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COMITÉ EXÉCUTIF
DU FONDS MULTILATÉRAL AUX FINS
D'APPLICATION DU PROTOCOLE DE MONTRÉAL
Quatre-vingt-quatrième réunion
Montréal, 16 – 20 décembre 2019

**RAPPORT PÉRIODIQUE DE LA BANQUE MONDIALE
AU 31 DÉCEMBRE 2018**

1. Ce document présente le rapport périodique de la Banque mondiale au 31 décembre 2018.¹

Portée du document

2. Ce document réunit les parties suivantes :

Partie I : Projets approuvés au titre des contributions régulières au Fonds multilatéral. Elle présente un sommaire des progrès accomplis dans la mise en œuvre des projets en 2018 et un état cumulatif depuis 1991; elle offre une analyse de l'état de la mise en œuvre de tous les projets en cours au pays² et met en évidence les projets dont la mise en œuvre accuse un retard et les conséquences possibles de ces retards sur l'élimination des substances réglementées, ainsi que les projets comportant des questions en instance pour examen par le Comité exécutif.

Partie II : Projets approuvés au titre des contributions supplémentaires volontaires en appui au démarrage rapide de la réduction progressive des HFC³. Elle offre un état de la mise

¹ Le rapport périodique est joint au présent document. Les données ont été intégrées à la base des données des rapports périodiques globaux, disponible sur demande.

² Les projets en cours consistent en tous les projets qui étaient en voie de mise en œuvre jusqu'au 31 décembre 2018. Les principaux indicateurs de progrès sont : le pourcentage des fonds décaissés et le pourcentage de projets pour lesquels le décaissement de fonds a débuté; les sommes dont le décaissement est prévu au cours de l'année en tant que pourcentage du financement approuvé; la durée moyenne des retards dans la mise en œuvre des projets; et les renseignements fournis dans la colonne des observations de la base de données des rapports périodiques.

³ Toutes les activités en lien avec les HFC relevant de la Banque mondiale ont été approuvées au titre des contributions supplémentaires volontaires.

en œuvre des projets de réduction progressive des HFC financés à partir des contributions volontaires.

Recommandation.

3. L'annexe I au présent document contient une analyse du rapport périodique.

Mesures utilisées dans les rapports périodiques

4. Avant l'Amendement de Kigali, toutes les substances réglementées au titre du Protocole de Montréal étaient des substances qui appauvrissaient la couche d'ozones. Les mesures relatives à ces substances étaient exprimées en tonnes PAO. Les substances réglementées au titre de l'Amendement de Kigali ne sont pas des substances qui appauvrissent la couche d'ozone et les cibles de réglementation de ces substances sont mesurées en tonnes métriques d'équivalent de CO₂ (tm éq-CO₂) (c'est-à-dire, la consommation en tonnes métriques (tm) multipliée par le potentiel de réchauffement de la planète (PRG) de la substance). Nonobstant les deux différentes mesures utilisées dans les rapports sur les substances réglementées, le rapport périodique de la Banque mondiale présenté à la 84^e réunion est fondé sur les tonnes PAO pour toutes les substances réglementées.⁴

Aperçu des activités de réduction progressive des HFC

5. Le Comité exécutif avait approuvé six projets en lien avec les HFC au titre des contributions supplémentaires volontaires au 31 décembre 2018, pour la somme de 1 213 514 \$US (coûts d'appui à l'agence en sus). Le Comité exécutif a approuvé le report de la date d'achèvement des activités de facilitation de deux de ces projets à la 83^e réunion, et la demande de prolongation des activités de facilitation d'un projet est présentée à la 84^e réunion.

Processus d'examen des progrès par le Secrétariat

6. Le Secrétariat a examiné l'état de la mise en œuvre de tous les projets en cours par pays en tenant compte des retards dans la mise en œuvre par rapport à la date d'achèvement prévue déclarée en 2018, des conséquences possibles de ces retards sur la réduction progressive des substances réglementées et des taux de décaissement prévus. Le Secrétariat a s'est entretenu à plusieurs reprises avec la Banque mondiale afin de discuter des questions concernant les projets en cours, avant d'en arriver à une solution satisfaisante.

PARTIE I : PROJETS APPROUVÉS AU TITRE DES CONTRIBUTIONS RÉGULIÈRES AU FONDS MULTILATÉRAL

Sommaire des progrès accomplis dans la mise en œuvre des projets en 2018 et cumul

7. La mise en œuvre des projets et activités par la Banque mondiale en 2018 et le cumul depuis 1991 jusqu'au 31 décembre 2018 sont résumés ci-dessous :

- a) **Élimination**⁵ : Une quantité totale de 98,1 tonnes PAO a été éliminée au titre de la consommation de substances réglementées en 2018, et l'élimination d'une consommation supplémentaire de 32,2 tonnes PAO de substances réglementées a été approuvée. Une

⁴ La question des deux différentes mesures des substances réglementées est abordée dans le rapport périodique global (UNEP/OzL.Pro/ExCom/84/16).

