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United Nations Development Programme

PROJECT DOCUMENT

LEBANON

Project Title: Extension of Institutional Strengthening Project Phase-XIII (MLF reference LEB/SEV/92/INS/100)

Project Number: 01001613

Implementing Partner: Ministry of Environment (Support to NIM)

Start Date: March 2024 **End Date: July 2027** **PAC Meeting date:** 16 August 2023

Brief Description
The National Ozone Unit (NOU) project is the project responsible for coordinating, monitoring and implementing of all Montreal Protocol activities including ODS Phase-out and HFC phase down in Lebanon. The objective of the national ozone project is to assist the Ministry of Environment to effectively and efficiently phase-out ODS and phase down HFC, adopt policies and regulations, monitor procedures, and oversee the projects and programmes specified under the context of the country programme in order for the government of Lebanon to meet the commitments under the Montreal Protocol obligations. It oversees the implementation of the HCFC phase-out management plan (HPMP Stage- I and II), the project also undertakes monitoring of a limited number of activities relating to HFC phase-down projects within the existing resources (Cool-up Project). The NOU project is supervised by the UNDP Country Office. The implementation of project's activities is managed in close cooperation with the National Focal Point appointed by the Ministry. The national ozone unit project regularly seeks the advice of representatives from governmental authorities, NGOs, the private sector and academia. The Institutional Strengthening project is implemented in consecutive phases. The current project document reflects phase XIII, and will be extended subsequently to the upcoming phases.

Contributing Outcome (UNSDCF, CPD, RPD): CPD Outcome 4.2: National and Environmental Management Strengthened, Indicator 4.2.3 Volume (tons) of Ozone Depleting Substances released. UNSF Outcome involving UNDP: Outcome 3.3. Lebanon has adopted measures to improve environmental governance. IRRF Output 2.4.1 - promoting nature-based solutions for a sustainable planet including the use of sustainable production technologies. Indicative Output(s) with gender marker: GEN1 IRRF Output 2.4.1 – promoting nature-based solutions for a sustainable planet including the use of sustainable production technologies.	**Total resources required:** **USD 410,926** **Total resources allocated:** **UNDP TRAC:** **Donor (MLF - MP); Award:** **USD 410,926** **Government:** **In-Kind:** **Unfunded:**

Agreed by (signatures):

UNDP	Implementing Partner
DocuSigned by: 4C17B57AEAA5467... Mr. Mohammed Salih Resident Representative a.i.	H.E. Mr. Nasser Yassin Minister of Environment
Date: 17-Jan-2024	Date: 18/01/2024

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I. DEVELOPMENT CHALLENGE

Country Background

Lebanon is a Mediterranean country with a land area of about 10,45 sq. km and a population of about 4.2 million. About 80% of the population is urban. The key economic sectors are services (about 60% of the gross domestic product), industry (about 26% of the gross domestic product) and agriculture (about 14% of the gross domestic product).

The Vienna Convention (1985) established a foundational structure for international cooperation and research for global efforts to address ozone depletion. Building on the Vienna Convention, the Montreal Protocol was established in 1987 to phase out the production and use of responsible substances for ozone depletion such as CFC. The protocol has been revised several times to include more substances and set more stringent targets. Lebanon first rectified the Montreal Protocol in 1993. The dates of ratification by Lebanon of the Montreal Protocol and its amendments are as follows:

Agreement	Ratification	Entry into Force
Vienna Convention	March 30, 1993	June 28, 1993
Montreal Protocol	March 31, 1993	June 28, 1993
London Amendment	March 31, 1993	June 29, 1993
Copenhagen Amendment	July 31, 2000	July 31, 2000
Montreal Amendment	July 31, 2000	July 31, 2000
Beijing Amendment	November 21, 2008	November 21, 2008
Kigali Amendment	April 01, 2019	August 01, 2019

Lebanon's Country Programme for the Phase-Out of Ozone Depleting Substances (ODS) reflecting the national strategy and action plan for controlling the consumption and importation of ozone-depleting substances was prepared with the assistance of the National Working Committee on Ozone Depleting Substances established in 1994 at the Ministry of Environment was approved at the 17th Meeting of the Executive Committee of the Multilateral Fund in 1995. The Country Programme prioritized ODS phase-out activities in the main ODS consuming sectors, through technology transfer investments, technical assistance, capacity building, and training.

Lebanon's Updated Country Programme was prepared in 2003. The Country Programme Update reassessed the ODS consuming sectors in Lebanon including, for the first time, in the southern part of Lebanon which was adversely affected by war in the early nineties, reviewed the progress made in ODS phase-out and identified further activities, policies and strategic planning and actions required to complete phase-out of remaining ODS in the country, thus renewing Lebanon's commitment for complying with the Montreal Protocol control targets and obligations.

All remaining CFC phase-out actions were addressed through the National Phase-out Management Plan for Annex-A, Group-I Substances (CFCs) in Lebanon (NPMP), which was approved at the 44th ExCom Meeting in November 2004 as a performance-based agreement with annual consumption and phase-out targets and complete phase-out of all remaining consumption of Annex-A, Group-I Substances (CFCs) in Lebanon before 01 January 2009. The CFC consumption reduction schedule proposed in the NPMP complies with the control schedule of the Montreal Protocol.

The UNDP's institutional Strengthening project has played a pivotal role in enhancing Lebanon's response to the Montreal Protocol strategic initiatives

- Development of policies: the project has actively contributed to the formulation and refinement of policies aligned with the goals of the Montreal Protocol. This includes comprehensive strategies for phasing out of ozone-depleting substances and promoting ozone friendly alternatives.
- Building the capacities**:** institutional strengthening extends to building the capabilities of key stakeholders. Training programs and workshops have empowered governmental bodies, industries, and the public to effectively implement and monitor Montreal Protocol obligations.
- Technology Transition: the project has facilitated the transition to environmentally friendly technologies, supporting industries in adopting alternatives that are compliant with Montreal Protocol requirements.

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- Monitoring the compliance with the Montreal Protocol guidelines: monitoring mechanisms have been established to ensure adherence to Montreal Protocol commitments. The project has implemented robust systems for tracking the consumption and importation of ODSs (controlled substances), thereby bolstering our compliance targets.
- International Collaboration: recognizing the global nature of environmental challenges, the Institutional Strengthening project has actively promoted collaboration with international partners. This has facilitated knowledge exchange, access to best practices, and financial support for our initiatives.

The following table describes the fund management of the approved phases from 1998 to 2023:

Phase	Duration	Multilateral Fund funding (approved)	Multilateral Fund funding (disbursed)
Phase (I)	3 Years (1998-2000)	$ 179,000.00	$ 179,000.00
Phase (II)	2 Years (2001-2002)	$ 119,300.00	$ 119,300.00
Phase (III)	2 Years (2003-2004)	$ 155,090.00	$ 155,090.00
Phase (IV)	2 Years (2005-2007)	$ 155,090.00	$ 155,090.00
Phase (V)	2 Years (2007-2009)	$ 155,090.00	$ 155,090.00
Phase (VI)	2 Years (2009-2011)	$ 155,090.00	$ 155,090.00
Phase (VII)	2 Years (2012-2014)	$ 155,090.00	$ 155,090.00
Phase (VIII)	2 Years (2015-2017)	$ 155,090.00	$ 155,090.00
Phase (IX)	2 Years (2018-2020)	$ 155,090.00	$ 155,090.00
Phase (X)	2 Years (2020-2021)	$ 198,515.00	$ 155,090.00
Phase (XI)	2 Years (2021-2022)	$ 198,515.00	$ 155,090.00
Phase (XII)	2 Years (2022-2023)	$ 198,515.00	$ 123,000.00
Phase (XIII)	3 Years (2024-2027)	$ 410,926.00	0

Accelerated HCFC Phase-out

HCFCs, which have Ozone Depleting Potential (ODP) up to 15% of that of CFCs, are also classified as controlled substances under Annex-C, Group-I of the Montreal Protocol. HCFCs therefore, have use restrictions and would eventually have to be phased-out. Initially for developing countries, the scheduled phase-out date for HCFCs was 01 January 2040 with an interim control measure of freezing HCFC production and consumption at 2015 levels, from 01 January 2016.

During the implementation of the CFC phase-out under the Montreal Protocol, HCFCs were approved as interim substitutes for CFCs in many of the projects and activities supported by the Multilateral Fund. HCFCs were also used historically as refrigerants in the refrigeration and air conditioning industry. Due to sustained economic growth experienced by developing countries during the 1980s and thereafter, the demand for consumer and industrial products using HCFCs increased rapidly. Further, due to the high global warming potential (GWP) of HCFCs, their increased use was also a threat to the global climate system.

Recognizing the environmental benefits of reducing HCFC production and consumption earlier than the previous control schedule, the XIXth Meeting of the Parties to the Montreal Protocol in September 2007, through its Decision XIX/6, accelerated the phase-out schedule for HCFCs by 10 years. The first control is the freeze on production and consumption of HCFCs from 01 January 2013, at the Baseline Level (average of 2009 and 2010 consumption levels). The second control step is the reduction of 10% from the Baseline Levels on January 1, 2015. Subsequent control steps are 35% reduction by 2020, 67.5% by 2025, 97.5% by 2030 and complete phase out from January 1, 2040. The decision confirmed stable and sufficient funding for Article-5 countries to meet these new obligations.

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HCFC Phase-out Management Plans (HPMPs)

Decision XXI/6 of the Meeting of the Parties to the Montreal Protocol, referred above, also requested the Executive Committee of the Multilateral Fund to assist Article-5 Parties for preparing and implementing HCFC Phase-out Management Plans (HPMP), to facilitate their compliance with the accelerated control targets.

The 54th Meeting of the Executive Committee in April 2008, through Decision 54/39, adopted guidelines for HPMPs, which provide an indicative outline and content of the HPMPs, with the following key elements:

a. Adoption of a staged approach for HPMPs within the context of an overarching strategy for HCFC reductions and phase-out as per the adjusted schedule. The HPMP (Stage-1) would focus on compliance with the 2013 freeze and 2015 reduction targets. The subsequent stages would focus on HCFC phase-out in compliance with the future reduction control targets.
b. Commitments to achieving the 2013 and 2015 as well the post 2015 control milestones through performance-based agreements.

Further, through Decision 60/44, ExCom adopted funding guidelines for various components and types of HPMPs.

Lebanon's HPMP (Stage-I and Stage-II) complies with the provisions of all relevant ExCom decisions related to HPMPs.

Lebanon's HCFC Phase-out Management Plans comprises of a combination of interventions such as technology transfer investments, policies and regulations, technical assistance, training, awareness and communications and management, coordination and monitoring in the Foams and Air Conditioning/Refrigeration sectors, to be implemented over the years from 2011 to 2030.

The objectives of the overarching strategy of Lebanon's HCFC Phase-out Management Plan are as below:

a. To facilitate Lebanon's compliance with the control targets for HCFC consumption with minimal impacts on the national economy, on environment and on occupational health
b. To implement a combination of interventions such as technology transfer investments, policies and regulations, technical assistance, training and capacity-building, awareness and education and monitoring and management in the HCFC consuming sectors, contributing to achieve sustainable reductions and phase-out of HCFC consumption.

Kigali HFC implementation plan (KIP)

The Kigali Amendment to the Montreal Protocol is an international agreement to gradually reduce the consumption and production of hydrofluorocarbons (HFCs), which are potent greenhouse gases. Lebanon ratified the Kigali Amendment and is required under this agreement to freeze its production and use of HFCs in 2024, with an 80% reduction by 2045.

The government of Lebanon, with the support from UNDP, will develop the HFC phase-down plan, referred to as Kigali HFC implementation plan (KIP) to meet its obligations. The government received funding for preparation of a stage I KIP investment project in the residential AC sector (approved at 88th meeting of the ExCom) and has submitted its request for project preparation for the KIP investment project in the commercial refrigeration manufacturing sector through UNDP to the 93rd meeting of the ExCom.

II. STRATEGY

The project aims at strengthening institutional capacity for the implementation of the Montreal Protocol in Lebanon to ensure Lebanon's compliance with the national HCFC consumption targets as per the Montreal Protocol and in accordance with the agreement between the Executive Committee of the Multilateral Fund and the Government of Lebanon.

The more specific objective of this project is to support the National Ozone Unit in its preparation of a comprehensive HPMP (stage III) and Kigali HFC Implementation Plan (KIP) for Lebanon, which will incorporate the strategy and action plan for the Government of Lebanon during which the country would have to achieve relevant compliance targets (full

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phase-out of HCFCs, freeze and phase-down of HFCs) as per the schedule of the Montreal Protocol and its Kigali Amendment, noting that the consumption of HCFCs has been phased out in the PU foam manufacturing sector in 2021 and the air-conditioning manufacturing sector.

Besides supporting the Government of Lebanon in meeting its compliance targets, this project will also assist the government to promote ozone-friendly, climate-friendly and energy-efficient technologies to the extent possible within the current guidelines and available funding under the HPMP (Stage III) and future KIP, and engage and raise awareness of relevant stakeholders to fulfil the country's obligations under Montreal Protocol and its Kigali Amendment.
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This project aligns with the new UNDP Country Programme Document (CPD) for 2023 – 2025, specifically, Priority 3 which aims at "Building on the crisis response, support the country's longer-term aspirations towards green and inclusive development". Within this priority, UNDP commits to developing capacity in institutions to implement and oversee support gender-responsive interventions in the sustainable energy value chain, solid waste management, water and wastewater management, and green production models aiming to:

- Reduce environmental degradation and protect natural resources; seek longer-term solutions to reduce pollution and natural resource efficiency,
- Mitigate and adapt to the climate crisis, and
- Promote sustainable land management and ecosystem approaches.

Based on the development challenges, the project objectives, and UNDP's previous experiences, the theory of change (ToC) for this project is proposed as follows:

If the followings can be achieved:

- Adoption/implementation of legislation and regulation to control and monitor the imports and use of Montreal Protocol-controlled substances (Objective 1)
- Accurate and timely data collection and reporting of consumption of all Montreal Protocol controlled substances (Objective 2)
- Efficient coordination between national agencies/stakeholders to support the objectives of the Montreal Protocol (Objective 3)
- Supervision of the timely implementation of HCFC phase-out/HFC phase-down activities and the resulting reduction in consumption of controlled substances (Objective 4)
- Promoting awareness raising and information exchange on relevant issues of the Montreal Protocol (Objective 5)
- Regional cooperation and participation in Montreal Protocol meetings (Objective 6)
- Integration of MLF gender policy in the implementation of the Montreal Protocol (Objective 7)

Then:

- Lebanon is able to comply with the national HCFC phase-out and KIP phase-down targets as per the Montreal Protocol and in accordance with the agreement between the Executive Committee of the Multilateral Fund and the Government of Lebanon.

