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UNDP Project Document
for projects financed by the various GEF Trust Funds

United Nations Development Programme

Project Document template for projects financed by the various GEF Trust Funds

Project title: *Lebanon's First Biennial Transparency Reports, and a combined Fifth National Communication and Second Biennial Transparency Reports, to the United Nations Framework Convention on Climate Change (UNFCCC)*		
Country(ies): **Lebanon**	**Implementing Partner (GEF Executing Entity):** United Nations Development Programme UNDP	**Execution Modality**: *Direct implementation (DIM);*
Contributing Outcome (UNSDCF/CPD, RPD, GPD): **UNSF Outcome: Outcome 3.3.** Lebanon has adopted measures to improve environmental governance **UNDP Strategic Plan Outcome 1.** Growth and development are inclusive and sustainable, incorporating productive capacities that create employment and livelihoods for the poor and excluded. **Output 1.4:** Scaled up action on climate change adaptation and mitigation across sectors which is funded and implemented **CPD Output 4.1.** Low emission climate resilient actions initiated		
UNDP Social and Environmental Screening Category: *Low*		**UNDP Gender Marker:** *GEN2 (Gender equality as a significant objective)*
Quantum Award ID: *1133123*		**Quantum Project ID:** - *01000611*
UNDP PIMS ID number: *6676*		**GEF Project ID number:** *11305*
LPAC meeting date: *28 March 2023*		
Last possible date to submit to GEF: *N/A*		
Latest possible CEO endorsement date: *N/A*		
Project duration in months: 48 months		
Planned start date: *1 Sept 2023*		**Planned completion date:** *31 August 2027*

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Expected date of Mid-Term Review (MTR) submission to the GEF: *Not required for EAs*	**Expected date of Terminal evaluation (TE) submission to the GEF:** *Not required for EAs*
Expected Operational Closure Date: *31 May 2028*	**Expected Financial Closure Date:** *30 November 2028*

Brief project description: The project's overall objective is to support the Government of Lebanon in achieving its global environment concerns and commitments to international conventions, and to integrate climate change considerations in national development planning and policy through ensuring continuity of the institutional and technical capacity building, partly initiated, and consequently sustained by reporting instruments under the United Nations Framework Convention on Climate Change (UNFCCC).

The immediate objective of the project is to assist the Government of Lebanon with the enabling activities necessary to prepare and submit its First Biennial Transparency Report (BTR1) in 2024 and a Combined Second Biennial Transparency/Fifth National Communication Report in 2026and meet its reporting obligations under the UNFCCC and the Paris Agreement, in line with the Modalities, procedures and guidelines for the transparency framework for action and support referred to in Article 13 of the Paris Agreement (Decision 18/CMA.1) and the guidance on operationalizing the MPGs as per Decision 5/CMA.3.

The project will enable the Government to enhance available emission data, performing targeted research, and strengthening technical capacity and institutions to address both mitigation and adaptation. It will also allow the country to strengthen the existing institutional arrangements and support the long-term targets aimed at addressing the impacts of climate change.

FINANCING PLAN	
GEF Trust Fund grant	USD 1,233,000
UNDP TRAC resources[1]	N/A
Confirmed cash co-financing to be administered by UNDP	N/A
(1) Total Budget administered by UNDP	**USD 1,233,000**
(2) Total confirmed co-financing to this project not administered by UNDP	**0 USD**
(3) Grand-Total Project Financing (1)+(2)	**USD 1,233,000**

SIGNATURES:

Signature:	**Agreed by UNDP**	**Date/Month/Year:**
Ms. Melanie Hauenstein Resident Representative DocuSigned by: Melanie Hauenstein 79642E8B91B7414...		28-Aug-2023

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[1] This is not a mandatory requirement.

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List of acronyms

APA	Ad Hoc Working Group on the Paris Agreement
BUR	Biennial Update Report
BPPS NCE	Bureau for Policy and Programme Support, Nature, Climate and Energy
CBIT	Capacity Building Initiative on Transparency
CCCU	Climate Change Coordination Unit
CDM	Clean Development Mechanism
CDR	Council for Development and Reconstruction
COP	Conference of the Parties
CPD	Country Programme Document
DNA	Designated National Authority
DRR	Disaster Risk Reduction
EA	Enabling Activity
ESCWA	Economic and Social Council for West Asia
FSV	Facilitated Sharing of Views
GEF	Global Environment Facility
GEFSEC	Global Environment Facility Secretariat
GHG	Greenhouse Gas
GCM	Global Circulation Models
GSP	Global Support Unit
ICA	International Consultation and Analysis
INC	Initial National Communication
INDC	Intended Nationally Determined Contribution
IPCC	Intergovernmental Panel on Climate Change
LECB	Low Emission Capacity Building Programme
LEDS	Low Emission Development Strategy
M&E	Monitoring and Evaluation
MISCA	Management Information System on Climate Action
MOA	Ministry of Agriculture
MOE	Ministry of Environment
MOEW	Ministry of Energy and Water
MOF	Ministry of Finance
MOIM	Ministry of Interior and Municipalities
MOIND	Ministry of Industries
MOPWT	Ministry of Public Works and Transport
MRV	Measurement, Reporting, Verification
MSP	Medium Sized Project
NAMA	Nationally Appropriate Mitigation Action
NAP	National Adaptation Plan
NC	National Communication
NCE	National Council for the Environment
NCSA	National Capacity Self-Assessment

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NEEAP	National Energy Efficiency Action Plan for Lebanon
NGO	Non-Governmental Organizations
PIF	Project Identification Form
PIR	GEF Project Implementation Report
POPP	Programme and Operations Policies and Procedures
PPG	Project Preparation Grant
PMU	Project Management Unit
PRECIS	Providing Regional Climates for Impacts Studies
QA/QC	Quality Assurance/Quality Control
RICCAR	Regional Initiative for the Assessment of Climate Change Impacts on Water Resources and Socio-Economic Vulnerability in the Arab Region
SBI	Subsidiary Body for Implementation
SBSTA	Subsidiary Body for Scientific and Technological Advice
SDG	Sustainable Development Goals
SNC	Second National Communication
STAP	GEF Scientific Technical Advisory Panel
TNC	Third National Communication
TTE	Technical Team of Experts
UNCBD	United Nations Convention on Biodiversity
UNCCD	United Nations Convention to Combat Desertification
UNDAF	United Nations Development Assistance Framework
UNDP	United Nations Development Programme
UNESCO	United Nations Educational, Scientific and Cultural Organisation
UNFCCC	United Nations Framework Convention on Climate Change
UNSF	United Nations Strategic Framework

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II. DEVELOPMENT CHALLENGE

1. The Ministry of Environment was established after the 1992 Rio Earth Summit (Law 216/1993) and its mandate and organizational structure include the coordination of sustainable development issues. The Ministry of Environment is the National Focal Point to the UNFCCC. Lebanon ratified the UNFCCC by virtue of Law No. 359 dated 1/8/1994 and the Paris Agreement by virtue of Law No. 115 dated 29/3/2019 (Law 115/2019).

2. The country prepared and submitted the following reports as follows:
   - Initial National Communication in 1999
   - Technology Needs Assessment and Technology Transfer in 2002
   - Second National Communication in 2011
   - Technology Needs Assessment Report in 2012
   - First Biennial Update Report in 2015
   - Third National Communication in 2016
   - Second Biennial Update Report in 2017
   - Third Biennial Update report in 2019
   - Fourth Biennial Update report in 2021
   - Fourth National Communication in 2022

3. The 4NC/3BUR project started in 2019 with the aim at preparing Lebanon's 3rd Biennial Update Report (3BUR) and Fourth National Communication (4NC) to the UNFCCC. The 3BUR was submitted in October 2019 and the 4th BUR in 2021 with an updated and recalculated GHG inventory for the period 1994-2018 using the 2006 IPCC guidelines and with an improved reporting of support received, mitigation actions and capacity building needs. An International Consultation and Analysis (ICA) was conducted in March 2022. The Technical Team of Experts of the ICA noted several improvements in BUR4 and commanded Lebanon for enhancing the transparency of its reporting. Apart from the self-determined needs, the most prominent recommendations from the ICA process were: 1) Developing technical capacity to collect, process and harmonize data from both private and public sources to estimate the climate impacts of groups of actions or of overlapping mitigation actions to avoid double counting; 2) Developing institutional arrangements at the national level in order to improve systematic collection of data; 3) Enhancing national capacity to facilitate systematic collection of information from stakeholders to enable tracking the progress of implementation of mitigation actions in all sectors; and 4) Developing and implementing a well-defined and institutionalized methodology for systematically identifying and quantifying technical, financial, technological, capacity-building and other needs;. The 4BUR is Lebanon's last BUR under the UNFCCC Measurement, Reporting and Verification (MRV) arrangements.

4. The 4NC has been finalized and submitted on the 29th of December 2022. The 4NC updated Lebanon's Technology Needs Assessment (TNA), previously conducted in 2012, to better reflect Lebanon's current needs, update Lebanon's vulnerability and adaptation assessment in addition to updating its GHG inventory for the year 2019.

5. Lebanon submitted its Nationally Determined Contribution (NDC) on September 30, 2015, in conformity with the UNFCCC procedures and deadlines. The NDC[2], which includes emission reductions and adaptation targets to 2030, was prepared following a highly integrative and participatory process where all key stakeholders and decision makers were consulted. Lebanon's NDC type is a deviation from Business-As-Usual (BAU) scenario and includes both unconditional and conditional targets.

6. In 2021, Lebanon submitted its updated NDC[3] to the UNFCCC. To contribute to closing the mitigation gap, Lebanon increased the ambition of its mitigation targets, namely its general Greenhouse Gas (GHG) and

[2] https://www4.unfccc.int/sites/ndcstaging/PublishedDocuments/Lebanon%20First/Republic%20of%20Lebanon%20-%20INDC%20-%20September%202015.pdf

[3] https://www4.unfccc.int/sites/ndcstaging/PublishedDocuments/Lebanon%20First/Lebanon%27s%202020%20Nationally%20Determined%20Contribution%20Update.pdf

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renewable energy targets. Moreover, additional adaptation priorities were identified, as well as climate action enablers. This NDC provides additional information on the mitigation targets through the guidance on Information to provide Clarity, Transparency and Understanding (ICTU) in Decision 4/CMA[4] 1. The achievement of Lebanon's updated NDC greatly contributes to Lebanon's sustainable development. Additionally, as per paragraph 11 of Article 7 of the Paris Agreement, Law 115/2019 and paragraph 11 of Decision 9/CMA.1, the adaptation priorities in the updated NDC correspond to (c) National adaptation priorities, strategies, policies, plans, goals and actions of the Annex of Decision 9/CMA.1 (Further guidance in relation to the adaptation communication, including, inter alia, as a component of nationally determined contributions, referred to in Article 7, paragraphs 10 and 11, of the Paris Agreement and Law 115/2019). Therefore, the adaptation priorities reported in the updated NDC have constituted part of Lebanon's first Adaptation Communication in accordance with paragraph 10 of Article 7 of the Paris Agreement and Law 115/2019.

7. Lebanon has also mainstreamed gender and sustainable development in its NDC through additional support received from the NDC Support Programme (NDCSP) project. A synchronization exercise was conducted, which consists of inputting the outputs of mitigation and adaptation policies that make up the NDC in the SDG Climate Action Nexus tool (SCAN-tool), developed under the umbrella of the NDC Support Cluster. The tool aims at supporting policy makers across different departments and state levels to identify and understand which climate mitigation and adaptation actions may impact specific SDG targets (http://ambitiontoaction.net/scan_tool/). The linkages were then prioritized in twelve integration sheets, where for each sector, an assessment of the positive and negative linkages was performed, with a summary for recommendations in upcoming policymaking in terms of inputs and consultations. Linking sustainable development and climate action is of the essence, therefore, reporting on mitigation and adaptation action and needs in Lebanon needs to also identify the contribution made to sustainable development, namely the SDGs.

8. In addition, a gender analysis was carried out under the NDC Support Programme to identify entry-points to increase the gender-inclusiveness and responsiveness of climate change policies, strategies, planning, and reporting aspects. Three sectors were prioritized to be analyzed: energy, waste, and water, where detailed links were made with the relevant stakeholders, and sector-relevant gender indicators were proposed. Consequently, a set of Standard Operating Procedures (SOPs) was developed to anchor the gender integration in ministerial policies through a stepwise approach. Moreover, another set of SOPs were established to mainstream gender in climate reports such as the NDC, the Low-Emission Development Strategy (LEDS) and National Communications (NCs). Finally, capacity-building sessions for gender focal points as well as technical experts were conducted to mainstream gender concepts and relationship with climate change. As part of this exercise, assessments showed that reporting in a sex-disaggregated manner was not common practice, and that some gender-responsive indicators were needed to better inform policymaking.

9. As part of the NDC Partnership in-country engagement process, Lebanon has compiled plans which include sectoral needs, which are short-term and enabling in nature, to communicate to the NDC Partnership partners for potential funding. This exercise has helped identify what are the pre-requisite activities needed to unlock and scale-up climate action at the institutional and private sector levels. Almost all identified needs are anchored in a ministerial strategy or adopted study, making it in line with national priorities. Moreover, the plans' achievement will contribute to the achievement of Lebanon's NDC, as well as work towards implementing its climate action enablers. Voluntary reporting of support needed and received for developing countries is mandated in the MPGs. The NDC Partnership exercise would heavily contribute to the support needs reporting in the BTR.

[4] CMA: The Conference of the Parties, the supreme body of the Convention, shall serve as the meeting of the Parties to the Paris Agreement. All States that are Parties to the Paris Agreement are represented at the Conference of the Parties serving as the meeting of the Parties to the Paris Agreement (CMA), while States that are not Parties participate as observers. The CMA oversees the implementation of the Paris Agreement and takes decisions to promote its effective implementation (source: UNFCCC, https://unfccc.int/process/bodies/supreme-bodies/conference-of-the-parties-serving-as-the-meeting-of-the-parties-to-the-paris-agreement-cma).

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10. Currently, Lebanon does not have clear Measurement, Reporting and Verification (MRV) arrangements to prepare and submit national reports to the UNFCCC. Therefore, moving to the Enhanced Transparency Framework and preparing the BTRs would entail a considerable improvement of systems to reach a mechanism that ensures the periodic flow of needed information, as well as include tracking progress of NDC targets. This currently represents a challenge for Lebanon since the Lebanese MRV system is characterized by unavailable and unintegrated data, fragile institutional arrangements, and a lack of capacity. Various climate actions undertaken by different national ministries, local governments and private sector are not coordinated, and therefore not captured. Lebanon's baseline consists of many realities which hinder the effective implementation and communication of its climate change actions. The link between the transparent flow of information, the reduction of greenhouse gas emissions, and increase of climate resilience has not been integrated within most of the public administration at political and technical levels. This in turn affects their incentive to participate in the implementation of MRV initiatives.

