



**Programa de las
Naciones Unidas
para el Medio Ambiente**

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COMITÉ EJECUTIVO DEL FONDO MULTILATERAL
PARA LA APLICACIÓN DEL
PROTOCOLO DE MONTREAL
Octogésima tercera Reunión
Montreal, 27 – 31 de mayo de 2019

PROGRAMA DE TRABAJO DE LA ONUDI PARA 2019

OBSERVACIONES Y RECOMENDACIÓN DE LA SECRETARÍA DEL FONDO

1. La ONUDI solicita al Comité Ejecutivo aprobar un monto de 192 500 \$EUA, más gastos de apoyo al organismo por valor de 13 475 \$EUA, para su programa de trabajo para 2019, que figura en el Cuadro 1. La presentación se adjunta al presente documento.

Cuadro 1: Programa de trabajo de la ONUDI para 2019

| País | Actividad/proyecto | Cantidad solicitada (\$EUA) | Cantidad recomendada (\$EUA) |
|---|---|--|------------------------------|
| SECCIÓN A: ACTIVIDADES RECOMENDADAS PARA APROBACIÓN GENERAL | | | |
| A1: Preparación de proyectos para los planes de gestión de eliminación de los HCFC | | | |
| Botswana* | Preparación de un plan de gestión de eliminación de los HCFC (etapa II) | 15 000 | 15 000 |
| Myanmar* | Preparación de un plan de gestión de eliminación de los HCFC (etapa II) | 10 000 | 10 000 |
| Nicaragua* | Preparación de un plan de gestión de eliminación de los HCFC (etapa II) | 10 000 | 10 000 |
| Nigeria** | Preparación de un plan de gestión de eliminación de los HCFC (etapa III) | 72 500 | 72 500 |
| Suriname* | Preparación de un plan de gestión de eliminación de los HCFC (etapa II) | 10 000 | 10 000 |
| Togo* | Preparación de un plan de gestión de eliminación de los HCFC (etapa II) | 20 000 | 20 000 |
| Zambia* | Preparación de un plan de gestión de eliminación de los HCFC (etapa II) | 10 000 | 10 000 |
| | | Subtotal de A1 | 147 500 |
| | | Gastos de apoyo al organismo (7% para la preparación de proyectos) | 10 325 |
| | | Total de A1 | 157 825 |
| A2: Preparación del proyecto para el control de las emisiones del subproducto HFC-23 | | | |
| México | Preparación del proyecto para el control de las emisiones del subproducto HFC-23 en el sector de producción de los HCFC | 45 000 | 45 000 |
| | | Subtotal de A2 | 45 000 |
| | | Gastos de apoyo al organismo (7% para la preparación del proyecto) | 3 150 |
| | | Total de A2 | 48 150 |
| | | Total general (A1, A2) | 205 975 |

* PNUMA, como organismo de ejecución principal.

** PNUD, como organismo de ejecución principal.

SECCIÓN A: ACTIVIDADES RECOMENDADAS PARA APROBACIÓN GENERAL

A1: Preparación de proyectos para los planes de gestión de eliminación de los HCFC

Descripción de proyectos

2. La ONUDI, en calidad de organismo de ejecución cooperante, presentó las solicitudes de preparación de la etapa II de los planes de gestión de eliminación de los HCFC para seis países, así como una solicitud de preparación de la etapa III del plan de gestión de eliminación de los HCFC para Nigeria, como se indica en la sección A1 del Cuadro 1.

3. El PNUMA, en calidad de organismo de ejecución principal, presentó una descripción de las actividades, con el fin de apoyar las solicitudes de preparación de proyectos para los seis países enumerados en la sección A1 del Cuadro 1. Las presentaciones para cada país incluyeron: la justificación de la

financiación solicitada para la preparación de los proyectos; un informe sobre la marcha de las actividades sobre la ejecución de la etapa I de sus planes de gestión de eliminación de los HCFC respectivos; y la lista de las actividades potenciales y los presupuestos correspondientes. El PNUMA solicita, en su programa de trabajo para 2019¹, una cuantía de 145 000 \$EUA, más gastos de apoyo al organismo.