III. RESULTS AND PARTNERSHIPS

Expected Results

The table below summarises the activities carried out in the previous IS XII phase and the planned activities and expected results (output) under the context of the phase XIII (as reported in the IS XIII proposal):

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Components or elements	Activities carried out in the previous phase (XII)	Outputs achieved for reporting period (phase XII)	Planned activities in this project (phase XIII)	Expected outputs to be achieved for this project (phase XIII)
Objective 1: Adoption/implementation of legislation and regulation to control and monitor the imports and use of Montreal Protocol controlled substances				
Amendments to national policies and regulations to include provisions required by the Kigali Amendment.	Amendment of the existing ODSs legislations to accommodate HFCs as controlled substances (New ministerial decisions were issued).	The licensing decree is in operation since April 2016 and relevant ministerial decisions were issued in relations to quotas of HCFCs and HFCs to importers for the year 2023 (Stage-II, March 2022).	▪ A review and analysis of the current ODS licensing system for Enforcement of the amended ODS licensing system and amend the licensing system to include HFCs (Stage-II, May 2023). ▪ Implementation of the RAC servicing sector technician's mandatory certification in line with the requirements. ▪ (Stage-II, June 2023). ▪ An agreement to be signed with the Executive Committee for the phase-down strategy of HFCs (KIP). ▪ Workshops and meetings addressed to customs and importers addressing the new regulations and targets in relation to HFs and EE in cooling.	▪ Regulatory changes adopted and effective enforcement of Licensing Decree to achieve the reduction of HCFC consumption of 75% by 2024 and the control of imports of HFCs in the quota system for the year 2023 and beyond complying with the Kigali amendment guidelines. ▪ Control of the imports of HFCs under the KIP strategy. ▪ RAC servicing sector technician's mandatory certification system introduced into the Vocational school's structure. ▪ Capacity building of customs and importers in line with the new regulations and targets.
Effective implementation and enforcement of the licensing and quota system for all Montreal Protocol controlled substances.	Quota system is operational and included the control of imports of HFCs.	Ministerial decision for the inclusion of HFCs in the ODS licensing system and granted the quantities of imports to the importers.	Enforcement of the Licensing system and issuance of quotas for the year 2024-2025.	Control of imports of ODSs and HFCs.
Enforcement of control measures to sustain the phase out of substances already achieved.	▪ Assistance provided to the legal department at MoE regarding the follow up on legislative issues, as well as the Customs	▪ The ODS licensing system was amended to include the HFCs as controlled substances to be reported to	▪ Continue monitoring the enforcement of the regulations and legislations, in coordination with relevant national stakeholders involved in trade of ODSs. ▪ Amendment of the existing licensing system	▪ Sustain CFC and HCFCs phase-out and monitor the equipment working on CFCs and HCFCs through the enforcement of the quotas and licensing system.

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Components or elements	Activities carried out in the previous phase (XII)	Outputs achieved for reporting period (phase XII)	Planned activities in this project (phase XIII)	Expected outputs to be achieved for this project (phase XIII)
	for better enforcement of licensing system and quotas for HCFCs and reporting of HFCs.	MP (Stage-II, Feb 2022). ▪ Ministerial decision banning the use of R-141b in the foam manufacturing sector (Stage-II, Feb 2022).	to include quota system for HFCs and their blends. ▪ Training of customs officers (15-25 personnel) as well as importers of ODSs (30-45 personnel) (Stage-III, May-December 2024-2027).	▪ Control of imports of HFCs under the Kigali amendment guidelines. ▪ 20 Customs Officers and 35 importers of ODSs trained on identification of imports of ODSs and their alternatives and mixtures of refrigerants, illegal trade, fraud shipments and the future implications of Kigali Amendment as well the importers.
Institutional measures in place with relevant offices to effectively monitor potential illegal trade of controlled substances as applicable	▪ Complete control on the importation sector of ODSs. A total of 9 new customs officers trained on the new identifiers and procedures for combating illegal trade of ODSs and their alternatives. (May 2022). Importer's workshop was held in Sept 2022, ensuring the importance of fulfilment of the requirements of the quota system and the introduction of reporting HFCs in the coming year (23 registered importers).	▪ Continue close coordination with concerned authorities in the country and capacity building of customs officers as well importers.	▪ Institutional measures to be in place with relevant governmental bodies (mainly customs) to effectively monitor potential illegal trade of controlled substances as applicable	▪ Continue close coordination with the concerned authorities, namely the Customs authorities, and coordination with network countries in the region/trade hubs during 2023 - 2027 and regional network meetings. Provision of ODS equipment/ new identifiers to the Customs, capacity building and training programmes addressed to Customs officials and Importers. (Stage-III, 2024 - 2027.

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Components or elements	Activities carried out in the previous phase (XII)	Outputs achieved for reporting period (phase XII)	Planned activities in this project (phase XIII)	Expected outputs to be achieved for this project (phase XIII)
Enforcement of measures to control or ban the imports of RAC equipment or pre-blended polyols, if applicable.	▪ Measures for banning the equipment were planned for future years.	▪ None	▪ Banning the imports of RAC equipment working on HCFCs will be scheduled for 2025. Pre-blended polyol working with HCFCs is scheduled for 2024-2025.	▪ Reduction of HCFCs consumption in the servicing sector.
Ratification of Amendments to the Montreal Protocol.	▪ The Government of Lebanon ratified the Kigali amendment to the Montreal Protocol in April 2019.	▪ The entry into force of the Kigali Amendment in 2020 resulted in the approval of the funding of the preparation of the HFCs phase-down strategy plan in 2020.	▪ Awareness raising and capacity building to decision makers, governmental institutions, importers, associations, technicians, academia on the linkages between UNFCCC and the Montreal Protocol in relation to Kigali amendment. ▪ Completion of the inventory on the users of HFCs (Manufacturing and servicing) in all sectors.	▪ Preparation of the KIP project (HFCs phase down management plan). ▪ Building the capacities of all stakeholders on the key provisions of Kigali amendment (Linkages between UNFCCC and Montreal Protocol as well to include energy efficiency protocols in future related activities. Adoption of the MEPS and standards in coordination with the national government bodies.
Objective 2: Accurate and timely data collection and reporting of consumption of all Montreal Protocol controlled substances				
Monitoring customs import/export data of controlled substances	The ODS Licensing System monitors the importation and exportation of ODSs in and outside the country.	▪ Effective control of the importation/ exportation trends of ODSs maintained. ▪ Coordination with the Customs Authorities on the amendment of HS codes if needed.	▪ Update information of HCFC as well the HFCs users to monitor phase-out from 2015 to 2027 as well the HFCs. ▪ Update information databank and produce reports on the consumption/importation of HCFCs and HFCs (2024 - 2027).	▪ Accuracy of the database of ODS users/consumption/ importation in the country to facilitate ODS phase-out monitoring and introducing ODS alternatives. ▪ Compliance with the control guidelines of MP.
Supporting effective and timely data collection for Article 7 and	▪ Annual Reports on the consumption of ODS for the year 2020 &	▪ Report to the Ozone Secretariat submitted on time	▪ Timely submission of Annual Reports on the Consumption/Importation of ODS for the years 2023	▪ A7 Reports prepared and submitted to the Ozone Secretariat on a timely basis (before 30

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Components or elements	Activities carried out in the previous phase (XII)	Outputs achieved for reporting period (phase XII)	Planned activities in this project (phase XIII)	Expected outputs to be achieved for this project (phase XIII)
Country Programme data reporting	2021 developed and submitted to the Ozone secretariat. ▪ Annual Reports on the Importation of ODS for the years 2020 & 2021 developed and to be submitted to the MLF secretariat.	September 2020 and August 2021. ▪ Report to the MLF Secretariat submitted on time Progress reports on the implementation of the country programme were prepared and submitted in April 2020 and May 2021 to the MLF secretariat.	- 2027 (Reports will be submitted in this phase).	April for the years 2023 till 2027). ▪ Progress report on CP implementation reports prepared and submitted to the MLF Secretariat are submitted on a timely basis. (Before 30 May for the years 2023 till 2027).
Supporting data reporting requirements for HFCs and blends under the Kigali Amendment and monitoring the country compliance in ODP tonnes and CO2-eq tonnes.	▪ Annual Reports on the consumption of HFCs for the year 2020 & 2021 prepared and submitted to the Ozone secretariat. ▪ Annual Reports on the Importation of HFCs for the years 2020 & 2021 prepared and to be submitted to the MLF secretariat.	▪ Report to the Ozone Secretariat submitted on time September 2020 and August 2021. ▪ Report to the MLF. Secretariat submitted on time. ▪ Progress reports on the implementation of the country programme were prepared and submitted in April 2020 and May 2021 to the MLF secretariat.	▪ Timely submission of Annual Reports on the Consumption/Importation of HFCs for the years 2023 - 2027 (Reports will be submitted in this phase).	▪ A7 Reports prepared and submitted to the Ozone Secretariat on a timely basis (before 30 April for the years 2023 till 2027). ▪ Progress report on CP implementation reports prepared and submitted to the MLF Secretariat are submitted on a timely basis. (Before 30 May for the years 2023 till 2027).
Objective 3: Efficient coordination between national agencies/stakeholders to support the objectives of the Montreal Protocol				

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Establishment/ enhancement of inter and intra-governmental cooperation mechanisms particularly for the implementation of the Kigali Amendment	Strengthen the cooperation with the various stakeholders.	Liaison with the government institutions, Semi-governmental Institution (IRI), industrial sector, and NGOs (ongoing).	Maintain the existing cooperation with the various national stakeholders.	▪ The NOU effectively directs the IS and other ODS phase-out related projects in the country and ensures that the project achievements are in line with the ISP and other projects requirements. ▪ Information/network is maintained among different agencies for effective policy and decision making on ODS particularly related to HPMPs and the future HFCs phase down plan (KIP).
Facilitation of agreements with stakeholders and partners (i.e., RAC associations, industry, and government) to efficiently implement the Montreal Protocol projects and other requirements	▪ Cooperation strengthened with various industry and technical associations, namely the Industrial Research Institute (IRI), Industrial associations and Industrial NGOs. ▪ Coordination improved with various implementing agencies, donors etc.	▪ Close partnership with the importers and suppliers of refrigerants and refrigeration accessories, as well as the refrigeration experts maintained. ▪ Close partnership with HCFCs and HFCs importers maintained. ▪ Technical meetings on HCFCs alternatives in different sectors organized (July and Sept 2021-and 2022). ▪ Technical advice and information to RAC end-users	▪ Maintain the existing cooperation with various national associations and relevant industry stakeholders. ▪ Two coordination meeting with refrigeration and air conditioning association and importers of equipment. ▪ Consultations ongoing with the Ministry of Education to enforce the updated curricula of the air-conditioning and refrigeration in vocational schools in Lebanon.	▪ The network between NOU/MoE and the industrial sector, governmental and non-governmental authorities is maintained. ▪ The partnership with the manufacturers in the refrigeration/air conditioning sectors is maintained for effective implementation of HPMP and future KIP. ▪ The KIP PRP project for the preparation of the HFCs phase-down plan is undergoing and expected to submit the KIP Stage-I project to the 95th ExCom meeting in Dec 2024. ▪ New amended curricula proposals introduced for vocational schools.

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		provided through a close follow-up with the enterprises (ongoing).		
Objective 4: Supervision of timely implementation of HCFC phase out/HFC phase down activities and the resulting reduction in consumption of controlled substances				
Overall coordination of planned projects and expected outputs for approved and ongoing national plans	▪ At the 75th ExCom in Nov 2015, HPMP Stage-II was submitted and approved (Decision 75/85). Implementation of Investment projects were initiated in the foam and air-conditioning sectors. ▪ Capacity building and technical assistance provided to the different sectors (Foam, Air-conditioning and refrigeration).	▪ Project activities starting July/Aug 2016. The decree was officially issued by the government in April 2016. Moreover, the logistics were finalized, and implementation of the project activities started. All manufacturing enterprises in the foam and air-conditioning sector were completed, accordingly no consumption of HCFCs is reported since the year 2021. This conversion contributed to the reduction of HCFCs baseline level by 44.4 ODP tons. ▪ Total phase-out of HCFCs consumption/ use in the manufacturin	▪ Continue monitoring/ supervising the Implementation of HCFCs phase-out investment components (foam and air conditioning sector), and the SWH enterprises) as well implementation of activities as planned in the RAC service sector. The IS role is to supervise the PMU under the context of the HPMP project and would not duplicate the PMU tasks. ▪ Implementation of the Work plan for the RAC servicing sector. Training of the teachers abroad (2) and 400 technicians during the year 2024. ▪ Submission of a demo project for the phase-out of HFCs in commercial refrigeration sector.	▪ Compliance of Lebanon with the 2025 control targets (the reduction of HCFCs consumption of 75% from the baseline level). ▪ The skills and knowledge of the RAC servicing technicians is enhanced.

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Components or elements	Activities carried out in the previous phase (XII)	Outputs achieved for reporting period (phase XII)	Planned activities in this project (phase XIII)	Expected outputs to be achieved for this project (phase XIII)
		g sectors (Air-conditioning, Foam and Solar water and electric heaters. ▪ Work plan for the RAC servicing sector is prepared, teachers were trained abroad (3 teachers) and plan for training of technicians was deferred due to the political situation in Lebanon. The third RAC centre was completed and is now operational since September 2020.		
Facilitation of timely review and submission of tranches/new stages/individual projects	▪ The preparations for the submission of the IS Phase-XIII to the 92 ExCom meeting for funding. ▪ The preparations for the submission to the MLF for the release of funds of the HPMP Stage-II Tranche-4. ▪ The preparations	The outputs achieved will be in 2023	▪ Project proposal KIP PRP manufacturing sector to be submitted to the MLF for funding (93rd ExCom 2023). ▪ Proposal to be submitted to the MLF for funding (93rd ExCom 2023). ▪ Completion of the inventory/survey of the HFCs users and consumption in all sectors	▪ The outputs of the survey will be used to update the data available in implementing the future HFC projects and other HFC phase-out plans. ▪ Development of the KIP (HFCs phase-down strategy plan).

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	for the submission of the project proposal for the HPMP Stage-III to the MLF for funding. ▪ Implementation of the activities related to the HFCs phase down PRP strategy.			
Objective 5: Promoting awareness raising and information exchange on relevant issues of the Montreal Protocol				
Raising awareness based on assessment of information needs for the general public and for specific sectors to support implementation of Multilateral Fund projects.	▪ Review of the awareness outreach programme.	▪ Dissemination of awareness materials to schools, universities, public libraries, and NGOs carried out. ▪ Organized 2 workshops for importers on January 27, 2022 (11 importer attendees) and on October 7, 2022 (25 importer attendees). ▪ Dissemination of 1845 copies of the Sun Safe activity book (total of 37,000 copies were already distributed). ▪ Distribution of 100 RAC sector servicing guidebook to	▪ Conduct 3 workshops: 1 for customs and 2 for importers. ▪ Conduct training programme for RAC technicians (400 technicians).i ▪ Opening event of the RAC centre at Bakhoun vocational school. ▪ Distribution of 400 RAC sector servicing guidebook to students, teachers, and technicians. ▪ Dissemination of the Sun Safe Guide activity book to public libraries, schools and NGOs (approx. 2500 copies). ▪ Improving kids' awareness on being sun safe and protecting the ozone layer through the collaboration with kids' theatre/play, NGOs, schools and public libraries. ▪ Production of a short, animated video to raise awareness on the Ozone Layer and the health risks due to over exposure to the sun. ▪ Production of material related to HFCs	▪ Awareness on Ozone Protection and its linkage to Climate Change (focusing on the HCFCs and HFCs issues) as well energy efficiency at the national level is increased. - Academic - Industries - Technicians - Students - Teachers - Stakeholders - NGOs - Public Libraries ▪ This will give a wide exposure of the public to the activities in the country on the Montreal Protocol activities in the country.