⁵ Toutes les substances réglementées visées par ces projets étaient des substances qui appauvrissent la couche d'ozone.

consommation de 146 006 tonnes PAO et une production de 186 808 tonnes PAO de substances réglementées ont été éliminées depuis 1991 sur une quantité totale de 304 578 tonnes PAO prévue dans le cadre de projets approuvés (ne comprenant pas les projets annulés et transférés);

- b) **Décaissements/approbations** : Une somme de 9,33 millions \$US a été décaissée en 2018 et un décaissement de 13,74 millions \$US a été prévu dans le rapport périodique de 2017, pour un taux de décaissement de 68 pour cent de la somme prévue. Au total, 1,13 milliard \$US ont été décaissés sur les 1,16 milliard \$US approuvés aux fins de décaissement (coûts d'appui à l'agence en sus), ce qui représente un taux de décaissement de 97 pour cent. Une somme de 26,41 millions \$US a été approuvée pour la mise en œuvre en 2018.
- c) **Rapport coût-efficacité (en tonnes PAO)⁶** : Le rapport coût-efficacité moyen des projets d'investissement approuvés menant à une réduction permanente de la consommation est de 5,48 \$US/kg depuis 1991 et de 4,91 \$US/kg pour le secteur de la production. Le rapport coût-efficacité moyen par tonne PAO des projets d'investissement est de 3 \$US/kg pour les projets achevés et de 95,55 \$US/kg pour les projets en cours⁷ ;
- d) **Nombre de projets achevés** : Vingt et un projets ont été menés à terme en 2018. Au total, 1 063 des 1 087 projets approuvés (à l'exception des projets fermés ou transférés) ont été achevés depuis 1991, ce qui représente un taux d'achèvement de 98 pour cent ;
- e) **Rapidité d'exécution, projets d'investissement** : Neuf projets d'investissement ont été achevés en 2018. La durée moyenne d'achèvement des projets d'investissement depuis 1991 est de 40 mois après l'approbation et les premiers décaissements pour ces projets a eu lieu 24 mois, en moyenne, après leur approbation ;
- f) **Rapidité d'exécution, projets ne portant pas sur des investissements** : La durée moyenne des projets achevés en 2018 a été de 42 mois après l'approbation. Depuis 1991, la durée moyenne d'achèvement des projets ne portant pas sur des investissements a été de 36 mois après leur approbation. Les premiers décaissements pour ces projets ont été effectués 22 mois après leur approbation ;
- g) **Préparation des projets** : Au total, 290 des 291 activités de préparation de projets ont été achevées en date de la fin 2018, ce qui en laisse une en cours ;
- h) **Retards dans la mise en œuvre** : Dix-sept projets d'investissement étaient en cours de mise en œuvre à la fin de 2018. Ces projets connaissent un retard moyen de 45 mois. Il n'y a toutefois aucun projet classé parmi les « projets dont la mise en œuvre accuse un retard » visés par des procédures d'annulation de projet (car cette procédure ne s'applique pas aux accords pluriannuels) ;
- i) **Accords pluriannuels** : La Banque mondiale assurait la mise en œuvre de huit accords pluriannuels portant sur des plans de gestion de l'élimination des HCFC (PGEH) en 2018. Trente-neuf accords pluriannuels ont été approuvés depuis 1991 et 31 accords pluriannuels ont été menés à terme.

⁶ Toutes les substances réglementées au titre de ces projets étaient des substances qui appauvrissent la couche d'ozone, et étaient donc mesurées en tonnes PAO.

⁷ La valeur plus élevée du rapport coût-efficacité des projets en cours est attribuable en grande partie à la valeur PAO moins élevée des HCFC et aussi à la manière d'attribuer l'élimination par les agences.

Progrès dans la mise en œuvre en 2018

8. Quatre des 20 projets en cours⁸, à l'exception des projets de renforcement des institutions et de la préparation de projets, présentent une date d'achèvement révisée depuis le rapport périodique de 2017.

9. Les détails des progrès dans la mise en œuvre des projets associés aux PGEH pour la Chine (phase II du plan du secteur de la mousse de polyuréthane)⁹, la Jordanie¹⁰ et le Viet Nam¹¹, et les rapports sur les projets comportant des exigences particulières pour la remise des rapports¹² associés à la Chine (élimination de production de CFC, agents de transformation, élimination des CFC et des halons, et PGEH) et l'Indonésie (PGEH) ont été présentés à la 84^e réunion. Les recommandations sur les questions en instance pour ces projets, y compris l'approbation des demandes de prorogation, s'il y a lieu, sont abordées dans les parties pertinentes de ces documents. Il n'y a aucune question en instance pour les autres projets en cours.

PARTIE II : PROJETS APPROUVÉS AU TITRE DES CONTRIBUTIONS SUPPLÉMENTAIRES VOLONTAIRES EN APPUI AU DÉMARRAGE RAPIDE DE LA RÉDUCTION PROGRESSIVE DES HFC

10. Le Comité exécutif avait approuvé six projets en lien avec les HFC au 31 décembre, comme résumé dans le tableau 1 :

Tableau 1 : Projets en lien avec les HFC approuvés en 2018

Type	Nombre de projets			Financement (SUS)*			
	Approuvés	Achevés	% d'achèvement	Approuvés	Décaissement	Solde	% de décaissement
Investissement	1	0	0	183 514	0	183 514	0
Préparation de projets	1	1	100	30 000	30 000	0	100
Assistance technique, activités de facilitation	4	0	0	1 000 000	113 390	886 610	11
Total	6	1	17	1 213 514	143 390	1 070 124	12

*Coûts d'appui à l'agence en sus

11. Une des six activités de préparation de projets approuvées en date de la fin de 2018 a été menée à terme. Le projet d'investissement portant sur l'élimination de 8,8 tm (12 555 tm éq-CO₂) de HFC est au tout début du processus de mise en œuvre et aucune somme n'a été décaissée. La Banque mondiale a toutefois confirmé que le projet serait achevé à la date prévue. Les activités de facilitation en sont à différentes étapes de mise en œuvre. Une somme cumulative de 143 390 \$US a été décaissée à ce jour sur la somme totale approuvée de 1 213 514 \$US aux fins de décaissement (coûts d'appui en sus), ce qui représente un taux de décaissement de 12 pour cent.