4. El PNUD, en calidad de organismo de ejecución principal, presentó una descripción de las actividades de preparación de proyectos para Nigeria, junto con información actualizada sobre la ejecución de la etapa II de su plan de gestión de eliminación de los HCFC. El PNUD solicita, en su programa de trabajo para 2019², una cuantía de 22 500 \$EUA, más gastos de apoyo al organismo.

Observaciones de la Secretaría

5. Al examinar las siete solicitudes, la Secretaría tuvo en cuenta las directrices sobre financiación para la preparación de la etapa II de los planes de gestión de eliminación de los HCFC para los países que operan al amparo del Artículo 5, de conformidad con la decisión 71/42; las etapas I y II (en el caso de Nigeria) de los planes de gestión de eliminación de los HCFC, conforme con lo aprobado; el estado de ejecución de los tramos, al momento de preparar el presente documento, y la decisión 82/45(c)(ii). La Secretaría tomó nota de que la financiación solicitada para cada país era conforme con la decisión 71/42.

6. Por lo que respecta a la solicitud para Nigeria, la Secretaría tomó nota de que, en su 82^a reunión, el Comité Ejecutivo había acordado incluir en el Plan administrativo refundido para 2019-2021 información sobre la preparación de proyectos de la etapa III de los planes de gestión de eliminación de los HCFC, para los países cuya etapa II del plan de gestión de eliminación de los HCFC se extendiera después de 2020, en el entendimiento de que no se presentasen solicitudes de preparación del proyecto más de dos años antes de la fecha de terminación de la etapa II del plan de gestión de eliminación de los HCFC³. A pesar de que la solicitud para Nigeria se había presentado más de dos años antes de la fecha de terminación de la etapa II⁴, se tomó nota de que dicha etapa se había aprobado en el entendimiento de que su aprobación no impedía a Nigeria que solicitara, no antes de 2020, la etapa III del plan de gestión de eliminación de los HCFC⁵. En consecuencia, se presentó a la 83^a reunión la solicitud de preparación del proyecto.

Recomendación de la Secretaría

7. La Secretaría recomienda la aprobación general de las solicitudes de la ONUDI para la preparación de proyectos de la etapa II de los planes de gestión de eliminación de los HCFC para Botswana, Myanmar, Nicaragua, Suriname, el Togo y Zambia, y para la preparación del proyecto de la etapa III del plan de gestión de eliminación de los HCFC para Nigeria, al nivel de financiación que se indica en la sección A1 del Cuadro 1.

A2: Preparación del proyecto para el control de las emisiones del subproducto HFC-23

Descripción del proyecto

8. La ONUDI presentó una solicitud de financiación para la preparación de un proyecto de control de las emisiones del subproducto HFC-23 en el sector de producción de HCFC en México, como se indica en la sección A2 del Cuadro 1. En la sección 2 de la presentación de la ONUDI, que se adjunta al presente documento, figuran los detalles de la solicitud de preparación del proyecto.

¹ UNEP/OzL.Pro/ExCom/83/18

² UNEP/OzL.Pro/ExCom/83/17

³ Decisión 82/45(c)(ii)

⁴ 31 de diciembre de 2024

⁵ Decisión 81/40(c)

Observaciones de la Secretaría

9. La Secretaría tomó nota de que la financiación solicitada (50 000 \$EUA) era superior a la aprobada en el pasado para solicitudes de preparación de proyectos similares (esto es, 30 000 \$EUA, por empresa), y pidió a la ONUDI que proporcionara información complementaria. La ONUDI aclaró que la preparación del presente proyecto debía contar con expertos avezados con conocimientos técnicos relativos a las emisiones, la vigilancia, el control y la destrucción de HFC-23, los cuales no eran necesarios para la preparación de proyectos de inversión en HCFC en el sector del consumo.

10. Tras el debate, se convino en un ajuste de la financiación en 45 000 \$EUA.

Recomendación de la Secretaría

11. La Secretaría recomienda la aprobación general de la solicitud de preparación del proyecto para el control de las emisiones del subproducto HFC-23 en el sector de producción de HCFC en México, como se indica en la sección A2 del Cuadro 1.



