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EXECUTIVE COMMITTEE OF
THE MULTILATERAL FUND FOR THE
IMPLEMENTATION OF THE MONTREAL PROTOCOL
Eighty-eighth Meeting
Montreal, 15-19 November 2021¹

PROGRESS REPORT OF UNIDO AS AT 31 DECEMBER 2020

1. This document presents the progress report of UNIDO as at 31 December 2020.²

Introduction

2. The progress report of UNIDO includes the status of implementation of projects, including 35 HFC-related projects that have been funded under the additional voluntary contributions by 17 non-Article 5 Parties to provide fast-start support for implementation of the Kigali Amendment.

3. The Secretariat reviewed the status of implementation of each ongoing project on a country-by-country basis, taking into account implementation delays that have occurred with respect to planned completion dates that had been reported in 2020, the potential impact of these delays on the phase-out of controlled substances and the rate of planned disbursements. The analysis contained in the present document is based on ODP tonnes for all controlled substances except for HFCs which are measured in mt CO₂-eq.³

Scope of the document

4. This document consists of the following parts:

Part I: Projects approved under the regular contributions to the Multilateral Fund. It presents a summary of progress in implementation of projects for 2020 and cumulative since 1991 addressing all controlled substances under the Montreal Protocol, including Annex F substances (HFCs); it contains a review on the status

¹ Online meetings and an intersessional approval process will be held in November and December 2021 due to coronavirus disease (COVID-19)

² The progress report is attached to the present document. The data has been included in the Consolidated Progress Report database that is available upon request.

³ In line with decision 84/12(a)(iv), the measurement for HFCs in mt CO₂-eq. is included in the progress reports submitted to the 88th meeting.

of implementation of each ongoing⁴ project at the country level; and it identifies projects with implementation delays and the potential impact on the phase-out of controlled substances, and projects with outstanding issues for consideration by the Executive Committee.

Part II: Projects approved under the additional voluntary contributions for fast-start support for HFC phase-down. It provides a summary on the status of implementation of HFC phase-down projects funded under the voluntary contributions.⁵

Recommendation.

5. The document also contains the following annexes:

Annex I: A summary status and a recommendation for each ongoing project with outstanding issues for consideration by the Executive Committee.

Annex II: An analysis of the progress report.

PART I: PROJECTS APPROVED UNDER THE REGULAR CONTRIBUTIONS TO THE MULTILATERAL FUND

Summary of progress in implementation of projects for 2020 and cumulative

6. Implementation of projects and activities by UNIDO for 2020 and cumulative since 1993⁶ up to 31 December 2020, is summarized as follows:

- (a) **Phase-out:** In 2020, 213.2⁷ ODP tonnes of consumption of controlled substances were phased out and an additional 662.4 ODP tonnes of consumption of controlled substances were approved for phase-out. Since 1993, 63,143 ODP tonnes and 211,531 mt CO₂-eq of consumption of controlled substances and 17,381 ODP tonnes of production of controlled substances had been phased out, of an expected total of 82,604 ODP tonnes and 211,531 mt CO₂-eq from projects approved (excluding cancelled and transferred projects);
- (b) **Disbursements/approvals:** In 2020, US \$20.65 million was disbursed and US \$23.16 million was planned for disbursement based on the 2019 progress report, representing a rate of disbursement of 89 per cent of that planned. Cumulatively, US \$761.33 million had been disbursed out of the total US \$853.87 million approved for disbursement (excluding agency support costs), representing a rate of disbursement of 89 per cent. In 2020, US \$15.74 million was approved for implementation;

⁴ Ongoing projects are all projects that were under implementation as at 31 December 2020. Key indicators of progress include: percentage of funds disbursed and percentage of projects that have begun disbursing funds; funding expected to be disbursed by the end of the year as a percentage of the approved funding; the average length of projected delay in implementation; and information provided in the remarks column in the progress report database.

⁵ In line with decision 84/12(b), a detailed progress report providing an overview of the objectives, status of implementation, key findings and lessons learned, the amounts of HFC phased out where applicable, the level of funds approved and disbursed and potential challenges in completing the projects and activities, is presented in the consolidated progress report (UNEP/OzL.Pro/ExCom/88/12).

⁶ UNIDO became an implementing agency in 1993.

⁷ Including 118.7 mt (211,531 mt CO₂-eq.) phased out in 2020 for HFC-related projects.