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Components or elements	Activities carried out in the previous phase (XII)	Outputs achieved for reporting period (phase XII)	Planned activities in this project (phase XIII)	Expected outputs to be achieved for this project (phase XIII)
		vocational school students (total of 400 copies were already distributed). ▪ Working on the production of the RAC guidebook in Arabic. ▪ Developed series of social media posts.	alternatives in the cooling sector. ▪ Development of series of factsheets and infographics related to the impact of our work on the converted industries and our collaboration with the importers. ▪ Develop series of social media posts.	
Consultation with stakeholders in development of a plan for communication and awareness	▪ Individual meetings were set with all stakeholders for developing awareness raising targeting the RAC technicians and vocational schools.	▪ Developed and disseminated a documentary on the RAC centre at Dekwaneh vocational school to raise awareness on the training of students and technicians on the latest technologies dealing with HCs refrigerants.	▪ Development of Training manuals to RAC technicians and students. ▪ Development of series of social media posts, fact sheets, and infographics.	▪ Reduction of ODSs consumption in RAC servicing sector. ▪ Upgrading the capacities of the vocational schools (teachers and students) as well technicians in the market on the alternative technology, namely HCs.
Organizing celebration of World Ozone Day	▪ Work with the government institutions and private sectors to achieve responsible behaviour towards cleaner environment.	▪ The RAC centre documentary was launched on UNDP social media channels on September 16 on the World Ozone Day 2022. ▪ Developed a press release on the WOD and the	▪ Organize International Ozone Day celebration with other activities and strengthen partnership with the private sector. ▪ Develop media material and press release dissemination on the occasion of the World Ozone Day (16 September). ▪ Launching of the new short, animated videos.	▪ Resources and opportunities for raising awareness on Ozone Protection (Industrial and Private Sector) enhanced.

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Components or elements	Activities carried out in the previous phase (XII)	Outputs achieved for reporting period (phase XII)	Planned activities in this project (phase XIII)	Expected outputs to be achieved for this project (phase XIII)
		national ozone unit achievements throughout the years.		
Objective 6: Regional cooperation and participation in Montreal Protocol meetings				
Participation in the regional network meetings to provide continuity and institutional capacity building	▪ Participated in West Asia Network 2022 meeting for NOUs and Thematic technical and coordination meeting on the development and adoption of standards as required under the Kigali amendment of the Montreal Protocol that was held in Dubai-UAE, 11-16 Sept. 2022.	▪ Provided inputs on technology and policy issues mainly related to KA as well standards during the meeting and understood key aspects that need to be addressed during the ExCom and the MOP, meetings in 2022.	▪ Participate in network meetings (Performance indicator). ▪ Contributing to West Asia Network through coordination with West Asia parties targeting mainly activities under the context of HPMP and other related activities mainly Kigali (HFCs Phase-down strategies), standards and EE in the RAC sector.	▪ Inputs to regional stakeholders on policy issues relating to MP implementation specifically on HCFC and HFCs phase-out are provided. ▪ Effective data reporting, particularly on illegal trade, for successful implementation of HPMP activities are maintained as well HFCs phase down activities and introducing the interim HS codes for HFCs.
Encouraging country participation at Open-ended Working Group / Meeting of the Parties.	▪ Participated in the main Montreal Protocol meetings in 2022 (The 32nd MOP (Montreal) and the, 90th and 91st ExCom meeting).	▪ Provided inputs on policy issues mainly related to KA as well HFCs cost effectiveness, starting date of HFCs phase-down etc. during the meeting and to follow on key aspects that need to be addressed during the coming MP meetings.	▪ Participate in International events related to Montreal Protocol (MOP, OEWG, ImpCom and ExCom) during Phase XII & XIII (2024-2027).	▪ Lebanon's position on various issues articulated and MP related issues updated.

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Components or elements	Activities carried out in the previous phase (XII)	Outputs achieved for reporting period (phase XII)	Planned activities in this project (phase XIII)	Expected outputs to be achieved for this project (phase XIII)
		▪ Nomination of Lebanon for the membership of the Implementation Committee for the years 2023 and 2024.		
Where possible, identify specific activities for cooperation with other countries in the network region on an issue of mutual interest	▪ Coordinated with the CAP programme on issues related to HS codes of HFCs, Standards and policy issues.	▪ The CAP first meeting that was held in 2022 after a long period of time gave the opportunity to West Asia countries to express the need for technical assistance related to KA, EE in cooling as well RAC standards.	▪ Issuance of HS codes for HFCs ▪ Standards related to EE in the RAC sector. ▪ Preparations for KIPs.	▪ Issuance of HS codes for HFCs for better control of imports and quota enforcement. ▪ Preparation of KIPs. ▪ Update on standards related to RAC.
Objective 7: Integration of MLF gender policy in implementation of the Montreal Protocol				
Encouraging consultations with stakeholders to mainstream gender into activities of Montreal Protocol activities	▪ The NOU encouraged all partners and stakeholders (Industries, vocational schools, servicing sector) in mainstreaming the participation of females in all activities related to the Montreal Protocol.	▪ Participation of 4 females from the importers side in the workshop organized. ▪ Participation of 3female teachers in the train the trainers workshop organized at the Bakhoun vocational school RAC center.	▪ Organize a training programme for 2 female teachers (Train the trainers) in Germany (Organized by GIZ).	▪ Mainstreaming gender in the RAC sector which will encourage female students to register in RAC vocational education.
Integration of the MLF gender policy in project	▪ Gender mainstreaming was incorporated	▪ Implement a training programme addressed to	▪ Awareness outreach with the Ministry of Education on opening opportunities	▪ Opening of employment opportunities for

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Components or elements	Activities carried out in the previous phase (XII)	Outputs achieved for reporting period (phase XII)	Planned activities in this project (phase XIII)	Expected outputs to be achieved for this project (phase XIII)
planning and implementation	into all activities in the HPMP.	female teachers (Train-the-trainers programme).	for female students (Incentive programme).	women in the RAC technical fields.
Aassessment of engagement from stakeholders and partners in mainstreaming gender into activities, where relevant	▪ The participation of females from the different stakeholders (industries, importers and RAC teachers) was very encouraging with big confidence.	▪ Assessment results showed that more time is needed for engagement knowing the difficulties encountered in this field.	▪ Engage the female teachers to encourage young female students for the RAC education in the vocational schools.	▪ Gender equality promoted in project activities.

Resources Required to Achieve the Expected Results

The project needs the following resources to deliver the expected results:

- Project staff (see below detail) including UNDP Country Office staff time for procurement, contract management, finance, coordination, reporting, and general support.
- Consultancy service and/or research institutions for technical support and capacity building. The competitive selection of contractors will be undertaken in line with the UNDP procurement policy.
- Other direct operation costs, such as transport and visibility.
- Indirect cost (charged as DPC in the budget): financial management, procurement, IT, HR, and operation costs that are apportioned to the project, to be collected based on UPL.

Partnerships

The Government of Lebanon with the support of the UNDP, will implement the activities of the Institutional Strengthening Project (Phase XIII) as planned, which is crucial to support the management of ODS phase-out activities in the country during the period from June 2024 to June 2027. The IS Phase XIII will successfully achieve the expected results and complied with the post 2015 HCFC control targets (2024 and 2030 milestones) through the positive collaboration with the various stakeholders, including both private and public partners and the industries in particular. The project will also work closely with the Ministry of Environment by providing policy and legislative advice to support including ministerial decision for the control of HCFCs and HFCs.

The Government of Lebanon will achieve the upcoming targets as planned under Phase-XIII of the IS set for the timely phase-out of HCFCs; address the future challenges related to the HFCs phase-down and carry out relevant activities related the Kigali implementation plans (KIP) planned for this year 2024 and the years beyond.

Risks and Assumptions

The political and social instability in the country during the past two years and the currency devaluation affected much the implementation of activities especially with Legislations issuance and endorsement by the government as well the training programmes for the RAC technicians were delayed due to the above reasons. However, The increase in the level of funding as well the extension of the duration of the IS project to 3 years instead of 2 years were well addressed for better implementation in the future years with the additional work required in relation to the HFCs phase-down. UNDP will monitor closely the political and social instability in the country and to continue the consultations with the relevant Government partners as well private sectors .

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#	Description	Date Identified	Type	Impact & Probability (1= low, 5=high)	Countermeasures / Mngt response	Owner
1	Political instability and security situation in the country	June 2024	Political	5	Modifications in the project daily activities / plans and close coordination with the government	UNDP
2	Delay in enactment of regulations	June 2024	Operational	Effective controls on HCFCs will not be in place and may lead to non-compliance with provisions of ExCom agreement *P = 1, I = 5*	Close and regular coordination between UNDP and government (MoE)	UNDP
3	Delay in implementation of enterprise-level conversions	June 2024	Operational	HFC phase-down at enterprise-level may not take place as planned *P = 1, I = 4*	Improved project management through regular monitoring of enterprise-level activities	UNDP
4	Delay in availability of alternative technologies	June 2024	Operational	HFC phase-down at enterprise-level may not take place as planned *P = 1, I = 4*	Regular consultations with UNDP technical experts and closely monitoring technology developments	UNDP

Stakeholder Engagement

Carry on proper consultations with stakeholders, validate results of the surveys and the PRP process, draft the updated over-arching strategy and the RAC servicing sector plan, endorse strategies with stakeholders, obtain approvals from institutions responsible for the MP framework in country.

Digital Solutions

The IS project submitted a project to the MLF for funding Digital tools that will provide valuable insights, automation, and control capabilities that can significantly enhance the energy efficiency of cooling systems, reducing emission of green-house gases, identifying energy saving opportunities at both units' level and society level. Furthermore, smart cooling contributes to sustainable urban planning. By implementing smart cooling strategies and smart cold chain infrastructure, city can reduce the urban heat island effect, minimise the amount of electricity consumed, which in turn reduces the use of fossil fuels and pressure on the power grid in the peak time.

Knowledge

The project aims to achieve the anticipated results through robust interaction with governmental and non-governmental authorities, as well as the industrial and public sectors. It involves providing technical support for the technology transfer of the manufacturing sector to non-ozone-depleting substances (non-ODS) and Low-GWP alternatives in manufacturing, including the transition to HFCs technology in the air-conditioning sector and the adoption of hydrocarbon and hydro fluoro olefin technologies in the foam manufacturing sector.

Additionally, the project includes the provision of capacity building to technical vocational schools through the establishment of three RAC (Refrigeration and Air Conditioning) training centres in Beirut, North Lebanon, and South Lebanon (The fourth RAC centre will be established in Bekaa in 2024). These centres will offer the necessary training to

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technicians and students working in the refrigeration and air-conditioning sectors. The overall goal is to ensure Lebanon's compliance with the Montreal Protocol obligations, aligning with the HCFC phase-out targets.

Sustainability and Scaling Up

The project is designed with a strong commitment to leveraging relevant national systems to ensure sustainability and scalability of results. We plan to integrate our initiatives into existing national frameworks, taking into account local structures and processes.

.The project aims to work closely with local stakeholders and authorities to facilitate a seamless handover of project activities. This will involve capacity building at the national level, ensuring that local entities are equipped to sustain and potentially scale up the achieved results. In terms of strengthening national capacities, the project includes targeted training programs and knowledge transfer initiatives. Regular monitoring and evaluation processes will be implemented to assess the progress of capacity building efforts and adjust strategies accordingly.

Cost Efficiency and Effectiveness

After careful consideration, the project proposes adopting a combination of strategies to maximize results within the given resource constraints. Utilizing the theory of change analysis will allow project team to systematically examine various options and identify the most effective pathways to achieve the objectives. This approach will provide a clear roadmap, ensuring that efforts are aligned with goals and resource allocation is optimized.

The project recommends employing a portfolio management approach to enhance cost-effectiveness and foster learning. By strategically leveraging activities and forming partnerships with existing experiences from the previous experience gained from the previous phases, the project can capitalize on shared resources, minimize duplication of efforts, and promote knowledge exchange. This collaborative approach aligns with best practices and offers opportunities for synergy.

Project Management

The project will be operationalized in Beirut located at the Ministry of Environment strategically chosen for to ensure effective on-the-ground coordination and support. The operations support will be organized through a combination of dedicated and shared resources, such as dedicated staff roles, shared services, etc.

The project is committed to fostering collaboration with related projects to maximize impact and avoid duplication of efforts. Regular coordination meetings with UNDP and EE projects and joint initiatives will be organized to ensure synergy. Audit arrangements will be established in accordance with measures or protocols with UNDP and Country Office Support Services. The project will actively engage with UNDP Country Office Support Services to leverage our expertise and support provided. Regular updates and collaboration will be maintained to align with broader development goals.

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IV. RESULTS FRAMEWORK

Intended Outcome as stated in the Country Programme Results and Resource Framework: Strengthened stabilization and green recovery to reduce vulnerabilities and environmental risks, including through enhanced competitiveness and business environment of sustainability-oriented MSMEs and high potential green productive sector values chains. (CPD (2023-2025), Outcome 3)

Outcome indicators as stated in the Country Programme [or Regional] Results and Resources Framework, including baseline and targets:
Output 3.1 (IRRF output 4.1). Natural resources protected and managed to enhance sustainable productivity and livelihoods.

Indicator 3.1.4. Yearly consumption of ozone depleting substances (Baseline: 25.5 tonnes, Target: 15 tonnes)

Applicable Output(s) from the UNDP Strategic Plan: Capacity of government to meet its obligations under international environmental conventions and protocols timely and adequately is strengthened.

Project title and Atlas Project Number: Institutional Strengthening Project for the implementation of Montreal Protocol in Lebanon (Phase XIII) - 01001613

EXPECTED OUTPUTS	OUTPUT INDICATORS[1]	DATA SOURCE	BASELINE		TARGETS (by frequency of data collection)						DATA COLLECTION METHODS & RISKS
			Value	Year		Year 2024	Year 2025	Year 2026	Year 2027	FINAL	
Output 1 Strengthening Institutional Capacity for the Implementation of the Montreal Protocol in Lebanon	***1.1*** Efficient and Timely reporting as per the Montreal Protocol guidelines	*Ozone secretariat and MLF secretariat*	2	*2023*		*2*	*2*	*2*	*2*	*8*	*Imports and consumptions of ODS reported in April and September each year.*
	1.2 Capacity building for stakeholders (1 workshop for customs and 2 workshops for importers each year)	*NOU*	*3*	*2023*		*3*	*3*	*3*	*3*	*12*	*Workshops and capacity building events*
	1.3 Production and dissemination of communication material	*NOU*	*1*	*2023*		*2*	*1*	*1*	*1*	*5*	*Media outputs*

[1] It is recommended that projects use output indicators from the Strategic Plan IRRF, as relevant, in addition to project-specific results indicators. Indicators should be disaggregated by sex or for other targeted groups where relevant.