UNITED NATIONS INDUSTRIAL DEVELOPMENT ORGANIZATION

83rd Executive Committee of the
Multilateral Fund for the Implementation of the Montreal Protocol

UNIDO Work Programme

83rd Meeting of the Executive Committee

Introduction

The UNIDO Work Programme for the consideration of the 83rd Meeting of the Executive Committee (ExCom) of the Multilateral Fund (MLF) has been prepared following the Government requests as well as based on ongoing and planned activities. The Work Programme will support the implementation of UNIDO's three year Rolling Business Plan 2019-2021.

The 83rd UNIDO WP is addressing preparatory assistance requests and requests for extension of the duration of the Enabling activities for HFC phase-down.

Preparatory Assistance is submitted for the 83rd Executive Committee Meeting consideration for Mexico for the country compliance with paragraphs 6 and 7 of Article 2J of the Montreal Protocol. Furthermore, preparatory assistance is submitted for Botswana, Myanmar, Nicaragua, Suriname, Togo and Zambia to enable the countries to overview and update data necessary for the launch and implementation of HPMP Stage II. Also, preparatory assistance is submitted for the 83rd Executive Committee Meeting consideration for Nigeria to enable the country to overview and update data necessary for the launch and implementation of HPMP Stage III.

As per decision 81/31(a), Enabling activities for HFC phase-down were approved with a duration of 18 months, however if needed, that period can be extended for additional 12 months, when an official request is submitted. UNIDO has received official letters from Armenia, Bosnia and Herzegovina, Burkina Faso, Cameroon, Chile, the Congo, the Gambia, Macedonia, Mexico, Serbia, Somalia, Sudan, Tunisia, Turkey and Uruguay, requesting the duration of the implementation period to be extended for additional 12 months. The reasons for the extensions are provided in Section 3.

The UNIDO Work Programme Amendment for the consideration of the 83rd ExCom Meeting comprises the following sections:

- **Section 1:** Consolidated list of activities foreseen for the above requests by project types and country;
- **Section 2:** Project concepts indicating details and funding requirements;
- **Section 3:** Requests for extension of the duration of the Enabling activities for HFC phase down.

Funding is requested as follows:

- Preparatory Assistance for compliance with paragraphs 6 and 7 of Article 2J of the Montreal Protocol for Mexico amounting to US\$ 48,150 (including US\$ 3,150 representing 7.0% A.S.C.);
- Preparatory assistance funding for HPMP Stage II in Botswana, Myanmar, Nicaragua, Suriname, Togo and Zambia and for HPMP Stage III for Nigeria⁶ amounting to US\$ 157,825 (including US\$ 10,325 representing 7.0 % A.S.C.);

Total: US\$ 205,975 (including US\$ 13,475 agency support cost).

⁶ The Project Concepts for Botswana, Myanmar, Nicaragua, Suriname, Togo and Zambia are included in the Lead Agency (UN Environment) Work Programme. The Project Concept for Nigeria is included in the Lead Agency (UNDP) Work Programme.