- (c) **Cost-effectiveness (in ODP):**⁸ Since 1993, the average cost-effectiveness of investment projects approved leading to a permanent reduction in consumption was US \$11.20/kg and for all production sector activities (CFC and methyl bromide (MB)) was US \$2.93/kg. The average cost-effectiveness of investment projects per ODP tonne was US \$7.36/kg for completed projects and US \$45.75/kg for ongoing projects;⁹
- (d) **Number of projects completed:** In 2020, 48 projects were completed. Since 1993, 1,604 projects of the 1,851 projects approved (excluding closed or transferred projects) were completed, representing a completion rate of 87 per cent;
- (e) **Speed of delivery – investment projects:** Projects that were completed in 2020 were completed on average 67 months after their approval. Since 1993, the average time for completion of investment projects has been 39 months after their approval. First disbursements under these projects occurred, on average, nine months after they had been approved;
- (f) **Speed of delivery – non-investment projects:** Projects that were completed in 2020 were completed on average 40 months after their approval. Since 1993, the average time for completion of non-investment projects has been 36 months after their approval. First disbursements under these projects occurred, on average, nine months after they had been approved;
- (g) **Project preparation:** Of the 546 project preparation activities approved by the end of 2020, 488 have been completed, leaving 58 ongoing activities. In 2020, 13 preparation activities have been completed;
- (h) **Implementation delays:** A total of 247 projects were under implementation at the end of 2020, experiencing, on average, a delay of 23 months. Thirty-five of these projects are classified as “projects with implementation delays”¹⁰ that are subject to the procedures of project cancellation (as demonstration projects, project preparation, and IS are not subject to those procedures); and
- (i) **Multi-year agreements (MYAs):** In 2020, one MYA for ODS phase-out, one MYA for MB production phase-out, one for control and phase-out of HFC-23 emissions and 79 MYAs for HCFC phase-out management plans (HPMPs) were under implementation. Since 1993, 175 MYAs have been approved and 93 MYAs have been completed, representing a completion rate of 53 per cent.

Project implementation progress in 2020

7. Further to the review process, a number of issues were discussed and satisfactorily addressed, except for issues on 35 projects classified as projects with implementation delays (including 33 projects related to components of MYAs that are subject to procedures for project cancellation, in line with decision 84/45(c); and two investment projects). Annex I to the present document presents those projects classified with implementation delays, and the Secretariat’s recommendation requesting the submission of

⁸ Including 118.7 mt of HFC investment projects. Cost-effectiveness in CO₂-eq. is not included due to the limited number of projects approved.

⁹ The higher value of the cost-effectiveness for ongoing projects is largely due to the lower ODP values of HCFCs but also due to the means of assigning phase-out by agencies.

¹⁰ Projects approved over 18 months with disbursement less than 1 per cent, or projects that had not been completed 12 months after the proposed completion date in the progress report (decision 22/61) (as demonstration projects, project preparation, and institutional strengthening (IS) are not subject to those procedures).

a report to the 90th meeting.

8. In addition, a number of issues were identified regarding projects, tranches of MYAs, and preparation of HPMPs. These issues are also presented in Annex I to the present document. For each of these projects, a brief description on the status of implementation and the outstanding issues are presented and a recommendation is proposed for consideration by the Executive Committee.

9. Details of progress in implementation of projects associated with the HPMPs for Bahrain,¹¹ Brazil,¹² Cameroon,¹³ Chile,¹⁴ China (extruded polystyrene foam sector plan and room air-conditioning sector plan),¹⁵ Egypt,¹⁶ Ethiopia,¹⁷ Kuwait,¹⁸ Niger (the),¹⁹ North Macedonia,²⁰ Oman,²¹ Pakistan,²² Qatar,²³ Senegal,²⁴ and the Sudan,²⁵ and reports on projects with specific reporting requirements²⁶ associated with Libya (HPMP), and Saudi Arabia (HPMP), and China (MB production phase-out plan),²⁷ have been submitted to the 88th meeting. Recommendations for outstanding issues for these projects, including approval of extension requests, if any, are addressed in the relevant sections of these documents. The issues relating to the HPMPs for Algeria, Argentina, Islamic Republic of Iran, Jordan, South Africa and Suriname that were due at the 88th meeting but were not submitted, and for Mexico and Venezuela (Bolivarian Republic of) that were submitted to the 88th meeting but subsequently withdrawn during the project review process, are addressed in the document on tranche submission delays.²⁸ Outstanding issues for the remaining ongoing projects not included in Annex I to the present document, and requests for extension of dates of completion, are addressed below.

10. Of the 170 ongoing projects, excluding IS and project preparation, 81 projects have revised planned dates of completion since the 2019 progress report.

11. In line with decision 82/11(c)(ii), the Secretariat noted that renewal of the IS project for the Syrian Arab Republic had not been submitted for the last two years; the main reason is a large balance still available due to slow progress in implementation; however, UNIDO is planning to submit the renewal request in 2022.

12. In line with decision 82/11(b),²⁹ UNIDO has requested the extension of the duration of a number of HPMPs to beyond 31 December 2022; those that have not been submitted as part of the tranche requests are addressed in the document on reports on projects with specific reporting requirements.³⁰ In addition,

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

²⁹ Any request for an extension would have to be submitted for approval by the Executive Committee in advance of the project completion date, noting that no new commitments were to be made before the extension had been approved.

³⁰ UNEP/OzL.Pro/ExCom/88/18

UNIDO has requested the extension of the duration of one chiller project and one project for enabling activities for the phase-down of HFCs, as shown in Table 1.

