UNITED PATIONS EP



United Nations Environment Programme

Distr. GENERAL

UNEP/OzL.Pro/ExCom/84/26 20 November 2019

ORIGINAL: ENGLISH



EXECUTIVE COMMITTEE OF
THE MULTILATERAL FUND FOR THE
IMPLEMENTATION OF THE MONTREAL PROTOCOL
Eighty-fourth Meeting
Montreal, 16–20 December 2019

CONSOLIDATED BUSINESS PLAN OF THE MULTILATERAL FUND FOR 2020–2022

Introduction

1. The Secretariat and the bilateral and implementing agencies began their collaborative efforts on business planning of the Multilateral Fund for 2020–2022 with the submission of the initial business plan tables on 23 September 2019. The total value of the 2020–2022 business plan tables as submitted is summarized in Table 1.

Table 1. Total initial business plan values for 2020–2022 (U\$ \$000)

Item	2020	2021	2022	Total (2020–2022)	Total after 2022
Grand total	231,764	188,376	177,667	597,807	420,048
Indicative budget	171,000	180,000*	180,000*	531,000	
Difference	60,764	8,376	(2,333)	66,807	

^{*} Assumed the same level of the 2018–2020 replenishment of the Multilateral Fund.

- 2. The Secretariat reviewed new activities, in particular stage II of HCFC phase-out management plans (HPMPs) in the light of stage I of HPMPs, remaining funding eligibility and costs, and sent comments to bilateral and implementing agencies. During the Inter-agency coordination meeting (IACM),¹ the Secretariat discussed the issues arising from the review of the initial business plan tables including, *inter alia*: over-programming, HPMP-related activities, projects in the 2019 business plans but not submitted to the 84th meeting, the production sector including tranches associated with the HCFC production phase-out management plan (HPPMP) for China, and HFC-related activities.
- 3. Further to the discussion at the IACM, bilateral and implementing agencies revised their business plan tables and resubmitted them with the narrative sections. The total value of the revised business plan for 2020-2022 is summarized in Table 2.

¹ Montreal, 9 to 11 October 2019.

Table 2. Total revised business plan values for 2020–2022 as submitted (US \$000)

Item	2020	2021	2022	Total (2020–2022)	Total after 2022
Grand total	214,860	178,190	181,692	574,743	436,495
Indicative budget	171,000	180,000*	180,000*	531,000	
Difference	43,860	(1,810)	1,692	43,743	

^{*} Assumed the same level of the 2018–2020 replenishment of the Multilateral Fund.

Content

- 4. This document presents the consolidated business plans of the Multilateral Fund for 2020–2022 and comprises the business plans for 2020–2022 of bilateral agencies,² and UNDP³, UNEP⁴, UNIDO⁵ and the World Bank⁶ submitted to the 84th meeting.
- 5. This document consists of the following sections:
 - Resource allocation in the business plan for 2020–2022
 - Secretariat's comments
 - Adjustments to the consolidated business plan of the Multilateral Fund for 2020–2022
 - Other policy issues
 - Recommendation

Resource allocation in the business plan for 2020–2022

6. Table 3 presents, by year, the value of activities included in the business plan for 2020–2022. The values exceed the indicative budget by US \$43.74 million (i.e. 8.2 per cent of the indicative budget).

Table 3. Resource allocation in the business plan for 2020–2022 as submitted (US \$000)*

Item	2020	2021	2022	Total (2020–2022)	Total after 2022
HCFC activities					
Approved HPMPs	127,430	94,423	95,544	317,397	147,714
HCFC production project preparation (PRP) – stage I	80	0	0	80	0
HCFC production – stage I	0	1,070	2,140	3,210	2,140
HCFC production – stage II	26,140	26,140	25,677	77,956	181,561
HPMP stage I	346	0	500	846	0
HPMP PRP – stage II	462	360	0	822	34
HPMP stage II	12,160	10,976	7,316	30,452	65,836
HPMP PRP – stage III	1,304	1,153	182	2,639	0
HPMP stage III	1,178	6,102	4,407	11,687	38,534
HPMP verification	589	589	589	1,766	0
HCFC technical assistance	990	0	0	990	0
HCFC activities subtotal	170,679	140,811	136,354	447,845	435,819
HFC activities	<u> </u>				