11. Moreover, tracking climate targets, policies and strategies is still not prioritized within most ministries and institutions relevant to climate change. This in turn hinders the improvement of climate reporting, including in setting up the needed institutional arrangements and information systemization. Furthermore, the lack of staff and skill to develop and share the relevant data is a challenge to be overcome as it is the root cause behind Lebanon's inability to improve its climate reporting systems.

12. Most importantly, these constraints hinder effective policy implementation, especially that the relevant climate actions are also linked to sustainable development (and vice versa). Therefore, the improvement of policy-tracking and measurement of their impact will empower the relevant stakeholders in making more informed decisions geared towards greenhouse gas emission reduction and increased resilience.

13. To that end and to tackle all these challenges, Lebanon is currently implementing the Capacity Building Initiative for Transparency (CBIT) project, which will play a crucial role in assisting Lebanon to establish a robust MRV system that entails sustainable governance structures, enhanced mechanisms for data collection and improvement of institutional capacities. The project will allow Lebanon to establish a national transparency framework in line with national priorities to enhance implementation and abide by the transparency provisions of the Paris Agreement and its corresponding Modalities, Procedures and Guidelines (MPGs). It will also enable national institutional arrangements to implement transparency-related activities, improve capacities to track emissions and action and enhance South-South cooperation.

14. Additionally, stakeholders will become part of the MRV network coordinated by the MRV Coordinating Entity (MRVCE) instated in the Ministry of Environment, and arrangements will be institutionalized to ensure a continuous flow of information. The established relationships between the Ministry of Environment (MoE)and key institutions and experts will be essential to enhance the institutional arrangements. For the transparency framework to be implemented in the long-term, and for the MRVCE to function, key actors need training on climate change concepts, the Paris Agreement requirements, and transparency dynamics. The MRV network of partners will be familiarized with the link between improved transparency arrangements and effective policy implementation.

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III. STRATEGY

Project rationale and theory of change

15. Article 13 of the Paris Agreement mandates that all Parties move to the ETF by 2024, through the submission of the Biennial Transparency Report (BTR). The Modalities, Procedures and Guidelines (MPGs) (Decision 18/CMA.1) adopted at the conclusion of the 24th Conference of Parties (COP24) in Katowice, Poland, to guide Parties in enhancing their reporting. Under Decision 18/CMA.1, more robust guidelines are provided to be applied by all Parties. Some provisions in the MPGs allow for flexibility to developing countries considering their capacities. Mandatory sections for developing countries to report are the GHG inventory and reporting on the progress and achievement of the NDC, as well as mitigation actions. Reporting on adaptation, and support needed and received, are voluntary and not subject to review by the Technical Expert Review (TER).

16. In order to improve Lebanon's climate reporting quality and completeness, abide by Article 13 of the Paris Agreement, its corresponding MPGs and subsequent COP decisions, and enhance policy implementation through progress tracking, the project's overall objective is to assist the Government of Lebanon with the enabling activities necessary to prepare and submit Lebanon's First BTR to the United Nations Framework Convention on Climate Change (UNFCCC) not later than 2024, and the Second BTR and Fifth National Communication no later than 2026.

17. This project will trigger higher level changes by 1) supporting Lebanon in achieving its global environment concerns and commitments to international agreements such as the Paris Agreement, 2) integrating the climate change considerations in national development planning and policy and 3) ensuring continuity of the institutional and technical capacity building, partly initiated, and consequently sustained by reporting instruments under the UNFCCC. The project will also work towards enhancing Lebanon's capabilities to move to evidence-based decision-making.

18. The project will tackle both the mandatory requirements of the MPGs and assess where flexibilities are relevant for Lebanon based on its capacity, as well as tackle the voluntary reporting under the MPGs. The BTR will therefore strive to satisfy as many MPG provisions as possible, and consequently identify the areas for improvements. Moreover, as stated above, the BTR1 5NC/BTR2 project aims at enhancing evidence-based decision-making, as well as harmonizing transparency processes for efficient institutional arrangements. To achieve the desired change, the project will build up on the CBIT's established ETF and MRV systems for data collection and data sharing to enhance available emission data, performing targeted research, and strengthening technical capacity and institutions to address climate change. Improvements in data collection and analysis will enhance reporting on (1) national circumstances to reflect Lebanon's current circumstances, as well as understand the impact of the compounded Lebanese crisis on GHG emissions, (2) enhance institutional arrangements to ensure continuity of reporting (3) update the GHG inventory up to year 2022 for BTR1 and year 2024 for 5NC/BTR2, as well as strive to improve the quality and completeness of the inventory, (4) more complete and comprehensive mitigation actions, (5) NDC progress for Lebanon's three targets, (5) adaptation reporting options to also assess progress towards NDC priorities, (6) gaps and constraints including assessment of financial, technology and capacity building needs and provision of recommendations for addressing those needs, and (7) identify areas of improvements and priorities for support for climate action and transparency.

19. To prepare for this transition by 2024, Lebanon's 4BUR already tackled some improvements to transition smoothly to the BTR. These improvements included the reporting of the F-gases, moving from x-4 to x-3 thus reported the year 2019 in 2022, as well as enhancing the inventory's uncertainty assessment. Consequently, Lebanon's inventory in the 4NC (2022) is one step closer in adhering to the MPGs.

20. The project builds on the results of the previous National Communication reports and BURs and on the established human and institutional capacities in Lebanon, while benefiting from recent knowledge and methodologies. Even if previous national communications and BURs already covered all the sectors indicated

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by the IPCC, the proposed project will endeavor to acquire a more profound understanding of the driving forces behind the GHG emissions of the key categories as input for the design of adequate development mitigation policies. The project envisages extending the coverage to the period 1994-2022/2024 and improving the existing time series from the previous reports for key sectors. Lebanon has already satisfied many MPG provisions throughout its previous reporting cycles. The project will also build on the findings and recommendations of the latest ICA that was performed for 4BUR in 2022. The TA report has been shared with the Government and is pending approval.

21. The success of the project will be defined by building on existing systems, partnering with other relevant initiatives, and addressing goals in synergy. The project will mainly build on the outcomes of the CBIT project such as the updated emission factors and activity data, the developed progress indicators, the web-platform for sharing and reporting information, the institutional arrangements established under the MRV Coordinating Entity (MRVCE) and the capacity built through the series of trainings. The project will also use existing coordination platforms such as the Nationally Determined Contribution (NDC) committee to avoid duplication of efforts since the relevant stakeholders for climate action and climate transparency often overlap.

22. The BTR1 5NC/BTR2 project will also work in parallel with the UNDP climate promise initiative, which started in 2022 in Lebanon. The Climate promise will develop an NDC financing strategy to accelerate the implementation of the NDC, including the assessment of investment options for NDC, the establishment of a donor coordination mechanism and a feasibility study on financing mechanisms. The Climate Promise project will also support in finalizing Lebanon Low Emission Climate Resilient development strategy while mainstreaming youth and gender considerations. All these outputs will be used to support the BTR1 5NC/BTR2 activities.
23. In addition, synergies will be established with the activities planned to be implemented under the GCF NAP readiness project on increased climate resilience planning for municipal water resources, which is expected to start in 2023. The project aims at preparing Lebanon's first CCA strategy and NAP roadmap through a multi-stakeholder process and a coordination mechanism. It also aims at improving the capacity of decision-makers and local communities to mainstream CCA into national and local water-sector planning processes in urban areas with improved access to climate information and ability to access and obtain climate finance through the GCF.

24. The project will also contribute to raising awareness on climate change through a nationwide dissemination of assessment results, targeting senior officials and decision makers. The emphasis on disseminating the results to policymakers will contribute to enhanced country's legal and strategic frameworks for sustainable management of natural, cultural and energy resources, as stated under the Outcome 3.3 of UNSF. Indeed, the project will support Lebanon in meeting its adaptation and mitigation needs to combat climate change through informed decision-making systems and procedures. These approaches feed into the overall strategic approach of working towards a low carbon economy that is promoted by the UN agencies and in line with the SDGs. Moreover, the project's tracking progress outputs will pave the way for tracking the Low Emission Development Strategy (LEDS) which is being developed, which in turn, contributes to the UNDP Strategic Plan Output 2.5.1 – Solutions developed, financed and applied at scale for energy efficiency and transformation to clean energy and zero-carbon development, for poverty eradication and structural transformation, and the Country Programme Document (CPD) Output 4.1 – Low emission climate resilient actions initiated.

25. Furthermore, this project will contribute to strengthening the relationship between Lebanon's climate change reporting under the Paris Agreement and the SDGs to allow for an integration of efforts, and a more effective implementation and reporting of both targets. Specifically, this project will contribute to the SDG 13: *Take urgent action to combat climate change and its impacts*. Preparations of BTRs represent an obligation of signatory countries of the Paris Agreement and it represents a valuable insight into the efforts that countries are taking to integrate climate change measures to policies, strategies, and planning. The project will coordinate with other government institutions on SDGs through the SDG and NDC committees, and/or other national policies targeting sustainable development. The UNDP, in coordination with other UN agencies, will also be responsible for tracking and monitoring SDGs including SDG 13 in Lebanon.

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26. In addition, the gender mainstreaming approach adopted in this project will help Lebanon fulfil its SDG 5 target: *achieve gender equality and empower all women and girls* and its sub-goal pertaining to ensuring women's full and effective participation and equal opportunities for leadership at all levels of decision-making in political, economic, and public life. Thus, the proposed actions under this project will pave the way for women to be included in the decision-making process when it comes to climate change and sustainable development policy formulation, hence helping the achievement of SDG 5.

27. Reports, findings, and analysis produced by the project will be used for preparing and implementing environmentally sound programming tools to achieve the government's national and international commitments (NDC). Many targeted institutions and experts will be trained, and institutional capacity will be built and sustained. To ensure country ownership, the design of this project integrates extensive stakeholder consultations throughout the process to ensure that goals and objectives of this project proposal are consistent with national sustainable development priorities.

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IV. RESULTS AND PARTNERSHIPS

28. This project is prepared in line with the GEF-8 Country Engagement Strategy (CES) which aims at providing an expanded and coordinated approach to the GEF's efforts to empower countries and address critical needs to help them achieve impactful outcomes with GEF resources.

29. The objective of the project is to assist Lebanon in the preparation and submission of two reports: 1) its first Biennial Transparency Report to the United Nations Framework Convention on Climate Change (UNFCCC) in 2024; 2) Lebanon's Second Biennial Transparency Report and its Fifth National Communication by 2026, for the fulfilment of the reporting obligations under the Paris Agreement and the MPGs (Decision 18/CMA.1 paragraph 3). The development process of Lebanon's BTRs/5NC will also launch the process of improving transparency.

Expected Results*:*

30. The expected results of the BTR1 5NC/BTR2 project are:

1. Update of the inventory of greenhouse gases for the year 2022 (x-2) for BTR1 to be submitted in 2024, and 2024 (x-2) for 5NC/BTR2 to be submitted in 2026, as well as updates made for the 1994-2022/2024 time series, with their respective uncertainty estimates, key categories, QA/QC, and progress in the systematization of the greenhouse gas inventory.
2. Report on the progress made in implementing the NDC with the corresponding indicators, assumptions, methodologies, and approaches.
3. Update climate change impacts and adaptation progress in Lebanon, including assessment of loss and damage.
4. Report on support received in terms of funding, capacity building support, technical assistance, and technology transfer to address climate, including other relevant information and supplemental NC chapters.
5. Compile and submit of Lebanon's first BTR to the UNFCCC in 2024 and second BTR/ fifth NC in 2026 and dissemination of the results at the national level 2027.

31. The expected outcomes and associated key outputs and activities are:

Component 1: National inventory report of anthropogenic emissions by sources and removals by sinks of greenhouse gases.

1. Outcome 1: Update and report the GHG inventory for 2022 (BTR1) and 2024 (5NC/BTR2):

1.1 Information on GHG inventories and climate change within the national context updated, including a brief on national circumstances and institutional arrangements with regards to the national focal point, the inventory preparation process, archiving of information, and GHG submission, and review process.

1.2 The GHG inventory updated up to 2022 (BTR1) and 2024 (5NC/BTR2) for Energy, Industrial Processes and Product Use (IPPU), Agriculture, Forestry and Other Land Use (AFOLU) and Waste using 2006 IPCC guidelines, and its 2019 refinement to the extent possible, and a trend analysis for the time series 1994 to 2022/2024 performed. A trend analysis for the time series 1994 to 2022/2024 will also be performed:

1.2.1 A GHG report on anthropogenic emissions by sources and removals by sinks of GHGs, will be prepared in accordance with paragraphs 10 (a) and 38 of the MPG's Annex.

1.2.2 Activity data will be collected for all sectors and GHG emissions will be calculated using IPCC revised 2006 guidelines and 2019 refinement when applicable, in accordance with paragraphs 20 to 24 of the MPGs' Annex, as well as the IPCC Fifth Assessment Report GWP values as per paragraph 37. The gases covered will include the direct greenhouse gases carbon dioxide (CO_2), methane (CH_4), nitrous oxide (N_2O), HFC, PFC, SF_6 and NF_3, in accordance with paragraph 48 of the MPGs' Annex. Emissions will be calculated for the

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following categories: energy (tier 1), industrial processes and product use (tier 1), AFOLU (tier 1 for agriculture and tier 2 for FOLU) and waste (tier 2) as per paragraph 50 of the MPGs' Annex. The web-platform established under CBIT will be used as appropriate to collect activity data from different institutions.

1.2.3 Information on precursor gases carbon monoxide (CO), nitrogen oxides and non-methane volatile organic compounds (NMVOCs), sulfur oxides, as well as indirect CO_2 from the atmospheric oxidation of CH_4, CO and NMVOCs, will be reported.

1.2.4 Common reporting tables presented in Annex I to decision 5/CMA.3 will be used for the electronic reporting of the information in the national inventory reports of anthropogenic emissions by sources and removals by sinks of greenhouse gases and follow the outline of the national inventory document presented in Annex V of Decision 5/CMA.3.

1.2.5 A trend analysis will be conducted for the time series 1994 to 2022/2024, recalculations will be run when needed, in accordance with paragraphs 26 to 28 of the MPGs' Annex. In the BTR, Lebanon's latest reporting year will be 2022 for the BTR1 and 2024 for 5NC/BTR2, i.e., two years prior to the submission of the reports, in accordance with paragraph 58 of the MPGs' Annex.

1.2.6 Key category analysis will be performed to identify key emitting activities with a 95% threshold, in accordance with paragraph 25 of the MPGs' Annex. The collection of activity data of key categories will be strengthened for a more accurate calculation of emissions.