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V. MONITORING AND EVALUATION

In accordance with UNDP's programming policies and procedures, the project will be monitored through the following monitoring and evaluation plans: *[Note: monitoring and evaluation plans should be adapted to project context, as needed]*

Monitoring Plan

Monitoring Activity	Purpose	Frequency	Expected Action	Partners (if joint)	Cost (if any)
Track results progress	Progress data against the results indicators in the RRF will be collected and analysed to assess the progress of the project in achieving the agreed outputs.	Quarterly	Slower than expected progress will be addressed by project management.	NA	NA
Monitor and Manage Risk	Identify specific risks that may threaten achievement of intended results. Identify and monitor risk management actions using a risk log. This includes monitoring measures and plans that may have been required as per UNDP's Social and Environmental Standards. Audits will be conducted in accordance with UNDP's audit policy to manage financial risk.	Quarterly	Risks are identified by project management and actions are taken to manage risk. The risk log is actively maintained to keep track of identified risks and actions taken.		
Learn	Knowledge, good practices and lessons will be captured regularly, as well as actively sourced from other projects and partners and integrated back into the project.	At least annually	Relevant lessons are captured by the project team and used to inform management decisions.	NA	NA
Annual Project Quality Assurance	The quality of the project will be assessed against UNDP's quality standards to identify project strengths and weaknesses and to inform management decision making to improve the project.	Annually	Areas of strength and weakness will be reviewed by project management and used to inform decisions to improve project performance.	NA	NA
Review and Make Course Corrections	Internal review of data and evidence from all monitoring actions to inform decision making.	At least annually	Performance data, risks, lessons and quality will be discussed by the project board and used to make course corrections.	NA	NA
Project Report	A progress report will be presented to the Project Board and key stakeholders, consisting of progress data showing the results achieved against pre-defined annual targets at the output level, the annual project quality rating summary, an updated risk long with mitigation measures, and any evaluation or review reports prepared over the period.	Annually, or in line with the Donor requirements		NA	NA

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Monitoring Activity	Purpose	Frequency	Expected Action	Partners (if joint)	Cost (if any)
Project Review (Project Board)	The project's governance mechanism (i.e., project board) will hold regular project reviews to assess the performance of the project and review the Multi-Year Work Plan to ensure realistic budgeting over the life of the project. In the project's final year, the Project Board shall hold an end-of project review to capture lessons learned and discuss opportunities for scaling up and to socialize project results and lessons learned with relevant audiences.	At least annually)	Any quality concerns or slower than expected progress should be discussed by the project board and management actions agreed to address the issues identified.		

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VI. MULTI-YEAR WORK PLAN

All anticipated programmatic and operational costs to support the project, including development effectiveness and implementation support arrangements, need to be identified, estimated and fully costed in the project budget under the relevant output(s). This includes activities that directly support the project, such as communication, human resources, procurement, finance, audit, policy advisory, quality assurance, reporting, management, etc. All services which are directly related to the project need to be disclosed transparently in the project document.

EXPECTED OUTPUTS	PLANNED ACTIVITIES	Planned Budget by Year				RESPONSIBLE PARTY	PLANNED BUDGET		
		2024	2025	2026	2027		Funding Source	Budget Account and Description	Amount
Output 1: Strengthening Institutional Capacity for the Implementation of the Montreal Protocol in Lebanon	1. Activity Result: Oversight of MLF related projects in Lebanon	50,000	100,000	101,500	51,000	UNDP	MLF	71400 - Contractual Services - Individuals	302,500
	1.1 Action: Compliance with the MLF Secretariat reporting requirements (Submission: Progress of Implementation CP Reports 2023-2027) - Kick-off the activities under the IS Phase-XIII- (Q2- 2024) - Kick-off the activities under the HPMP Stage-II, Tranche-4	1,000	1,000	1,000	1,000		MLF	72200 - Equipment and Furniture	4,000
	1.2 Action: Compliance with the ozone Secretariat reporting requirements (Submission: Article 7 ODS Data Reports 2023– 2027)	1,000	1,000	1,000	1,000		MLF	72300 - Materials and Goods	4,000
	1.3 Action: Update the ODS database for HCFC and HFCs users in the country (Foam, Refrigeration, Air conditioning, Solvent and Fire Fighting Sectors), imports and exports of HCFCs and HFCs	3,000	3,000	3,000	3,000		MLF	72500 - Supplies	12,000
	1.4 Action: Initiation of the KIP HFC PRP Manufacturing sector Q1-2024	3,500	2,500	2,500	3,500		MLF	72800 - Information Technology Equipment	12,000
	1.5 Action: Management, coordination and monitoring of all MP activities and energy efficiency related projects (Cool-Up Project)	3,000	3,000	3,000	3,000		MLF	73400 - Rental & Maint of Other Equip	12,000
	1.6 Action: Enforcement of the amended ODS Licensing System Decree (Nb. 3277) that monitors the trade of ODSs in the country	6,000	6,000	6,000	6,000		MLF	74210 - Printing and Publications	24,000
	1.7 Action: Issue of HCFCs quotas for 2024-2027	3,000	4,000	3,000	3,000		MLF	74225 - Other Media Costs	13,000

EXPECTED OUTPUTS	PLANNED ACTIVITIES	Planned Budget by Year				RESPONSIBLE PARTY	PLANNED BUDGET		
		2024	2025	2026	2027		Funding Source	Budget Account and Description	Amount
	1.8 Action: Coordination with Lebanese Customs for enforcement of the amended ODS Licensing Decree and new HS codes for HFCs and blends as well monitoring of the HCFCs quotas for the years 2024-2027	3,000	3,300	3,326	3,000		MLF	74500 - Miscellaneous	12,626
	1.9 Action: Conduct 3 workshops: 1 for customs and 2 for importers each year for this phase	2,200	2,200	2,200	2,200		MLF	75700 - Learning Cost	8,800
	1.10 Action: Develop several awareness campaigns and material (social media posts, press releases, factsheets and infographics, etc...)	1,500	1,500	1,500	1,500		MLF	64397 - Direct Project Costing (UPL)	6,000
	1.12 Action: Media material and press release dissemination on the occasion of the World Ozone Day 2024-2027 (16 September)								
	Sub-Total for Output 1	**77,200**	**127,500**	**128,026**	**78,200**				**410,926**
General Management Support									
TOTAL									

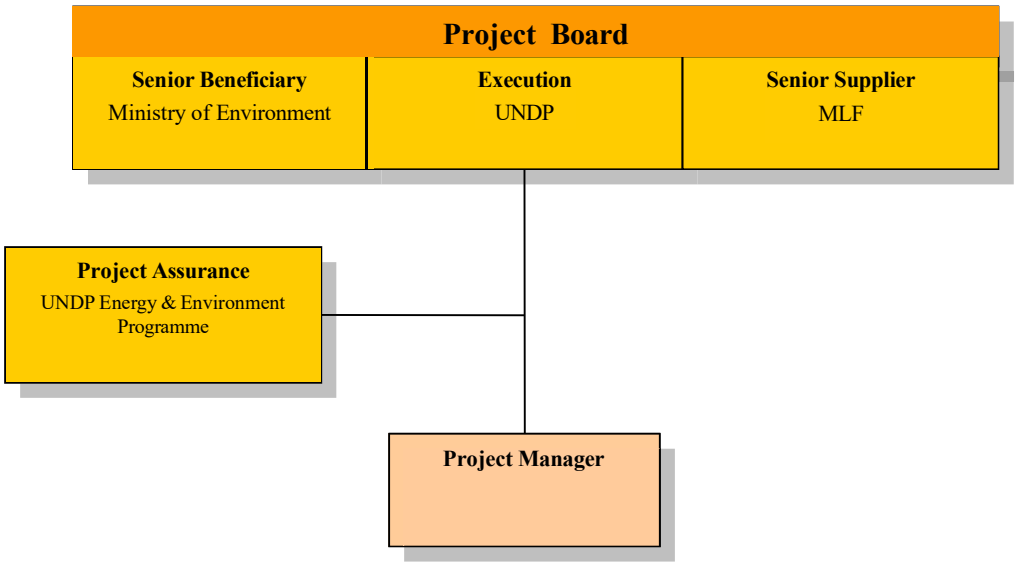
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VII. GOVERNANCE AND MANAGEMENT ARRANGEMENTS

The current project document is prepared to reflect the new phase-XIII of the "Institutional strengthening" as per the approved DOA.

The budget for this new phase amounts to USD 410,926 USD funded by the MLF. Direct Project costing (DPC) will be collected based on UPL

The project board remains as follows:



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VIII. LEGAL CONTEXT

Where the country has signed the Standard Basic Assistance Agreement (SBAA)

This project document shall be the instrument referred to as such in Article 1 of the Standard Basic Assistance Agreement between the Government of Lebanon and UNDP, signed on (date). All references in the SBAA to "Executing Agency" shall be deemed to refer to "Implementing Partner."

This Project Document shall be the instrument referred to as such in Article I of the Standard Basic Assistance Agreement between the Government of Lebanon and the United Nations Development Programme, signed by the parties on 10 February 1986.

The UNDP Resident Representative in Lebanon is authorized to effect in writing the following types of revisions to the Project Document, after consultation with the project partners:

- Revision of, or addition to, any of the annexes to the Project Document;
- Revisions which do not involve significant changes to the immediate objectives, outputs or activities of the project, but are caused by the rearrangement of inputs already agreed to or by cost increases due to inflation;
- Mandatory annual revisions which re-phase the delivery of agreed project outputs or increased expert or other costs due to inflation, or take into account agency expenditure flexibility; and
- Inclusion of additional annexes and attachments

IX. RISK MANAGEMENT

UNDP (DIM)

1. UNDP as the Implementing Partner will comply with the policies, procedures and practices of the United Nations Security Management System (UNSMS.)

2. UNDP as the Implementing Partner will undertake all reasonable efforts to ensure that none of the project funds are used to provide support to individuals or entities associated with terrorism, that the recipients of any amounts provided by UNDP hereunder do not appear on the United Nations Security Council Consolidated Sanctions List, and that no UNDP funds received pursuant to the Project Document are used for money laundering activities. The United Nations Security Council Consolidated Sanctions List can be accessed via https://www.un.org/securitycouncil/content/un-sc-consolidated-list. This provision must be included in all sub-contracts or sub-agreements entered into under this Project Document.

3. Social and environmental sustainability will be enhanced through application of the UNDP Social and Environmental Standards (http://www.undp.org/ses) and related Accountability Mechanism (http://www.undp.org/secu-srm).

4. UNDP as the Implementing Partner will: (a) conduct project and programme-related activities in a manner consistent with the UNDP Social and Environmental Standards, (b) implement any management or mitigation plan prepared for the project or programme to comply with such standards, and (c) engage in a constructive and timely manner to address any concerns and complaints raised through the Accountability Mechanism. UNDP will seek to ensure that communities and other project stakeholders are informed of and have access to the Accountability Mechanism.

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5. In the implementation of the activities under this Project Document, UNDP as the Implementing Partner will handle any sexual exploitation and abuse ("SEA") and sexual harassment ("SH") allegations in accordance with its regulations, rules, policies and procedures.

6. All signatories to the Project Document shall cooperate in good faith with any exercise to evaluate any programme or project-related commitments or compliance with the UNDP Social and Environmental Standards. This includes providing access to project sites, relevant personnel, information, and documentation.

7. UNDP as the Implementing Partner will ensure that the following obligations are binding on each responsible party, subcontractor, and sub-recipient:

a. Consistent with the Article III of the SBAA, the responsibility for the safety and security of each responsible party, subcontractor and sub-recipient and its personnel and property, and of UNDP's property in such responsible party's, subcontractor's and sub-recipient's custody, rests with such responsible party, subcontractor and sub-recipient. To this end, each responsible party, subcontractor and sub-recipient shall:
   i. put in place an appropriate security plan and maintain the security plan, taking into account the security situation in the country where the project is being carried;
   ii. assume all risks and liabilities related to such responsible party's, subcontractor's and sub-recipient's security, and the full implementation of the security plan.

b. UNDP reserves the right to verify whether such a plan is in place, and to suggest modifications to the plan when necessary. Failure to maintain and implement an appropriate security plan as required hereunder shall be deemed a breach of the responsible party's, subcontractor's and sub-recipient's obligations under this Project Document.

c. Each responsible party, subcontractor and sub-recipient (each a "sub-party" and together "sub-parties") acknowledges and agrees that UNDP will not tolerate sexual harassment and sexual exploitation and abuse of anyone by the sub-parties, and other entities involved in Project implementation, either as contractors or subcontractors and their personnel, and any individuals performing services for them under the Project Document.

   (a) In the implementation of the activities under this Project Document, each sub-party shall comply with the standards of conduct set forth in the Secretary General's Bulletin ST/SGB/2003/13 of 9 October 2003, concerning "Special measures for protection from sexual exploitation and sexual abuse" ("SEA").

   (b) Moreover, and without limitation to the application of other regulations, rules, policies and procedures bearing upon the performance of the activities under this Project Document, in the implementation of activities, each sub-party, shall not engage in any form of sexual harassment ("SH"). SH is defined as any unwelcome conduct of a sexual nature that might reasonably be expected or be perceived to cause offense or humiliation, when such conduct interferes with work, is made a condition of employment or creates an intimidating, hostile or offensive work environment. SH may occur in the workplace or in connection with work. While typically involving a pattern of conduct, SH may take the form of a single incident. In assessing the

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reasonableness of expectations or perceptions, the perspective of the person who is the target of the conduct shall be considered.

d. In the performance of the activities under this Project Document, each sub-party shall (with respect to its own activities), and shall require from its sub-parties (with respect to their activities) that they, have minimum standards and procedures in place, or a plan to develop and/or improve such standards and procedures in order to be able to take effective preventive and investigative action. These should include: policies on sexual harassment and sexual exploitation and abuse; policies on whistleblowing/protection against retaliation; and complaints, disciplinary and investigative mechanisms. In line with this, sub-parties will and will require that their respective sub-parties will take all appropriate measures to:

   (i) Prevent its employees, agents or any other persons engaged to perform any services under this Project Document, from engaging in SH or SEA;

   (ii) Offer employees and associated personnel training on prevention and response to SH and SEA, where sub-parties have not put in place its own training regarding the prevention of SH and SEA, sub-parties may use the training material available at UNDP;

   (iii) Report and monitor allegations of SH and SEA of which any of the sub-parties have been informed or have otherwise become aware, and status thereof;

   (iv) Refer victims/survivors of SH and SEA to safe and confidential victim assistance; and

   (v) Promptly and confidentially record and investigate any allegations credible enough to warrant an investigation of SH or SEA. Each sub-party shall advise UNDP of any such allegations received and investigations being conducted by itself or any of its sub-parties with respect to their activities under the Project Document, and shall keep UNDP informed during the investigation by it or any of such sub-parties, to the extent that such notification (i) does not jeopardize the conduct of the investigation, including but not limited to the safety or security of persons, and/or (ii) is not in contravention of any laws applicable to it. Following the investigation, the relevant sub-party shall advise UNDP of any actions taken by it or any of the other entities further to the investigation.

e. Each sub-party shall establish that it has complied with the foregoing, to the satisfaction of UNDP, when requested by UNDP or any party acting on its behalf to provide such confirmation. Failure of the relevant sub-party to comply of the foregoing, as determined by UNDP, shall be considered grounds for suspension or termination of the Project.

f. Each responsible party, subcontractor and sub-recipient will ensure that any project activities undertaken by them will be implemented in a manner consistent with the UNDP Social and Environmental Standards and shall ensure that any incidents or issues of non-compliance shall be reported to UNDP in accordance with UNDP Social and Environmental Standards.

g. Each responsible party, subcontractor and sub-recipient will take appropriate steps to prevent misuse of funds, fraud, corruption or other financial irregularities, by its officials, consultants, subcontractors and sub-recipients in implementing the project or programme or using the UNDP funds. It will ensure that its financial management, anti-corruption, anti-fraud and anti money laundering and countering the financing of terrorism policies are in place and enforced for all funding received from or through UNDP.