² UNEP/OzL.Pro/ExCom/84/27

³ UNEP/OzL.Pro/ExCom/84/28

⁴ UNEP/OzL.Pro/ExCom/84/29

⁵ UNEP/OzL.Pro/ExCom/84/30

⁶ UNEP/OzL.Pro/ExCom/84/31

Item	2020	2021	2022	Total (2020–2022)	Total after 2022
HFC – enabling activities	316	262	0	578	0
HFC – investment	1,819	0	0	1,819	0
HFC phase-down plan – PRP	6,054	1,976	478	8,508	0
HFC phase-down plan	0	0	7,290	7,290	0
HFC activities subtotal	8,188	2,238	7,768	18,195	0
Standard activities					
Compliance Assistance Programme (CAP)	11,428	11,771	12,124	35,324	0
Core unit	5,961	6,003	6,045	18,009	0
Institutional strengthening (IS)	11,741	9,858	11,741	33,340	677
Secretariat, Executive Committee, and Monitoring and Evaluation costs minus Canadian counterpart	6,362	7,009	7,159	20,530	0
Treasurer	500	500	500	1,500	0
Standard activities subtotal	35,993	35,141	37,569	108,702	677
Grand total	214,860	178,190	181,692	574,743	436,495
Indicative budget	171,000	180,000**	180,000**	531,000	
Difference	43,860	(1,810)	1,692	43,743	

^{*} Including agency support costs where applicable.

Secretariat's comments

HCFC production – stage I and project preparation

7. A total of US \$5.35 million (including US \$3.21 million for the period of 2020 to 2022) and US \$80,000 for project preparation are included for stage I of the HPPMP in India. At the 70th meeting, the World Bank was requested to provide certification of the year of establishment of the HCFC-22 production line at Hindustan Fluorocarbons Limited in India. The Secretariat has not yet received information confirming the production of HCFC-22 for controlled uses prior to the cut-off date of 21 September 2007.

HCFC production – stage II

- 8. A total of US \$259.52 million is included for the HPPMP for China. This amount includes US \$77.96 million for the period 2020–2022 and US \$181.56 million for after 2022. At the 81st meeting, the Executive Committee *inter alia* approved on an exceptional basis, US \$24.29 million (including agency support costs) for the HPPMP for China, and noted that this amount would be deducted from the funding of stage II.⁷ Taking into account the approval at the 81st meeting, the average annual level of funding after stage I of the HPPMP starting in 2019 should be US \$23.50 million (or US \$70.49 million for 2020–2022) assuming the maximum amount of funding (US \$406.56 million),⁸ including agency support costs per decision 69/28(e). Therefore, the proposed level of funding for 2020–2022 would exceed the average annual amount by approximately 10.6 per cent.
- 9. The request for funding for stage II of the HPPMP for China is being resubmitted to the 84th meeting in accordance with decision 83/72.

^{**} Assumed the same level of the 2018–2020 replenishment of the Multilateral Fund.

⁷ Decision 81/71(b) and (c).

⁸ US \$385 million plus agency support costs of US \$21.56 million (calculated at 5.6 per cent of the project cost).

Stage I of HPMPs and additional projects

10. There is one country (Syrian Arab Republic)⁹ for which stage I of the HPMP has not yet been approved. The business plan includes US \$846,137 for activities in 2020–2022.