1.2.7 A cross-sectoral and sector specific QA/QC procedures will be conducted and reported, building on the procedures developed under CBIT. Emission factors and parameters, activity data, assumptions, and sources of information will be well documented and archived. The web-platform established under CBIT will be used as appropriate to run QA procedures on data provided from different institutions. The final inventory will be reviewed by an external international consultant (UNFCCC reviewer).

1.2.8 A quantitative uncertainty assessment will be reported.

1.2.9 Improved national Emission Factors (EFs) and Activity Data (AD) will be developed, which will enable Lebanon to move to higher IPCC tiers. The AD and EF will be developed for previously identified key categories, mainly in the energy and waste activities, since there is a need to have increased information availability and clarity on the most important emission sources for improved mitigation. The country specific emission factors for the Energy and FOLU categories which will be developed under CBIT, will be used during the preparation of the GHG inventory. These improvements will be reported under BTR1 in 2024.

The GHG inventory will be prepared in close coordination with the MRVCE network of partners established under CBIT, and with the experts that participated in trainings on the IPCC revised 2006 Guidelines under CBIT. The analysis of the quality of information of the GHG inventory and the recommendations presented under CBIT will be used to improve the quality and completeness of the GHG inventory reported under BTRs and 5NC.

The series of trainings related to the 2006 IPCC guidelines, developing indicators, tracking NDC progress and quantifying emission reduction and resilience potential of projects, all planned under CBIT, will be organized in complementarity with the BTR1 5NC/BTR2 activities, thus avoiding any duplication between the 2 projects. The trainings will further expand and improve the knowledge of the climate change community of practice in Lebanon, which will improve the quality of BTRs and NC reporting. The stakeholders and experts that will benefit from the CBIT trainings will be further engaged as data collectors and validators in the BTRs and 5NC preparation.

Component 2: Information necessary to track progress made in implementing and achieving nationally determined contributions under Article 4 of the Paris Agreement

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2. Outcome 2: Collect information necessary to track progress made in implementing and achieving nationally determined contributions under Article 4 of the Paris Agreement, including information on mitigation policies and measures:

    2.1 Information improved to track the progress reached in the implementation and achievements of the NDC under article 4 of the Paris Agreement:

        2.1.1 National circumstances and institutional arrangements will be updated with information regarding the physical, geographical, and socio-economic features (Climate, population, economy, education, health, etc.) with disaggregated data by sex when available and legal, institutional, and administrative arrangements in place for domestic implementation, monitoring, reporting, archiving of information.

        2.1.2 Indicators to track progress of the mitigation targets of the NDC will be developed under CBIT will be used as appropriate, in accordance with paragraphs 65 to 69 of the MPGs' Annex. Information on the reference point(s), level(s), baseline(s), base year(s) or starting point(s) for priority indicators will be reported.

        2.1.3 Information that supports the implementation of the NDC will be collected and reported including policies and measures for mitigation, action, and plans, including those with collateral mitigation benefits arising from adaptation actions, using the web platform developed under CBIT. information will include name, description, goals, the kind of instrument (normative, economic, or another), methodologies, status, and sectors.

        2.1.4 An assessment of whether Lebanon has achieved the target(s) for its NDC under Article 4 will be reported, based on the most recent information for each selected indicator relevant to tracking progress towards the implementation and achievement of its NDC under Article 4.

    2.2 GHG emissions and removals projections scenarios developed for 2022 for BTR1 and 2024 for 5NC/BTR2 with a trend analysis for the time series 1994 to 2022/2024 performed:

        2.2.1 Emissions and removal projections will be developed for key indicators to determine progress towards their NDCs under Article 4 of the Paris Agreement and will be presented in graphical or tabular formats.

        2.2.2 The methodology used to develop the projections will be described including the model used, assumptions, and sensitivity analysis.

    2.3 Description of the NDC and information on NDC mitigation actions and their effects as per the MPGs of decision 18/CMA.1.

The project will use the common tabular formats presented in Annex II to decision 5/CMA.3 for the electronic reporting of the information necessary to track progress made in implementing and achieving nationally determined contributions under Article 4 of the Paris Agreement.

The progress indicators and web-based platform developed under CBIT will be used for the tracking of progress of Lebanon's NDC, to be reported under BTR1 and BTR2.

Component 3: Information related to climate change impacts and adaptation under Article 7 of the Paris Agreement.

3. Outcome 3: Update and report information on climate change impacts and adaptation

    3.1 Updated national circumstances and institutional arrangements for monitoring and reporting on NDC adaptation actions

    3.2 Assessment of historic and projected climate scenarios for Lebanon improved and updated with the use of latest climate model data acquired from the Regional Initiative for the Assessment of Climate

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Change Impacts on Water Resources and Socio-Economic Vulnerability in the Arab Region (RICCAR) based on their projections of the Arab Domain for both BTR1 and 5NC/BTR2:

3.2.1 Analysis of Lebanon's climate scenarios until 2100 will be undertaken based on latest models using SSP scenarios.

3.2.2 Lebanon's climate risks and impacts will be updated under recent relevant models for the region and results will be reported under BTR1.

3.3 Information related to averting, minimizing, and addressing loss and damage associated with climate change impacts in Lebanon will be collected:

3.3.1 Loss and damage will be assessed to enhance understanding, action, and support to minimize and address loss and damage associated with climate change impacts, considering projected changes in climate-related risks, vulnerabilities, adaptive capacities, and exposure.

3.3.2 Assessment report on losses and damages associated with the adverse effects of climate change in the country will be produced and reported under 5NC/BTR2.

3.4 Information on adaptation measures to climate change including adaptation priorities and barriers will be collected:

3.4.1 Information on the progress on implementation of priority adaptation measures including nature-based solutions will be reported, such as goals, objectives, undertakings, efforts and plans to build resilience in priority sectors. The MRV Coordinating Entity (MRVCE) and the web-platform developed under CBIT will be used as appropriate to collect information from relevant entities.

3.4.2 National priorities and adaptation challenges and gaps will be identified.

3.4.3 Information on domestic systems to monitor and evaluate the implementation of adaptation actions will be updated.

The final report will include information on support needed and received by using the common tabular formats presented in Annex III to the Decision 5/CMA.3 for the electronic reporting of the information on financial, technology development and transfer and capacity-building support needed and received, under Articles 9–11 of the Paris Agreement.

The established national MRV Coordinating Entity (MRVCE) and its network of partners developed under CBIT will be used as the main entity through which the flow of climate information related to tracking financial flows and identifying gaps and needs.

Adaptation will be reported in both section 3 and 4 of BTR1 and BTR2, which will be considered as Lebanon's adaptation communication. No separate chapter will be prepared on adaptation. BTRs will be the new channels through which Lebanon will be reporting its adaptation communication

Component 4: Information on financial, technology development and transfer and capacity-building support needed and received under Articles 9–11 of the Paris Agreement and Other Information

4. Outcome 4: Improve and report information on financial, technology development and transfer and capacity-building support provided and mobilized, including other relevant information and supplemental NC chapters.

4.1 Detailed description of the national circumstances and institutional arrangements in place to track and report on support needed and received, and mobilized

4.2 Information on support needed and received for financing, technology transfer and capacity building are compiled and reported :

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4.2.1 The web-platform developed under CBIT, and the Donor Coordination Mechanism (DCM) designed under the climate promise project will be enhanced to effectively report information on financial, technology development and transfer and capacity-building support needed and received, as per under Articles 9–11 of the Paris Agreement, and Chapter VI of the MPGs' Annex to periodically coordinate support and needs between the government and donors on climate change.

4.2.2 Support needed will be compiled and reported in accordance with parts C, E, G and I of Chapter VI of the MPGs' Annex, and based on the mapping exercises performed as part of the NDC Partnership in-country engagement process and national plans, policies and strategies. Moreover, iteratively identifying support needs will be part of the NDC implementation process and consult stakeholders who are part of the NDC committee.

4.2.3 Support received will be updated for the period 2019-2022/2024 and reported in accordance with parts D, F, H and I of Chapter VI of the MPGs' Annex, in conjunction with mitigation and adaptation actions identified. The web-platform developed under CBIT will be used as appropriate to collect the relevant information.

4.2.4 An assessment on how best to report on technology transfer needs and tracking will be undertaken to focus efforts on Lebanon's technology needs and improve its reporting. This will contribute to improved and more transparent reporting under parts E and F of Chapter VI of the MPG's Annex.

4.2.5 Information on the financial support needed by Lebanon will be reported in line with the GCF country programme and the NDC partnership plans.

4.3 Update and report other relevant information (e.g. gender) including supplemental NC chapters (research and systemic observation; education, training, and public awareness).

4.3.1 Research carried out to date on gender issues including social data disaggregated by sex in relation to the access, use and management of natural resources and the role of women and men in each sector of the economy will be updated and reported.

4.3.2 Information on research and systematic observation, education, capacity-building, citizen training and awareness will be updated.

The final report will include information on support needed and received by using the common tabular formats presented in Annex III to the Decision 5/CMA.3 for the electronic reporting of the information on financial, technology development and transfer and capacity-building support needed and received, under Articles 9–11 of the Paris Agreement.

The established national MRV Coordinating Entity (MRVCE) and its network of partners developed under CBIT will be used as the main entity through which the flow of climate information related to tracking financial flows and identifying gaps and needs.

Supplemental chapters on research and systemic observation and on education, training, and public awareness, will be prepared in accordance with applicable guidelines in decisions 17/CP.8, as appropriate (para. 43 of 1/CP.24).

Component 5: Publication and submission of combined BTR1/ and 5NC/BTR2 reports to the UNFCCC

5. Outcome 5: Prepare Lebanon's BTR1 and 5NC/BTR2 in accordance with the MPGs and methodological guidance contained in decisions 18/CMA.1 and 5/CMA.3.

5.1 A standalone BTR1 report and a combined 5NC/BTR2 report technically validated, endorsed, and submitted to the UNFCCC by Dec 2024 and Dec 2026 respectively:

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5.1.1 The first BTR document will be compiled and submitted to the United Nations Framework Convention on Climate Change in December 2024, according to the requirements and formats established by the UNFCCC Secretariat.

5.1.2 The 5NC/BTR2 document will be compiled and submitted to the United Nations Framework Convention on Climate Change in December 2026, according to the requirements and formats established by the UNFCCC Secretariat.

5.1.3 The climate change webpage will be updated with the results of the BTRs and 5NC to strengthen the national relevance of UNFCCC reports as tools for spreading climate change awareness and for a more informed climate policy planning.

5.1.4 Technical outputs will be translated in Arabic and disseminated through infographics to better promote public and policy awareness related to climate change. In addition, dissemination events will be organized at COPs, at regional events in synergy with other initiatives and at national levels with academic institutions, NGOs, schools, and other partners.

Component 6: Monitoring and Evaluation (M&E)

6. Outcome 6: Monitor and evaluate the project:

6.1 Inception workshop organized, and Inception Report compiled.

6.2 Project annual financial and progress reports and Annual Status Survey prepared

6.3 End of Project report including lessons learned note (LLN) and recommendation for next BTR/NC work compiled.

A monitoring and evaluation programme will be designed and implemented in accordance with UNDP/GEF guidelines. The work will start with the inception workshop where tentative plan of actions and roadmap will be presented, discussed, and agreed upon. The work will be conducted with strong coordination of both local and international experts. There will be regular financial and administrative reporting, where challenges encountered, lessons learned, and feedback received will be shared. An end of project report and a lessons learned note will be prepared.

Agreement on intellectual property rights and use of the logo on the project's deliverables and disclosure of information**:** To accord proper acknowledgement to the GEF for providing grant funding, the GEF logo will appear together with the UNDP logo on all promotional materials, other written materials like publications developed by the project, and project hardware. Any citation on publications regarding projects funded by the GEF will also accord proper acknowledgement to the GEF. Information will be disclosed per relevant policies, notably the UNDP Disclosure Policy[5] and the GEF policy on public involvement[6].

Partnerships:

32. Throughout the last 10 years, climate change reporting has significantly improved due to the successful partnerships that have been established between the MoE, UNDP, line ministries and other climate change related projects in the country. In addition, the involvement of academia, private sector and civil society organizations have been sustained throughout this period to ensure efficient collaboration and synergies between all actors of climate change in Lebanon.

33. These synergies will be sustained and enhanced under this project to complement previous and current activities that are being implemented by other ministries and international organizations related to climate change. Partnerships with projects funded by the EU, the GEF, the Adaptation Fund and other bilateral and

[5] See http://www.undp.org/content/undp/en/home/operations/transparency/information_disclosurepolicy/
[6] See https://www.thegef.org/gef/policies_guidelines

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multilateral funds (as presented in Table 1) have been and still are essential for scaling-up climate action and further mainstreaming climate change in the central government, local authorities, and private sector plans. These partnerships will be maintained, and new collaborations have been, and will continue to be established between the 4NC/3BUR project and other upcoming projects.

34. In addition, cooperation will be enhanced with all ongoing relevant projects within the UNDP Energy and Environment programme in terms of information sharing, networking, and combining activities for more effective impact. These strategic partnerships are fundamental for the implementation of participatory planning and implementation mechanisms and for creating a platform to support a national climate change strategy in the long term. Outreach to other UN agencies will also be ensured, particularly those working on climate related projects.

35. Currently, around several plans and projects related to climate change are being implemented in Lebanon, as described in Table 1. The synchronization of efforts between initiatives and across platforms could result in a more mainstreamed and effective implementation of the project outputs and climate change mitigation and adaptation to scale-up the project outputs.