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h. The requirements of the following documents, then in force at the time of signature of the Project Document, apply to each responsible party, subcontractor and sub-recipient: (a) UNDP Policy on Fraud and other Corrupt Practices (b) UNDP Anti-Money Laundering and Countering the Financing of Terrorism Policy; and (c) UNDP Office of Audit and Investigations Investigation Guidelines. Each responsible party, subcontractor and sub-recipient agrees to the requirements of the above documents, which are an integral part of this Project Document and are available online at www.undp.org.

i. In the event that an investigation is required, UNDP will conduct investigations relating to any aspect of UNDP programmes and projects. Each responsible party, subcontractor and sub-recipient will provide its full cooperation, including making available personnel, relevant documentation, and granting access to its (and its consultants', subcontractors' and sub-recipients') premises, for such purposes at reasonable times and on reasonable conditions as may be required for the purpose of an investigation. Should there be a limitation in meeting this obligation, UNDP shall consult with it to find a solution.

j. Each responsible party, subcontractor and sub-recipient will promptly inform UNDP as the Implementing Partner in case of any incidence of inappropriate use of funds, or credible allegation of fraud, corruption other financial irregularities with due confidentiality.

   Where it becomes aware that a UNDP project or activity, in whole or in part, is the focus of investigation for alleged fraud/corruption, each responsible party, subcontractor and sub-recipient will inform the UNDP Resident Representative/Head of Office, who will promptly inform UNDP's Office of Audit and Investigations (OAI). It will provide regular updates to the head of UNDP in the country and OAI of the status of, and actions relating to, such investigation.

   UNDP will be entitled to a refund from the responsible party, subcontractor or sub-recipient of any funds provided that have been used inappropriately, including through fraud corruption or other financial irregularities, or otherwise paid other than in accordance with the terms and conditions of the Project Document. Such amount may be deducted by UNDP from any payment due to the responsible party, subcontractor or sub-recipient under this or any other agreement.

   Where such funds have not been refunded to UNDP, the responsible party, subcontractor or sub-recipient agrees that donors to UNDP (including the Government) whose funding is the source, in whole or in part, of the funds for the activities under this Project Document, may seek recourse to such responsible party, subcontractor or sub-recipient for the recovery of any funds determined by UNDP to have been used inappropriately, including through fraud, corruption or other financial irregularities, or otherwise paid other than in accordance with the terms and conditions of the Project Document.

   Note: The term "Project Document" as used in this clause shall be deemed to include any relevant subsidiary agreement further to the Project Document, including those with responsible parties, subcontractors and sub-recipients.

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k. Each contract issued by the responsible party, subcontractor or sub-recipient in connection with this Project Document shall include a provision representing that no fees, gratuities, rebates, gifts, commissions or other payments, other than those shown in the proposal, have been given, received, or promised in connection with the selection process or in contract execution, and that the recipient of funds from it shall cooperate with any and all investigations and post-payment audits.

l. Should UNDP refer to the relevant national authorities for appropriate legal action any alleged wrongdoing relating to the project or programme, the Government will ensure that the relevant national authorities shall actively investigate the same and take appropriate legal action against all individuals found to have participated in the wrongdoing, recover and return any recovered funds to UNDP.

m. Each responsible party, subcontractor and sub-recipient shall ensure that all of its obligations set forth under this section entitled “Risk Management” are passed on to its subcontractors and sub-recipients and that all the clauses under this section entitled “Risk Management Standard Clauses” are adequately reflected, *mutatis mutandis*, in all its sub-contracts or sub-agreements entered into further to this Project Document.

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X. ANNEXES

1. **Project Quality Assurance Report (done online reference ASM-02981)**

2. **Social and Environmental Screening Template: Not required for this kind of project** (*The SES Screening is not required for projects in which UNDP is Administrative Agent only and/or projects comprised solely of reports, coordination of events, trainings, workshops, meetings, conferences, preparation of communication materials, strengthening capacities of partners to participate in international negotiations and conferences, partnership coordination and management of networks, or global/regional projects with no country level activities).*

3. **Risk Analysis**.

4. **Capacity Assessment:** Results of capacity assessments of Implementing Partner (including Partner Capacity Assessment Tool (PCAT) and HACT Micro Assessment): Not applicable

5. **TORs of key management positions: Same as previous phases.**

6. **On-Granting Provisions Applicable to the Implementing Partner.** Not Applicable

7. **Delegation of Authority and Lebanon's renewal request for IS XIII**

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ANNEX 3: OFFLINE PROJECT RISK REGISTER TEMPLATE

Project Title: Institutional Strengthening Project for the implementation of Montreal Protocol in Lebanon (Phase XIII)	**Project Number: 01001613**	**Date: 04-Jan-24**

.	Event	Cause	Impact(s)	Risk Category and Sub-category *(including Risk Appetite)*	Impact, Likelihood & Risk Level *(see Annex 3 Risk Matrix)*	Risk Valid From/To	Risk Owner *(individual accountable for managing the risk)*	Risk Treatment and Treatment Owner
1	There is a risk of political instability and security situation in the country	Government is a caretaker and security situation in the country	The inability of the government to operate affects the implementation of the project activities	**8. SAFETY AND SECURITY (8.2. Political instability) - UNDP Risk Appetite: CAUTIOUS**	Likelihood: **4 - Highly likely** Impact: **4 - Extensive** Risk level: **SUBSTANTIAL (equates to a risk appetite of OPEN)**	From: 01-Jun-24 To: 31-Dec-27	Mazen Hussein	Risk Treatment 1.1: Modifications in the project daily activities and plans and close coordination with the government Risk Treatment Owner: Mazen Hussein
2	There is a risk of delay in enactment of regulations	Limited cooperation and engagement of partners	The effective controls of HCFCs which will not be in place and may lead to non-compliance with provisions of ExCom agreement	**3. OPERATIONAL (3.5. Partners' engagement) - UNDP Risk Appetite: EXPLORATORY TO OPEN**	Likelihood: **1 - Not likely** Impact: **5 - Extreme** Risk level: **SUBSTANTIAL (equates to a risk appetite of OPEN)**	From: 01-Jun-24 To: 31-Dec-27	Mazen Hussein	Risk Treatment 2.1: Close and regular coordination between UNDP and government (MoE) Risk Treatment Owner: Mazen Hussein

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.	Event	Cause	Impact(s)	Risk Category and Sub-category *(including Risk Appetite)*	Impact, Likelihood & Risk Level *(see Annex 3 Risk Matrix)*	Risk Valid From/To	Risk Owner *(individual accountable for managing the risk)*	Risk Treatment and Treatment Owner
3	There is a risk of delay in implementation of enterprise level conversions	Availability of Technology and high cost guidelines agreement with the MLF	HFC phase-down at enterprise – level and may not take place as planned	**3. OPERATIONAL (3.8. Capacities of the partners) - UNDP Risk Appetite: EXPLORATORY TO OPEN**	Likelihood: **1 - Not likely** Impact: **4 - Extensive** Risk level: **SUBSTANTIAL (equates to a risk appetite of OPEN)**	From: 01-Jun-24 To: 31-Dec-27	Mazen Hussein	Risk Treatment 3.1: Improved project management through regular monitoring of enterprise – level activities Risk Treatment Owner: Mazen Hussein
4	There is a risk of delay in availability of alternative technologies …	Limited availability of technology of HFCs alternatives mainly in the Air Conditioning sector	HFC phase-down at enterprise – level and may not take place as planned	**3. OPERATIONAL (3.8. Capacities of the partners) - UNDP Risk Appetite: EXPLORATORY TO OPEN**	Likelihood: **1 - Not likely** Impact: **4 - Extensive** Risk level: **SUBSTANTIAL (equates to a risk appetite of OPEN)**	From: 01-Jun-24 To: 31-Dec-27	Mazen Hussein	Risk Treatment 4.1: Regular consultations with UNDP technical experts and closely monitoring technology developments Risk Treatment Owner: Mazen Hussein

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ANNEX 7: DOA and IS XIII submitted proposal

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United Nations Development Programme

08 December 2023

Dear Ms. Hauenstein,

Subject: Project approved at the 92nd Meeting of the Executive Committee of the Multilateral Fund for the Implementation of the Montreal Protocol

We are pleased to inform you that the following project was approved for Lebanon at the 92nd Meeting of the Executive Committee of the Multilateral Fund for the Implementation of the Montreal Protocol held in June 2023.

MLF Reference No.*	Project Title	Funding (US$)
LEB/SEV/92/INS/100	Extension of institutional strengthening project [Phase XIII 8/2023-7/2026]	410,926

Note: * Please indicate this reference number in the cover sheet of the project document and in the Quantum short project title

1. Implementation Modality: We are suggesting that this project be implemented through the National Implementation Modality (NIM).

2. Project Document Format: We are attaching herewith the Lebanon renewal request as approved. It is important to annex this document, without any change, to the project document that will be signed between UNDP and the Government.

3. Review of Draft Project Document: Please ensure that the draft UNDP Project Document is shared with the MPU/Chemicals' representative i Bangkok Regional Hub, Mr. Anderson Alves, email: Anderson.alves@undp.org Or Ms. Xin He, email: Xin.he@undp.org for review and input before signature.

4. MLF Gender Mainstreaming Requirements:
ExCom Decision 84/92 approved an Operational Policy on Gender Mainstreaming for Multilateral Fund-supported projects, thereby affirming the importance of gender mainstreaming in MLF-supported projects. The policy on gender mainstreaming will be applied throughout the MLF project cycle, beginning with projects that were approved at the 85th ExCom Meeting in May 2020. UNDP MLF reporting formats have been revised to ensure a gender-responsive approach to UNDP MLF projects. It is important to collect more and better sex-disaggregated data, especially on participation in meetings and trainings as information on the number of male and female participants in project meetings will be requested by the MLF. Please also ensure that your gender focal points and/or other gender experts are consulted during the project design and implementation phases and that gender-responsive human resource management processes are undertaken.

5. Entering the Budget in Quantum: Your office is requested, based on the approved project document, to enter the project, award budget and funding in Quantum using the Annual Work Plan, attached.

Ms. Melanie Hauenstein
UNDP Resident Representative
UNDP Lebanon
Beirut, Lebanon

cc: Abdallah Al Dardari, Director of the UNDP Regional Bureau for Arab States (RBAS)
Marina Walter, Deputy Regional Director for Arab States (RBAS)

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6. Budget Revisions: In case there is a need to shift funds between budget categories, please consult with the MPU/Chemicals' representative in Bangkok Regional Hub, Mr. Anderson Alves, email: Anderson.alves@undp.org Or Ms. Xin He, email: Xin.he@undp.org, as in certain cases, the Multilateral Fund will have to be consulted prior to approving of such shifts.

7. Support Costs: The General Management Support Services (GMS) fee received by UNDP in relation to these projects is managed centrally at BPPS and should NOT be part of the project budget. **The support cost rate approved by the donor is 7% for this project. Accordingly, in Quantum, please set the Burdening Rate in the Award Budget at 7% by selecting Montreal P.Trust Fund 7% option**. GMS at the internal distribution rate approved effective January 2016 covering management support rendered by your office will be credited to your Cost Centre income account based on delivery. Direct Project Costs, formerly Implementation Support Services (ISS) may be charged to the project budget using the Universal Price List.

8. Government Counterpart: Just as a reminder, kindly note that the National Ozone Focal Point in your country is Ms. Nancy Khoury, Email: n.khoury@moe.gov.lb while she may not be the one to sign the project document on behalf of the Government, kindly make sure that she is copied on all correspondence related to this project.

9. Over-Expenditures: We wish to remind you that over-expenditures are not allowed in Montreal Protocol projects. Please therefore ensure that total expenditures never exceed the total budget.

Based on the above, we request you to kindly finalize the project documentation and create the Project/Award Budget/Funding in Quantum. Once the project document is signed, please send an electronic copy to the MPU/Chemicals' representative in in Bangkok Regional Hub, Mr. Anderson Alves, email: Anderson.alves@undp.org Or Ms. Xin He, email: Xin.he@undp.org with a request for ASL.

Thank you very much for your partnership in the implementation of this important programme, which falls under the UNDP Strategic Plan 2022-2025 **IRRF Signature Solution 4, Output 4.1.2 –** Sustainable use of natural resources to enhance productivity and livelihoods.

Yours sincerely,

DocuSigned by:
Xiaofang Zhou
4AD83B1FC04D4C4...

Xiaofang Zhou
Director
Chemicals and Waste Hub
Bureau for Policy and Programme Support

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United Nations Development Programme

Attachment: Annual Work Plan

Output (Project) ID 00077655
MLF reference LEB/SEV/92/INS/100
Project Title Extension of the institutional strengthening project (phase XIII: 7/2024-6/2027)
Executing Agency UNDP/Ministry of Environment

Atlas activity	Responsible Party	Source of Funds	Donor	Expenditure Type	Expenditure Description	2024	2025	2026	2027	Total (USD)	Cost Center	Operating Unit	Funding Code	Responsible Party	Donor Code
Distribution task number 7: IS Phase XIII Extension of the Institutional strengthening project (phase XIII: 7/2024-6/2027)	UNDP/Ministry of Environment	63030	010009	71400	Contractual Services - Individuals	50,000	100,000	101,500	51,000	302,500	45605	LBN	63030	001981	010009
		63030	010009	71600	Travel	-	-	-	-	-	45605	LBN	63030	001981	010009
		63030	010009	72200	Equipment and Furniture	1,000	1,000	1,000	1,000	4,000	45605	LBN	63030	001981	010009
		63030	010009	72300	Materials and Goods	1,000	1,000	1,000	1,000	4,000	45605	LBN	63030	001981	010009
		63030	010009	72500	Supplies	3,000	3,000	3,000	3,000	12,000	45605	LBN	63030	001981	010009
		63030	010009	72800	Information Technology Equipme	3,500	2,500	2,500	3,500	12,000	45605	LBN	63030	001981	010009
		63030	010009	73400	Rental & Maint of Other Equip	3,000	3,000	3,000	3,000	12,000	45605	LBN	63030	001981	010009
		63030	010009	74210	Printing and Publications	6,000	6,000	6,000	6,000	24,000	45605	LBN	63030	001981	010009
		63030	010009	74225	Other Media Costs	3,000	4,000	3,000	3,000	13,000	45605	LBN	63030	001981	010009
		63030	010009	74500	Miscellaneous	3,000	3,300	3,326	3,000	12,625	45605	LBN	63030	001981	010009
		63030	010009	75700	Learning Cost	2,200	2,200	2,200	2,200	8,800	45605	LBN	63030	001981	010009
		63030	010009	64397	Direct Project Costing (UPL)	1,500	1,500	1,500	1,500	6,000	45605	LBN	63030	001981	010009
				Total budget		79,224	127,500	128,026	78,200	410,925					

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TERMINAL REPORT AND REQUEST FOR EXTENSION OF INSTITUTIONAL STRENGTHENING FUNDING

FOR LEBANON

FOR April 2023 - March 2026

Instructions:

Please note that 1 to 15 should be completed by the country concerned before submission to the implementing agency for comments in 16.