Stage II of HPMPs

- 11. The total level of funding for stage II of HPMPs for low-volume-consuming (LVC) countries is US \$21.51 million, of which US \$11.25 million is for 2020–2022 to meet the 67.5 per cent reduction of the HCFC baseline. In addition, the value of projects for LVC countries to meet a 100 per cent reduction is US \$8.79 million including US \$3.93 million for 2020–2022.
- 12. The total level of funding for stage II of HPMPs in non-LVC countries is US \$65.99 million with an associated phase-out of 655.7 ODP tonnes of HCFCs, including US \$15.27 million for 2020–2022 with a phase-out of 239.9 ODP tonnes of HCFCs. The funding distribution by sector is provided in Table 4.

Table 4. Funding distribution of stage II of HPMPs in non-LVC countries by sector (US \$000)

Sector	2020-2022	After 2022	Total	Per cent of total (%)
Rigid foam	1,461	394	1,855	2.8
Refrigeration air-conditioning	276	0	276	0.4
Refrigeration assembly	645	0	645	1.0
Refrigeration manufacturing	2,609	27,781	30,390	46.1
Refrigeration servicing	10,283	22,537	32,820	49.7
Grand total	15,274	50,712	65,986	100.0

Stage III of HPMPs

13. A total of US \$50.22 million is included in the business plan for stage III of HPMPs for 11 countries (Armenia, Chile, the Dominican Republic, Lebanon, Mexico, Nigeria, Panama, the Philippines, the Republic of Moldova, the Sudan and Uruguay) (including US \$11.69 million for 2020–2022). Inclusion of stage III of HPMPs in the business plan is allowed only for those countries that had stage II of an HPMP approved to meet a reduction target by 2020 (decision 82/45(c)(i)). However, five of these countries have an approved stage II with reduction target beyond 2020 (Chile, Lebanon, Mexico, Nigeria and the Philippines).

HPMP verification

14. The Secretariat has included an amount of US \$588,600 per year for verification reports, ¹⁰ assuming that 18 reports, each at a cost of US \$32,700, will be prepared (US \$1.77 million for 2020–2022).

HCFC technical assistance regional project

15. The business plan includes two HCFC technical assistance regional projects for "promoting low-global warming potential refrigerants for air-conditioning sectors in high ambient temperature

⁹ At the 62nd meeting funding was approved for the phase-out of 12.9 ODP tonnes of HCFC in the refrigeration and air-conditioning sector as a stand-alone project outside its HPMP, representing 9.6 per cent of the baseline of 135.0 ODP tonnes

¹⁰ Decision 61/46(c) requires verification reports for a sample of 20 per cent of the LVC countries with approved HPMPs.

countries (PRAHA-III)", amounting to US \$990,000 in 2020. No funding window for such demonstration project is available.

HFC-related activities

- 16. HFC activities include an investment project amounting to US \$1.82 million in 2020 for one country (China); enabling activities amounting to US \$577,800 in 2020–2021 for five countries; HFC phase-down preparation projects for 50 countries amounting to US \$8.51 million in 2020–2022; and HFC phase-down management plan activities for seven countries amounting to US \$7.29 million in 2020–2022.
- 17. The HFC investment project in the extruded polystyrene foam sector in China was intended to be submitted to the 84th meeting pursuant to decision 78/3(g), but the Government decided to defer the submission to a future meeting as priority was being given to the submission of stage II of its HPMP. With respect to decision 82/77(a) requiring ratification of the Kigali Amendment as a pre-requisite of approval of further HFC projects for China, the Foreign Environmental Cooperation Center/Ministry of Ecology and Environment of China plans to speed up the ratification process and consider the submission once the Amendment is ratified or the ratification process is almost completed. This project is maintained in the business plan pending decision from the Executive Committee on whether to allow submission of this project to a later meeting.
- 18. With regard to enabling activities, one of the five countries (Haiti) has this activity submitted to the 84th meeting by UNDP; therefore, it has been removed from UNEP business plan. Activities for the remaining four countries were submitted with the required letter from their Government indicating their intent to make best efforts to ratify the Kigali Amendment as early as possible, if they have not done so, in line with decision 79/46(d)(i).
- 19. Regarding preparation activities, funding for the preparation of national implementation plans to meet initial reduction obligations for the phase-down of HFCs could be provided, at the earliest, five years prior to those obligations, after a country had ratified the Kigali Amendment and on the basis of guidelines to be approved in the future (decision 79/46(b)(iii)). Of the 50 countries included in the business plan, only nine countries have not ratified the Kigali Amendment. Of these, seven countries have submitted the required letter from their Government indicating their intent to make best efforts to ratify the Kigali Amendment.
- 20. HFC phase-down management plan activities are included in the business plan for Costa Rica, Cuba, Ghana, Grenada, Nigeria, Panama and Viet Nam. These counties have ratified the Kigali Amendment. However, there is no decision from the Executive Committee allowing countries to submit HFC phase-down management plan as only the preparatory funding is eligible according to decision 79/46(b)(iii).