SECTION 1

| Country | MLF HCFC Status | Type | Substance | Sector and Sub-Sector | Title of Project | Total amount USD | A.S.C. | Total (incl ASC) USD | A.S.C. % | P.D. | Remarks |
|---|-----------------------|------|-----------|--------------------------|--|------------------------|--------------|-------------------------------|-------------|------|---|
| Preparatory Assistance for compliance with paragraphs 6 and 7 of Article 2J of the Montreal Protocol | | | | | | | | | | | |
| Mexico | Non-LVC | PRP | HFC-23 | Production | Project preparation for the control of HFC-23 by-product emissions in the HCFC production sector | 45,000 | 3,150 | 48,150 | 7% | 12 | |
| | | | | | SUBTOTAL | 45,000 | 3,150 | 48,150 | | | |
| Preparatory Assistance for HPMP | | | | | | | | | | | |
| Botswana | Non-LVC | PRP | HCFC-22 | REF-Servicing | Preparation of Stage II HPMP | 15,000 | 1,050 | 16,050 | 7% | 24 | In cooperation with UN Environment. Concept is submitted by UN Environment. |
| Myanmar | LVC | PRP | HCFC-22 | REF-Servicing | Preparation of Stage II HPMP | 10,000 | 700 | 10,700 | 7% | 24 | In cooperation with UN Environment. Concept is submitted by UN Environment. |
| Nicaragua | LVC | PRP | HCFC-22 | REF-Servicing | Preparation of Stage II HPMP | 10,000 | 700 | 10,700 | 7% | 24 | In cooperation with UN Environment. Concept is submitted by UN Environment. |
| Nigeria | LVC | PRP | HCFC-22 | REF-Servicing | Preparation of Stage III HPMP | 72,500 | 5,075 | 77,575 | 7% | 24 | In cooperation with UNDP. Concept is submitted by UNDP. |
| Suriname | LVC | PRP | HCFC-22 | REF-Servicing | Preparation of Stage II HPMP | 10,000 | 700 | 10,700 | 7% | 24 | In cooperation with UN Environment. Concept is submitted by UN Environment. |
| Togo | LVC | PRP | HCFC-22 | REF-Servicing | Preparation of Stage II HPMP | 20,000 | 1,400 | 21,400 | 7% | 24 | In cooperation with UN Environment. |

| Country | MLF HCFC Status | Type | Substance | Sector and Sub-Sector | Title of Project | Total amount USD | A.S.C. | Total (incl ASC) USD | A.S.C. % | P.D. | Remarks |
|--------------------|-----------------------|------|-----------|--------------------------|------------------------------|------------------------|---------------|-------------------------------|-------------|------|---|
| | | | | | | | | | | | Concept is submitted by UN Environment. |
| Zambia | LVC | PRP | HCFC-22 | REF-Servicing | Preparation of Stage II HPMP | 10,000 | 700 | 10,700 | 7% | 24 | In cooperation with UN Environment. Concept is submitted by UN Environment. |
| SUBTOTAL | | | | | | 147,500 | 10,325 | 157,825 | | | |
| GRAND TOTAL | | | | | | 192,500 | 13,475 | 205,975 | | | |

SECTION 2

Project Concept

Country: Mexico

Title: Project preparation for the control of HFC-23 by-product emissions in the HCFC production sector

Project Duration: 12 months

Project Budget: US\$ 45,000 (excl. 7% Agency Support Costs)

Implementing Agency: UNIDO

Coordinating Agency: National Ozone Unit, Environmental and Natural Resources Secretariat (SEMARNAT)

Project Summary

At the 28th Meeting of the Parties to the Montreal Protocol on Substances that Deplete the Ozone Layer, held in Kigali in October 2016, the Parties agreed to phase down HFCs. The Kigali Amendment entered into force on 1 January 2019, since more than twenty instruments of ratification, acceptance or approval of the Amendment have been deposited before that date by States or regional economic integration organizations that are Parties to the Montreal Protocol on Substances that Deplete the Ozone Layer. The Government of Mexico ratified the Kigali Amendment on 25 September 2018 through Approval.

The Government of Mexico is currently implementing its Stage II HCFC Phase-out Management Plan (HPMP) in the consumption sector that help the Government of Mexico to reach compliance with her targets agreed with the Multilateral Fund, which are stricter than the MP phase-out schedule. Mexico agreed to 35% reduction by 2018, 50% reduction by 2020 and 67.5% reduction in 2022. Stage II HPMP focuses on the complete phase-out of HCFC-141b consumption in all sectors as well as on the further reduction of HCFC-22 consumption in the service and aerosol/solvent sectors.

Mexico is one of the few countries with an established ODS production facility. The only producer of HCFC-22 in Mexico is CYDSA, Quimobasicos. The company has two production lines, which in the past produced CFC-11 and CFC-12 as well as HCFC-22.

As per the approved HPMPs for Mexico, “*production of HCFCs will be strictly monitored and regulated through temporary measures and the import/export quota system. The yearly monitoring will be carried out through the licensing and quota system and verification site visits to be undertaken by independent international experts*”, to verify that the annual HCFC production levels were in line with the Montreal Protocol control targets.