Table 1 . Summary table of climate change projects and plans implemented by partners

Institution/Partner	**Policies/projects**	**Description**	**Link to the BTR1 and 5NC/BTR2 projects**
Government of Lebanon	Nationally Determined Contribution (NDC) 2030	Lebanon updated its Nationally Determined Contribution under which the country has set a 2030 target of reducing its GHG emissions by 20% as an unconditional target and by 31% conditional to financial, technical and capacity building support. The NDC also includes renewable energy and energy efficiency targets, as well as adaptation principles and priorities.	One of the major components of the BTR is tracking NDC progress. Outcome 2 of the project is focused on collecting the necessary information to track the progress made in achieving and implementing the NDCs under article 14 of the Paris Agreement.
MoE/UNDP	Low Emission Capacity Building project (LECB)	Funded by the European Commission (EC), the German Federal Government and the Australian Government, LECB has prepared 2 NAMAs proposals, for which MRV parameters have been developed.	The two NAMAs are part of Lebanon's NDC and already have progress indicators and MRV systems developed, these will be built upon and used in the development of both BTRs and 5NC reports as part of tracking mitigation actions.
MoE/UNDP	NDC support programme (NDCSP) 2018-2021	As a follow-up to the LECB project, the NDCSP mainstreamed gender in climate change plans (including in the NDC) and enhanced gender-responsiveness across sectors. The project also develop incentives to improve the implementation of the NDC, both for the private and public sectors and find synergies between the Sustainable Development Goals (SDGs) and the NDC for an integrated approach of efforts.	The work on gender includes the development of progress evaluation mechanisms whereby gender indicators and data systems (including sex-disaggregated data) are developed to track and report on gender-responsive mitigation and adaptation actions in key climate sectors and linked to the MRV system. The results will directly feed into the BTRs progress indicators. The NDC-SDG synchronization entails the identification and formalization

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Institution/Partner	Policies/projects	Description	Link to the BTR1 and 5NC/BTR2 projects
			of the common entry points for joint NDC and SDG implementation responses, and the generation of recommendations for the way forward. Moreover, it will identify institutional arrangements and indicators to synchronize tracking methods which will also feed into the BTRs outputs.
MoE/UNDP	Climate promise 2022-2024	As a follow-up to the NDC Support Programme, the project will develop an NDC financing strategy including the development of options for investment opportunities for NDC implementation, established of a donor coordination mechanism and design of a climate financing mechanism. Th project will also support the development of Lebanon's low emission climate resilient strategy, which will include youth and gender participation	The BTR1 5NC/BTR2 project will benefit from the donor coordination mechanism to be established under the UNDP climate promise to support the tracking of climate finance and strengthen the reporting mechanisms of support received and needed.
MoE/UNDP/GEF	Lebanon's Fourth National Communication and Third Biennial Update Report under the UNFCCC 2019-2023	The project enabled improvements in data collection and analysis and enhanced reporting on 1) national circumstances and institutional, MRV arrangements and progress towards mainstreaming climate change into key development strategies (2) gaps and constraints including assessment of financial, technology and capacity building needs and provision of recommendations for addressing those needs; (3) updated GHG inventory up to year 2018 and 2019 and improvement of GHG inventory system; (4) vulnerability assessment, including recommended adaptation measures for priority sectors and MRV of adaptation and (5) progress of emission reduction activities, including recommendation interventions to further contribute to GHG emission reductions. The 4NC has been submitted to the UNFCCC in December 2022 and the project has been closed in May 2023.	The BTR will follow up on 4NC/BUR3 activities while avoiding duplications. Lebanon's 3rd and 4th Biennial Update Report and 4th national communication (submitted in 2019, 2021 and 2022 respectively) is followed by CBIT which will be followed by the BTR project. Therefore, the information developed as part of the BUR4 and 4NC will be used to better inform BTR1 5NC/BTR2 project outputs in terms of needs for improved reporting, and the ETF and MRV systems which will be developed and implemented through CBIT to facilitate data collection and the development GHG inventories. The improvement plan developed by BUR4 will be built upon by BTR1 5NC/BTR2 project to include other aspects of reporting such as mitigation and adaptation action, and support received.

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Institution/Partner	Policies/projects	Description	Link to the BTR1 and 5NC/BTR2 projects
MoE/UNDP/GEF	Capacity Building Initiative for Transparency (CBIT) 2022-2025	The CBIT project, which started in 2022, will establish an MRV network to enhance communication and gradual engagement of key players in climate change. Moreover, the CBIT project will address the inventory's data accuracy and completeness and will enhance tracking of progress of mitigation and adaptation actions.	The BTR1 5NC/BTR2 project will also work in tandem with CBIT project which started in November 2022 and which aims at establishing 1) a transparency baseline and strategy and 2) and MRV Coordinating Entity and Network of Partners in addition to 3) designing and operationalizing an MRV platform for climate reporting. The planned activities under this project will work in complementarity with CBIT as its objective is to enable the Government to enhance available emission data, performing targeted research, and strengthening technical capacity and institutions to address both mitigation and adaptation. More specifically, the results of the following activities of the CBIT will be used to improve the preparations of the BTRs and 5 NC: Outcome 1.1: - The analysis of the quality of information of GHG inventory and its recommendations will be used to improve the quality and completeness of the GHG inventory reported under BTRs and 5NC. In addition, the assessment of climate finance tracking and the establishment of a donor coordination mechanism will be used to improve the reporting of support needed and received. - The established national MRV Coordinating Entity (MRVCE) and its network of partners will be used as the main entity through which the flow of climate information related to GHG inventory, tracking progress and identification of gaps and needs can be institutionalized and improved over time. Outcome 1.2: - The series of trainings related to the 2006 IPCC guidelines, developing indicators, tracking NDC progress and quantifying emission reduction and resilience potential of projects, all planned under CBIT, will be organized in complementarity with

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Institution/Partner	Policies/projects	Description	Link to the BTR1 and 5NC/BTR2 projects
			the BTR1 5NC/BTR2 activities, thus avoiding any duplication between the 2 projects. - The trainings will further expand and improve the knowledge of the climate change community of practice in Lebanon, which will improve the quality of BTRs and NC reporting. The stakeholders and experts that will benefit from the CBIT trainings will be further engaged as data collectors and validators in the BTRs and 5NC preparation. Outcome 2.1: - The country specific emission factors which will be developed under CBIT will allow the move to higher tiers in the Energy and FOLU categories during the preparation of the GHG inventory. These improvements will be reported under BTR1 in 2024. - The QA/QC procedures and uncertainty assessment planned to be developed under CBIT will be used to guide the inventory process that will be prepared for BTR, BTR2 and 5NC. - The progress indicators and web-based platform developed under CBIT will be used for the tracking of progress of Lebanon's NDC, to be reported under BTR1 and BTR2.
MoE	CLIMA-MED 2018 – 2023	CLIMA-MED is a new EU project for climate action in the South Mediterranean with the following goals: - Supporting sustainable energy policies and strategies both at national and local level. - Providing technical assistance to support the formulation and implementation of local Sustainable Energy Access and Climate Action Plan (SEACAPs), which will be in line with the Covenant of Mayors principles and will lead to defining concrete actions implemented	Coordination with CLIMA-MED will consist of working on implementing the municipal Sustainable Energy Action Plans/Sustainable Energy and Climate Action Plans (SEAP/SECAPs). For the plans that will be developed, the project will coordinate with CLIMA-MED to use the reporting systems to track progress of the implementation at the local level. These activities will contribute to enhancing the transparency of climate information and improve institutional arrangements, especially

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Institution/Partner	Policies/projects	Description	Link to the BTR1 and 5NC/BTR2 projects
		by local authorities in the Southern Neighborhood. Climate finance will be the third key component of the project's actions, as it will facilitate investments and help beneficiaries better access finance mechanisms leading to the implementation of concrete and sustainable actions at national and local levels.	at the municipal level for the first time.
MoE	IKI 2016	The capacity-building for ambitious reporting was a short consultancy which entailed the preparation of a baseline assessment for Lebanon's GHG inventory, and recommendations for sustainable institutional arrangements procedure, data exchange protocols and a long-term programmatic plan. Moreover, staff in line ministries were trained on the 2006 IPCC guidelines as introductory capacity-building along with an overview of their potential roles in institutional arrangements.	The Project will build on the IKI project results when it comes to improving the GHG inventories and further institutionalize data collection and validation.
UNDP/EU	CEDRO5 2019-2023	The CEDRO5 project aims to move forward on the implementation of innovative renewable energy pilot projects in Lebanon and to support start-ups that work in the sector. The programme is expected to implement several types of renewable energy projects in commercial facilities but also at municipal level.	BTR1 5NC/BTR2 project will coordinate with the renewable energy projects that are planned within the CEDRO5 project that will be based on the SECAPS/SEAPS prepared by the Clima-MED project and will integrate progress indicators whenever possible and applicable in support of the the project objectives.

The following strategies and action plans will be assessed through this project in outcome 2 (tracking NDC progress and achievement) where Information that supports the implementation of the NDC will be collected and reported including policies and measures for mitigation, action, and plans, including those with collateral mitigation benefits arising from adaptation actions, using the web platform developed under CBIT to report more efficiently in the BTR project.

Institution /Partner	Policies/projects	Description
MoEW	National Water Sector Strategy (NWSS)	Updated in 2022, the strategy sets a detailed action plan to increase water availability and improve water usage, thus decreasing the sector's vulnerability to climate change impacts. The NWSS served as a basis for adaptation priorities in the NDC.

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Institution /Partner	Policies/projects	Description
MoE	National Biodiversity Strategy and Action Plan (NBSAP)	Developed in 2015, the NBSAP developed adaptation plans for ecosystems vulnerable to climate change. The action plan presents specific requirements needed to reach its objective by 2030.
MoE	Integrated Waste management strategy	The integrated solid waste law which was issued in 2018 (Law 80/2018) by the government sets the main principles and actions required for Lebanon to sustainably manage the sector. The operational decrees that will be prepared for the Law will strengthen the inventory and mitigation analysis and reporting for the sector.
LCEC/IRENA	2020 IRENA Renewable Energy Outlook: Lebanon	This study, carried out by the International Renewable Energy Agency (IRENA) in collaboration with Lebanon's Ministry of Energy and Water and the LCEC, examines the policy, regulatory, financial and capacity-related challenges to overcome in pursuing such plans. The renewable energy estimates in the IRENA report were the basis for the renewable energy targets in Lebanon's updated NDC.
MoE/UNDP	National Cooling Plan (NCP)	The NCP includes the pathway for the transition to lower indirect and direct emissions through enforced Energy Efficiency (EE) requirements and the phasedown of high Global Warming Potential (GWP) refrigerants and foam blowing agents (HFCs). The NCP served as a basis to determine Lebanon's energy efficiency potential for the NDC.
MoEW	Electricity reform plan (2022)	Approved in 2022 by the Council of Ministers the plan proposes a series of actions related to generation, transmission, and distribution of electricity including the deployment of renewable energy technologies. The implementation of the reform plan will help Lebanon achieve its NDC targets.
MoEW	Decentralized Renewable Energy Draft Law (2022)	Approved in 2022 by the council of Ministers, the draft law provides legal basis for the investment in decentralized Renewable Energy by the private sector and/or local government, which will contribute in the deployment of renewable energy technologies. The approval of law by the Parliament will help Lebanon achieve its NDC targets.
MoEW/LCEC	National Energy Efficiency Action Plans (NEEAP) 2016-2020	The NEEAP includes several energy efficiency initiatives targeting the different sectors of the Lebanese economy, targeting primary energy savings in generation, transmission, and distribution areas, and end-use measures in buildings, industry, SMEs, agriculture, transport, and public services and facilities.
MoEW/UNDP/GEF	Small Decentralized Renewable Energy Power Generation	The project launched in 2014 supports the Lebanese government in the removal of barriers to widespread application of decentralized renewable energy-based power generation. The project assessed the impacts of all PVs installed in Lebanon and implemented 9 pilot installation in selected industries.
MoEW/UNDP/EU	Country energy efficiency and renewable energy demonstration project for the recovery of Lebanon (CEDRO)	Established in 2007, the main objective of CEDRO is the application of renewable energy and energy efficiency systems and measures across Lebanon's several economic sectors and beneficiaries. CEDRO has assessed the potential of biomass, wind, hydro and geothermal energy in Lebanon and has installed solar water heaters, PVs and street PV lights in several sites across Lebanon.
MoA	National Forest Programme (NFP)	Developed in 2015, the programme aims at sustainably managing forest resources and safeguarding ecological integrity, and economic and social development. The NFP includes specific measures and action items to translate its objectives.

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Institution /Partner	Policies/projects	Description
MoA	Ministry of Agriculture Strategy	Updated in 2020, the strategy identifies key priority areas for the work of the Ministry and sets a 5-year workplan to achieve its goals. Climate change is identified as a separate target area and specific activities, indicators and a timeline has been set as part of the plan.
MoA/FAO/GEF	Smart Adaptation of Forest Landscapes in Mountain Areas	Launched in 2016, the project supported by the GEF, and FAO aims at enhancing climate resilience of vulnerable forest ecosystems, while promoting the resilience and livelihoods of vulnerable rural communities in mountain areas through sustainable forest management and reforestation.
MoA	Land Degradation and Desertification action plan under UNCCD	The Ministry of Agriculture has developed a plan to support Lebanon reach land degradation neutrality by 2030, in line with the recommendations of the UNCCD framework. The plan includes detailed adaptation measures with regards to land degradation and desertification.
MoA/MoE	National Strategy for Forest Fire Management	The Ministry of Agriculture has developed a strategy in 2009 to enhance the readiness of responsible entities to reduce the risk of intense and frequent forest fires. This strategy was also referenced in the updated NDC, as part of the forestry priority. The strategy is currently being updated, which support the implementation of the NDC and will generate indictors to track the progress in the forestry sector
MoA	National Afforestation/Reforestation Programme 40 Million Forest Trees Planting Programme (NARP)	The Ministry of Agriculture has developed the NARP to increase Lebanon's forest cover to 20% by 2030. These targets influenced Lebanon's mitigation and adaptation targets.
MoPH/WHO	The National Health and Environment Strategy 2021-2026	The National Health and Environment Strategy prepared by MoPH and WHO aims at incorporating climate risks into the health sector to enhance preparedness of institutions and healthcare providers to tackle new diseases in a changing climate. The strategy was considered in developing the adaptation priorities in the NDC
PCM/UNDP	Strengthening Disaster Risk Management Capacities in Lebanon	Launched in 2009, the project aims to help the Government of Lebanon in establishing effective national institutions including disaster risk information and disaster risk management systems, to increase societal resilience against disasters, especially in refugee-hosting high risk within major local authorities. The project's corresponding strategies and plans have been considered in developing the NDC's adaptation priorities.

Risks and Assumptions*:*

36. Risks: No major risks can be identified in the implementation of this project since the Government of Lebanon is strongly committed to its obligations under the Convention and to fulfilling reporting requirements. Nevertheless, administrative, and financial risks with a low magnitude are presented in Annex 6, and summarized in the below table:

Project Risk	Risk Category and Rating	Description and mitigation
Transparency failing to become a national priority	Political Moderate Risk	Political buy-in will be guaranteed from the beginning of the project by building on the ratification of the Paris Agreement by Parliament (March 2019) the Council of Ministers (September 2019) and the issuance of operational decrees among which the transparency framework.

