; with an emphasis on the legislation and policy measures, adaptation of the customs registry system and the process for developing an electronic licensing/permit system. The Tunisian webinar (French/English) took place on 15 October 2020. We had close to 88 participants from 39 countries. The Argentinian webinar (Spanish/English) took place

on 23 October 2020. We had 86 participants from 39 countries.

Virtual meetings organized as a consequence of the Covid-19 pandemic were helpful and also a good learning opportunity for UNIDO. The added value was that these meetings could be open for a larger audience. However, they also have their limitations compared to the in-person meetings.

VII. Tables and Annexes*

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