Table 1. Projects for which an extension of the completion dates has been requested

Country/Project code	Project title	Disbursement (%)	Status/issues	Original date of completion	Date of completion requested
Global chiller project (Argentina) GLO/REF/80/DEM/344	Global chiller project (Argentina)	13	Additional time needed for procurement and installation of equipment and recovery of CFCs from the existing chillers	Dec-21	Dec-22
Jordan JOR/SEV/82/TAS/104	Enabling activities for HFC phase-down	42	Due to COVID-19 restrictions, additional time needed for completing workshops for awareness on HFC phase-down, energy efficiency improvement, monitoring and controlling HFCs	Dec-21	Jun-22

PART II: PROJECTS APPROVED UNDER THE ADDITIONAL VOLUNTARY CONTRIBUTIONS FOR FAST-START SUPPORT FOR HFC PHASE-DOWN

13. As of 31 December 2020, the Executive Committee had approved 35 HFC-related projects under the additional voluntary contributions, amounting to US \$8,085,163 (excluding agency support costs). A summary of the status of these projects is presented in Table 2.

Table 2. Status of approved HFC-related projects as of the end of 2020

Type	Number of projects			Funding (US \$)*			
	Approved	Completed	% completed	Approved	Disbursed	Balance	% disbursed
Investment**	3	1	33%	3,912,736	2,116,176	1,796,560	54
Project preparation	4	4	100%	119,755	101,389	18,366	85
Technical assistance - Enabling activities	28	8	29%	4,052,672	2,860,759	1,191,913	71
Total	35	13	37%	8,085,163	5,078,324	3,006,839	63

* Excludes agency support costs.

** 112.5 mt (245,860 mt CO₂-eq.) of 265.1 mt (508,586 mt CO₂-eq.) of HFCs had been phased out.

14. As of the end of 2020, of the 35 projects approved, 13 projects had been completed including one investment project, four preparation activities and eight enabling activities, leaving 22 ongoing. Extension of the completion dates of the 20 ongoing enabling activities was approved; these activities are at various stages of implementation.

15. In line with decision 82/11(b),³¹ UNIDO has requested further extension of the duration of three projects for enabling activities as shown in Table 3.

Table 3. Projects for which an extension of the completion dates has been requested

Country/Project code	Project title	Disbursement (%)	Status/issues	Revised completion date	Date of completion requested
Chile CHI/SEV/80/TAS/02+	Enabling activities for HFC phase-down	22	Due to COVID-19 restrictions, additional time needed for completing activities relating to	Dec-21	Jun-22

³¹ Any request for an extension would have to be submitted for approval by the Executive Committee in advance of the project completion date, noting that no new commitments were to be made before the extension had been approved.

Country/Project code	Project title	Disbursement (%)	Status/issues	Revised completion date	Date of completion requested
			training on policies for HFC controls, energy efficiency and service sector for safe adoption of flammable refrigerants		
Morocco MOR/SEV/81/TAS/01+	Enabling activities for HFC phase-down	9	Due to COVID-19 restrictions, additional time needed for completing HFC consumption survey and providing support for ratification of Kigali Amendment	Jan-22	Dec-22
Uruguay URU/SEV/80/TAS/01+	Enabling activities for HFC phase-down	87	Due to COVID-19 restrictions, additional time needed for completing the training programme for technicians on handling of hydrocarbon (HC)-based refrigerants, and end-users activities to reduce HFC consumption, and to promote reclamation of refrigerants	Dec-21	Jun-22

16. Ongoing investment projects include two projects in the refrigeration sector in Argentina and Mexico, which were approved at the 81st meeting; these projects will be completed in 2021 and 2022, respectively. Further to the review process, these projects are classified as projects with implementation delays and are included in Annex I to the present document containing the Secretariat's recommendation requesting the submission of a report to the 90th meeting.

17. Of the total cumulative funding approved of US \$8,085,163, US \$5,078,324 had been disbursed representing a disbursement rate of 63 per cent.

Recommendation

18. The Executive Committee may wish:

- (a) To note the progress report of UNIDO as at 31 December 2020 contained in document UNEP/OzL.Pro/ExCom/88/16;
- (b) To approve the extension of the completion dates of the projects listed below to allow for completion of the remaining ongoing activities as reflected in Table 1 of document UNEP/OzL.Pro/ExCom/88/16:
 - (i) Enabling activities for HFC phase-down for Jordan (JOR/SEV/82/TAS/104) to 30 June 2022;
 - (ii) Global chiller replacement project for Argentina (GLO/REF/80/DEM/344) to 31 December 2022;
- (c) To approve the extension of the completion dates of the projects listed below to allow for completion of the remaining ongoing activities as reflected in Table 3 of document UNEP/OzL.Pro/ExCom/88/16:

- (i) Enabling activities for HFC phase-down for Chile (CHI/SEV/80/TAS/02+) to 30 June 2022;
 - (ii) Enabling activities for HFC phase-down for Morocco (MOR/SEV/81/TAS/01+) to 31 December 2022;
 - (iii) Enabling activities for HFC phase-down for Uruguay (URU/SEV/80/TAS/01+) to 30 June 2022; and
- (d) To approve the recommendations related to ongoing projects with specific issues contained in Annex I to the present document.