Adjustments to the consolidated business plan of the Multilateral Fund for 2020–2022

21. During the IACM, adjustments to the business plans of bilateral and implementing agencies were agreed based on relevant decisions of the Executive Committee. However, in reviewing the revised business plans submitted after the IACM, it was noted that the adjustments listed in Table 5 below were not considered:

Table 5. Further adjustments to the consolidated business plan of the Multilateral Fund for 2020-2022 (US \$000)

Adjustment	2020-2022	After 2022
HPMP values to reflect the actual amounts approved under the	37	165
Agreements, including tranches of HPMPs that are due but not submitted		
to the 84 th meeting		

Adjustment	2020-2022	After 2022
HPMP values to reflect the revised Agreement submitted to the	3,839	15,147
84 th meeting		
Stage I of HPPMP and PRP	(3,290)	(2,140)
Stage II of HPPMP as per decision 69/28(e)	(7,468)	6,407
PRP for stage II of HPMPs pursuant to decision 71/42	(50)	0
Stage II of HPMP values to reflect the Agreement submitted to the	(312)	453
84 th meeting		
Stage II of HPMPs in LVC countries to the maximum allowable value to	(5)	(6)
meet a 67.5 or 100 per cent reduction of the HCFC baseline based on		
decision 74/50(c)(xii)		
Stage II of HPMPs in non-LVC countries with the refrigeration servicing	(0.4)	(390)
sector based on a maximum cost-effectiveness of US \$4.80/kg		
PRP for stage III of HPMPs pursuant to decision 71/42	(303)	225
Stage III of HPMPs pursuant to decision 82/45(c)(i)	(10,078)	(36,403)
HCFC technical assistance	(990)	0
Enabling activities already submitted to the 84 th meeting	(102)	0
PRP for HFC phase-down pursuant to decision 56/16(c) or countries that	(3,253)	0
have not ratified the Kigali Amendment		
HFC phase-down management plan pursuant to decision 79/46(b)(iii)	(7,290)	0
IS pursuant to decision 74/51(c) or values after 2021 have been removed	0	(677)
IS project related to the Democratic People's Republic of Korea pursuant	(333)	0
to decision 80/34(c)(iii)b.		

22. Table 6 presents the results of the proposed adjustments to the consolidated business plan for 2020-2022. The values exceed the indicative budget by US \$14.15 million (i.e. 2.7 per cent of the indicative budget).