Recommandation

12. Le Comité exécutif pourrait souhaiter prendre note du rapport périodique de la Banque mondiale au 31 décembre 2018 contenu dans le document UNEP/OzL.Pro/ExCom/84/21.

⁸ Le PGEH des Philippines a été transféré à l'ONUDI à la 83^e réunion (décision 83/39)

⁹ UNEP/OzL.Pro/ExCom/84/42

¹⁰ UNEP/OzL.Pro/ExCom/84/53

¹¹ UNEP/OzL.Pro/ExCom/84/62

¹² UNEP/OzL.Pro/ExCom/84/22

Annexe I

**ANALYSE DU RAPPORT PÉRIODIQUE DE LA BANQUE MONDIALE
AU 31 DÉCEMBRE 2018**

1. Cette annexe comprend les deux parties suivantes :

Partie I : Projets approuvés au titre des contributions régulières au Fonds multilatéral.

Partie II : Projets approuvés au titre des contributions supplémentaires volontaires en appui au démarrage rapide de la réduction progressive des HFC.

PARTIE I : PROJETS APPROUVÉS AU TITRE DES CONTRIBUTIONS RÉGULIÈRES AU FONDS MULTILATÉRAL

2. Le Comité exécutif avait approuvé 1,28 milliard \$US au 31 décembre 2018, à savoir 1,16 milliard \$US pour la mise en œuvre de projets d'investissement et ne portant pas sur des investissements, et 117,02 millions \$US pour les coûts d'appui à l'agence, comme indiqué dans le tableau 1. Sept nouveaux projets et activités ont été approuvés en 2018. Ce niveau de financement devrait aboutir à l'élimination de 304 578 tonnes PAO de consommation et de production de substances réglementées.

Tableau 1. Sommes approuvées par secteur pour la Banque mondiale au 31 décembre 2018

Secteur	Financement (\$US)
Aérosols	22 984 030
Destruction	400 000
Lutte contre les incendies	0
Mousses	136 426 742
Halons	70 221 038
Fumigènes	5 837 887
Multiples secteurs	2 341 168
Autre	5 059 360
Plan d'élimination	202 548 086
Agents de transformation	114 342 497
Production	382 729 770
Réfrigération	180 323 076
Plusieurs	28 969 731
Solvants	10 237 394
Stérilisants	661 227
Total partiel	1 163 082 006
Coûts d'appui à l'agence	117 016 674
Total	1 280 098 680

3. Le tableau 2 contient un sommaire de l'état des projets par catégorie.

Tableau 2. État de la mise en œuvre des projets, par catégorie

Type	Nombre de projets*			Financement (\$US)**			
	Approuvés	Achevés	% d'achèvement	Approuvés	Décaissement	Solde	% de décaissement
Programme de pays	29	29	100	1 627 732	1 627 732	0	100
Démonstration	8	8	100	6 313 753	6 114 808	198 945	97
Renforcement des institutions	50	47	94	9 569 981	8 823 324	746 657	92
Investissement	632	615	97	1 102 492 200	1 067 432 078	35 060 122	97

Type	Nombre de projets*			Financement (SUS)**			
	Approuvés	Achevés	% d'achèvement	Approuvés	Décaissement	Solde	% de décaissement
Préparation de projets	291	290	100	26 689 025	26 682 750	6 275	100
Assistance technique	73	70	96	16 083 548	14 947 550	1 135 998	93
Formation	4	4	100	305 766	305 766	0	100
Total	1 087	1 063	98	1 163 082 006	1 125 934 008	37 147 998	97

*Ne comprend pas les projets fermés et transférés

**Coûts d'appui à l'agence en sus

4. Le tableau 3 présente un aperçu de l'état de la mise en œuvre des projets, par année¹. Tous les projets et activités approuvés de 1991 à 2010 sont maintenant achevés.

Tableau 3. État de la mise en œuvre des projets, par année

Année	Nombre de projets*			Financement (SUS)**			
	Approuvés	Achevés	% d'achèvement	Approuvés	Décaissement	Solde	% de décaissement
1991	42	42	100	5 429 404	5 429 404	0	100
1992	76	76	100	28 047 705	28 047 705	0	100
1993	79	79	100	42 538 405	42 538 405	0	100
1994	91	91	100	41 081 267	41 081 267	0	100
1995	112	112	100	47 224 186	47 224 186	0	100
1996	55	55	100	29 319 479	29 319 479	0	100
1997	95	95	100	56 173 102	56 173 104	-2	100
1998	59	59	100	35 959 418	35 959 417	1	100
1999	73	73	100	64 173 138	64 173 138	0	100
2000	67	67	100	36 982 134	36 982 134	0	100
2001	29	29	100	55 212 853	55 212 854	-1	100
2002	32	32	100	64 357 778	64 357 778	0	100
2003	24	24	100	72 734 119	72 734 119	0	100
2004	29	29	100	77 111 770	77 111 770	0	100
2005	28	28	100	68 592 865	68 592 865	0	100
2006	22	22	100	64 473 260	64 473 260	0	100
2007	25	25	100	66 005 270	66 005 270	0	100
2008	28	28	100	40 214 774	40 214 774	0	100
2009	22	22	100	25 563 461	25 541 662	21 799	100
2010	16	16	100	1 148 623	1 148 623	0	100
2011	10	7	70	44 668 997	44 182 659	486 338	99
2012	10	9	90	11 745 779	11 698 145	47 634	100
2013	7	5	71	43 650 189	43 581 582	68 607	100
2014	13	12	92	28 346 333	28 346 333	0	100
2015	13	11	85	69 350 804	69 344 529	6 275	100
2016	18	12	67	12 894 457	4 515 974	8 378 483	35
2017	5	3	60	3 673 565	1 651 291	2 022 274	45
2018	7	0	0	26 408 870	292 281	26 116 589	1
Total	1,087	1,063	98	1 163 082 006	1 125 934 008	37 147 998	97