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Project Risk	Risk Category and Rating	Description and mitigation
Regional instability, national political instability, and economic crisis	Political Substantial Risk	Political turmoil in the region can shift the government priority towards urgent matters such as the Syrian refugee crisis. This might delay project progress. National political instability and the current economic crisis shifts the government priority towards more urgent matters that have its repercussion on the implementation of the project. However, since the project is related to article 13 of the Paris Agreement, currently a national law in Lebanon, the legal grounds, and therefore, the obligation to abide by, will be used to implement the project. As for the economic crisis, it may slow down the delivery plan of the project.
Frequent change of government	Political Substantial Risk	Despite the frequent cabinet changes at irregular times, institutional memory will allow Lebanese institutions to sustain their operations.
Failure to retain capacities	Institutional Moderate Risk	Capacity building activities will be directed towards a group of relevant employees within each ministry, ensuring that a wider range of employees will receive the training and, thus that the capacity can be retained. In addition, the development of the knowledge platform will ensure that the technical knowledge provided by the project will be preserved in institutions.
Lack of abilities to gather, analyze and communicate data	Institutional Moderate Risk	Adequate tools and methodologies will be developed by the project and made available on the knowledge platform for the established MRV network's use. Moreover, trainings to use the platform and increase transparency awareness will play a considerable role in enhancing those abilities.
Deficiency in incentives and institutional buy-in	Institutional Moderate Risk	The project will guarantee engagement through granting the sense of ownership to the respective assigned focal points. Moreover, the project will highlight how the transparency initiative complements other aspects of their work, for example by linking transparency reporting to SDG reporting.
Climate change impacts affect project implementation and project results	Operational Low Risk	Lebanon is at risk of climate change impacts, based on the Vulnerability and Adaptation assessments performed as part of National Communications. The modelling (Regional Initiative for the Assessment of the Impact of Climate Change on Water Resources in the Arab Region (RICCAR), led by the United Nations Economic and Social commission for Western Asia (ESCWA), the results of an ensemble of projections for Lebanon show an increase of 1.2°C and 1.7°C (RCP4.5 and RCP8.5, respectively) by mid-century (2046-2065) and up to 3.2°C by 2100 compared to the baseline period of 1986-2005 A decrease in precipitation of 4 to 11% is projected (RCP4.5 and RCP8.5, respectively), with drier conditions by the end of the century (up to 5.8 mm decrease in average monthly precipitation). RICCAR results show increasing trends of warming, reaching up to 43 additional days with maximum daily temperature higher than 35°C. However, these climate impacts will not affect the BTR project outputs in the short-term nor long-term, considering the project is of a reporting nature.
COVID-19 pandemic may result in delays in government institutions' response and engagement in the project	Operational Low Risk	Prioritization of climate transparency elements compared to tackling and feeling the effects of the COVID-19 pandemic will be difficult, and therefore there is a risk of delay in project deliverables, or lack of engagement. Virtual platforms to engage stakeholders have now been mainstreamed, and its results have proved effective. The BTR project activities will employ this method for consultations and trainings when physical presence is not possible.

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Covid-19 considerations:

Stakeholder engagement plan will include measures to manage risks that the Covid-19 pandemic and the possible reinstatement of containment measures may pose on the mobility and engagement of both project staff and stakeholders. Project will employ videoconferencing equipment/tools for virtual meetings and workshops, revise workplan, apply social distancing and provide personal protective equipment (PPE) to prevent exposure among project staff, stakeholders, and participants as and when necessary. Budget will be included for IT support and PPE accordingly.

Upfront to the commencement of the project, a risk assessment of the potential impact of the COVID-19 pandemic will be performed and measures to mitigate its effect on the project will be identified and implemented. The impact of the Covid-19 on the project progress will be closely monitored and the adaptive management will be used to minimize, and address impacts it may have on the availability of technical expertise, capacity, and changes in timelines. Project will focus on strengthening capacity and experience for remote work and online interactions as well as limited remote data and information access.

The national process of the preparation of the BTRs and NCs can assist COVID-19 efforts to the build back better and greener plans. Like many countries, one of the challenges that Lebanon must face after the COVID-19 pandemic is the strengthening of its public management and the reactivation of the economy and the new normality; thus, this transition can be directed towards a new model of national development that is sustainable, inclusive, low in emissions and resilient to climate change.

37. Assumptions:

- Political support for the Paris Agreement and the NDC does not diminish. The increased support for climate action will lead to improved awareness of the reporting and implementation relationship.
- Line ministries realize the benefits of a more complete inventory and tracking progress of their policies and the many linkages to SDG reporting and implementation.
- Stakeholders engage in all the project activities through building on existing tasks and enhancing their outputs. Moreover, stakeholders realize that potential support is provided through detailed needs assessment and formulation.

Stakeholder engagement:

38. The BTR1 5NC/BTR2 project will build on the work done under previous national communications and CBIT project and will involve key national experts and institutions in its compilation to maintain continuity in the process, while additional experts and institutions will be involved as needed. The project will ensure that the immediate needs and concerns of major stakeholders related to identification and prioritization of activity data, mitigation, and adaptation options and indicators as well as support and capacity building needs are highlighted and collectively addressed. The involvement of stakeholders in the project will ensure maximal coverage of sectors and enhance sustainability of climate related actions. In addition, it will strengthen their experience in climate change issues, provide them with best practice techniques and establish linkages between key socioeconomic development issues and climate change.

39. Moreover, through the drafting of the first NDC and its update, and establishment of the NDC committee, sectoral experts have become more aware of Lebanon's obligations to the Paris Agreement, and the BTR activities will build on this awareness and institutional mechanism to concretize transparency improvements. In addition, it will strengthen their experience in climate change issues, provide them with best practice techniques and establish linkages between key socioeconomic development issues, including gender and climate change.

40. Stakeholders' engagement and cooperation will be maintained through the organization of consultation sessions and organization workshops, focus group meetings, and one-on-one interviews. Institutions such as

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the Central Administration of Statistics, the Meteorological Services and Ministries of Energy and Water, Agriculture, Public Works and Transport and Finance will play a key role in providing sectoral activity data and climate data for preparation of the GHG inventories, sectoral emissions projections, climate change projections as well as mitigation and adaptation scenarios. The technical staff from the above ministries will take part in capacity building activities for identification, preparation and implementation of mitigation and adaptation actions in their respective economic sectors, while decision makers will play a key role in prioritization of identified measures. Such an approach will ensure the involvement of both layers of each governmental institution to optimize the mainstreaming of climate change and ensure ownership in decision making.

41. In addition, consultation will be organized with academic experts, youth groups, the private sector and civil society organizations to ensure the completeness and accuracy of the data reported and analyzed and the gaps and needs identified. This approach will build on the previous engagement process initiated under the BUR3/4NC and CBIT projects, and will ensure the involvement of both layers of each governmental institution, in addition to other stakeholders to optimize the mainstreaming of climate change and ensure ownership in decision making.
42. The roles of the main stakeholders in the BTR1 -5NC/BTR2 preparation process are more explicitly provided in Annex 8.

South-South and Triangular Cooperation (SSC/TrC):

43. South-South and triangular cooperation plays a critical role in advancing climate action through transferring experience, technology, and resources inside and in between countries with similar national circumstances and developmental challenges. In addition, as the implementing partner of this project and as one of the main proponents of south-south and triangular cooperation for meeting sustainable development goals, UNDP will play a key role as the catalyst of such cooperation in this project.
44. The project presents a great opportunity for lessons learned and sharing best practices to build capacities. Under the guidance and exchanges facilitated by the Global Support Program for National Communication and Biennial Transparency Reports, South-South cooperation and peer-to-peer exchange will be enhanced through planned capacity building activities including the use of IPCC 2006 guidelines and the use of mitigation and adaptation assessment models and tools. In addition, the project will build on other developing countries' experiences and lessons learned to design proper institutional arrangements that would optimize the use of resources for the preparation of the CBIT project, which will enhance reporting in the BTR projects. This initiative will also allow Lebanon to take the lead in showcasing good practices to other Parties.
45. Moreover, Lebanon is a member of the Climate Vulnerable Forum (CVF) which will also foster South-South Cooperation through examples of incentivizing mitigation and adaptation actions to reach the 1.5 degrees Celsius and build resilient communities
46. In addition, to bring the voice of Lebanon to global and regional fora, the project will explore opportunities for meaningful participation in specific events where UNDP could support engagement with the global development discourse on transparency. The project will provide regional cooperation opportunities with countries implementing initiatives on transparency and climate reporting in geopolitical, social and environmental contexts relevant to the proposed project in Lebanon.

Gender equality and Women's Empowerment:

47. A Gender Action Plan has been developed for this project to promote gender balance in consultations, workshops, and trainings, as well as including gender considerations and indicators (developed by the NDC Support Programme NDCSP) in institutional arrangements and web-based platform. The detailed action plan with corresponding indicators is included in Annex 10.
48. The Ministry of Environment already endeavored in gender mainstreaming in its Third and Fourth National Communications and will try to deepen the practice in other reporting procedures. The proposed BTR project

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will integrate aspects of gender equality and women's empowerment, where applicable. Additionally, the project will keep track of gender mainstreaming using progress indicators in its reporting. The MRV Coordinating Entity developed under CBIT will also request information on gender representation in the MRV network and beyond through a higher representation of women (at least 30%) at all levels, which will also be reported. The project component of capacity-building will also focus on enhancing women's skills, as well as on enhanced understanding of gender dimensions of climate change from the side of the MoE.

49. The NDC Support Programme (NDCSP) project at the Ministry of Environment enhanced gender integration into climate planning through a gender-responsiveness assessment of the policies and activities included in Lebanon's NDC, among others. The assessment intended to valuate Lebanon's baseline, assess the policies that make up Lebanon's NDC in terms of gender, and provide recommendations for integrating gender aspects into climate-relevant policies. Moreover, recommendations were provided to mainstream gender in all climate reporting tools. The NDCSP developed indicators to track gender-responsiveness as part of climate action, which will be used in this project.

50. The 4NC/BUR3 project, which ended in May 2023, has also collected information and better understood the national conditions of men and women in the context of climate change planning, implementation, and reporting. Therefore, not only will the activities analyze gender and climate change (using gender disaggregated data where possible) from several aspects, they will also allow a deeper understanding of gender dynamics with a focus on institutions and their coordination mechanisms (gender trends, structures of decision-making bodies, current coordinating mechanisms, gender diversity in participating institutions).

Knowledge:

51. Results from the project will be disseminated through existing information sharing networks and forums. The project will identify and participate, as relevant and appropriate, in scientific, policy-based and/or any other networks, which may be of benefit to the project. The project will identify, analyse and share lessons learned that might be beneficial to the design and implementation of similar projects and disseminate these lessons widely. There will be continuous information exchange between this project and other projects of similar focus in the same country, region and globally. The BTR1, BTR2 and 5NC will be published on the Ministry of Environment, UNDP and UNFCCC website for public access.

Innovativeness, Sustainability and Potential for Scaling Up:

52. With regards to replicability and scaling-up, this will be ensured through the involvement of stakeholders throughout the project. Broad consultation processes will take place among government, academic institutions, private sector, and civil society organizations ensuring the input of state-of-the-art expertise and consensus to design interventions. Strategic partnerships among stakeholders are instrumental for implementing participatory planning and create a platform to sustain a long-term climate change strategy. Not only will broad stakeholder involvement promote appropriate policy proposals, but it will also generate improved knowledge, methodologies, and human and institutional capacities that are necessary for the continued success of the BTR reporting process.

53. Institutional sustainability of the project will be ensured through the documentation of the data, approaches, methodologies, and tools used in the 4NC and 4BUR, especially regarding inventory and vulnerability assessment, and their sharing with relevant institutions to partner institutions. Efforts will be made to further institutionalize the development of NCs and BTRs as well as to integrate adaptation and mitigation measures into sectoral policies and development plans, based on the experience gained from the participatory process of the 4NC and 4BUR preparation.

54. The project will build on the outputs of CBIT, which will lay down the infrastructure and necessary next steps for Lebanon to transition to the new transparency framework while mainstreaming MRV procedures in all ministries, governmental and non-governmental institutions. More specifically, the results of the following activities of the CBIT will be used to improve the preparations of the BTRs and 5 NC:

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- Outcome 1.1: The analysis of the quality of information of GHG inventory and its recommendations will be used to improve the quality and completeness of the GHG inventory reported under BTRs and 5NC. In addition, the assessment of climate finance tracking and the establishment of a donor coordination mechanism will be used to improve the reporting of support needed and received. In addition, the established national MRV Coordinating Entity (MRVCE) and its network of partners will be used as the main entity through which the flow of climate information related to GHG inventory, tracking progress and identification of gaps and needs can be institutionalized and improved over time
- Outcome 1.2: The series of trainings related to the 2006 IPCC guidelines, developing indicators, tracking NDC progress and quantifying emission reduction and resilience potential of projects, all planned under CBIT, will be organized in complementarity with the BTR1 5NC/BTR2 activities, thus avoiding any duplication between the 2 projects. The trainings will further expand and improve the knowledge of the climate change community of practice in Lebanon, which will improve the quality of BTRs and NC reporting. The stakeholders and experts that will benefit from the CBIT trainings will be further engaged as data collectors and validators in the BTRs and 5NC preparation.
- Outcome 2.1: The country specific emission factors which will be developed under CBIT will allow the move to higher tiers in the Energy and FOLU categories during the preparation of the GHG inventory. These improvements will be reported under BTR1 in 2024. In addition, the QA/QC procedures and uncertainty assessment planned to be developed under CBIT will be used to guide the inventory process that will be prepared for BTR, BTR2 and 5NC. Finally, the progress indicators and web-based platform developed under CBIT will be used for the tracking of progress of Lebanon's NDC, to be reported under BTR1 and BTR2

55. This synergies with the CBIT project will contribute to a more sustainable generation of knowledge within the country. The long-term transparency strategy developed under CBIT will ensure the project's sustainability since it will guide stakeholders and the MRVCE into the next needed steps beyond the project. It will be used as a reference point for all climate reporting activities in the near and distant future. The knowledge platform and MRV network of partners will also build and retain capacities of government staff over time to reduce dependence on external support. Moreover, building on the staff's existing tasks reduces the need for additional experts and ensures the institutional memory.

56. While it cannot ensure that funding will be continued beyond the project, the BTR1 5NC/BTR2 project will use all the necessary tools for the operationalization of the various institutional mechanisms that will prevail beyond the timeline of the project. The project will also demonstrate cost-effectiveness by sustainably leveraging existing institutions, experts, and data. Indeed, activities are designed in a way that allows them to be carried on after the end of the current funding, which will enable Lebanon to honor its commitments to the UNFCCC. Activities are also planned in synergy with other running projects like the GEF CBIT project, climate promise 2.0 and other regional projects and initiatives like the EU Climamed, CEDRO, FAO Salma, etc. which will optimize the use of different funding sources and deepen the proposed analyses.

57. This proposal includes various components that could be scaled up on both a national and regional level. Specifically, the assessment of loss and damage, the generation of mitigation and adaptation progress indicators to track NDC implementation could be scaled up to include best practices and extended information on methodologies and other sectoral information relevant to climate change.

58. Moreover, through regional platforms, the outputs and lessons-learned of the project's results and best practices can be shared with other countries in the region and it can be replicated and customized to countries with similar or different national circumstances.

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Digital Solutions[7]:

59. The project will use available digital solutions such as the IPCC inventory software, the CRT and CRF tables to prepare the BTR1 and BTR2 and align with the UNFCCC reporting requirements. In addition, the Web-platform to be designed by the CBIT project will be used to collect activity data for inventory preparation and progress indicators NDC tracking. Quantum will be used for project management and planning activities such as procurement, budgeting, and M&E. Finally, all project outputs will be made available in digital formats on the Ministry of Environment, UNDP and UNFCCC websites.