Table 6. Adjusted resource allocation for the business plan for 2020–2022 (US \$000)*

Item	2020	2021	2022	Total (2020–2022)	Total after 2022
HCFC activities					
Approved HPMPs	143,426	98,388	79,459	321,273	163,026
HCFC production PRP – stage I	0	0	0	0	0
HCFC production – stage I	0	0	0	0	0
HCFC production – stage II	23,496	23,496	23,496	70,488	187,968
HPMP stage I	346	0	500	846	0
HPMP PRP – stage II	412	360	0	772	34
HPMP stage II	12,158	10,661	7,316	30,135	65,893
HPMP PRP – stage III	1,044	1,110	182	2,336	225
HPMP stage III	1,178	232	199	1,610	2,131
HPMP verification	589	589	589	1,766	0
HCFC technical assistance	0	0	0	0	0
HCFC activities subtotal	182,648	134,836	111,741	429,225	419,275
HFC activities	<u> </u>				
HFC – enabling activities	316	161	0	476	0
HFC – investment	1,819	0	0	1,819	0
HFC phase-down plan – PRP	4,425	830	0	5,256	0
HFC phase-down plan	0	0	0	0	0
HFC activities subtotal	6,560	991	0	7,551	0
Standard activities					

Item	2020	2021	2022	Total (2020–2022)	Total after 2022
CAP	11,428	11,771	12,124	35,324	0
Core unit	5,961	6,003	6,045	18,009	0
IS S	11,574	9,858	11,574	33,007	0
Secretariat, Executive Committee, and	6,362	7,009	7,159	20,530	
Monitoring and Evaluation costs minus	0,302	7,005	7,135	20,550	
Canadian counterpart					
Treasurer	500	500	500	1,500	
Standard activities subtotal	35,826	35,141	37,403	108,370	0
Grand total	225,035	170,968	149,143	545,145	419,275
Indicative budget	171,000	180,000**	180,000**	531,000	
Difference	54,035	-9,032	-30,857	14,145	
By agency					
Australia	283	0	0	283	283
France	693	0	0	693	771
Germany	3,562	2,955	1,503	8,020	1,906
Italy	265	0	0	265	0
Japan	211	0	0	211	0
UNDP	67,245	37,809	25,198	130,252	21,660
UNEP	34,736	24,708	23,578	83,022	17,411
UNIDO	57,508	50,899	45,524	153,930	107,074
World Bank	53,082	46,500	45,092	144,674	270,172
HPMP verification	589	589	589	1,766	
Secretariat, Executive Committee, and Monitoring and Evaluation costs minus Canadian counterpart	6,362	7,009	7,159	20,530	
Treasurer	500	500	500	1,500	

^{*} Including agency support costs where applicable.

Other policy issues

Activities in the 2019 business plan not approved at the 84th meeting

23. Activities included in the 2019 business plans of bilateral and implementing agencies but not submitted to the 84th meeting have already been included in the business plan for 2020–2022. Any project submitted to the 84th meeting but subsequently deferred would be included in the business plan for 2020-2022.

<u>HCFC</u> production – stage I and project preparation

24. Since no information has been received confirming the production in India of HCFC-22 for controlled uses prior to the cut-off date of 21 September 2007, the Secretariat has removed activities related to stage I of the HPPMP in India from the 2020–2022 business plan. The Secretariat would like to seek guidance from the Executive Committee on whether stage I of HPPMP and project preparation for India could be reinstated in the 2020–2022 business plan.

Stage III of HPMPs

25. In line with decision 82/45(c)(i), the Secretariat removed all activities related to stage III of HPMPs for those countries with approved stage II reduction target beyond 2020 from the 2020–2022 business plan.

^{**} Assumed the same level of the 2018–2020 replenishment of the Multilateral Fund.

However, taking into account that the business plan covers the period after 2020 and that a number of countries have approved stage II of HPMPs with reduction target between 2021 to 2025, the Secretariat would like to seek guidance from the Executive Committee on the timing for which activities related to stage III of HPMPs for countries with reduction target beyond 2020 could be included in the future business plan.