However, except for annual monitoring, Mexico did not receive financial support from the Multilateral Fund for the reduction of HCFC-22 in the production sector.

The Office of the National Ozone Unit (NOU) in Mexico is under the direct supervision of the General Direction of Air Quality Management and by the Vice Minister for Environmental Protection of SEMARNAT (Ministry of Environment); this enables the central authority for environment to direct the policies, strategies and priorities for the ODSs phase-out as an integrated component of the environmental

policies of México. The NOU is the focal point for Montreal Protocol activities and mainly coordinates the whole Montreal Protocol programme in the country and prepares the basis for legislative and regulatory measures to be adopted by the responsible government authorities with an emphasis on the HCFC phase-out and HFC phase-down targets.

The NOU is also responsible for monitoring the ODS import and consumption data and has for this purpose developed the Information and Monitoring System (SISSAO).

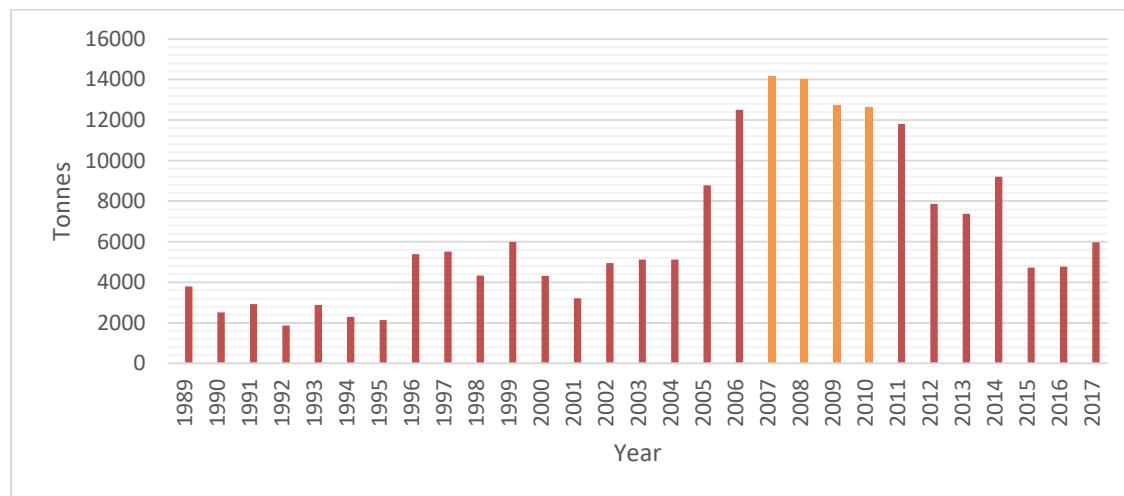
Past and Current management practices for HFC-23 by-product control in Mexico.

The Company Quimobásicos S.A de C.V. was founded in 1961 in Monterrey city as part of the CYDSA Group in a strategic alliance with Honeywell, with the main objective of manufacturing and commercializing fluorocarbon refrigerant gases under the Genetron® brand for national consumption and exports to Center, South America and the Caribbean.

During its first 28 years produced essentially CFC, while in the period from 1989 to 2005 the company produced CFC (R-12 and R-11) and HCFC R-22 alternately.

Difluorochloromethane (HCFC-22) is produced by reacting chloroform (CHCl₃) and anhydrous hydrogen fluoride (HF); such reaction produces predominantly HCFC-22 with small amounts of HFC-23, an undesirable by-product. HFC-23 generation ratio varies between 1.78% and 3.44 on a weight basis. Regarding the specific case of Quimobásicos, the average generation ratio reported has been 2.44%, which means 24.4 kg of HFC-23 are produced by every tonne of HCFC-22. Figure I illustrates the historical production of HCFC-22 and the respective emissions of HFC-23 in CO₂e (Figure II).