Annex I

ONGOING PROJECTS WITH OUTSTANDING ISSUES IN THE PROGRESS REPORT FOR UNIDO

Country/project code*	Project title	Disbursement (%)	Status/Issues	Recommendation
Afghanistan AFG/PHA/77/INV/20	HCFC phase-out management plan (stage I, second tranche)	98	1) 12 months delays 2) Implementation delays due to political situation and lack of national ozone unit (NOU) staff	1) To request UNIDO to report to the 90 th meeting on this project with implementation delays 2) To request UNIDO to provide a status report to the 90 th meeting on the implementation progress
Afghanistan AFG/PHA/79/INV/22	HCFC phase-out management plan (stage I, third tranche)	0	1) 12 and 18 months delays 2) Implementation delays due to political situation and lack of NOU staff; disbursement is nil	1) To request UNIDO to report to the 90 th meeting on this project with implementation delays 2) To request UNIDO to provide a status report to the 90 th meeting on the implementation progress and on disbursement level
Afghanistan AFG/PHA/82/PRP/25	Preparation of a HCFC phase-out management plan (stage II)	92	Implementation delays due to political situation and lack of NOU staff	To request UNIDO to provide a status report to the 90 th meeting on the implementation progress
Afghanistan AFG/PHA/85/INV/28	HCFC phase-out management plan (stage I, fourth tranche)	0	Implementation delays due to political situation and lack of NOU staff	To request UNIDO to provide a status report to the 90 th meeting on the implementation progress
Afghanistan AFG/PHA/85/INV/30	HCFC phase-out management plan (stage II, first tranche)	0	1) 12 months delays 2) Implementation delays due to political situation and lack of NOU staff; disbursement is nil	1) To request UNIDO to report to the 90 th meeting on this project with implementation delays 2) To request UNIDO to provide a status report to the 90 th meeting on the implementation progress and on disbursement level
Albania ALB/PHA/85/INV/41	HCFC phase-out management plan (stage II, first tranche)	0	12 months delays	To request UNIDO to report to the 90 th meeting on this project with implementation delays
Algeria ALG/PHA/66/INV/76	HCFC phase-out management plan (stage I, first tranche) (conversion from HCFC-22 in the manufacture of room air conditioners at Condor)	64	12 months delays	To request UNIDO to report to the 90 th meeting on this project with implementation delays

Country/project code*	Project title	Disbursement (%)	Status/Issues	Recommendation
Algeria ALG/PHA/66/INV/77	HCFC phase-out management plan (stage I, first tranche) (activities in the refrigeration servicing sector including phase-out of HCFC-141b used for flushing, and project monitoring)	45	12 months delays	To request UNIDO to report to the 90 th meeting on this project with implementation delays
Argentina ARG/PHA/79/INV/180	HCFC phase-out management plan (stage II, first tranche) (refrigeration servicing sector)	85	12 months delays	To request UNIDO to report to the 90 th meeting on this project with implementation delays
Argentina ARG/PHA/80/INV/184	HCFC phase-out management plan (stage II, first tranche) (foam sector)	34	12 months delays	To request UNIDO to report to the 90 th meeting on this project with implementation delays
Argentina ARG/PHA/80/TAS/185	HCFC phase-out management plan (stage II, first tranche) (management and coordination)	87	12 months delays	To request UNIDO to report to the 90 th meeting on this project with implementation delays
Argentina ARG/PHA/84/TAS/191	HCFC phase-out management plan (stage II, second tranche) (monitoring and reporting of HCFC-22 production)	0	Delay in verification report due to COVID-19 travel restrictions; disbursement is nil	To request UNIDO to provide a status report to the 90 th meeting on the completion of verification report of HCFC-22 production and on disbursement level
Argentina ARG/REF/81/INV/01+	Conversion project for replacement of HFC-134a with isobutane (R-600a)/propane (R-290)-based refrigerant in the manufacture of domestic and commercial refrigeration equipment at Briket, Bambi and Mabe-Kronen	58	12 months delays	To request UNIDO to report to the 90 th meeting on this project with implementation delays
Global chiller project (Argentina) GLO/REF/80/DEM/344	Global chiller project (Argentina)	13	Additional time needed for procurement and installation of equipment and recovery of CFCs from the existing chillers	To request UNIDO to provide a status report to the 90 th meeting on procurement and installation of chillers and recovery of CFCs from the existing chillers
Botswana BOT/PHA/75/INV/18	HCFC phase-out management plan (stage I, first tranche)	90	12 months delays	To request UNIDO to report to the 90 th meeting on this project with implementation delays
Botswana BOT/PHA/82/INV/21	HCFC phase-out management plan (stage I, second tranche)	0	18 months delays; disbursement is nil	To request UNIDO to report to the 90 th meeting on this project with implementation delays