HFC phase-down management plan and project preparation

- 26. In line with decision 79/46(b)(iii), the Secretariat removed all HFC phase-out preparation activities for countries that have not ratified the Kigali Amendment. However, letters of intention have been provided for all of these countries with the exception of two countries. The Secretariat would like to seek guidance from the Executive Committee on whether HFC phase-down preparation activities could be reinstated in the 2020–2022 business plan taking into account the letters of intention submitted from the governments concerned indicating their intent to make best efforts to ratify the Amendment.
- 27. The Secretariat also removed the HFC phase-down management plans from the 2020–2022 business plan taking into account that there is no decision from the Executive Committee allowing countries to submit such activities in the business plan as only the preparatory funding is eligible according to decision 79/46(b)(iii). The Secretariat would like to seek guidance from the Executive Committee on the timing for which activities related to HFC phase-down management plans could be included in the future business plan.

Over-budgeting

28. Following adjustments, the values of activities in the business plan exceed the overall indicative budget by US \$14.15 million for the 2020–2022 triennium, assuming an annual budget of US \$180 million for 2021 and 2022, i.e., at the same level as the 2018–2020 replenishment. The amount in excess of the indicative budget is US \$54.04 million in 2020, of which US \$6.56 million is related to HFC activities. For 2020 and 2021, the business plan values are below the indicative budget by US \$9.03 million and US \$30.86 million, respectively. The business plan value of US \$225.04 million for 2020 includes US \$25,944,375 associated with funding tranches that were not submitted in 2019 and, therefore, are included in 2020.

Further adjustment post the 84th meeting

29. The 2020–2022 business plan could be further adjusted based on the funding levels of new stages of HPMPs that will be approved in principle at the 84th meeting. The Executive Committee may wish to adjust the 2020-2022 business plan based on the level of funds for the HPMPs approved in principle at the 84th meeting.

Policy issues in agency business plans

- 30. UNDP raised the following policy issues: funding the market transformation by using the incremental operating cost in a more flexible and inclusive manner; challenges of LVC countries in terms of the demonstration of alternative technologies and ability to scale up with limited funding available; assembly sub-sector in the servicing sector should be paid special attention and separated from other activities in the servicing sector with different treatment; cost-effectiveness based on CO₂-equivalent should be taken into account; and the communication and synergy with the broader climate actions on the national and international levels are necessary.
- 31. UNEP seeks guidance from the Executive Committee about the eligibility and guidelines for the preparation of HFC phase-down national implementation plans.

32. The policy issues raised by the implementing agencies are covered in the individual agencies' business plans.

RECOMMENDATION

- 33. The Executive Committee may wish:
 - (a) To note the consolidated business plan of the Multilateral Fund for 2020–2022 contained in document UNEP/OzL.Pro/ExCom/84/26:
 - (b) To decide whether:
 - (i) To adjust the business plan as proposed by the Secretariat in document UNEP/OzL.Pro/ExCom/84/26;
 - (ii) To further adjust the business plan as proposed at the 84th meeting during the discussions and/or during the presentation of the business plans by bilateral and implementing agencies:
 - a. By adding to the 2020 business plan HCFC phase-out management plans (HPMPs) and institutional strengthening activities from the 2019 business plan that had been deferred at the 84th meeting;
 - b. By taking into account the values approved in principle for new HPMPs at the 84th meeting;
 - (c) To consider:
 - (i) Whether to reinstate stage I of the HCFC production phase-out management plan and project preparation for India;
 - (ii) When activities related to stage III of HPMPs for countries with an approved stage II of HPMPs with reduction target beyond 2020 could be submitted;
 - (iii) Whether to reinstate HFC phase-down preparation activities for countries that have not ratified the Kigali Amendment but have submitted a letter of intention indicating their Government's intent to make best efforts to ratify the Kigali Amendment;
 - (iv) When activities related to HFC phase-down management plans could be submitted; and
 - (d) To endorse the consolidated business plan of the Multilateral Fund for 2020–2022, as adjusted by the Secretariat [and the Executive Committee] taking into consideration relevant decisions taken at the 84th meeting, while noting that endorsement did not denote approval of the projects identified therein or their funding or tonnage levels.

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