*Ne comprend pas les projets fermés et transférés

**Coûts d'appui à l'agence en sus

¹ Les données sont présentées selon l'année d'approbation du projet par le Comité exécutif. Tous les projets approuvés (projets d'investissement et ne portant pas sur des investissements) sont traités de la même façon (c.-à-d., un projet d'investissement ou une tranche de financement d'un accord pluriannuel d'un million \$US est considéré comme un projet, au même titre que la préparation d'un programme de pays de 30 000 \$US). Les principaux indicateurs du sommaire annuel sont : le pourcentage de projets achevés, les PAO éliminées et le pourcentage des fonds décaissés. Il y a trois types de décaissements : au cours de la mise en œuvre, après la mise en œuvre et pour les projets financés à titre rétroactif.

5. Le tableau 4 présente la mise en œuvre des projets par pays pour 2018.

Tableau 4 : Sommaire de la mise en œuvre des projets par la Banque mondiale en 2018

Pays	Élimination en 2018* (tonnes PAO)	Pourcentage du décaissement total effectué en 2018	Estimation des sommes décaissées en 2018 (\$US)	Sommes décaissées en 2018	Pourcentage des sommes décaissées en sus de l'estimation de 2018	Pourcentage des projets prévus achevés en 2018
Arabie saoudite	3.6	100	554 400	477 000	86	100
Argentine	0.0		43 815	43 815	100	100
Chine	0.0	0	5 868 312	2 320 337	40	60
Indonésie	19.9		1 630 480	1 600 596	98	
Jordanie	0.0		444 815	134 540	30	50
Mondial	0.0		0	0		100
Thaïlande	74.6	100	5 114 580	4 749 432	93	92
Viet Nam	0.0		85 000	0	0	
Total	98.1	4	13 741 402	9 325 719	68	83

*Aucune élimination pour les projets en lien avec les HFC en 2018

PARTIE II : PROJETS APPROUVÉS AU TITRE DES CONTRIBUTIONS SUPPLÉMENTAIRES VOLONTAIRES EN APPUI AU DÉMARRAGE RAPIDE DE LA RÉDUCTION PROGRESSIVE DES HFC

6. En date du 31 décembre 2018, le Comité exécutif avait approuvé six projets en lien avec les HFC au titre des contributions supplémentaires volontaires, pour la somme de 1 213 514 \$US (coûts d'appui à l'agence en sus). Le tableau 5 présente un sommaire de l'état de ces projets.

Tableau 5. Projets en lien avec les HFC approuvés en 2018

Type	Nombre de projets			Financement (\$US)*			
	Approuvés	Achevés	% d'achèvement	Approuvés	Décaissement	Solde	% de décaissement
Investissement	1	0	0	183 514	0	183 514	0
Préparation de projets	1	1	100	30 000	30 000	0	100
Activités de facilitation	4	0	0	1 000 000	113 390	886 610	11
Total	6	1	17	1 213 514	143 390	1 070 124	12

*Coûts d'appui à l'agence en sus

7. Une des six activités de préparation de projets approuvées en date de la fin de 2018 a été menée à terme. Le projet d'investissement portant sur l'élimination de 8,8 tm (12 555 tm éq-CO₂) de HFC est au tout début du processus de mise en œuvre et aucune somme n'a été décaissée. La Banque mondiale a toutefois confirmé que le projet serait achevé à la date prévue. Les activités de facilitation en sont à différentes étapes de mise en œuvre. Une somme cumulative de 143 390 \$US a été décaissée à ce jour sur la somme totale approuvée de 1 213 514 \$US aux fins de décaissement (coûts d'appui en sus), ce qui représente un taux de décaissement de 12 pour cent.



UNITED NATIONS
INDUSTRIAL DEVELOPMENT ORGANIZATION

UNIDO Progress and Financial Report 2018

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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 1993-2018 approved for UNIDO activities under the Multilateral Fund amount to US\$ 822,328,725, 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 2018. 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\$ 7,863,736 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 2018, UNIDO’s cumulative disbursement for all projects (completed and ongoing) amounts to US\$ 722,152,823 excluding agency support cost, core unit funding and disbursements in projects funded by additional contributions. This corresponds to a delivery rate of 88 per cent. Out of this amount, US\$ 650,205,529 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 – 2018 amounts to US\$ 39,278,646 and is shown by years in the Table 1 “Annual Summary” in the Excel file. The interest earned in 2018 amounts to US\$ 1,133,185.

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	0.10%	11	0.63%
DEM (Demonstration projects)	26,091,990	3.14%	43	2.48%
INS (Institutional strengthening)	12,647,405	1.52%	82	4.73%
INV (Investment projects)	743,748,709	89.53%	886	51.10%
PRP (Project preparation)	24,420,052	2.94%	510	29.41%
TAS (Technical Assistance)	21,727,040	2.62%	179	10.32%
TRA (Training)	1,249,459	0.15%	23	1.33%
Total (excluding agency support cost)	830,699,655	100%	1,734	100%

* These figures are without adjustments, which are in total US\$ -8,370,930.

** 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 2018 UNIDO’s overall disbursement rate (excluding agency support cost) was 88%. 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)	21,348,941	90%
INS (Institutional strengthening)	10,609,346	84%
INV (Investment projects)	650,205,529	88%
PRP (Project preparation)	20,454,633	94%
TAS (Technical Assistance)	17,615,172	84%
TRA (Training)	1,196,533	100%
Total (excluding agency support cost)	722,152,823	88%

Multi-Year Agreements

In the reporting year, two new multi-year performance based projects were approved for UNIDO’s implementation, the Stage II HCFC Phase-out Management Plan in Cameroon and Nigeria.