Country/project code*	Project title	Disbursement (%)	Status/Issues	Recommendation
Congo (the) PRC/PHA/76/INV/31	HCFC phase-out management plan (stage I, third tranche)	89	12 months delays	To request UNIDO to report to the 90 th meeting on this project with implementation delays
Iran (Islamic Republic of) IRA/PHA/77/INV/228	HCFC phase-out management plan (stage II, first tranche) (foam sector)	61	12 months delays	To request UNIDO to report to the 90 th meeting on this project with implementation delays
Iran (Islamic Republic of) IRA/PHA/84/INV/239	HCFC phase-out management plan (stage II, second tranche) (foam sector)	2	12 months delays; low level of disbursement	To request UNIDO to report to the 90 th meeting on this project with implementation delays
Iran (Islamic Republic of) IRA/PHA/84/TAS/240	HCFC phase-out management plan (stage II, second tranche) (refrigeration servicing sector)	0	12 months delays; disbursement is nil	To request UNIDO to report to the 90 th meeting on this project with implementation delays
Iraq IRQ/PHA/58/INV/09	National phase-out plan (first tranche)	89	12 months delays	To request UNIDO to report to the 90 th meeting on this project with implementation delays
Iraq IRQ/PHA/74/INV/23	HCFC phase-out management plan (stage I, second tranche) (refrigeration servicing sector)	19	12 months delays	To request UNIDO to report to the 90 th meeting on this project with implementation delays
Iraq IRQ/REF/57/INV/07	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	89	12 months delays	To request UNIDO to report to the 90 th meeting on this project with implementation delays
Jordan JOR/PHA/77/INV/100	HCFC phase-out management plan (stage II, first tranche) (polyurethane spray foam sector)	64	12 months delays	To request UNIDO to report to the 90 th meeting on this project with implementation delays
Jordan JOR/PHA/77/INV/101	HCFC phase-out management plan (stage II, first tranche) (refrigeration servicing sector)	48	12 months delays	To request UNIDO to report to the 90 th meeting on this project with implementation delays
Jordan JOR/PHA/84/INV/106	HCFC phase-out management plan (stage II, second tranche) (polyurethane spray foam sector)	0	Delay due to COVID-19 restrictions for finalising working agreements with beneficiaries; disbursement is nil	To request UNIDO to provide a status report to the 90 th meeting on implementation progress and disbursement level

Country/project code*	Project title	Disbursement (%)	Status/Issues	Recommendation
Jordan JOR/PHA/84/TAS/107	HCFC phase-out management plan (stage II, second tranche) (refrigeration servicing sector, project management and coordination)	2	Delay due to COVID-19 restrictions for conducting training programmes and meetings relating to the project; low level of disbursement	To request UNIDO to provide a status report to the 90 th meeting on implementation progress and disbursement level
Libya LIB/PHA/75/INV/36	HCFC phase-out management plan (stage I, first tranche) (foam sector)	71	1) 12 months delays 2) Implementation slow due to political situation in the country	1) To request UNIDO to report to the 90 th meeting on this project with implementation delays 2) To request UNIDO to provide a status report to the 90 th meeting on implementation progress
Libya LIB/PHA/75/INV/37	HCFC phase-out management plan (stage I, first tranche) (refrigeration servicing sector)	54	1) 12 months delays 2) Implementation slow due to political situation in the country	1) To request UNIDO to report to the 90 th meeting on this project with implementation delays 2) To request UNIDO to provide a status report to the 90 th meeting on implementation progress
Libya LIB/PHA/82/INV/42	HCFC phase-out management plan (stage I, second tranche) (refrigeration servicing sector)	12	1) 12 months delays 2) Implementation slow due to political situation in the country	1) To request UNIDO to report to the 90 th meeting on this project with implementation delays 2) To request UNIDO to provide a status report to the 90 th meeting on implementation progress
Libya LIB/FOA/82/PRP/41	Preparation for HCFC phase-out investment activities (stage II) (foam sector)	6	Implementation slow due to political situation in the country; low level of disbursement	To request UNIDO to provide a status report to the 90 th meeting on finalisation of stage II of the HPMP and disbursement level
Libya LIB/FOA/82/PRP/43	Preparation of a HCFC phase-out management plan (stage II)	0	Implementation slow due to political situation in the country; disbursement is nil	To request UNIDO to provide a status report to the 90 th meeting on finalisation of stage II of the HPMP and disbursement level
Madagascar MAG/PHA/76/INV/28	HCFC phase-out management plan (stage I, third tranche)	96	12 months delays	To request UNIDO to report to the 90 th meeting on this project with implementation delays
Mexico MEX/PHA/77/INV/183	HCFC phase-out management plan (stage II, second tranche) (refrigeration servicing sector)	97	12 months delays	To request UNIDO to report to the 90 th meeting on this project with implementation delays