Figure I Historical HCFC-22 production in Mexico (tonnes)

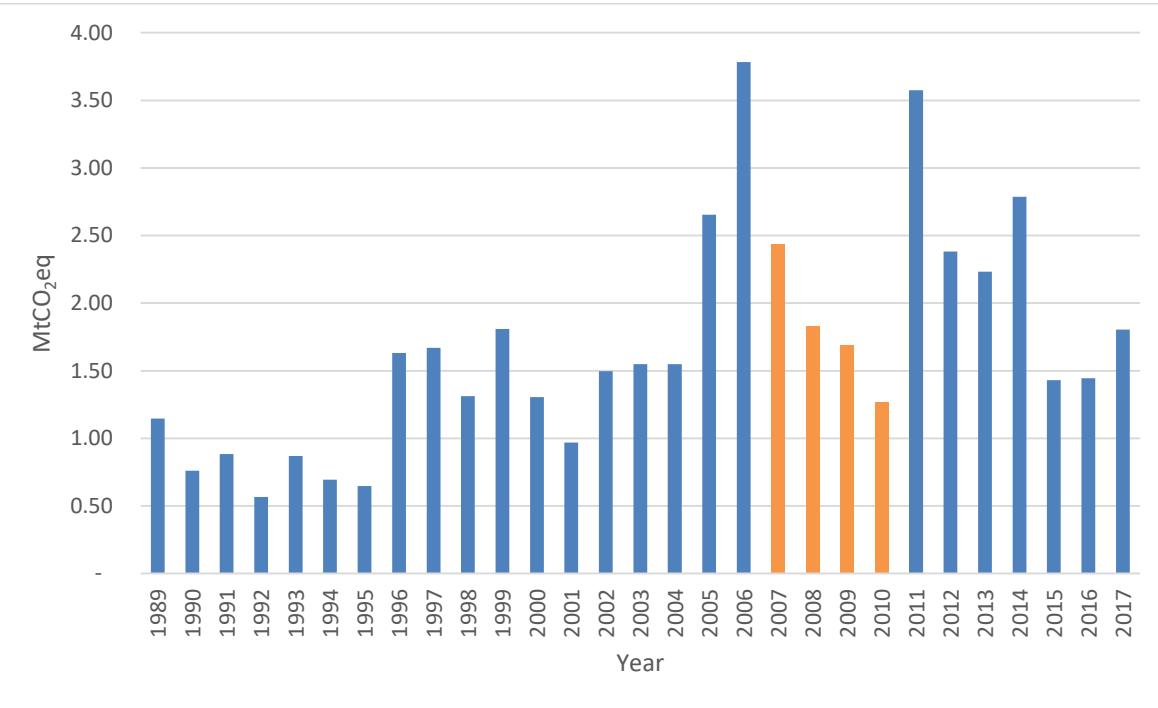


2007-2010 CORRESPOND TO THE CDM PERIOD

SOURCE: SISSAO MEXICO, 2018.

As it is shown, the highest levels of production took place in the period from 2005 to 2014, with 2007 and 2008 as the top production years with 14 thousand tons per year, which fell within the CDM project, where the emissions of line 1 were controlled with the plasma equipment.

Figure II Historical HFC-23 emissions in Mexico



2007-2010 REFER TO THE CDM PERIOD
ESTIMATE BASED ON HCFC-22 PRODUCTION, 2018

Project Preparation in order to comply with the Kigali Amendment

As per Paragraph 6 of Article 2 J of the amended Montreal Protocol (after Kigali), “*Each Party manufacturing Annex C, Group I, or Annex F substances shall ensure that for the twelve-month period commencing on 1 January 2020, and in each twelve-month period thereafter, its emissions of Annex F, Group II, substances generated in each production facility that manufactures Annex C, Group I, or Annex F substances are destroyed to the extent practicable using technology approved by the Parties in the same twelve-month period.*“

In line with Paragraph 7 of Article 2 J of the amended Montreal Protocol (after Kigali): “*Each Party shall ensure that any destruction of Annex F, Group II, substances generated by facilities that produce Annex C, Group I, or Annex F substances shall occur only by technologies approved by the Parties.*”