PART I: Overview of IS project and NOU

1. Country: **LEBANON**

2. Name of the ministry/institution where the ozone unit is attached: **Ministry of Environment**

3. Implementing agency: **UNDP**

4. Institutional strengthening (IS) project phases (approved) (list only the last two approvals[1])

Phase	Approved period (mm/yy)	Actual implementation period (dd/mm/yy)	Multilateral Fund funding (approved)	Multilateral Fund funding (disbursed)
Phase-XI	2 Years (April 2019 – March 2021)	1 October 2019 – 31 October 2021	$ 198,515.00	US$ 198,515.00
Phase-XII	2 Years (April 2021 – March 2023)	01 April 2021 - 31 March 2023	$ 198,515.00	US$ 78,064.51*
* *Expenditure up to 31 March 2023. The amount of US$ 198,515.00 is obligated to be disbursed by the end of this phase.*				

5. IS reporting period and requested phase:

   a) Reporting period (mm/yy to mm/yy): April 2021 - March 2023

   b) Requested phase (indicate number): Phase-XIII

   c) Funding Amount (US $): US$ 410,926.05

   d) Period of implementation for requested phase mm/yy to mm/yy: August 2023 - July 2026

6. Data reporting:

Reporting requirement	Most recent year reported	Date submitted
Article 7	2021	13-10-2022
Country programme data	2021	23-04-2022

7. Institutional Arrangements:

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a) Briefly describe the role and position of the National Ozone Unit (NOU) within the national government, and the integration of the Montreal Protocol implementation into the government plans[2]

The National Ozone Unit (NOU) is the National Office responsible for coordinating, monitoring and implementing of all Montreal Protocol activities including ODS Phase-out and HFC phase down in Lebanon. The objective of the NOU is to assist the Ministry of Environment to effectively and efficiently phase-out ODS and phase down HFC, adopt policies and regulations, monitor procedures, and oversee the projects and programmes specified under the context of the country programme in order for the government of Lebanon to meet the commitments under the Montreal Protocol obligations. It oversees the implementation of the HCFC phase-out management plan (HPMP Stage-I and II), the NOU also undertakes monitoring of a limited number of activities relating to HFC phase-down projects within the existing resources (ODS alternatives survey project, KCEP projects, Enabling Activities project, etc).

The NOU is supervised jointly by the Minister of Environment's office and UNDP Country Office. The implementation of NOU's activities is managed in close cooperation with the National Focal Point appointed by the Ministry. The NOU regularly seeks the advice of representatives from governmental authorities, NGOs, the private sector and academia.

Due to the exposure that the NOU has at the national level and with different actors, the NOU plays a major role in contributing to network building of the Ministry of Environment. The purpose of this activity is to have the Ministry properly represented on occasions that contribute to the national environmental planning in the country and mainstreaming the Ministry Doctrine to public and private sector institutions.

b) What is the modality of implementation of the IS project in your country?

Through an agreement or project document signed with the Implementing Agency

*Items below will appear in the drop-down menu for this question:
☒ Through an agreement or project document signed with the Implementing Agency
☐ Through direct contracts between the IA and suppliers
☐ Other (please specify below)

If other, please briefly describe modality of implementation selected above:

c) Who approves the programme of work and supervises the NOU?

National government

*Items below will appear in the drop-down menu for this question:
☒ The national government and UNDP as the implementing agency
☐ The implementing agency
☐ Other (please specify below)

If other, please specify and describe below:

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d) Is there a National Ozone Steering Committee (Steering Committee) or similar advisory committee in the country?

☒ YES ☐ NO

If YES, please describe the role and members of the National Ozone Steering Committee?

An unofficiall advisory committee represented by members from industries, importers, MoI, Customs and other governmental bodies and institutions who assist and give advice when needed to the HPMP team and the NOU on the strategies of the implementation of the activities during the workshops and meeting that are organised throughout the year..

If NO, please describe who advises the NOU to implement their mandate?

8. Indicate the total number staff in the NOU: 5 (A total of Four are funded by MP project's budget)

a) How many are funded under the IS? _____ Full time _____ Part time

b) How many are funded directly by the Government budget as regular staff? 1 Full time _____ Part time

c) Please indicate the gender composition of the NOU staff _____ Male 1 Female

d) Is the unit fully staffed? ☒ YES ☐ NO

If NO, please explain the reasons below:

9. Indicate the NOU/Project Management Unit (PMU) modality in the country by responding to the following:

a) Does your country have a dedicated PMU for the HPMP or other project implementation?

☒ YES ☐ NO

0

b) What is the role of the NOU[3] in the implementation of HPMP/other phase out or phase down plans implementation?

Supervise PMU and work plan

*Items below will appear in the drop-down menu for this question:
☒ Supervise PMU and work plan
☐ Coordinate with the PMU, no supervision role
☐ Implement the HPMP activities
☐ Other (please specify below)

If other, please specify and describe below:

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Part II. Progress report and activities for requested phase

10. Please provide details on the status of the implementation of the activities approved from the current IS phase and planned activities for the requested phase. Components or elements may be indicated as n/a if it is not applicable, and if so, please include an explanation. Please add a row if necessary to include another component which reflects the national situation. Please note the specific performance indicators for each objective in Part III.

Components or elements	**Activities carried out in current reporting period**	**Outputs achieved for reporting period (phase XII 04/21-/01/23)**	**Planned activities in next phase (phase XIII 08/23 -07/26)**	**Expected outputs to be achieved for next phase**
Objective 1: Adoption/implementation of legislation and regulation to control and monitor the imports and use of Montreal Protocol controlled substances				
Amendments to national policies and regulations to include provisions required by the Kigali Amendment	▪ *Amendment of the existing ODSs legislations to accommodate HFCs as controlled substances (New ministerial decisions were issued).*	▪ *The licensing decree is in operation since April 2016 and relevant ministerial decisions were issued in relations to quotas of HCFCs and HFCs to importers for the year 2023 (Stage-II, March 2022).*	▪ *A review and analysis of the current ODS licensing system for Enforcement of the amended ODS licensing system and amend the licensing system to include HFCs (Stage-II, May 2023).* ▪ *Enforcement of the RAC servicing sector technician's mandatory certification in line with the requirements. (Stage-II, June 2023).* *An agreement to be signed with the Executive Committee for the phase-down strategy of HFCs (KIP).* ▪ *Workshops and meetings addressed to customs and importers addressing the new regulations and targets in relation to HFs and EE in cooling.*	▪ *Regulatory changes adopted and effective enforcement of Licensing Decree to achieve the reduction of HCFC consumption of 75% by 2024 and the control of imports of HFCs in the quota system for the year 2023 and beyond complying with the Kigali amendment guidelines.* ▪ *Control of the imports of HFCs under the KIP strategy.* ▪ *RAC servicing sector technician's mandatory certification system introduced into the Vocational school's structure.* ▪ *Capacity building of customs and*

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Components or elements	Activities carried out in current reporting period	Outputs achieved for reporting period (phase XII 04/21-/01/23)	Planned activities in next phase (phase XIII 08/23 -07/26)	Expected outputs to be achieved for next phase
				importers in line with the new regulations and targets.
Effective implementation and enforcement of the licensing and quota system for all Montreal Protocol controlled substances	*Quota system is operational and included the control of imports of HFCs*	*Ministerial decision for the inclusion of HFCs in the ODS licensing system and granted the quantities of imports to the importers*	*Enforcement of the Licensing system and issuance of quotas for the year 2024*	*Control of imports od ODSs and HFCs*
Enforcement of control measures to sustain the phase out of substances already achieved	▪ *Assistance provided to the legal department at MoE regarding the follow up on legislative issues, as well as the Customs for better enforcement of licensing system and quotas for HCFCs and reporting of HFCs.*	▪ *The ODS licensing system was amended to include the HFCs as controlled substances to be reported to MP (Stage-II, Feb 2022).* ▪ *Ministerial decision banning the use of R-141b in the foam manufacturing sector (Stage-II, Feb 2022).*	▪ *Continue monitoring the enforcement of the regulations and legislations, in coordination with relevant national stakeholders involved in trade of ODSs.* ▪ *Amendment of the existing Licensing system to include quota system for HFCs and their blends.* ▪ *Organize training of customs officers (15-25 personnel) as well as Importers of ODSs (30-45 personnel) (Stage-II, May-December 2023).*	▪ *Sustain CFC and HCFCs phase-out and monitor the equipment working on CFCs and HCFCs through the enforcement of the quotas and licensing system.* ▪ *Control of imports of HFCs under the Kigali amendment guidelines.* ▪ *Customs Officers trained on identification of imports of ODSs and their alternatives and mixtures of refrigerants, illegal trade, fraud shipments and the future implications of*

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Components or elements	Activities carried out in current reporting period	Outputs achieved for reporting period (phase XII 04/21-/01/23)	Planned activities in next phase (phase XIII 08/23 -07/26)	Expected outputs to be achieved for next phase
				Kigali Amendment as well the importers.
Institutional measures in place with relevant offices to effectively monitor potential illegal trade of controlled substances as applicable	▪ *. Complete control on the importation sector of ODSs. A total of 9 new customs officers trained on the new identifiers and procedures for combating illegal trade of ODSs and their alternatives. (May 2022). Importer's workshop was held in Sept 2022, ensuring the importance of fulfilment of the requirements of the quota system and the introduction of reporting HFCs in the coming year (23 registered importers).*	*Continue close coordination with concerned authorities in the country and capacity building of customs officers as well importers.*	▪ *Institutional measures to be in place with relevant governmental bodies (Mainly Customs) to effectively monitor potential illegal trade of controlled substances as applicable*	▪ *Continue close coordination with the concerned authorities, namely the Customs authorities, and coordination with network countries in the region/trade hubs during 2023 and 2024 and regional network meetings. Provision of ODS equipment/ new identifiers to the Customs, capacity building and training programmes addressed to Customs officials and Importers. (Stage-II, May-Dec 2023 and 2024.*

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Components or elements	Activities carried out in current reporting period	Outputs achieved for reporting period (phase XII 04/21-/01/23)	Planned activities in next phase (phase XIII 08/23 -07/26)	Expected outputs to be achieved for next phase
Enforcement of measures to control or ban the imports of RAC equipment or pre-blended polyols, if applicable	▪ *Measures for banning the equipment were planned for future years.*	▪ *None*	▪ *Banning the imports of RAC equipment working on HCFCs will be scheduled for 2025. Pre-blended polyol working with HCFCs is scheduled for 2024.*	▪ *Reduction of HCFCs consumption in the servicing sector.*
Ratification of Amendments to the Montreal Protocol	▪ *The Government of Lebanon ratified the Kigali amendment to the Montreal Protocol in April 2019.*	▪ *The entry into force of the Kigali Amendment in 2020 resulted in the approval of the funding of the preparation of the HFCs phase-down strategy plan in 2020.*	▪ *Awareness raising and capacity building to decision makers, governmental institutions, importers, associations, technicians, academia on the Linkages between UNFCCC and the Montreal Protocol in relation to Kigali amendment.* ▪ *Completion of the inventory on the users of HFCs (Manufacturing and servicing) in all sectors.*	▪ *Preparation of the KIP project (HFCs phase down management plan).* ▪ *Building the capacities of all stakeholders on the key provisions of Kigali amendment (Linkages between UNFCCC and Montreal Protocol as well to include energy efficiency protocols in future related activities. Adoption of the MEPS and standards in coordination with the national government bodies.*
Objective 2: Accurate and timely data collection and reporting of consumption of all Montreal Protocol controlled substances				
Monitoring customs import/export data of controlled substances	▪ *The ODS Licensing System monitors the importation and exportation of*	▪ *Effective control of the importation/ exportation trends*	▪ *Update information of HCFC as well the HFCs users to monitor phase-out from 2015 to 2025 as well the HFCs.*	▪ *Accuracy of the database of ODS users/consumption/ importation in the*

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Components or elements	Activities carried out in current reporting period	Outputs achieved for reporting period (phase XII 04/21-/01/23)	Planned activities in next phase (phase XIII 08/23 -07/26)	Expected outputs to be achieved for next phase
	ODSs in and outside the country.	*of ODSs maintained.* ▪ *Coordination with the Customs Authorities on the amendment of HS codes if needed.*	▪ *Update information databank and produce reports on the consumption/importation of HCFCs and HFCs (2021and 2022).*	*country to facilitate ODS phase-out monitoring and introducing ODS alternatives* ▪ *Compliance with the control guidelines of MP.*
Supporting effective and timely data collection for Article 7 and Country Programme data reporting	▪ *Annual Reports on the consumption of ODS for the year 2020 & 2021 developed and submitted to the Ozone secretariat.* ▪ *Annual Reports on the Importation of ODS for the years 2020 & 2021 developed and to be submitted to the MLF secretariat.*	▪ *Report to the Ozone Secretariat submitted on time September 2020 and August 2021.* ▪ *Report to the MLF Secretariat submitted on time Progress reports on the implementation of the country programme were prepared and submitted in April 2020 and May 2021 to the MLF secretariat.*	▪ *Timely submission of Annual Reports on the Consumption/Importation of ODS for the years 2022& 2023 (Reports will be submitted in this phase).*	▪ *A7 Reports prepared and submitted to the Ozone Secretariat on a timely basis (before 30 April for the years 2022 and 2023).* ▪ *Progress report on CP implementation reports prepared and submitted to the MLF Secretariat are submitted on a timely basis. (Before 30 May for the years 2022 and 2023).*
Supporting data reporting requirements for HFCs and blends under the Kigali Amendment and monitoring the country compliance in ODP tonnes and CO2-eq tonnes	▪ Annual Reports on the consumption of HFCs for the year 2020 & 2021 prepared and submitted to the Ozone secretariat. ▪ Annual Reports on the Importation of	▪ Report to the Ozone Secretariat submitted on time September 2020 and August 2021. ▪ Report to the MLF Secretariat submitted on time	▪ Timely submission of Annual Reports on the Consumption/Importation of HFCs for the years 2022& 2023 (Reports will be submitted in this phase).	▪ A7 Reports prepared and submitted to the Ozone Secretariat on a timely basis (before 30 April for the years 2022 and 2023). ▪ Progress report on CP implementation reports prepared and

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Components or elements	Activities carried out in current reporting period	Outputs achieved for reporting period (phase XII 04/21-/01/23)	Planned activities in next phase (phase XIII 08/23 -07/26)	Expected outputs to be achieved for next phase
	HFCs for the years 2020 & 2021 prepared and to be submitted to the MLF secretariat.	▪ Progress reports on the implementation of the country programme were prepared and submitted in April 2020 and May 2021 to the MLF secretariat.		submitted to the MLF Secretariat are submitted on a timely basis. (Before 30 May for the years 2022 and 2023).
Objective 3: Efficient coordination between national agencies/stakeholders to support the objectives of the Montreal Protocol				
Establishment/enhancement of inter and intra-governmental cooperation mechanisms particularly for the implementation of the Kigali Amendment	▪ Strengthen the cooperation with the various stakeholders.	▪ Liaison with the government institutions, Semi-governmental Institution (IRI), industrial sector, and NGOs (ongoing).	▪ Maintain the existing cooperation with the various national stakeholders.	▪ The NOU effectively directs the IS and other ODS phase-out related projects in the country and ensures that the project achievements are in line with the ISP and other projects requirements. ▪ Information/network is maintained among different agencies for effective policy and decision making on ODS particularly related to HPMPs and the future HFCs phase down plan (KIP).
Facilitation of agreements with stakeholders and partners (i.e., RAC associations, industry, and government) to efficiently	▪ Cooperation strengthened with various industry and technical	▪ Close partnership with the importers and suppliers of refrigerants and	▪ Maintain the existing cooperation with various national associations and relevant industry stakeholders.	▪ The network between NOU/MoE and the industrial sector, governmental and