Country/project code*	Project title	Disbursement (%)	Status/Issues	Recommendation
Mexico MEX/REF/81/INV/04+	Conversion of commercial refrigeration manufacturing in two facilities from the use of HFC-134a and R-404A as the refrigerants to propane (R-290) and isobutane (R-600a) at Imbera	1	12 months delays; low level of disbursement	To request UNIDO to report to the 90 th meeting on this project with implementation delays
Montenegro MOG/PHA/85/INV/16	HCFC phase-out management plan (stage II, first tranche)	0	12 months delays; disbursement is nil	To request UNIDO to report to the 90 th meeting on this project with implementation delays
Mozambique MOZ/PHA/83/INV/31	HCFC phase-out management plan (stage I, third and fourth tranches)	0	18 months delays; disbursement is nil	To request UNIDO to report to the 90 th meeting on this project with implementation delays
MYA/PHA/80/INV/19	HCFC phase-out management plan (stage I, second tranche)	90	Implementation delays due to political situation and discontinuation of UN communication with the Government	To request UNIDO to provide a status report to the 90 th meeting on implementation progress with an update on resumption of activities
MYA/PHA/83/PRP/20	Preparation of a HCFC phase-out management plan (stage II)	0	Implementation delays due to political situation and discontinuation of UN communication with the Government; disbursement is nil	To request UNIDO to provide a status report to the 90 th meeting on finalisation of stage II of the HPMP
South Africa SOA/PHA/71/INV/06	HCFC phase-out management plan (stage I, second tranche) (refrigeration servicing, customs training and monitoring)	94	12 months delays	To request UNIDO to report to the 90 th meeting on this project with implementation delays
South Africa SOA/PHA/83/TAS/13	HCFC phase-out management plan (stage I, fourth tranche) (refrigeration servicing, custom training and monitoring)	0	18 months delays; disbursement is nil	To request UNIDO to report to the 90 th meeting on this project with implementation delays
Syrian Arab Republic SYR/REF/62/INV/103	Phase-out of HCFC-22 and HCFC-141b from the manufacture of unitary air-conditioning equipment and rigid polyurethane insulation panels at Al Hafez Group	69	12 months delays	To request UNIDO to report to the 90 th meeting on this project with implementation delays

Country/project code*	Project title	Disbursement (%)	Status/Issues	Recommendation
Turkmenistan TKM/PHA/86/INV/17	HCFC phase-out management plan (stage II, first tranche)	0	12 months delays; disbursement is nil	To request UNIDO to report to the 90 th meeting on this project with implementation delays
United Republic of Tanzania (the) URT/PHA/76/INV/35	HCFC phase-out management plan (stage I, second tranche)	66	12 months delays	To request UNIDO to report to the 90 th meeting on this project with implementation delays
Venezuela (Bolivarian Republic of) VEN/PHA/76/INV/134	HCFC phase-out management plan (stage II, first tranche) (technical assistance in refrigeration and air- conditioning manufacturing sector)	69	12 months delays	To request UNIDO to report to the 90 th meeting on this project with implementation delays
Venezuela (Bolivarian Republic of) VEN/PHA/76/TAS/132	HCFC phase-out management plan (stage II, first tranche) (refrigeration servicing sector)	64	12 months delays	To request UNIDO to report to the 90 th meeting on this project with implementation delays
Zambia ZAM/PHA/77/INV/33	HCFC phase-out management plan (stage I, third tranche)	0	12 and 18 months delays; disbursement is nil	To request UNIDO to report to the 90 th meeting on this project with implementation delays

* Codes ending with “+” are from the additional contributions.

Annex II

ANALYSIS OF THE PROGRESS REPORT OF UNIDO AS AT 31 DECEMBER 2020

1. This Annex consists of the following two parts:

Part I: Projects approved under the regular contributions to the Multilateral Fund.

Part II: Projects approved under the additional voluntary contributions for fast-start support for HFC phase-down.

PART I: PROJECTS APPROVED UNDER THE REGULAR CONTRIBUTIONS TO THE MULTILATERAL FUND

2. As of 31 December 2020, the Executive Committee had approved US \$966.76 million, consisting of US \$853.87 million for the implementation of investment and non-investment projects, and US \$112.89 million for agency support costs, as shown in Table 1. In 2020, 58 new projects and activities were approved. This level of funding is expected to result in the phase-out of 82,604 ODP tonnes of consumption and production of controlled substances.

Table 1: Approved funding by sector for UNIDO as at 31 December 2020

Sector	Funding (US \$)
Aerosol	34,413,701
Destruction	3,805,540
Foam	89,105,490
Halon	1,780,369
Fumigants	78,028,741
Multiple sectors	139,440
Other	11,317,246
Phase-out plan	353,091,265
Process agent	6,337,359
Production	51,128,201
Refrigeration	182,191,775
Several	19,287,372
Solvents	23,247,443
Sub-total	853,873,942
Agency support costs	112,890,657
Total	966,764,599

3. A summary of the status of projects implemented by category is presented in Table 2.

Table 2: Status of project implementation by category

Type	Number of projects*			Funding (US \$)**			
	Approved	Completed	% completed	Approved	Disbursed	Balance	% disbursed
Country programme	11	11	100	722,669	722,669	0	100
Demonstration	43	42	98	23,417,099	22,299,665	1,117,433	95
Institutional strengthening (IS)	92	73	79	14,689,423	12,110,188	2,579,235	82
Investment	937	795	85	766,940,563	684,379,507	82,561,056	89
Project preparation	546	488	89	22,866,295	21,261,834	1,604,460	93
Technical assistance	199	172	86	24,041,358	19,359,997	4,681,361	81
Training	23	23	100	1,196,535	1,196,535	0	100
Total	1,851	1,604	87	853,873,942	761,330,396	92,543,546	89

* Excludes closed and transferred projects.