In order to comply with Paragraphs 6 and 7 of Article 2J of the Montreal Protocol, the Government of Mexico requested UNIDO to submit a project preparation request to the 83rd Meeting of the Executive Committee, which would allow the preparation of a project for submission to the 84th Meeting of the Executive Committee to control the HFC-23 by-product emissions from 1 January 2020.

| Item | Cost US\$ |
|--|----------------------|
| Sub-Contract for the data collection, verification and preparation of HFC-23 control options | 25,000 |
| International consultant for project preparation | 13,000 |
| Travel Costs | 7,000 |
| TOTAL | 45,000 |

SECTION 3

| Country | Project Title | Extension Duration (months) | Reason for extending the duration | Official request for extension received? |
|------------------------|---|-----------------------------|---|--|
| Armenia | Enabling activities for HFC phase-down (ARM/SEV/80/TAS/01+) | 12 | <p>Armenia ratified the Kigali Amendment on 27 March 2019, and the main reason for requesting extension is to have sufficient time to implement the follow up activities related to the amendments to the Law and by-laws to cover HFCs, and the various awareness raising activities. A delay also occurred in contracting the company for the upgrade of the E-licensing system to include HFCs. Special focus is paid to the energy-efficiency issues and once the KA ratification enters in to force (when the instrument of ratification is duly deposited), a series of workshops related to the energy efficiency in HVACR sector will be organized for end-users, importers, and RAC technicians. For the next 12 months, Armenia will focus on the following activities:</p> <ul style="list-style-type: none"> • Legal framework amendments; • Upgrade of the e-licensing system; • Energy-efficiency activities related to the HVACR sector; and • Publication of relevant materials. | Yes |
| Bosnia and Herzegovina | Enabling activities for HFC phase-down (BHE/SEV/80/TAS/01+) | 12 | The country requested extension of the project due to the required follow up for the ratification with the relevant stakeholders. | Yes |
| Burkina Faso | Enabling activities for HFC phase-down (BKF/SEV/80/TAS/01+) | 12 | <p>The extension is requested in order to give sufficient time to ensure proper and adequate execution of all activities, without impacting the implementation of the HPMP. Progress made so far and remaining activities are as follows:</p> <ul style="list-style-type: none"> • Review of codes and standards: Burkina Faso utilizes a ten digit HS code with the four last digits all showing zeros for the HFCs. The proposal is to use digits 7 and 8 to differentiate the HFCs similar to the CN code in Europe. A proposal to make this change a regional change through the CEDEAO is premature at present. • Burkina Faso passed a law in 2018 adding HFCs to the controlled substances. Adding to the quota system is in progress. • The National mechanism used for ODS reporting is at the moment manual and a new electronic system will be introduced in 2020. Customs will be added to the system to facilitate reporting. • Assessment of the refrigeration and air-conditioning (RAC) servicing sector (formal and informal sector) is in progress. • Identification of appropriate policies to facilitate the phase-down of HFCs and the introduction of low-GWP non-ODS alternative technologies: Discussions in progress with the ozone office regarding the use of low-GWP alternatives. | Yes |
| Cameroon | Enabling activities for HFC phase-down (CMR/SEV/80/TAS/01+) | 12 | The ratification process of the Kigali amendment has been initiated, however it is a long process that needs to be supported in the framework of the Enabling Activities and it won't be completed by the initially planned completion date of | Yes |