[7] *Please see the Guideline "Embedding Digital in Project Design".*

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V. PROJECT RESULTS FRAMEWORK

Contribution to the Sustainable Development Goal (s): SDG13- take urgent action to combat climate change and its impacts
Intended Outcome as stated in the UNSDCF/Country Programme Results and Resource Framework: UNSDCF Outcome indicator 3.1 – Integrated policy/strategy/plan which increases national ability to adapt to the adverse impacts of climate change, and fosters climate resilience and low greenhouse gas emissions development in a manner that does not threaten food production. CPD Output 3.2 - Transition to renewable energy accelerated capitalizing on technological gains, clean energy innovations and new financing mechanisms to support green recovery.
Applicable Output(s) from the UNDP Strategic Plan: Outcome 1. Growth and development are inclusive and sustainable, incorporating productive capacities that create employment and livelihoods for the poor and excluded. **Output 1.4:** Scaled up action on climate change adaptation and mitigation across sectors which is funded and implemented
Project title and Quantum Project Number: Lebanon's First Biennial Transparency Reports, and a combined Fifth National Communication and Second Biennial Transparency Reports, to the United Nations Framework Convention on Climate Change (UNFCCC) - 01000611

Objective and Outcome Indicators[8] **(no more than a total of 20 indicators)**		**Data Source**	**Baseline[9]**	**Mid-term Target[10]** (MTR and mid-term targets not required for EA)	**End of Project Target**	**Data Collection Methods[11]**	**Risks/Assumptions**
Project Objective:	To assist Lebanon in the preparation and submission of its First Biennial Transparency Report and a combined Second Biennial Transparency and 5th National Communication Report for the fulfillment of the obligations under the United Nations Framework Convention on Climate Change (UNFCCC) and the Paris						
	Mandatory Indicator 1: # direct project beneficiaries		0		200 (At least 30% women)		

[8] *UNDP publishes its project information (indicators, baselines, targets and results) to meet the International Aid Transparency Initiative (IATI) standards. Make sure that indicators are S.M.A.R.T. (Specific, Measurable, Attainable, Relevant and Time-bound), provide accurate baselines and targets underpinned by reliable evidence and data, and avoid acronyms so that external audience clearly understand the results of the project.*

[9] *Baseline, mid-term and end of project target levels must be expressed in the same neutral unit of analysis as the corresponding indicator. Baseline is the current/original status or condition and needs to be quantified. The baseline can be zero when appropriate given the project has not started. The baseline must be established before the project document is submitted to the GEF for final approval. The baseline values will be used to measure the success of the project through implementation monitoring and evaluation.*

[10] *Target is the change in the baseline value that will be achieved by the mid-term review and then again by the terminal evaluation.*

[11] *Data collection methods should outline specific tools used to collect data and additional information as necessary to support monitoring. The PIR cannot be used as a source of verification.*

Objective and Outcome Indicators[8] (no more than a total of 20 indicators)		**Data Source**	**Baseline[9]**	**Mid-term Target[10]** (MTR and mid-term targets not required for EA)	**End of Project Target**	**Data Collection Methods[11]**	**Risks/Assumptions**
	disaggregated by gender (individual people)[12]						
Project component 1	**National inventory report of anthropogenic emissions by sources and removals by sinks of greenhouse gases.**						
Project Outcome[13] 1 GHG inventory updated and reported for 2022 (BTR1) and 2024 (5NC/BTR2)	**Indicator 2:** GHG Inventory covering period 1994-2022 developed in accordance with the MPGs contained in chapter II of decision 18/CMA.1	UNFCCC website	GHG Inventory for 2019 submitted as part of the 4NC	An updated GHG inventory as part of the BTR1 in 2024 will be submitted	An updated GHG inventory as part of the BTR1 in 2024 and 5NC/BTR2 in 2026 will be submitted	Annual Status Survey	Risk: Timely and accurate data necessary to meet the new reporting requirements may not be available
Outputs to achieve Outcome 1	1.1 Information on GHG inventories and climate change within the national context will be updated, including a brief on national circumstances and institutional arrangements with regards to the national focal point, the inventory preparation process, archiving of information, and GHG submission, and review process. 1.2 The GHG inventory will be updated up to 2022 (BTR1) and 2024 (5NC/BTR2) for Energy, Industrial Processes and Product Use (IPPU), Agriculture, Forestry and Other Land Use (AFOLU) and Waste using 2006 IPCC guidelines, and its 2019 refinement to the extent possible. A trend analysis for the time series 1994 to 2022/2024 will also be performed						
Project component 2	**Information necessary to track progress made in implementing and achieving nationally determined contributions under Article 4 of the Paris Agreement**						
Outcome 2 Information necessary to track progress	**Indicator 3:** Progress in reporting on NDC implementation, climate change impacts and	BUR1-2-3-4 NC-1-2-3-4 Available in the UNFCCC website	The preparations of previous NCs and BURs have not followed the	Information on the status of NDC implementation, climate change impacts and	Information on the status of NDC implementation, climate change impacts and	Annual Status Survey End of Project Report	Risk: Timely and accurate data necessary to meet new reporting requirements

[12]. This indicator captures the number of individual people who receive targeted support or assistance from a given GEF-financed project or program and/or who use the specific resources that the project maintains or enhances. Direct beneficiaries are all individuals receiving either: (a) Targeted support. This includes individuals whom can be identified as receiving direct support or assistance, can be counted individually and are aware they are receiving support in some sort and/or use the specific resources. This implies a high degree of attribution to the project; or (b) High intensity of support. This means receiving a high level of support/effort provided per person, assessed on a continuum with broad levels from Low to Medium and High, where only high intensity of support qualifies as direct beneficiary as per Table 1 (page 26) of the GEF's Guidelines on the Implementation of the GEF-8 Results Measurement Framework

[13]Outcomes are medium term results that the project makes a contribution towards, and that are designed to help achieve the longer-term objective. Achievement of outcomes will be influenced both by project outputs and additional factors that may be outside the direct control of the project.

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Objective and Outcome Indicators[8] (no more than a total of 20 indicators)		Data Source	Baseline[9]	Mid-term Target[10] (MTR and mid-term targets not required for EA)	End of Project Target	Data Collection Methods[11]	Risks/Assumptions
made in implementing and achieving nationally determined contributions under Article 4 of the Paris Agreement, including information on mitigation policies and measures collected	adaptation and support needed and received in compliance with MPG requirements.		MPGs and the common reporting tables and tabular formats of Decision 5/CMA.3.	adaptation and support needed and received is compiled up to 2022 as part of the BTR1 in line with MPG requirements and by using the common reporting tables and tabular formats of Decision 5/CMA.3	adaptation and support needed and received is compiled up to 2022 as part of the BTR1, and up to 2024 as part of the 5NC/BTR2 in line with MPG requirements and by using the common reporting tables and tabular formats of Decision 5/CMA.3		under the ETF may not be available.
	Indicator 4: Extent to which NDC tracking include gender equity considerations and sex disaggregated data. Rating: 4. Full inclusion; 3. Partial; 2. Inadequate; 1. No inclusion)	Lebanon's NDC published on the UNFCCC website	Lebanon's NDC does not contain gender equity consideration and sex disaggregated data due to lack of data and analysis. Rating: 1. No inclusion		Gender-related data are provided and used to complete NDC tracking. Rating: 3. Partial	Annual Status Survey End of Project Report	Risk: Timely and accurate data necessary to meet new reporting requirements may not be available.
	Indicator 5: Availability of a functioning MRV system to track progress of NDC implementation, adaptation actions and monitoring support needed and received.	Ministry of Environment website	MRV system to track the implementation of mitigation and adaptation actions developed but not operationalized.		MRV system is operational and used to track progress of NDC implementation and adaptation actions and the status of gender mainstreaming in the NDC, as well	Annual Status Survey End of Project Report	Risk: Timely and accurate data necessary to meet new reporting requirements may not be available.

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Objective and Outcome Indicators[8] (no more than a total of 20 indicators)		Data Source	Baseline[9]	Mid-term Target[10] (MTR and mid-term targets not required for EA)	End of Project Target	Data Collection Methods[11]	Risks/Assumptions
					as financial support needed and received.		
Outputs to achieve Outcome 2	2.1 Information improved to track the progress reached in the implementation and achievements of the NDC under article 4 of the Paris Agreement 2.2 GHG emissions and removals projections scenarios developed. 2.3 Description of the NDC and information on NDC mitigation actions and their effects as per the MPGs of decision 18/CMA.1.						
Project component 3	**Information related to climate change impacts and adaptation under Article 7 of the Paris Agreement**						
Outcome 3 Information on climate change impacts and adaptation updated and reported	**Indicator 6:** Assessment of Loss and damage from climate change on Lebanon developed	Lebanon 4NC published on UNDP website	Climate risks studies presented in 4NC do not tackle loss and damage		Information on loss and damage from climate change in Lebanon compiled and reported	Annual Status Survey End of Project Report	Risk: Timely and accurate data necessary to meet new reporting requirements may not be available.
	Indicator 7: Extent to which the established MRV system includes information on the progress of implementing priority adaptation measures	Ministry of Environment website	MRV system developed lacks data on progress of priority adaptation measures		MRV system including data on progress of priority adaptation measures developed and used to track NDC adaptation progress	Annual Status Survey End of Project Report	Risk: Timely and accurate data necessary to meet new reporting requirements may not be available.
Outputs to achieve Outcome 3	3.1 Updated national circumstances and institutional arrangements for monitoring and reporting on NDC adaptation actions. 3.2 Assessment of historic and projected climate scenarios for Lebanon will be improved and updated with the use of latest climate models. 3.3 Information related to averting, minimizing, and addressing loss and damage associated with climate change impacts in Lebanon will be collected. 3.4 Information on adaptation measures to climate change including adaptation priorities and barriers will be collected.						
Project component 4	**Information on financial, technology development and transfer and capacity-building support needed and received under Articles 9–11 of the Paris Agreement and Other Information**						

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Objective and Outcome Indicators[8] **(no more than a total of 20 indicators)**		**Data Source**	**Baseline[9]**	**Mid-term Target[10]** (MTR and mid-term targets not required for EA)	**End of Project Target**	**Data Collection Methods[11]**	**Risks/Assumptions**
Outcome 4 Information on financial, technology development and transfer and capacity-building support provided and mobilized, including other relevant information and supplemental NC chapters improved and reported	**Indicator 7:** Availability of a functioning MRV system to track financial and capacity-building support received.	Ministry of Environment website	MRV system established lacks data to track the financial, capacity-building, and technological development received and mobilized.		MRV system is operational and used to track financial support needed and received, as well as capacity building support and technological development.	Annual Status Survey End of Project Report	Risk: Timely and accurate data necessary to meet new reporting requirements may not be available.
Outputs to achieve Outcome 4	4.1 Detailed description of the national circumstances and institutional arrangements in place to track and report on support needed and received, and mobilized. 4.2 Information on support needed and received for financing, technology transfer and capacity building are compiled and reported. 4.2 Update and report other relevant information (e.g. gender) including supplemental NC chapters (research and systemic observation; education, training, and public awareness).						
Project component 5	**Publication and submission of combined BTR1/ and 5NC/BTR2 reports to the UNFCCC**						
Outcome 5 Lebanon's BTR1 and 5NC/BTR2 submitted	**Indicator 8:** Lebanon's First Biennial Transparency Report submitted to UNFCCC	UNFCCC website	submitted to UNFCCC. Four Biennial Update Reports submitted to UNFCCC.	BTR1 submitted to UNFCCC by Dec 2024.	BTR1 submitted to UNFCCC by Dec 2024.	Annual Status Survey	Risk: The climate change issues not high on the political agenda of the country (due to other economic and social issues) and thus BTR1 not submitted by the Government(s) on time.

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Objective and Outcome Indicators[8] **(no more than a total of 20 indicators)**		**Data Source**	**Baseline[9]**	**Mid-term Target[10]** (MTR and mid-term targets not required for EA)	**End of Project Target**	**Data Collection Methods[11]**	**Risks/Assumptions**
	Indicator 9: Lebanon's Second Biennial Transparency and Fifth National Communication Report submitted to UNFCCC in 2026	UNFCCC website	Intended Nationally Determined Contribution (INDC) and revised NDC submitted to UNFCCC.		5NC/BTR2 submitted to UNFCCC by Dec 2026.	Annual Status Survey	Risk: The climate change issues not high on the political agenda of the country (due to other economic and social issues) and thus BTR1 not submitted by the Government(s) on time.
Outputs to achieve Outcome 5	5.1 A stand-alone BTR1 report and a combined 5NC/BTR2 technically validated and submitted to the UNFCCC by December 2024 and December 2026 respectively						
Project component 6	**Monitoring and Evaluation (M&E)**						
Outcome 6 Monitor and evaluate the project	**Indicator 10:** # of monitoring report compiled	Project document	0	3 (1 Inception Workshop Report, 2 Annual Status Survey)	6 (1 Inception Workshop Report, 4 Annual Status Survey, 1 End of Project Report).	Confirmation of the availability of the envisaged reports. Interview with the Project Manager	No risk identified.
Outputs to achieve Outcome 6	6.1 Inception workshop organized, and Inception Report compiled. 6.2 Project annual financial and progress reports and Annual Status Surveys prepared. 6.3 End of project report including lessons learnt and recommendation for next BTR/NC work compiled.						

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VI. MONITORING AND EVALUATION (M&E) PLAN

Project-level monitoring and evaluation will be undertaken in compliance with UNDP requirements as outlined in the UNDP POPP (including guidance on GEF project revisions) and UNDP Evaluation Policy **The UNDP Country Office is responsible for ensuring full compliance with all UNDP project M&E requirements including project monitoring, UNDP quality assurance requirements, quarterly risk management, and evaluation requirements.**

Additional mandatory GEF-specific M&E requirements will be undertaken in accordance with the GEF Monitoring Policy and the GEF Evaluation Policy and other relevant GEF policies[14]. The M&E plan and budget included below will guide the GEF-specific M&E activities to be undertaken by this project.

In addition to these mandatory UNDP and GEF M&E requirements, other M&E activities deemed necessary to support project-level adaptive management will be agreed – including during the Project Inception Workshop - and will be detailed in the Inception Report.