- 7) As shown in Annex II in the Excel file, UNIDO has been implementing hundred-fifty-five performance-based, multi-year agreements. Eighty nine of these agreements are HCFC Phase-out Management Plans (Afghanistan, Albania, Algeria, Argentina (2), Bahamas, Bahrain, Benin, Bolivia, Bosnia & Herzegovina, Botswana, Brazil, Burkina Faso, Burundi, Cameroon (2), Central African Republic, Chad, Chile, China (2x2), Congo (Rep. of), Cote d’Ivoire, Croatia, DPR Korea, Ecuador, Egypt (2), Equatorial Guinea, Eritrea, Ethiopia, Gabon, Gambia, Granada, Guinea-Bissau, Guinea, Guatemala, Honduras, Indonesia, Iran (2), Iraq, Jordan (2), Kuwait, Libya, Macedonia, Madagascar, Malawi,

Mexico (2), Montenegro, Morocco, Mozambique, Myanmar, Nicaragua, Niger, Nigeria (2), Oman (2), Pakistan (2), Philippines, Qatar, Rwanda, Saint Lucia, Saint Vincent and the Grenadines, Saudi Arabia, Senegal, Serbia, Sierra Leone, Somalia, South Africa, Sudan (2), Suriname, Tanzania, Togo, Tunisia, Turkey, Turkmenistan, Uganda, Venezuela (2), Yemen and Zambia).

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.	China	MDI phase-out	CFC	No	Total
2.	Egypt	CFC phase-out in the MDI sector	CFCs	No	Total
3.	Iraq	National ODS Phase Out Plan	CFC, Halon, CTC, TCA	Yes	Total

In 2018 the below listed projects were completed:

- National methyl bromide phase-out plan in China;
- Technical assistance on two alternatives to methyl bromide in the palm date sector in Egypt;
- National phase-out of methyl bromide in Guatemala;
- Technical assistance for the Methyl Bromide phase-out in Iraq;
- Technical assistance for the final phase-out of methyl bromide in the post-harvest sector in Sudan.

The National phase-out plan in Yemen was cancelled at the 82nd ExCom.

- 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
Aerosols	482
Foams	72.8
Phase-out	4,406.9
Refrigeration	325.2
Total	5,286.9

- 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 77,615 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	3,683
Foams	13,074
Fumigants	5,612
Halons	2,003
Other (Tobacco)	1,170
Process agents	908
Phase-out	13,076
Production	17,381
Refrigeration	18,475
Several	39
Solvents	2,194
Total	77,615

- 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 2018 is 8 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 2018) amounts to 749.9 ODP tonnes. In addition, 8 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 2018.

Non-investment project completions since last report

- 12) Since the last report, 19 non-investment projects, with approved funding of US\$ 3,433,499 were completed: 11 in Africa, 4 in Asia and the Pacific, 3 in Europe, and the Core Unit Funding.

III. Global and Regional Project Highlights

Global Projects

- 13) Core Unit Funding for the year 2019 was approved in December 2018. The core unit funding for the year 2018 that was approved in 2017 for UNIDO as a global project in the amount of US\$ 2,069,385 was completed in December 2018.
- 14) The following global projects have been ongoing in the reporting year:
 - Demonstration project on refrigerant quality, containment and introduction of low-global warming potential alternatives (Eastern Africa and Caribbean regions)
 - Global chiller replacement project (Argentina)
 - Demonstration project for the introduction of trans-critical CO₂ refrigeration technology for supermarkets (Argentina and Tunisia)

Regional Projects

- 15) The below regional project has been ongoing in Asia in the reporting year:
 - Promoting alternative refrigerants in air-conditioning for high ambient countries in West Asia (PRAHA-II);

IV. Performance Indicators

Business Plan Performance Goals as decided by the Executive Committee

- 16) 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.
- 17) The targets and achievements for the year 2018 performance indicators approved during the 80th Meeting of the ExCom are indicated below.

A1. Planning – Approvals

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

In 2018, 22 tranches were approved in total against the updated target of 33. The original target was 42, however, the below projects were not approved beyond UNIDO's control:

- As reported to the 82nd Meeting of the Executive Committee under the tranche submission delays, UNIDO was ready for submission of the following tranches: Antigua, Cote d'Ivoire, Guinea (lead agency was not ready), Algeria, Niger, Iraq, Qatar and Venezuela (not submitted due to Government delays).
- The 3rd tranche of the Stage II XPS sector plan for China (Decision 82/71) was submitted to the ExCom, but was not approved, although all requirements specified in the agreement have been met.

Out of the 22 tranches approved, 20 are tranches of existing multi-year projects. In addition, 2 tranches were approved for the new multi-year projects of Stage II in Cameroon and Nigeria.

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

During 2018, 52 individual projects were approved against the originally agreed target of 52. However the target should be updated to 43 taking into account the projects not approved for reasons beyond UNIDO's control:

- The Enabling Activity project for the Democratic Republic of the Congo was not submitted because the country decided to work with another agency.
- The Preparations for HPMP Stage II projects for Equatorial Guinea, Eritrea, Sierra Leone, Nicaragua and Kuwait were not submitted as per decision from lead agency.
- The Preparation for HPMP Stage II project for Sao Tome was submitted and approved only for the lead agency.
- The 2 HFC Demonstration projects for Ecuador were submitted but not approved by the Executive Committee (Decision 82/78).

The approvals include 5 renewals of institutional strengthening projects (Armenia, Egypt, Libya, Mexico and Oman) and 16 technical assistance projects (11 enabling activities projects, 4 verification projects and 1 global project for UNIDO's 2019 Core Unit Funding).