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Components or elements	Activities carried out in current reporting period	Outputs achieved for reporting period (phase XII 04/21-/01/23)	Planned activities in next phase (phase XIII 08/23 -07/26)	Expected outputs to be achieved for next phase
implement the Montreal Protocol projects and other requirements	associations, namely the Industrial Research Institute (IRI), Industrial associations and Industrial NGOs. ▪ Coordination improved with various implementing agencies, donors etc.	refrigeration accessories, as well as the refrigeration experts maintained. ▪ Close partnership with HCFCs and HFCs importers maintained. ▪ Technical meetings on HCFCs alternatives in different sectors organized (July and Sept 2021-and 2022). ▪ Technical advice and information to RAC end-users provided through a close follow-up with the enterprises (ongoing).	▪ Two coordination meeting with refrigeration and air conditioning association and importers of equipment. ▪ Consultations ongoing with the Ministry of Education to enforce the updated curricula of the air-conditioning and refrigeration in vocational schools in Lebanon. (Dec. 2023).	non-governmental authorities is maintained. ▪ The partnership with the manufacturers in the refrigeration/air conditioning sectors is maintained for effective implementation of HPMP and future KIP. ▪ The KIP PRP project for the preparation of the HFCs phase-down plan is undergoing and expected to submit the KIP Stage-I project to the 93rd ExCom meeting in August 2023. ▪ New amended curricula proposals introduced for vocational schools.
Objective 4: Supervision of timely implementation of HCFC phase out/HFC phase down activities and the resulting reduction in consumption of controlled substances				
Overall coordination of planned projects and expected outputs for approved and ongoing national plans	▪ At the 75th ExCom in Nov 2015, HPMP Stage-II was submitted and approved (Decision 75/85).	▪ Project activities starting July/Aug 2016. The decree was officially issued by the government in April 2016.	▪ Continue monitoring/ supervising the Implementation of HCFCs phase-out investment components (foam and air conditioning sector), and the SWH enterprises) as well implementation of activities as	▪ Compliance of Lebanon with the 2025 control targets (the reduction of HCFCs consumption

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Components or elements	Activities carried out in current reporting period	Outputs achieved for reporting period (phase XII 04/21-/01/23)	Planned activities in next phase (phase XIII 08/23 -07/26)	Expected outputs to be achieved for next phase
	Implementation of Investment projects were initiated in the foam and air-conditioning sectors. ▪ Capacity building and technical assistance provided to the different sectors (Foam, Air-conditioning and refrigeration).	Moreover, the logistics were finalized, and implementation of the project activities started. All manufacturing enterprises in the foam and air-conditioning sector were completed, accordingly no consumption of HCFCs is reported since the year 2021. This conversion contributed to the reduction of HCFCs baseline level by 44.4 ODP tons. ▪ Total phase-out of HCFCs consumption/use in the manufacturing sectors (Air-conditioning, Foam and Solar water and electric heaters. ▪ Work plan for the RAC servicing sector is prepared, teachers were trained abroad (3 teachers) and plan for training of technicians was	planned in the RAC service sector. The IS role is to supervise the PMU under the context of the HPMP project and would not duplicate the PMU tasks. ▪ Implementation of the Work plan for the RAC servicing sector. Training of the teachers abroad (2) and 150-200 technicians during the year 2023. ▪ Submission of a demo project for the phase-out of HFCs in commercial refrigeration sector.	of 75% from the baseline level). ▪ The skills and knowledge of the RAC servicing technicians is enhanced.

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Components or elements	Activities carried out in current reporting period	Outputs achieved for reporting period (phase XII 04/21- /01/23)	Planned activities in next phase (phase XIII 08/23 -07/26)	Expected outputs to be achieved for next phase
		deferred due to the political situation in Lebanon. The third RAC centre was completed and is now operational since September 2020.		
Facilitation of timely review and submission of tranches/new stages/individual projects	▪ The preparations for the submission of the IS Phase-XIII to the 92 ExCom meeting for funding. ▪ The preparations for the submission to the MLF for the release of funds of the HPMP Stage-II Tranche-4. ▪ The preparations for the submission of the project proposal for the HPMP Stage-III to the MLF for funding. ▪ Implementation of the activities related to the HFCs phase-down PRP strategy.	The outputs achieved will be in 2023	▪ Project proposal to be submitted to the MLF for funding (92nd ExCom 2023). ▪ Proposal to be submitted to the MLF for releasing the funds (92nd ExCom 2023). ▪ Proposal to be submitted to the MLF for funding (93rd ExCom 2023). ▪ Completion of the inventory/survey of the HFCs users and consumption in all sectors	▪ The outputs of the survey will be used to update the data available in implementing the future HFC projects and other HFC phase-out plans. ▪ Development of the KIP (HFCs phase-down strategy plan).

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Components or elements	Activities carried out in current reporting period	Outputs achieved for reporting period (phase XII 04/21-/01/23)	Planned activities in next phase (phase XIII 08/23 -07/26)	Expected outputs to be achieved for next phase
Objective 5: Promoting awareness raising and information exchange on relevant issues of the Montreal Protocol				
Raising awareness based on assessment of information needs for the general public and for specific sectors to support implementation of Multilateral Fund projects	▪ Review of the awareness outreach programme.	▪ Dissemination of awareness materials to schools, universities, public libraries, and NGOs carried out. ▪ Organized 2 workshops for importers on January 27, 2022 (11 importer attendees) and on October 7, 2022 (25 importer attendees). ▪ Dissemination of 1845 copies of the Sun Safe activity book (total of 37,000 copies were already distributed). ▪ Distribution of 100 RAC sector servicing guidebook to vocational school students (total of 400 copies were already distributed). ▪ Working on the production of the RAC guidebook in Arabic. ▪ Developed series of social media posts.	▪ Conduct 3 workshops: 1 for customs and 2 for importers. ▪ Conduct training programme for RAC technicians (150-200 technicians). ▪ Opening event of the RAC centre at Bakhoun vocational school. ▪ Distribution of 200 RAC sector servicing guidebook to students, teachers, and technicians. ▪ Dissemination of the Sun Safe Guide activity book to public libraries, schools and NGOs (approx. 2500 copies). ▪ Improving kids' awareness on being sun safe and protecting the ozone layer through the collaboration with kids' theatre/play, NGOs, schools and public libraries. ▪ Production of a short, animated video to raise awareness on the Ozone Layer and the health risks due to over exposure to the sun. ▪ Production of material related to HFCs alternatives in the cooling sector. ▪ Development of series of factsheets and infographics related to the impact of our work on the converted industries and our collaboration with the importers. ▪ Develop series of social media posts.	▪ Awareness on Ozone Protection and its linkage to Climate Change (focusing on the HCFCs and HFCs issues) as well energy efficiency at the national level is increased. - Academic - Industries - Technicians - Students - Teachers - Stakeholders - NGOs - Public Libraries ▪ This will give a wide exposure of the public to the activities in the country on the Montreal Protocol activities in the country.

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Components or elements	Activities carried out in current reporting period	Outputs achieved for reporting period (phase XII 04/21-/01/23)	Planned activities in next phase (phase XIII 08/23 -07/26)	Expected outputs to be achieved for next phase
Consultation with stakeholders in development of a plan for communication and awareness	▪ Individual meetings were set with all stakeholders for developing awareness raising targeting the RAC technicians and vocational schools.	▪ Developed and disseminated a documentary on the RAC centre at Dekwaneh vocational school to raise awareness on the training of students and technicians on the latest technologies dealing with HCs refrigerants.	▪ Development of Training manuals to RAC technicians and students. ▪ Development of series of social media posts, fact sheets, and infographics.	▪ Reduction of ODSs consumption in RAC servicing sector. ▪ Upgrading the capacities of the vocational schools (teachers and students) as well technicians in the market on the alternative technology, namely HCs.
Organizing celebration of World Ozone Day	▪ Work with the government institutions and private sectors to achieve responsible behaviour towards cleaner environment.	▪ The RAC centre documentary was launched on UNDP social media channels on September 16 on the World Ozone Day 2022. ▪ Developed a press release on the WOD and the national ozone unit achievements throughout the years.	▪ Organize International Ozone Day celebration with other activities and strengthen partnership with the private sector. ▪ Develop media material and press release dissemination on the occasion of the World Ozone Day 2023 (16 September). ▪ Launching of the new short, animated video.	▪ Resources and opportunities for raising awareness on Ozone Protection (Industrial and Private Sector) enhanced.
Objective 6: Regional cooperation and participation in Montreal Protocol meetings				
Participation in the regional network meetings to provide continuity and institutional capacity building	▪ Participated in West Asia Network 2022 meeting for NOUs	▪ Provided inputs on technology and policy issues mainly related to KA as	▪ Participate in network meetings (Performance indicator). ▪ Contributing to West Asia Network through coordination with West Asia	▪ Inputs to regional stakeholders on policy issues relating to MP

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Components or elements	Activities carried out in current reporting period	Outputs achieved for reporting period (phase XII 04/21-/01/23)	Planned activities in next phase (phase XIII 08/23 -07/26)	Expected outputs to be achieved for next phase
	and Thematic technical and coordination meeting on the development and adoption of standards as required under the Kigali amendment of the Montreal Protocol that was held in Dubai-UAE, 11-16 Sept. 2022.	well standards during the meeting and understood key aspects that need to be addressed during the ExCom and the MOP, meetings in 2022.	parties targeting mainly activities under the context of HPMP and other related activities mainly Kigali (HFCs Phase-down strategies), standards and EE in the RAC sector.	implementation specifically on HCFC and HFCs phase-out are provided. ▪ Effective data reporting, particularly on illegal trade, for successful implementation of HPMP activities are maintained as well HFCs phase down activities and introducing the interim HS codes for HFCs.
Encouraging country participation at Open-ended Working Group / Meeting of the Parties.	▪ Participated in the main Montreal Protocol meetings in 2022 (The 32nd MOP (Montreal) and the, 90th and 91st ExCom meeting).	▪ Provided inputs on policy issues mainly related to KA as well HFCs cost effectiveness, starting date of HFCs phase-down etc. during the meeting and to follow on key aspects that need to be addressed during the coming MP meetings. ▪ Nomination of Lebanon for the membership of the Implementation Committee for the	▪ Participate in International events related to Montreal Protocol (MOP, OEWG, ImpCom and ExCom) during Phase XII & XIII (2023-2024).	▪ Lebanon's position on various issues articulated and MP related issues updated.

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Components or elements	Activities carried out in current reporting period	Outputs achieved for reporting period (phase XII 04/21- /01/23)	Planned activities in next phase (phase XIII 08/23 -07/26)	Expected outputs to be achieved for next phase
		years 2023 and 2024.		
Where possible, identify specific activities for cooperation with other countries in the network region on an issue of mutual interest	▪ Coordinated with the CAP programme on issues related to HS codes of HFCs, Standards and policy issues.	▪ The CAP first meeting that was held in 2022 after a long period of time gave the opportunity to West Asia countries to express the need for technical assistance related to KA, EE in cooling as well RAC standards.	▪ Issuance of HS codes for HFCs ▪ Standards related to EE in the RAC sector. ▪ Preparations for KIPs.	▪ Issuance of HS codes for HFCs for better control of imports and quota enforcement. ▪ Preparation of KIPs. ▪ Update on standards related to RAC.
Objective 7: Integration of MLF gender policy in implementation of the Montreal Protocol				
Encouraging consultations with stakeholders to mainstream gender into activities of Montreal Protocol activities	▪ The NOU encouraged all partners and stakeholders (Industries, vocational schools, servicing sector) in mainstreaming the participation of females in all activities related to the Montreal Protocol.	▪ Participation of 4 females from the importers side in the workshop organized. ▪ Participation of 3female teachers in the train the trainers workshop organized at the Bakhoun vocational school RAC center.	▪ Organize a training programme for 2 female teachers (Train the trainers) in Germany (Organized by GIZ).	▪ Mainstreaming gender in the RAC sector which will encourage female students to register in RAC vocational education.
Integration of the MLF gender policy in project planning and implementation	▪ Gender mainstreaming was incorporated into all activities in the HPMP.	▪ Implement a training programme addressed to female teachers (Train-the-	▪ Awareness outreach with the Ministry of Education on opening opportunities for female students (Incentive programme).	▪ Opening of employment opportunities for women in the RAC technical fields.

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Components or elements	Activities carried out in current reporting period	Outputs achieved for reporting period (phase XII 04/21- /01/23)	Planned activities in next phase (phase XIII 08/23 -07/26)	Expected outputs to be achieved for next phase
		trainers programme).		
Aassessment of engagement from stakeholders and partners in mainstreaming gender into activities, where relevant	▪ The participation of females from the different stakeholders (industries, importers and RAC teachers) was very encouraging with big confidence.	▪ Assessment results showed that more time is needed for engagement knowing the difficulties encountered in this field.	▪ Engage the female teachers to encourage young female students for the RAC education in the vocational schools.	▪ Gender equality promoted in project activities.

Part III. Report on performance indicators and achievement of objectives

11. Please provide an assessment of the achievement of the objectives based on the performance indicators provided below and the activities reported in Part II. If all indicators are met the objective is achieved, if only some are met the objective is partially achieved, and if none are met the objective is not achieved.