Minimum project monitoring and reporting requirements as required by the GEF:

Inception Workshop and Report: A project inception workshop will be held within 2 months from the First disbursement date, with the aim to:

a. Familiarize key stakeholders with the detailed project strategy and discuss any changes that may have taken place in the overall context since the project idea was initially conceptualized that may influence its strategy and implementation.
b. Discuss the roles and responsibilities of the project team, including reporting lines, stakeholder engagement strategies and conflict resolution mechanisms.
c. Review the results framework and monitoring plan.
d. Discuss reporting, monitoring and evaluation roles and responsibilities and finalize the M&E budget; identify national/regional institutes to be involved in project-level M&E; discuss the role of the GEF OFP and other stakeholders in project-level M&E.
e. Update and review responsibilities for monitoring project strategies, including the risk log; SESP report, Social and Environmental Management Framework (where relevant) and other safeguard requirements; project grievance mechanisms; gender strategy; knowledge management strategy, and other relevant management strategies.
f. Review financial reporting procedures and budget monitoring and other mandatory requirements and agree on the arrangements for the annual audit.
g. Plan and schedule Project Board meetings and finalize the first-year annual work plan. Finalize the TOR of the Project Board.
h. Formally launch the Project.

The Project Manager will prepare the inception report no later than one month after the inception workshop. The inception report will be prepared in one of the official UN languages, duly signed by designated persons, cleared by the UNDP Country Office and the UNDP-GEF Regional Technical Advisor, and will be approved by the Project Board.

Annual progress:
Status Survey Questionnaires to indicate progress and identify bottlenecks as well as technical support needs will be carried out once a year, in line with GEF and UNFCCC reporting requirements for BTRs and NCs.

Final/End of Project report:
During the last three months, the project team will prepare the End of Project Report (Annex 12). This comprehensive report will summarize the results achieved (objectives, outcomes, outputs), lessons learned,

[14] See https://www.thegef.org/projects-operations/policies-guidelines

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problems met and areas where results may not have been achieved. It will also lay out recommendations for any further steps that may need to be taken to ensure sustainability and replicability of the project's results. The End of Project Report shall be discussed with the Project Board during an end-of-project review meeting to discuss lessons learned and opportunities for scaling up.

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In accordance with UNDP's programming policies and procedures, the project will be monitored through the following monitoring and evaluation plans**.**

Monitoring Plan: The project results, corresponding indicators and mid-term and end-of-project targets in the project results framework will be monitored by the Project Management Unit annually, and will be reported in the GEF PIR every year, and will be evaluated periodically during project implementation. If baseline data for some of the results indicators is not yet available, it will be collected during the first year of project implementation. Project risks, as outlined in the risk register, will be monitored quarterly.

Monitoring Activity							
	Results Monitoring	**Indicators**	**Targets**	**Description of indicators and targets**	**Frequency**	**Responsible for data collection**	**Means of verification**
Track results progress	**Project objective from the results framework** To assist the Republic of Lebanon to Prepare and Submit its First Biennial Transparency Report (BTR1) and fifth national communication second Biennial Transparency Report (5NC/BTR2) and that comply with the United Nations Framework Convention on Climate Change (UNFCCC) and the Paris Agreement (PA) reporting requirements while responding to its national development goals.	**Indicator 1**: Republic of Lebanon prepares and submits BTR1 and 5NC/BTR2 that comply with the UNFCCC and the Paris Agreement reporting requirements and responds to national development goals. 1. Not adequately 2. Very partially 3. Partially Largely	Baseline: 0 Mid-term target: BTR 1 submitted in 2024 End of project target: 5NC/BTR2 submitted in 2026	Overall quality of Lebanon's inventory improved when assessed against MPG requirements	End of project in final project report	Project manager	UNDP country office oversight of final report and upcoming UNFCCC technical expert review of BTRs
	Project Outcome 1 GHG inventory updated and reported for 2022 (BTR1) and 2024 (5NC/BTR2)	**Indicator 2:** National GHG Inventory covering period 1994-2024 developed in accordance with the MPGs contained in	Inventory covering period 1994-2022 submitted to UNFCCC in December 2024	GHG inventory will be prepared in line with 2006 IPCC Guidelines for National, including key categories including and excluding land use, land-use change and forestry categories, with quantitative	Annually	Project Manager	UNFCCC web site

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Monitoring Activity							
	Results Monitoring	**Indicators**	**Targets**	**Description of indicators and targets**	**Frequency**	**Responsible for data collection**	**Means of verification**
		chapter II of decision 18/CMA.1	Inventory covering period 1994-2024 submitted to UNFCCC in December 2026	estimate and qualitative discussion of the uncertainty.			
	Project Outcome 2 Information necessary to track progress made in implementing and achieving nationally determined contributions under Article 4 of the Paris Agreement, including information on mitigation policies and measures collected	**Indicator 3:** Progress in reporting on NDC implementation	Information on the status of NDC implementation, is compiled up to 2022 as part of the BTR1 and up to 2024 as part of the NC5/BTR2 in line with MPG requirements and by using the common reporting tables and tabular formats of Decision 5/CMA.3	The indicator will assess on what extent is the information on the status NDC implementation, in compliance with Decisions 18/CMA.1 and 5/CMA.3.	Annually	Project Manager	UNFCCC web site
		Indicator 4: Extent to which NDC analysis include gender equity considerations and sex disaggregated data	Gender-related data are provided and used to complete NDC related analysis. Rating: 3. Partial	The indicator will assess on what extent gender-related data are available and used for NDC analysis.	Annually	Project Manager	UNFCCC web site
	Project Outcome 3 Information on climate change impacts and adaptation updated and reported	**Indicator 5:** Progress in reporting on climate change impacts and adaptation.	Information on climate change impacts and adaptation and loss and damage, is compiled up to 2022 as part of the BTR1 and up to 2024 as part of the NC5/BTR2	The indicator will assess on climate change impacts and adaptation and loss and damage, in compliance with Decisions 18/CMA.1 and 5/CMA.3.	Annually	Project Manager	UNFCCC web site

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Monitoring Activity							
	Results Monitoring	**Indicators**	**Targets**	**Description of indicators and targets**	**Frequency**	**Responsible for data collection**	**Means of verification**
	Project Outcome 4 Information on financial, technology development and transfer and capacity-building support provided and mobilized, including other relevant information and supplemental NC chapters improved and reported	**Indicator 6:** Progress in reporting on technology development, support needed and received in compliance with MPG requirements.	Information on support and needed and received is compiled up to 2022 as part of the BTR1 and up to 2024 as part of the NC5/BTR2 in line with MPG requirements and by using the common reporting tables and tabular formats of Decision 5/CMA.3	The indicator will assess on what extent is the information on support needed and received reported in compliance with Decisions 18/CMA.1 and 5/CMA.3.	Annually	Project Manager	UNFCCC web site
	Project Outcome 5 Lebanon's BTR1 and 5NC/BTR2 submitted,	**Indicator 7:** Lebanon's First Biennial Transparency Report submitted to UNFCCC in 2024	1 report submitted to UNFCCC	BTR1 is prepared in line with the Modalities, procedures and guidelines for the transparency framework for action and support referred to in Article 13 of the Paris Agreement (Decision 18/CMA.1) and the guidance on operationalizing the MPGs as per Decision 5/CMA.3	Annually	Project Manager	UNFCCC web site
		Indicator 8: Lebanon's Second Biennial Transparency and Fifth National Communication Report submitted to UNFCCC in 2026	1 combined report submitted to UNFCCC	5NC/BTR2 is prepared in line with the Modalities, procedures and guidelines for the transparency framework for action and support referred to in Article 13 of the Paris Agreement (Decision 18/CMA.1) and the guidance on operationalizing the MPGs as per Decision 5/CMA.3	Annually	Project Manager	UNFCCC web site

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Monitoring Activity							
	Results Monitoring	**Indicators**	**Targets**	**Description of indicators and targets**	**Frequency**	**Responsible for data collection**	**Means of verification**
	Project Outcome 6 Monitor and evaluate the project	**Indicator 9:** # of monitoring report compiled	6 (1 Inception Workshop Report, 4 Annual Status Survey, 1 End of Project Report, 1 Lessons Learned Note)	This indicator will assess whether key monitoring reports are prepared as envisaged by the project.	Annually	Project Manager	Monitoring Reports submitted to UNDP NCE Regional Team and shared with Project Board members.

Monitoring Activity	Frequency/Timeframe	Expected Action
Inception Workshop and Report	Inception Workshop within 2 months of the First Disbursement	As per above description
Track results progress (see above table for details)	Annually and at mid-point and closure	Slower than expected progress will be addressed by project management.
Monitor and Manage 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.
Supervision Missions	Annually	
Learning and Learning Missions	As needed	Relevant lessons are captured by the project team and used to inform management decisions.
Annual Project Quality Assurance	Annually	Areas of strength and weakness will be reviewed by project management and used to inform decisions to improve project performance.
Review and Make Course Corrections	At least annually	Performance data, risks, lessons and quality will be discussed by the project board and used to make course corrections.
Project Review (Project Board)	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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End of project workshop	6 months before operational closure	Final results of the project will be disseminated to relevant stakeholders
End of project report and Lesson Learned Note (LLN)	3 months before operational closure	Progress of the project
Collecting and reporting M&E indicators	Throughout the project	

Monitoring and Evaluation Budget for project execution:	
GEF M&E requirements to be undertaken by Project Management Unit (PMU)	**Indicative costs (US$)**
Inception Workshop and Report	*3,000*
M&E required to report on progress made in reaching GEF core indicators and project results included in the project results framework	*None*
Preparation of the annual GEF Project Implementation Report (PIR)	*None*
Supervision missions	*None*
Learning missions	*Add*
End of project workshop	3,385
End of project report and Lesson Learned Note (LLN)	None
Collecting and reporting M&E indicators	45,705
TOTAL indicative COST	55,090

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VII. GOVERNANCE AND MANAGEMENT ARRANGEMENTS

Section 1: General roles and responsibilities in the projects' governance mechanism

Implementing Partner: The Implementing Partner for this project is UNDP.

The Implementing Partner is the entity to which the UNDP Administrator has entrusted the implementation of UNDP assistance specified in this signed project document along with the assumption of full responsibility and accountability for the effective use of UNDP resources and the delivery of outputs, as set forth in this document.

The Implementing Partner is responsible for executing this project. Specific tasks include:

- Project planning, coordination, management, monitoring, evaluation and reporting. This includes providing all required information and data necessary for timely, comprehensive and evidence-based project reporting, including results and financial data, as necessary. The Implementing Partner will strive to ensure project-level M&E is undertaken by national institutes and is aligned with national systems so that the data used and generated by the project supports national systems.
- Overseeing the management of project risks as included in this project document and new risks that may emerge during project implementation.
- Procurement of goods and services, including human resources.
- Financial management, including overseeing financial expenditures against project budgets.
- Approving and signing the multiyear workplan.
- Approving and signing the combined delivery report at the end of the year; and,
- Signing the financial report or the funding authorization and certificate of expenditures.

Responsible Parties:.

No RPs have been identified in advance.

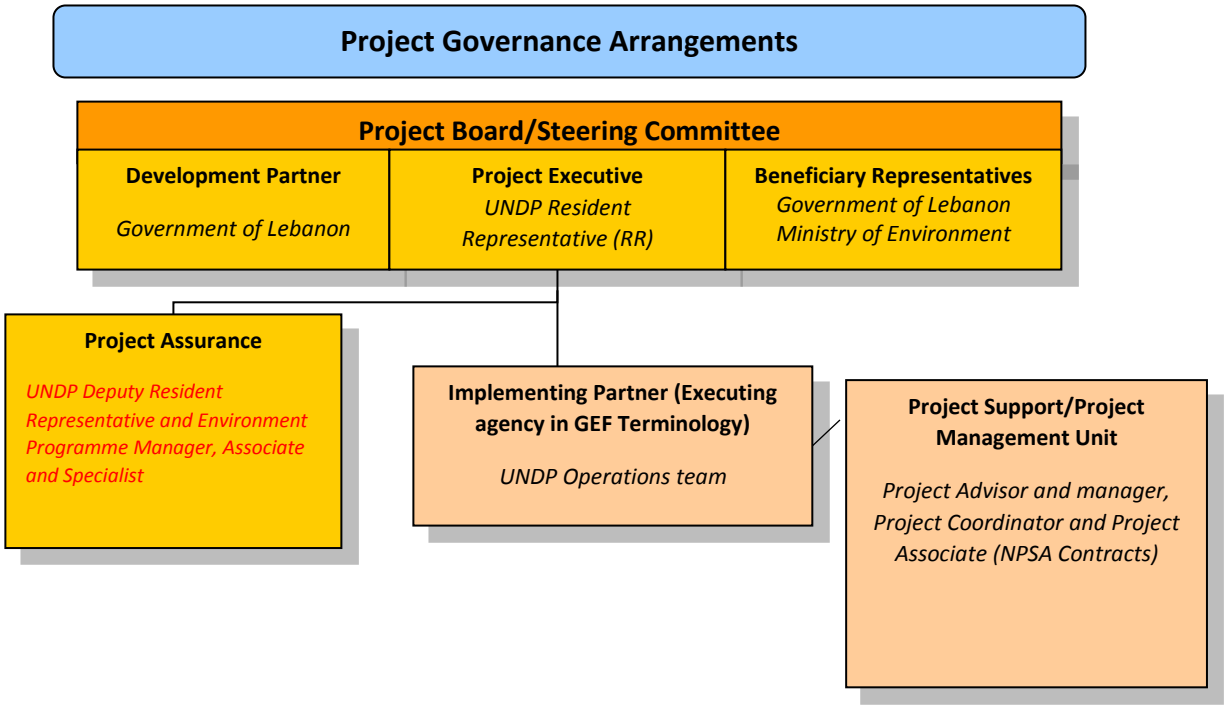
Project stakeholders and target groups: Engagement of target groups: All target groups will have a valuable role in ensuring the success of the BTR project since many key ministries and institutions are the direct data providers for the BTR project and benefit from its outputs. The Ministries of Energy and Water, Agriculture, Industry, Public Works and Transport and Finance will have a major role to play in providing the necessary information for enhancing the GHG inventory, QA/QC procedures, progress indicators and institutional arrangements. Other governmental and non-governmental institutions will be involved in enhancing the TACCC of climate information in Lebanon thus further mainstreaming best transparency practices. In addition, consultation will be organized with academic experts, youth groups, the private sector and civil society organizations to ensure the completeness and accuracy of the data reported and analyzed and the gaps and needs identified. This approach will build on the previous engagement process initiated under the BUR3/4NC and CBIT projects.

UNDP: UNDP is accountable to the GEF for the implementation of this project. This includes overseeing project execution undertaken by the Implementing Partner to ensure that the project is being carried out in accordance with UNDP and GEF policies and procedures and the standards and provisions outlined in the Delegation of Authority (DOA) letter for this project. **The UNDP GEF Executive Coordinator, in consultation with UNDP Bureaus and the Implementing Partner, retains the right to revoke the project DOA, suspend or cancel this GEF project.** UNDP is responsible for the Project Assurance function in the project governance structure and presents to the Project Board and attends Project Board meetings as a non-voting member.