A2. Implementation

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

During 2018 the funds disbursed as per IPSAS were US\$ 25,682,439 against the estimated disbursements for year 2018 established in the Progress Report for year 2017 of US\$ 23,573,657.

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

Altogether 472 ODP tonnes can be recorded as achievements compared to an adjusted target of 648.94 ODP tonnes for all MYA projects approved in 2018. The original target of 842.5 ODP tonnes was adjusted in the final prorated business plan to 826.7 ODP tonnes. In addition 177.76 ODP tonnes need to be deducted from the target as explained in section 18 due to the non-submission and/or non-approval of several tranches beyond UNIDO's control.

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

During 2018 UNIDO completed 45 projects against the target of 57.

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

Performance indicators: Targets and achievements in 2018

Type of Indicator	Short title	Calculation	Weighting	Target 2018	Achievement 2018
Planning-- Approval	Tranches approved	Number of tranches approved vs. those planned	10	33*	22
Planning-- Approval	Projects/ activities approved	Number of projects/activities approved vs. those planned (including project preparation activities)	10	43**	52
	Sub-total		20		
Implementation	Funds disbursed	Based on estimated disbursement in progress report (USD)	15	23,573,657 US\$***	25,745,440 US\$
Implementation	ODS phase-out	ODS phase-out for the tranche when the next tranche is approved vs. those planned per business plans	25	648.94 ODP tonnes****	472 ODP tonnes
Implementation	Project completion for activities	Project completion vs. planned in progress reports for all activities (excl. project preparation)	20	57	45

Type of Indicator	Short title	Calculation	Weighting	Target 2018	Achievement 2018
	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

* The original target was 42, however, as reported to the 82nd Meeting of the Executive Committee under the tranche submission delays, UNIDO was ready for submission of the following tranches: Antigua, Cote d'Ivoire, Guinea (lead agency was not ready), Algeria, Niger, Iraq, Qatar and Venezuela (not submitted due to Government delays). The 3rd tranche of the Stage II XPS sector plan for China (Decision 82/71) was submitted to the ExCom, but was not approved.

** The subject target should be reduced from 52 to 43 taking into account the projects not approved for reasons beyond UNIDO's control: the Enabling Activity project for the Democratic Republic of the Congo was not submitted because the country decided to work with another agency; the Preparations for HPMP Stage II projects for Equatorial Guinea, Eritrea, Sierra Leone, Nicaragua and Kuwait were not submitted as per decision from lead agency; the Preparation for HPMP Stage II project for Sao Tome was submitted and approved only for the lead agency; the HFC Demonstration projects for Ecuador were submitted but not approved by the Executive Committee (Decision 82/78).

***The original target of US\$ 25,351,715 has been adjusted to the estimated disbursements for 2018 provided in the 2017 Progress and financial report.

**** The original target of 842.5 ODP tonnes was adjusted in the final prorated business plan to 826.7 ODP tonnes. In addition 177.76 ODP tonnes need to be deducted from the target due to the non-submission and/or non-approval of several tranches beyond UNIDO's control as stated in section 18.

In addition to the above, UNIDO's approvals in 2018 amounted to US\$ 27,943,186 plus US\$ 5,437,736 from additional contributions for HFC activities (excluding agency support costs).

Cumulative completed investment projects

24) Since 1993, UNIDO's cumulative number of completed investment projects has grown to 754. Out of a total of US\$ 526,177,611 of approved funding including adjustments. The average number of months from approval to first disbursement was 9.2 months. The average number of months from approval to completion was 37.6 months. The cost effectiveness of completed projects is US\$ 7.02/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.

Cumulative completed non-investment projects

- 25) Since 1993, UNIDO's cumulative number of completed non-investment projects is 297. Out of a total of US\$ 48,123,147 approved funding, 99 per cent of funds have been disbursed. Except for 70 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.

Cumulative ongoing investment projects

- 26) By the end of 2018, UNIDO's cumulative portfolio of ongoing investment, demonstration and recovery and recycling projects contained 132 projects. Of the US\$ 210,656,117 approved budget, 58 per cent has been disbursed. It took an average of 9.5 months from approval to first disbursement. The Africa region had 53 ongoing projects, Asia and the Pacific 47 ongoing projects, Europe 11 ongoing projects and Latin America and the Caribbean 21 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.

Cumulative ongoing non-investment projects

- 27) At the end of 2018, UNIDO's cumulative portfolio of ongoing non-investment projects consisted of 41 projects. Out of a total of US\$ 10,333,557 of approved funding, 35 per cent has been disbursed. The ongoing non-investment projects include 21 Technical Assistance projects, 12 Institutional Strengthening projects and 8 Demonstration projects. 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 27 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

- 28) 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, investment, demonstration and recovery and recycling projects, the time elapsing between project approval and first disbursement.

Project preparation by country, approved amount and amounts disbursed

- 29) As of the end of 2018, UNIDO had on-going project preparation in 32 countries with approved funding amounting to US\$ 1,557,250 out of which US\$ 176,720 has been disbursed. In addition one project preparation for HFC investment project in China was approved and ongoing in 2018.