** Excludes agency support costs.

4. Table 3 presents an overview of the status of project implementation by year.³² All projects and activities approved between 1993 and the end of 2007, have now been completed.

Table 3: Status of project implementation by year

Year	Number of projects*			Funding (US \$)**			
	Approved	Completed	% completed	Approved	Disbursed	Balance	% disbursed
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
Total	1,851	1,604	87	853,873,942	761,330,396	92,543,546	89

* Excludes closed and transferred projects.

** Excludes agency support costs.

5. Table 4 presents project implementation by country for 2020.

Table 4. Summary of project implementation by UNIDO for 2020

Country	Phased out in 2020 (ODP tonnes)*	Percentage of planned phase-out achieved in 2020	Estimated funds disbursed in 2020 (US\$)	Funds disbursed in 2020 (US\$)	Percentage of funds disbursed over estimation in 2020	Percentage of planned projects completed in 2020
Afghanistan	0.2		50,000	51,665	103	0
Albania	0.0		32,500	35,797	110	100
Algeria	0.0		110,000	56,864	52	0

³² The data is presented according to the year when a project was approved by the Executive Committee. It treats all approvals (investment and non-investment projects) equally (i.e., an investment project or a funding tranche of an MYA of US \$1 million is considered one project, same as a country programme preparation of US \$30,000). Key indicators from the annual summary are: the percentage of projects completed, ODP phased out, and percentage of funds disbursed. There are three types of disbursements: during implementation, after implementation and for retroactively-financed projects.

Country	Phased out in 2020 (ODP tonnes)*	Percentage of planned phase-out achieved in 2020	Estimated funds disbursed in 2020 (US\$)	Funds disbursed in 2020 (US\$)	Percentage of funds disbursed over estimation in 2020	Percentage of planned projects completed in 2020
Argentina	4.7	100	581,301	709,564	122	75
Armenia	0.0		77,080	95,697	124	
Bahamas (the)	0.0		15,244	14,880	98	
Bahrain	0.0		15,002	6,823	45	
Benin	0.0		10,009	0	0	100
Bolivia (Plurinational State of)	0.5		28,001	29,133	104	0
Bosnia and Herzegovina	0.0		99,500	95,096	96	0
Botswana	0.0		172,800	66,557	39	
Brazil	0.0		1,106,216	777,431	70	0
Burkina Faso	0.0		69,991	55,967	80	
Burundi	0.0		26,000	13,639	52	
Cameroon	0.1		29,001	34,355	118	
Chad	0.0		5,000	0	0	
Chile	1.7		301,400	29,647	10	
China	26.1	0	7,081,262	7,975,477	113	17
Congo (the)	0.0	0	12,000	21,165	176	0
Cote D'Ivoire	0.1		75,000	33,810	45	
Ecuador	7.7		192,983	198,098	103	100
Egypt	21.1		1,365,534	1,093,458	80	
Equatorial Guinea	0.0		43,000	51,301	119	
Eritrea	0.0		3,350	89	3	
Ethiopia	0.0		73,000	0	0	
Gabon	0.0		84,000	84,212	100	
Gambia (the)	0.0		7,344	8,693	118	0
Grenada	0.0		1,919	1,919	100	
Guatemala	0.8		34,500	51,589	150	100
Guinea-Bissau	0.0		14,000	2,550	18	100
Honduras	0.0		45,300	80,142	177	100
Iran (Islamic Republic of)	0.1		209,259	33,838	16	
Iraq	0.0		638,895	3,124	0	0
Jordan	118.7	0	958,785	1,208,360	126	100
Democratic People's Republic of Korea (the)	0.0		4	21,485	537117	
Kuwait	0.0		3,310,000	3,034,632	92	
Lebanon	0.0		24	25	104	100
Liberia	0.0		2,000	0	0	
Libya	0.0		171,004	92,179	54	0
Madagascar	0.0		80,302	74,783	93	
Malawi	0.0		9,410	9,384	100	100
Mexico	0.0		505,774	224,177	44	25
Montenegro	0.0		30,001	53,352	178	100
Morocco	0.0		122,000	85,655	70	100
Mozambique	0.0		19,001	53,579	282	
Myanmar	0.0		3,882	2,036	52	
Nicaragua	0.8		54,400	52,926	97	
Niger (the)	0.0		67,000	3,747	6	100
Nigeria	0.2		140,969	52,050	37	
North Macedonia	0.1		75,001	115,312	154	
Oman	0.0		85,001	59,450	70	0
Pakistan	0.0		1,535,000	189,718	12	