| Country | Project Title | Extension Duration (months) | Reason for extending the duration | Official request for extension received? |
|----------------|---|------------------------------------|---|---|
| | | | the project. In addition, some activities, such as the updating of the customs code system, have had a late start as the consultant could be on board only recently. | |
| Chile | Enabling activities for HFC phase-down (CHI/SEV/80/TAS/02+) | 12 | The extension is requested to advance the actions planned under UNIDO's component, considering that some activities needed the necessary coordination for their development at the national level and to align with the general timetable agreed with the NOU and the implementing agencies involved in the project. | Yes |
| Congo | Enabling activities for HFC phase-down (PRC/SEV/80/TAS/01+) | 12 | Extension is required due to delays in selection process and recruiting of national consultants. Subsequent delays in preparation of national legislation and support of relevant legislative activities and respective workshops, information dissemination and awareness could not be accomplished in originally projected time. | Yes |
| Gambia | Enabling activities for HFC phase-down (GAM/SEV/80/TAS/01+) | 12 | Activities under the project are progressing very well, however, an extension is requested to ensure complete implementation of all activities. The country is preparing for the ratification of the Kigali Amendment, but the work plan had to be updated because additional coordination and provision of background documents were necessary to engage all relevant ministries and national assembly members that are requested to vote on the ratification. | Yes |
| Macedonia | Enabling activities for HFC phase-down (MDN/SEV/80/TAS/01+) | 12 | <p>The extension is required in order to finalize the remaining activities, such as:</p> <ul style="list-style-type: none"> • Review of the national mechanisms used for ODS reporting to include HFCs consumption, especially considering the servicing sector (the informal sector in particular); • In coordination with the Customs Administration finalization of the customs codes related to the Annex F substances and their blends harmonization; • Enhancement of the import and export license system to include HFCs and other alternatives; • Improving a national database to include HFCs and other ODS alternatives; • Reviewing operating codes and standards for the correct and efficient use of HFCs and ODS alternatives in the entire value chain • Adoption of the Law on Ratification of the Kigali Amendment by the Parliament. <p>So far, the initial activities have been undertaken, the analysis of the legal framework is completed, consultations with legal experts on the legislation harmonization, review of the customs codes for HFCs and their blends and preparation of harmonized tariff codes.</p> | Yes |
| Mexico | Enabling activities for HFC phase-down (MEX/SEV/80/TAS/02+) | 12 | Although the enabling activities progressed very well, the extension is requested to finalize the work planned for the period May - July and the proper development of the awareness and dissemination activities at the national level (workshop) included in the project. Additional time was necessary during the | Yes |

| Country | Project Title | Extension Duration (months) | Reason for extending the duration | Official request for extension received? |
|---------|--|-----------------------------|--|--|
| | | | project implementation to ensure the clear understanding and approval from the new governmental authorities in Mexico. | |
| Serbia | Enabling activities for HFC phase-down (YUG/SEV/80/TAS/01+) | 12 | The country is preparing for the ratification of the Kigali Amendment, following also EU directives, which requires more time to ensure the system is developed in line with the EU requirements. | Yes |
| Somalia | Enabling activities for HFC phase-down (SOM/SEV/80/TAS/01+) | 12 | Extension is requested due to the slower pace of activities implementation in the country. The security situation imposes some technical difficulties related to the organization of the activities, which are ongoing, but will need additional time to ensure their proper implementation. | Yes |
| Sudan | Enabling activities for HFC phase-down (SUD/SEV/80/TAS/01+) | 12 | Extension is requested due to the delayed organization of respective co-implementing joint work (incl. workshops). Also, there were delays in preparation of the national strategies to implement established action plans in the prioritized areas for the country. | Yes |
| Tunisia | Enabling activities for HFC phase-down (TUN/SEV/80/TAS/02+ and TUN/SEV/80/TAS/01+) | 12 | Funding for the Enabling Activities Project for Tunisia has been confirmed by MLF as well as bilateral partner. Initial coordination and grant agreement procedures requested more time. Since then, the activities under the project are advancing as planned and will be finalized with an extension of max 12 months. | Yes |
| Turkey | Enabling activities for HFC phase-down (TUR/SEV/80/TAS/01+) | 12 | The extension is required due to the fact that HFCs are present in all the sectors and targeted workshops are taking place in different regions. The workshops are planned for the whole duration of 2019. The activities are coordinated with the EU f-gas project on field to ensure complementarity and avoid overlaps. | Yes |
| Uruguay | Enabling activities for HFC phase-down (URU/SEV/80/TAS/01+) | 12 | Extension is requested to conclude two minor planned actions in the UNIDO's component between June and August. Some activities demanded coordination for their development at the national level and aligned with the general timetable agreed with the NOU and UNDP (as lead agency of the project). | Yes |