Report on performance indicators and achievement of objectives					
Objective 1: Adoption/implementation of legislation and regulation to control and monitor Montreal Protocol controlled substances and equipment					
Indicator (where applicable)	**Assessment of indicator**				**Any remarks if applicable**
	Yes	**No**	**Ongoing**	**Not applicable**	
▪ Import control measures are in place for all controlled substances (and relevant equipment/products if applicable) as per the amendments ratified by the country	☒ ☒	☐ ☐	☐ ☐	☐ ☐	

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Report on performance indicators and achievement of objectives					
▪ Zero reported consumption of phased out substances; and imports of controlled substances consistent with issued quotas and permits ▪ Cooperation framework/joint activities between NOU and customs are in place ▪ Ratification of all Montreal Protocol amendments	☒ ☒	☐ ☐	☐ ☐	☐ ☐	
Assessment of objective 1:					
Please provide a brief assessment (2-3 lines) of the objective based on the indicators above and any other applicable factors. The assessment may include an indication whether the objective was achieved, partly achieved, or not achieved	The licensing system in place plays a pivotal role in the control of the imports of ODSs, as well the coordination with the customs resulted in the compliance of Lebanon with the MP guidelines over the many past years. This objective was achieved.				
Objective 2: Accurate and timely data collection and reporting of consumption of Montreal Protocol controlled substances					
Indicator (where applicable)	**Assessment of indicator**				**Any remarks if applicable**
	Yes	**No**	**Ongoing**	**Not applicable**	
• Timely submission of the CP data report by 1 May of each year • Timely submission of Article 7 data report by September 30 of each year • Regular coordination with customs to verify and cross-check import and export quotas and licenses issued for controlled substances (indicate frequency)	☒ ☒ ☒	☐ ☐ ☐	☐ ☐ ☐	☐ ☐ ☐	
Assessment of objective 2:					

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Report on performance indicators and achievement of objectives					
Please provide a brief assessment (2-3 lines) of the objective based on the indicators above and any other applicable factors. The assessment may include an indication whether the objective was achieved, partly achieved, or not achieved.	The data collection which is a regular activity that are done each year. The data is collected from the customs, importers and consumers. The coordination among those partners is very efficient which played a major role in the compliance process of the reporting requirements. This objective was fully achieved.				
Objective 3: Strengthening coordination between national agencies/stakeholders to support the objectives of the Montreal Protocol					
Indicator (where applicable)	**Assessment of indicator**				**Any remarks if applicable**
	Yes	**No**	**Ongoing**	**Not applicable**	
• Inter-ministerial coordination mechanism is established to harmonize domestic policy decisions in line with national regulations/legislation on MP controlled substances	☐	☐	☒	☐	
• Cooperation mechanisms in place between government and industry/RAC associations for coordinated efforts to implement HPMP/KIP and investment projects (where applicable)	☒	☐	☐	☐	
Assessment of objective 3:					
Please provide a brief assessment (2-3 lines) of the objective based on the indicators above and any other applicable factors. The assessment may include an indication whether the objective was achieved, partly achieved, or not achieved.	The NOU is strengthening the inter-ministerial coordination mechanisms through the development of the necessary decisions and decrees/laws related to the MP compliance procedures.				
Objective 4: Supervision of timely implementation of HCFC phase out/HFC phase down activities and the resulting reduction in consumption of controlled substances					
Indicator (where applicable)	**Assessment of indicator**				**Any remarks if applicable**
	Yes	**No**	**Ongoing**	**Not applicable**	

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Report on performance indicators and achievement of objectives					
▪ Regular meetings with project staff of HPMP and NOU	☒	☐	☐	☐	
▪ Tranches of HPMPs/KIPs and/or individual projects are submitted as per the approved schedule in the Agreement	☒	☐	☐	☐	
▪ Project activities are implemented as planned	☒	☐	☐	☐	
▪ Other funding requests or new stages developed/submitted within planned timeframe	☒	☐	☐	☐	
Assessment of objective 4:					
Please provide a brief assessment (2-3 lines) of the objective based on the indicators above and any other applicable factors. The assessment may include an indication whether the objective was achieved, partly achieved, or not achieved.	The teamwork of the NOU and HPMP team resulted in the successful implementation of all activities under the context of the HPMP and other projects. Tranches and individual projects were submitted on time, and no objections were received on any submission of projects and tranche submissions. This objective is achieved.				
Objective 5: Promoting awareness raising and information exchange on relevant issues of the Montreal Protocol					
Indicator (where applicable)	**Assessment of indicator**				**Any remarks if applicable**
	Yes	**No**	**Ongoing**	**Not applicable**	
▪ Action plan for general awareness raising and outreach developed	☒	☐	☐	☐	
▪ Information materials are prepared and disseminated as per action plan	☒	☐	☐	☐	
▪ World Ozone Day activities celebrated annually	☒	☐	☐	☐	
▪ Report on awareness raising activities implemented as per action plan, where feasible	☒	☐	☐	☐	
Assessment of objective 5:					

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Report on performance indicators and achievement of objectives					
Please provide a brief assessment (2-3 lines) of the objective based on the indicators above and any other applicable factors. The assessment may include an indication whether the objective was achieved, partly achieved, or not achieved.	The NOU played a major role in contributing to network building of the Ministry of Environment. Noting that due to the current political and economic instability in the country, some of the objectives were also delayed or not fully achieved (mainly training programmes and workshops due to the Covid pandemic as well the political and social instability in the country, however, awareness raising activities, especially on social media continued.				
Objective 6: Regional cooperation and participation in Montreal Protocol meetings					
Indicator (where applicable)	**Assessment of indicator**				**Any remarks if applicable**
	Yes	**No**	**Ongoing**	**Not applicable**	
▪ NOU/country participation in regional network meetings	☒	☐	☐	☐	
▪ NOU/country participation in the OEWG or MOP	☒	☐	☐	☐	
▪ The NOU supported the South-south cooperation activities in the region, when required	☒	☐	☐	☐	
Assessment of objective 6:					
Please provide a brief assessment (2-3 lines) of the objective based on the indicators above and any other applicable factors. The assessment may include an indication whether the objective was achieved, partly achieved, or not achieved.	Lebanon NOU's participation in all MP meetings as an A-5 country enables it to spread the word and negotiate the country's needs for projects technical and funding support to achieve the compliance of the MP guidelines. This objective was achieved				
Objective 7: Integration of MLF gender mainstreaming policy in the implementation of the IS project					
Indicator (where applicable)	**Assessment of indicator**				**Any remarks if applicable**
	Yes	**No**	**Ongoing**	**Not applicable**	

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Report on performance indicators and achievement of objectives					
• Report on the percentage of male and female participants on steering committee/project board meetings	☒	☐	☐	☐	
• Terms of reference for hiring staff and consultants include gender competence as requirement and provisions that encourage underrepresented gender to apply	☒	☐	☐	☐	
• Consultation with associations, networks, and/or stakeholders focusing specifically on mainstreaming gender throughout the project planning and implementation process	☒	☐	☐	☐	
• Sex-aggregated data on participants/presenters is collected for all meetings/trainings/workshops	☒	☐	☐	☐	
Assessment of objective 7:					
Please provide a brief assessment (2-3 lines) of the objective based on the indicators above and any other applicable factors. The assessment may include an indication whether the objective was achieved, partly achieved, or not achieved.	In line with decision 84/92(d),[1] the the policies on gender mainstreaming were considered and have put in place measures to encourage the participation of women in the RAC sector. A checklist has been prepared for project implementation to ensure gender mainstreaming has been taken into consideration in project planning. The UNDP team/NOU will organise one training on gender issues at each RAC training centre established at the vocational schools as the centers are operational now, and that each training centre would be required to develop an action plan to promote the participation of women/students in the refrigeration servicing training.				

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Part IV. Financial report

12. Please provide in the table below details on the project budget, disbursements, requested budget and government in kind contributions:

Item of expenditure	Budget for current phase (US $)	Disbursement (For current phase) (US $) As of 31 March 2023		Estimated budget (For requested phase) (US $)	Government funding (In kind contribution) (US $)	
		Actual	Obligated		Current phase	Requested phase
Staff (including consultants)	190,000.00	74,239.51	111,304.96	324,926.00	2,500.00	5,000.00
Equipment	0.00	675.00	1,600.00	6,000.00	0.00	0.00
Operational cost (i.e., meetings, consultations, etc.)	2,000.00	800.00	2,345.53	35,000.00	33,400.00	47,500.00
Public awareness	1,515.00	0.00	2,200.00	25,000.00	10,000.00	15,000.00
Other	5,000.00	2,350.00	3,000.00	20,000.00	0.00	0.00
TOTAL	**198,515.00**	**78,064.51**	**120,450.49**	**410,926.00**	**45,900.00**	**67,500.00**

Part V. Government evaluation and endorsement

13. Government evaluation of the current IS implementation phase

a) Was the project timely implemented as approved?

☒ YES ☐ NO

b) What was found to be particularly useful in meeting the IS objectives?

Please select all that apply:

☐ Government support at a high level was provided
☐ Support from the implementing agency was timely and efficient
☐ Agreement was signed on time
☐ Funds were disbursed on time
☒ All of the above
☐ Other (please specify below)

If other, please specify and describe below:

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c) Where problems encountered in the implementation?

X☐ YES ☐ NO

If YES, please select all that apply:

☒ Political issues in the country
☐ No support from high level of government
☒ Delays in agreement signature
☐ Implementing agency not responsive to issues
☐ Other (please specify below)

If other, please specify and describe below:

The political and social instability in the country as well the Covid pandemic during the past two years and the currency devaluation affected much the implementation of activities especially with Legislations issuance and endorsement by the government as well the training programmes for the RAC technicians were delayed due to the above reasons.

d) What experiences or actions should be implemented differently in the future IS project phases?

The increase in the level of funding as well the extension of the duration of the IS project to 3 years instead of 2 years were well addressed for better implementation in the future years with the additional work required in relation to the HFCs phase-down.

e) What are the potential risks identified by the Government to achieve the objectives of the IS, and meeting compliance obligations under the Montreal Protocol?

The Political and economic instability in the country.

f) What actions have been identified to mitigate these potential risks?

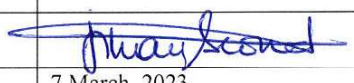
The NOU will monitor closely the political and social instability in the country and to ciontinue the consultations with the relevant Government partners as well private sectors .

14. Government endorsement

Action plan authorized by ***(name)***:	***H.E Dr. Nasser Yassin***
Signature of authorising authority:	
Title:	Minister of Environment
Supervising Organization/Agency/Ministry:	Ministry of Environment
Date:	15 February 2023

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15. Submission of action plan

Name of implementing agency:	UNDP
Name of Project Officer:	Ms. Jihan Seoud
Signature of Project Officer:	
Date:	7 March 2023
Implementing agency's risk assessment for achieving the project objectives including compliance obligations, and actions for mitigating the potential risks, identify challenges faced and lessons learnt, and other comments	The Government of Lebanon with the support of the UNDP, is implementing the activities of the Institutional Strengthening Project (Phase XII) as planned, which is crucial to support the management of ODS phase-out activities in the country during the period from April 2021 to March 2023. The IS Phase XII successfully achieved the expected results and complied with the post 2015 HCFC control targets (2020 and 2021 milestones) through the positive collaboration with the various stakeholders, including both private and public partners and the industries in particular. The project also worked closely with the Ministry of Environment by providing policy and legislative advice to support including ministerial decision for the control of HCFCs and HFCs. The implementation of HPMP Stage-II was critical to ensure Lebanon's compliance with the HCFC phase-out targets for the year 2021 and beyond. The Government of Lebanon is on track to achieve the upcoming targets as planned under Phase-XIII of the IS set for the timely phase-out of HCFCs; address the future challenges related to the HFCs phase-down and carry out relevant activities related the Kigali implementation plans (KIP) planned for this year (2023).

16. Executive summary

A. Terminal report

The Project achieved the expected results satisfactorily through the solid interaction with government and non-governmental authorities, the industrial, private and public sectors. Major achievements include:

- Assist Lebanon in complying with the Montreal Protocol obligations. Lebanon is in compliance with the post 2015 HCFC phase-out targets, i.e. achieving the reduction of approximately 60% of the aggregate consumption of HCFCs in the year 2021, this is due to the effective ODS control measures (legislations) put in place in the country, the timely and successful reconversion of HCFCs in the Foam and Air conditioning industrial sectors under HPMP Stage-II, as well the strong commitment of the NOU and the government in the compliance procedures of the Montreal Protocol and its amendments.
- Continue to promote direct investment projects in achieving the HCFC phase-out process by converting industrial facilities to non-HCFC technologies as required for Lebanon. Through the IS Phase-XII, the NOU has been monitoring the phasing-out of HCFCs in the foam and air conditioning sectors under HPMP Stage-II, during which all enterprises (PU Foam, solar/electric water heaters and air conditioning manufacturers) converted to non-HCFC technology and contributed to the reduction of HCFCs baseline level as planned and in a timely manner.

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- Lebanon actively participated in and contributed to the regional network meetings, ExCom, OEWG, MOP and related thematic meetings during the 2020 -2022 period.
- A series of public awareness raising campaigns and knowledge sharing activities were carried out to support the work on ozone layer protection.

B. Plan of action

The general objectives of the IS Phase-XIII are to meet the obligations of the Montreal Protocol and its amendments. Several major objectives relate to the direct Institutional Strengthening in the planning process are described as follows:

- Meeting the obligations of Montreal Protocol through the implementation of the HPMP Stage-II project. The effective implementation and compliance with HCFC phase-out schedule milestone is achieved through the reduction of a minimum of 64% of the baseline consumption of Annex-C, Group-1 substances by the year end-2022 and the reduction of a minimum of 75% by 2025.
- Implementing national public awareness/outreach strategies primarily relating to HCFC phase-out and new technologies, with a special focus on addressing the RAC servicing sector.
- Enforcement of the a *Institutional measures in place with relevant governmental bodies (Mainly Customs) to effectively monitor potential illegal trade of controlled substances as applicable* mended existing legislations and ODS Licensing System to accommodate the HFCs phase-down in the future and enforcement of those regulations through the close cooperation with the related governmental institutions.
- The Kigali Amendment was initiated in 2020, and the funds under the enabling activities and KCEP projects were utilized to develop the necessary legislations for the ratification process which resulted in the production of the report of cooling plan (NCP), developing the Minimum Energy Performance Standards (MEPS).
- Updating the appropriate guidelines for close monitoring and evaluation of ODSs phase-out projects, and to build a strong monitoring mechanism into the project management and coordination unit component. This is a very important element to ensure timely and systematic implementation of the technology transfer.
- Ensuring that the successful implementation of the HPMP Stage-II result in the reduction of HCFCs consumption levels to 18.39 ODP tons by the year 2025, where actions should be taken to ensure a phase-out of 55.11 ODP tons as per the agreement between the Government of Lebanon and the Executive Committee.
- The HPMP Stage-II activities were initiated in August 2016, where all investment and non-investment activities in the manufacturing sectors were implemented and completed as per the work plan. The remaining activities will be targeting the RAC servicing sector as described in the HPMP Stage-II project document for phasing out HCFCs including project management and coordination during the period 2023-2025.
- To prepare the KIP strategy for Lebanon to be submitted for funding during the years 2023-2024.
- As an active member during the MP meetings, Lebanon will continue its role to support countries in moving forward on various commitments, namely the cost guidelines for HFCs phase-down, energy efficiency related activities etc…
- Continue participation in the negotiations related to the HFCs phase-down guidelines and the active participation in the MP meetings.

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C. Sustainability and risk assessment

Political	Due to the current situation in the country	Delays in the initiation of the project and in project activities and implementation Impact: Low - medium Likelihood: Low - medium	Close follow up and monitoring with the Ministry of Environment
Operational	Bureaucratic procedures within the ministry	Delays in the initiation of the project and in project activities and implementation Impact: Low - medium Likelihood: Low - medium	Close follow up and monitoring with the Ministry of Environment

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REPUBLIC OF LEBANON
MINISTRY OF ENVIRONMENT

The Minister

Beirut, 30.3.2023
Our Ref: 410/13

Ms. Melanie Hauenstein
Resident Representative
United Nations Development Programme (UNDP)
Beirut – Lebanon

Subject: Lebanon request for the extension of the Institutional Strengthening Project for the implementation of Montreal Protocol in Lebanon, Stage-XIII.

Dear Ms. Hauenstein,

I am pleased to forward to your office a copy of the request of Lebanon for " The extension of the Institutional Strengthening Project for the implementation of Montreal Protocol in Lebanon, Stage-XIII", endorsed by the Ministry of Environment.

Kindly accept this letter as an official request on the part of the Government of Lebanon to have your office make the necessary arrangements to advise the Montreal Protocol Unit of UNDP to proceed with the submission of our request to the Multilateral Fund Secretariat for consideration by the Executive Committee at its 92nd meeting that will be held in May 2023.

I would like to take this opportunity to thank you for your continued support in the success of this project.

Sincerely yours,

Minister of Environment
Nasser Yassin, PhD

AA-F-16-V.1- 1/1

Encl: - Lebanon request for extension of the Institutional Strengthening Project, Phase-XIII.

cc- Ministry of Environment, Registrar
- Service of Environmental Technology/National Focal Point, - MoE
- Mrs. Nancy Khoury, Head-Service of Public Relations and External affairs - MoE
- Mr. Mazen K. Hussein, Project Manager, National Ozone Unit – UNDP