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

- 30) UNIDO is lead agency or only implementing agency for altogether 33 **Stage I HPMPs**. 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.	60	Macedonia, FYR	UNIDO only impl. agency
17.	64	Mexico	UNIDO lead agency with UNDP
18.	63	Montenegro	UNIDO only impl. Agency
19.	65	Morocco	UNIDO only impl. Agency
20.	66	Niger	UNIDO lead agency with UNEP
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.	65	Senegal	UNIDO lead agency with UNEP
26.	62	Serbia	UNIDO lead agency with UNEP
27.	67	Somalia	UNIDO only impl. Agency
28.	67	South Africa	UNIDO only impl. Agency
29.	66	Sudan	UNIDO only impl. Agency
30.	72	Tunisia	UNIDO lead agency with UNEP and France

#	Mtg	Country	Main / Cooperating agency
31.	62	Turkmenistan	UNIDO only impl. Agency
32.	68	Turkey	UNIDO lead agency with UNEP
33.	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, Sierra Leone, Suriname, Tanzania, Togo, Uganda, Yemen and Zambia;
- UNDP: Indonesia, Iran and Nigeria;

Outstanding **Stage I HPMPs**:

- Stage I HPMP PRP activities could still not be finalized in Syria due to the security situation in the country.

Completed **Stage I HPMPs**:

- Croatia, implemented by UNIDO.

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

	Mtg	Country	Main / Cooperating agency
1.	79	Argentina	UNIDO lead w. Italy
2.	75	Brazil	UNDP/UNIDO/Germany/Italy
3.	82	Cameroon	UNIDO only impl. Agency
4.	76	Chile	UNDP lead agency w. UNIDO
5.	77	China- RAC Sector	UNIDO lead w. Italy
6.	77	China – XPS sector	UNIDO lead agency with GIZ
7.	79	Egypt	UNIDO lead agency/UNDP/UNEP/Germany
8.	77	Iran	UNDP/UNEP/UNIDO/Germany
9.	77	Jordan	World Bank lead w. UNIDO
10.	73	Mexico	UNIDO lead agency w. Germany, Italy, Spain and UNEP
11.	81	Nigeria	UNDP lead agency w. UNIDO
12.	75	Oman	UNIDO lead agency w. UNEP
13.	76	Pakistan	UNIDO lead agency w. UNEP
14.	75	Sudan	UNIDO only impl. Agency
15.	76	Venezuela	UNIDO lead agency w. UNDP

ODS destruction demonstration projects

- 32) The demonstration project for disposal of unwanted ODS in Nigeria was completed in 2018. The Pilot demonstration project on ODS waste management and disposal is under implementation in Lebanon.

Climate impact of Montreal Protocol activities

- 33) 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.
- 34) During the reporting period, the following demonstration projects were ongoing:
- Demonstration project on the use of low cost pentane foaming technology for the conversion to non-ODS technologies in polyurethane foams at small and medium enterprises (Morocco)
 - Promoting alternative refrigerants in air-conditioning for high ambient countries in West Asia (PRAHA-II)
 - Demonstration project on refrigerant quality, containment and introduction of low-global warming potential alternatives (Eastern Africa and Caribbean regions)
 - Global chiller replacement project (Argentina)
 - Demonstration project for the introduction of trans-critical CO₂ refrigeration technology for supermarkets (Argentina and Tunisia)
 - Demonstration project for the phase-out of HCFCs by using HFO as foam blowing agent in the spray foam applications in high ambient temperatures (Saudi Arabia)
 - Demonstration project on promoting HFO-based low-global warming potential refrigerants for air-conditioning sector in high ambient temperatures (Saudi Arabia)
 - Pilot demonstration project on ODS waste management and disposal (Lebanon)

The associated projects listed below were completed during 2018:

- Feasibility study addressing district cooling (Egypt)
- Demonstration project on the technical and economic advantages of the vacuum assisted injection in discontinuous panels plant retrofitted from HCFC-141b to pentane (South Africa)

Activities related to HFC phase down

- 35) In 2018 additional 11 enabling activities projects were approved for UNIDO to provide fast-start support for implementation of the Kigali Amendment bringing the number of countries being supported by UNIDO with enabling activities to 29.
In addition, in 2018 5 investment projects for conversion from HFCs were approved for UNIDO in Argentina, Jordan, Lebanon and Mexico (2).
Details on UNIDO 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

36) UNIDO attended/participated in the following meetings in 2018:

#	Meeting	Location	Dates
1.	Inter-Regional Thematic and Network Meetings for National Ozone Officers	Paris, France	January
2.	Inter-Agency Coordination Meeting	Montreal, Canada	March
3.	Joint Meeting of National Ozone Officer Networks of South Asia, South-East Asia, and West Asia, back-to-back with the Ozone2Climate Industry Roadshow	Beijing, China	April
4.	ATMOsphere, Business Case for Natural Refrigerants	Beijing, China	April
5.	Joint Anglophone and Francophone Network meeting of National Ozone Officers	Gaborone, Botswana	May
6.	Meeting with the MLF Secretariat on Refrigeration Servicing Sector	Montreal, Canada	May
7.	81 st Executive Committee Meeting	Montreal, Canada	June
8.	Europe & Central Asia (ECA) Meeting of Montreal Protocol and Refrigeration & Air-Conditioning (RAC) Experts	Valencia, Spain	June
9.	Latin America Network Meeting of National Ozone Officers	Guatemala city, Guatemala	June
10	40 th Meeting of the Open-ended Working Group of the Parties (OEWG)	Vienna, Austria	July
11	60 th Meeting of the Implementation Committee under the Non-Compliance Procedure for the Montreal Protocol (ImpCom)	Vienna, Austria	July
12	2nd International Stakeholders Workshop on the Refrigeration Servicing Sector	Paris, France	July
13	Inter-Agency Coordination Meeting	Montreal, Canada	September
14	Agencies coordination meeting and celebration Event for Ozone Day	Beijing, China	September
15	Workshop on compliance capacity building and workshop on Distributed Cooling and Heating (organized by Sweden and China)	Beijing, China	September
16	Europe and Central Asia Annual meeting of Ozone Officers	Antalya, Turkey	October
17	30 th Meeting of the Parties (MOP)	Quito, Ecuador	November