Country	Phased out in 2020 (ODP tonnes)*	Percentage of planned phase-out achieved in 2020	Estimated funds disbursed in 2020 (US\$)	Funds disbursed in 2020 (US\$)	Percentage of funds disbursed over estimation in 2020	Percentage of planned projects completed in 2020
Philippines (the)	0.0		110,000	131,619	120	
Qatar	1.6	100	7,002	29,104	416	100
Rwanda	0.2	100	49,081	52,681	107	100
Saint Lucia	0.0		20,342	19,892	98	
Saudi Arabia	19.0		508,115	786,247	155	67
Senegal	0.0		44,000	53,334	121	100
Serbia	0.0		124,602	66,301	53	50
Sierra Leone	0.0		6,510	5,165	79	100
Somalia	0.0		44,000	20,475	47	0
South Africa	0.0		163,300	119,458	73	25
Sudan (the)	0.0		693,155	267,925	39	
Suriname	0.1		4,000	0	0	
Syrian Arab Republic	0.0		36,001	622,522	1729	
United Republic of Tanzania (the)	0.0		33,500	29,225	87	
Togo	3.6		111,077	125,590	113	
Tunisia	5.8		533,300	294,083	55	0%
Turkey	0.0		784,020	814,128	104	100%
Turkmenistan	0.0		44,000	65,628	149	100%
Uganda	0.0		3,430	4,464	130	
Venezuela (Bolivarian Republic of)	0.0		11,201	11,202	100	
Zambia	0.0		12,000	0	0	
Global	0.0		35,447	82,861	234	100
Region: ASP	0.0		3,300	4,347	132	
Grand Total	213.2	2	23,161,332	20,651,680	89	51

* 118.7 mt (211,531 mt CO₂-eq.) phased out in 2020 for HFC-related projects.

6. Table 5 presents a summary of HFC-related projects approved under regular contributions.

Table 5. HFC-related projects approved under regular contributions

Type	Number of projects			Funding (US \$)*			
	Approved	Completed	% completed	Approved	Disbursed	Balance	% disbursed
Investment**	2	1	50	2,120,668	1,524,521	596,147	72
Project preparation	3	2	67	159,816	129,510	30,306	81
Technical assistance - Enabling activities	3	0	0	400,000	110,439	289,561	28
Total	8	3	38	2,680,484	1,764,470	916,014	66

* Excludes agency support costs.

** 118.7 mt (211,531 mt CO₂-eq.) was approved and phased out for investment projects.

7. There are currently eight HFC-related projects (including two investment projects, three project preparation and three enabling activities). Of the eight projects, one investment and two preparation projects have been completed, leaving five ongoing. Extension of the completion dates of three enabling activities was approved; these activities are at various stages of implementation.

8. The ongoing HFC investment project related to the control and phase-out of HFC-23 in Mexico approved at the 86th meeting and will be completed in October 2022.

9. Of the total cumulative funding approved of US \$2,680,484 (excluding agency support costs), US \$1,764,470 had been disbursed, representing a disbursement rate of 66 per cent.

PART II: PROJECTS APPROVED UNDER THE ADDITIONAL VOLUNTARY CONTRIBUTIONS FOR FAST-START SUPPORT FOR HFC PHASE-DOWN

10. As of 31 December 2020, the Executive Committee had approved 35 HFC-related projects under the additional voluntary contributions amounting to US \$8,085,163 (excluding agency support costs). A summary of the status of these projects is presented in Table 6.

Table 6. Status of approved HFC-related projects as of the end of 2020

Type	Number of projects			Funding (US \$)*			
	Approved	Completed	% completed	Approved	Disbursed	Balance	% disbursed
Investment**	3	1	33%	3,912,736	2,116,176	1,796,560	54
Project preparation	4	4	100%	119,755	101,389	18,366	85
Technical assistance - Enabling activities	28	8	29%	4,052,672	2,860,759	1,191,913	71
Total	35	13	37%	8,085,163	5,078,324	3,006,839	63

* Excludes agency support costs.

** 112.5 mt (245,860 mt CO₂-eq) of 265.1 mt (508,586 mt CO₂-eq.) of HFCs had been phased out.

11. As of the end of 2020, of the 35 projects approved, 13 projects had been completed including one investment project, four preparation activities and eight enabling activities, leaving 22 ongoing. Extension of the completion dates of the 20 ongoing enabling activities was approved; these activities are at various stages of implementation.

12. Ongoing investment projects include two projects in the refrigeration sector in Argentina and Mexico, which were approved at the 81st meeting; these projects will be completed in 2021 and 2022, respectively.

13. Of the total cumulative funding approved of US \$8,085,163, US \$5,078,324 had been disbursed representing a disbursement rate of 63 per cent.



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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