#	Meeting	Location	Dates
18	Joint Regional Network Meeting of Ozone Officers for Latin American and the Caribbean	Quito, Ecuador	November
19	61 st Meeting of the Implementation Committee under the Non-Compliance Procedure for the Montreal Protocol (ImpCom)	Quito, Ecuador	November
20	82 nd Executive Committee Meeting	Montreal, Canada	December

Implementing agency and other cooperation

- 37) 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 I HPMPs: Argentina, Bolivia, Egypt, Indonesia, Iran, Jordan, Nigeria, Mexico and Stage II HPMP in Brazil, Chile, Egypt, Iran, Jordan, Nigeria and Venezuela.
- 38) Cooperation with UNEP: UNIDO has been implementing 59 HPMPs together with UNEP until 2018. In 2018 10 tranches of ongoing HPMPs were approved with UNEP as lead or co-implementing agency in Albania, Botswana, Burundi, Chile, Ecuador, Guatemala, Honduras, Nicaragua, Oman and Suriname.
- 39) Participation in inter-agency meetings: As in the past years, UNIDO participated in all major inter-agency coordination meetings organized by either the Multilateral Fund Secretariat or by any of the other implementing agencies.
- 40) Cooperation with Bilateral Agencies: During 2018, UNIDO continued implementation of the ongoing bilateral projects.
- 41) Those bilateral projects under UNIDO's implementation, which have been ongoing or have been completed in 2018 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, first tranche) (residential air-conditioning manufacturing sector plan)	Tunisia	0.40	97,690	ONG
2	France	HCFC phase-out management plan (stage I, first tranche) (refrigeration servicing sector)	Tunisia	0.50	38,000	ONG

#	Bilateral Agency	Project Title	Country	Impact	Approved Funding (US\$)	Status
3	France	HCFC phase-out management plan (stage I, second tranche) (residential air-conditioning manufacturing sector plan)	Tunisia	1.50	356,397	ONG
4	Italy	HCFC phase-out management plan (stage II, first tranche) (refrigeration servicing sector)	Argentina	2.90	250,000	ONG
5	Italy	HCFC phase-out management plan (Stage II, first tranche)(RAC sector)	China	10.30	891,892	ONG
6	Italy	HCFC phase-out management plan (stage II, first tranche) (foam sector)	Iran	7.10	403,203	ONG
7	Italy	HCFC phase-out management plan (stage II, first tranche) (reclamation of HCFC refrigerants)	Mexico	-	458,191	ONG
8	Italy	Enabling activities for HFC phase-down	Tunisia	-	75,000	ONG
9	Japan	Phase-out of HCFC-22 and HCFC-142b from the manufacture of extruded polystyrene panel at Al-Watania Plastics	Saudi Arabia	1.90	110,000	ONG
10	Russia	Development of a regional centre of excellence for training and certification and demonstration of low-global warming potential alternative refrigerants	Regional Europe	-	591,600	ONG
11	Spain	HCFC phase-out management plan (stage II, second tranche) (cleaning agent phase-out in refrigeration servicing sector)	Mexico	2.30	76,991	ONG
12	Spain	HCFC phase-out management plan (stage II, second tranche) (phase-out of HCFC-22 and HCFC-141b in solvent)	Mexico	-	700,000	COM
13	Spain	HCFC phase-out management plan (stage II, second tranche) (refrigeration servicing sector)	Mexico	-	280,000	ONG

#	Bilateral Agency	Project Title	Country	Impact	Approved Funding (US\$)	Status
14	Spain	HCFC phase-out management plan (stage II, third tranche) (refrigeration servicing sector)	Mexico	13.1	1,070,000	ONG

Other issues

- 42) 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 2018, UNIDO has continued to practice the following initiatives, which supported successful project implementation:
- Regular missions to ozone offices and project sites are organized to monitor together with the ozone officers the implementation of national and/or sector phase-out plans and ongoing stand-alone projects. UNIDO visits the respective ozone offices at least once a year. When required, UNIDO fields ad-hoc missions and requests support from the field representatives, who are in regular contact with the ozone office of the country to organize training, clear equipment from the customs, recruit national experts, undertake local procurement, process project travels, etc.
 - Good cooperation with the national ozone offices has continued and 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 destruction of ODS-related equipment are taken in a timely manner.
 - Due to security and/or political issues, UNIDO experienced delays in project implementation during 2018 in several countries.
- 43) UNIDO is regularly attending Regional Network Meetings and respective workshops providing additional support to our counterpart countries.
- 44) UNIDO also provides, when requested, support such as policy assistance, putting in place relevant legislation etc.
- 45) In March 2018, representatives from 18 countries attended the Workshop on Enabling Activities for HFC phase-down organized by UNIDO in Vienna. The event brought together mostly representatives from National Ozone Units in Africa, Asia and Latin America and experts from UNIDO. The workshop aimed to support Article 5 countries to better address the upcoming challenges but most importantly to grasp the immediate and longer term opportunities offered by the Kigali Amendment to the Montreal Protocol. The addressed topics include HFC data management for Kigali Amendment, standards and regulatory framework and energy efficiency. Over 2 days of presentations

and interactive discussions, participants expressed their main priorities and shared their experience in tackling the phase down of ozone depleting substances and high global warming potential HFCs, while at the same time also considering economic development, energy efficiency and safety.

VII Tables and Annexes*

Table 1	Annual Summary
Table 2	Summary Data by Project Type
Table 3	ODP to be Phased out – By Region, Country and Sector – Ongoing Projects
Table 3a	ODP Phased out by Region, Country and Sector – Completed Projects
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