A strict firewall will be maintained between the delivery of project oversight and quality assurance performed by UNDP and project execution undertaken by UNDP. The segregation of functions and firewall provisions within UNDP in this case is described in the next section.

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Section 2: Project governance structure



First line of defense:

- UNDP role as Implementing Partner cannot be and cannot report to UNDP staff providing project assurance or providing programmatic oversight support to the RR

Second line of defense:

- Regional Bureau oversees RR and Country Office Compliance at portfolio level.
- BPPS RTA oversees technical quality assurance and GEF compliance. BPPS NCE PTA oversees function.
- UNDP GEF Executive Coordinator and Regional Bureau Deputy Director can revoke DoA/cancel/suspend project or provide enhanced oversight.

The UNDP Resident Representative assumes full responsibility and accountability for oversight and quality assurance of this Project and ensures its timely implementation in compliance with the GEF-specific requirements and UNDP's Programme and Operations Policies and Procedures (POPP), its Financial Regulations and Rules and Internal Control Framework. A representative of the UNDP Country Office will assume the assurance role and will present assurance findings to the Project Board, and therefore attends Project Board meetings as a non-voting member.

UNDP Execution Role: The GEF OFP, UNDP and the GEF have agreed for UNDP to fully execute the project under the DIM modality and for the cost of these services to be charged to the project budget. To ensure the strict

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independence required by the GEF and in accordance with the UNDP Internal Control Framework, these execution services will be delivered independent from the GEF-specific oversight and quality assurance services.

Section 3: Segregation of duties and firewalls vis-à-vis UNDP representation on the project board:

As noted in the Minimum Fiduciary Standards for GEF Partner Agencies, in cases where a GEF Partner Agency (i.e. UNDP) carries out both implementation oversight and execution of a project, the GEF Partner Agency (i.e. UNDP) must separate its project implementation oversight and execution duties, and describe in the relevant project document a: 1) Satisfactory institutional arrangement for the separation of implementation oversight and executing functions in different departments of the GEF Partner Agency; and 2) Clear lines of responsibility, reporting and accountability within the GEF Partner Agency between the project implementation oversight and execution functions.

UNDP's implementation oversight role in the project – as represented in the project board and via the project assurance function – is performed by the Resident Representative, Ms. Melanie Hauenstein who will be on the Project Board and the Deputy Resident Representative, Mr. Mohammed Salih for project assurance.

UNDP's execution role in the project is performed by the Project Management Unit when the respective staff of Finance, Procurement, and HR Units, who will report to the CO Head of Operations, will provide execution support.

Section 4: Roles and Responsibilities of the Project Organization Structure:

a) Project Board: All UNDP projects must be governed by a multi-stakeholder board or committee established to review performance based on monitoring and evaluation, and implementation issues to ensure quality delivery of results. The Project Board (also called the Project Steering Committee) is the most senior, dedicated oversight body for a project.

The two main (mandatory) roles of the project board are as follows:

1) **High-level oversight of the execution of the project by the Implementing Partner** (as explained in the "Provide Oversight" section of the POPP). This is the primary function of the project board and includes annual (and as-needed) assessments of any major risks to the project, and decisions/agreements on any management actions or remedial measures to address them effectively. The Project Board reviews evidence of project performance based on monitoring, evaluation and reporting, including progress reports, evaluations, risk logs and the combined delivery report. The Project Board is responsible for taking corrective action as needed to ensure the project achieves the desired results.
2) **Approval of strategic project execution decisions of the Implementing Partner** with a view to assess and manage risks, monitor and ensure the overall achievement of projected results and impacts and ensure long term sustainability of project execution decisions of the Implementing Partner (as explained in the "Manage Change" section of the POPP).

Requirements to serve on the Project Board:

- ✓ Agree to the Terms of Reference of the Board and the rules on protocols, quorum and minuting.
- ✓ Meet annually; at least once.
- ✓ Disclose any conflict of interest in performing the functions of a Project Board member and take all measures to avoid any real or perceived conflicts of interest. This disclosure must be documented and kept on record by UNDP.
- ✓ Discharge the functions of the Project Board in accordance with UNDP policies and procedures.
- ✓ Ensure highest levels of transparency and ensure Project Board meeting minutes are recorded and shared with project stakeholders.

Responsibilities of the Project Board:

- ✓ Consensus decision making:

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- The project board provides overall overall guidance and direction to the project, ensuring it remains within any specified constraints, and providing overall oversight of the project implementation.
- Review project performance based on monitoring, evaluation and reporting, including progress reports, risk logs and the combined delivery report;
- The project board is responsible for making management decisions by consensus.
- In order to ensure UNDP's ultimate accountability, Project Board decisions should be made in accordance with standards that shall ensure management for development results, best value money, fairness, integrity, transparency and effective international competition.
- In case consensus cannot be reached within the Board, the UNDP representative on the board will mediate to find consensus and, if this cannot be found, will take the final decision to ensure project implementation is not unduly delayed.

✓ Oversee project execution:
- Agree on project manager's tolerances as required, within the parameters outlined in the project document, and provide direction and advice for exceptional situations when the project manager's tolerances are exceeded.
- Appraise annual work plans prepared by the Implementing Partner for the Project; review combined delivery reports prior to certification by the implementing partner.
- Address any high-level project issues as raised by the project manager and project assurance;
- Advise on major and minor amendments to the project within the parameters set by UNDP and the donor and refer such proposed major and minor amendments to the UNDP BPPS Nature, Climate and Energy Executive Coordinator (and the GEF, as required by GEF policies);
- Provide high-level direction and recommendations to the project management unit to ensure that the agreed deliverables are produced satisfactorily and according to plans.
- Track and monitor co-financed activities and realisation of co-financing amounts of this project.
- Approve the Inception Report, GEF annual project implementation reports, mid-term review and terminal evaluation reports.
- Ensure commitment of human resources to support project implementation, arbitrating any issues within the project.

✓ Risk Management:
- Provide guidance on evolving or materialized project risks and agree on possible mitigation and management actions to address specific risks.
- Review and update the project risk register and associated management plans based on the information prepared by the Implementing Partner. This includes risks related that can be directly managed by this project, as well as contextual risks that may affect project delivery or continued UNDP compliance and reputation but are outside of the control of the project. For example, social and environmental risks associated with co-financed activities or activities taking place in the project's area of influence that have implications for the project.
- Address project-level grievances.

✓ Coordination:
- Ensure coordination between various donor and government-funded projects and programmes.
- Ensure coordination with various government agencies and their participation in project activities.

Composition of the Project Board: The composition of the Project Board must include individuals assigned to the following three roles:

1. **Project Executive:** This is an individual who represents ownership of the project and chairs (or co-chairs) the Project Board. The Executive usually is the senior national counterpart for nationally implemented projects (typically from the same entity as the Implementing Partner), and it must be UNDP for projects that are direct implementation (DIM). In exceptional cases, two individuals from different entities can co-share this role and/or co-chair the Project Board. If the project executive co-chairs the project board with representatives of another category, it typically does so with a development partner representative. The Project Executive is: **UNDP Senior management represented by the Resident Representative.**

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2. **Beneficiary Representative(s):** Individuals or groups representing the interests of those groups of stakeholders who will ultimately benefit from the project. Their primary function within the board is to ensure the realization of project results from the perspective of project beneficiaries. Often representatives from civil society, industry associations, or other government entities benefiting from the project can fulfil this role. There can be multiple beneficiary representatives in a Project Board. The Beneficiary representative (s) is/are: **The Ministry of Environment represented by the National Focal Point.**
3. **Development Partner(s):** Individuals or groups representing the interests of the parties concerned that provide funding, strategic guidance and/or technical expertise to the project. The Development Partner(s) is/are: ***the Government of Lebanon represented by the Ministry of Environment.***

b) **Project Assurance:** Project assurance is the responsibility of each project board member; however, UNDP has a distinct assurance role for all UNDP projects in carrying out objective and independent project oversight and monitoring functions. UNDP performs quality assurance and supports the Project Board (and Project Management Unit) by carrying out objective and independent project oversight and monitoring functions, including compliance with the risk management and social and environmental standards of UNDP. The Project Board cannot delegate any of its quality assurance responsibilities to the Project Manager. Project assurance is totally independent of project execution.

A designated representative of UNDP playing the project assurance role is expected to attend all board meetings and support board processes as a non-voting representative. It should be noted that while in certain cases UNDP's project assurance role across the project may encompass activities happening at several levels (e.g. global, regional), at least one UNDP representative playing that function must, as part of their duties, specifically attend board meeting and provide board members with the required documentation required to perform their duties. The UNDP representative playing the main project assurance function is/are: *are the Deputy Resident Representative, Environment Programme Manager and Associate.*

Project Management – Execution of the Project: The Project Manager (PM) (also called project coordinator) is the senior most representative of the Project Management Unit (PMU) and is responsible for the overall day-to-day management of the project on behalf of the Implementing Partner, including the mobilization of all project inputs, supervision over project staff, responsible parties, consultants and sub-contractors. The project manager typically presents key deliverables and documents to the board for their review and approval, including progress reports, annual work plans, adjustments to tolerance levels and risk registers.

The PMU will have responsibility for, among others: (i) managing and executing the project, (ii) contracting consultants and trainers (iii) assisting in institutional arrangements by designating the relevant focal points in the different institutions and informing the ToRs for consultants, (iv) aligning project activities with national priorities and international agreements through providing input from previous assessments to the recruited consultants (i.e. information on the quality of data for GHG inventory reporting, current QA/QC procedures, challenges in performing an uncertainty analysis and moving to higher tiers) (v) reviewing and validating deliverables, as well as replicating deliverables such as trainings to a wider audience, (vi) coordinating the management of financial resources and procurement, (vii) reporting on the application of resources and results achieved, (viii) preparing management reports to the GEF and UNDP, (ix) promoting inter-institutional linkages, and (x) monitoring and evaluation, and disseminating project results. An associate will be assigned to assist in the coordination of the PMU.

A designated representative of the PMU is expected to attend all board meetings and support board processes as a non-voting representative. The primary PMU representative attending board meetings is the Project Manager (to be hired).

The administrative and technical assistance to the project manager will be provided by a Project Coordinator and an Administrative associate, which will be based at the Ministry, together with the Project Manager to ensure proper coordination with the UNFCCC focal point and build synergies with the other climate change projects, namely the

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climate promise and CBIT projects. The Project is fully embedded within the governance systems of Lebanon and, as such, directly supports its structures, functions, and strategic commitments. In this context, the project will implement its activities using the existing institutional, legal and administrative structures in Lebanon. Project activities related to cooperation, training and information sharing will aim to use already established, legitimate participatory bodies, as well as existing training and cooperation platforms.

The terms of reference for the Project Manager, Project Coordinator and Project Associate are contained in Annex 7.

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VIII. FINANCIAL PLANNING AND MANAGEMENT

The total cost of the project is **USD 1,233,000** This is financed through a GEF grant of USD 1,233,000 administered by UNDP. UNDP, as the GEF Implementing Agency, is responsible for the oversight of the GEF resources and the cash co-financing transferred to UNDP bank account only.

Co-financing: The actual realization of project co-financing amounts (if any) will be monitored by the UNDP Country Office and the PMU on an annual basis and will be reported to the GEF in the final End of project report.

Co-financing source	Co-financing type	Name of Co-financier	Investment Mobilized	Co-financing amount
N/A	*0*	*N/A*	*N/A*	*0*
Total				*0*

Budget Revision and Tolerance: As per UNDP POPP, the project board may agree with the project manager on a tolerance level for each detailed plan under the overall multi-year workplan. The agreed tolerance should be written in the project document or approved project board meeting minutes. It should normally not exceed 10 percent of the agreed annual budget at the activity level, but within the overall approved multi-year workplan at the activity level. Within the agreed tolerances, the project manager can operate without intervention from the project board. Restrictions apply as follows:

Should the following deviations occur, the Project Manager/IP through UNDP Country Office will seek the approval of the BPPS/NCE-VF team to ensure accurate reporting to the GEF. It is **strongly encouraged** to maintain the expenditures within the approved budget at the budgetary account and at the component level:

a) Budget reallocations must prove that the suggested changes in the budget will not lead to material changes in the results to be achieved by the project. A strong justification is required and will be approved on an exceptional basis. Budget re-allocations among the components (including PMC) of the approved Total Budget and Work Plans (TBWP) that represent a value greater than 10% of the total GEF grant.
b) Introduction of new outputs/activities (i.e. budget items) that were not part of the agreed project document and TBWP that represent a value greater than 5% of the total GEF grant. The new budget items must be eligible as per the GEF and UNDP policies.
c) Project management cost (PMC): budget under PMC component is capped and cannot be increased.

UNDP is not in a position to increase the total budget above the amount approved by the donor, therefore any over-expenditure would have to be absorbed from non-GEF resources by the Implementing Partner (GEF Executing Entity)

Project extensions: The UNDP-BPPS-NCE team Executive Coordinator must approve all requests for extension of the Project Completion Date and for other milestone extensions with hard deadlines. All extensions impose additional time and cost burdens at all levels and the GEF project budget cannot be increased beyond its originally approved amount. A single extension may be granted on an exceptional basis and subject to the conditions and maximum durations set out in the UNDP POPP. The project management costs during the extension period must remain within the originally approved amount, and any increase in PMC costs shall be covered by non-GEF resources; the additional UNDP oversight costs during the extension period must be covered by non-GEF resources, in accordance with UNDP's policy as set out in UNDP POPP.

For any extension request, UNDP CO and IP will consult and jointly present a clear plan indicating how and from which specific sources the additional oversight costs that will be incurred by UNDP will be covered during the extended period. The BPPS-NCE Executive Coordinator will consult the Regional Bureaux (RBX) and may reject the extension request if no (external co-financing by the IP or internal UNDP CO resources) can be identified.

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All extension requests, along with all supporting documentation, shall be submitted by the IP to the UNDP CO in line with the requirements and within the deadlines set out in the UNDP SOPs and policies in UNDP POPP.

Audit: The project will be audited as per UNDP Financial Regulations and Rules and applicable audit policies. Audit cycle and process must be discussed during the Inception workshop. If the Implementing Partner is an UN Agency, the project will be audited according to that Agencies applicable audit policies.

Transfer or disposal of assets: In consultation with the Implementing Partner and other parties of the project, UNDP is responsible for deciding on the transfer or other disposal of assets. Transfer or disposal of assets is recommended to be reviewed and endorsed by the project board following UNDP rules and regulations. Assets may be transferred to the government for project activities managed by a national institution at any time during the life of a project, however **must be done before the operational closure date**. In all cases of transfer, a transfer document must be prepared and kept on file[15]. The transfer should be done before Project Management Unit complete their assignments.

Completion Date: The project completion date is the date of Project Document Signature plus project duration. This date can only be extended through a formal extension request. Prior to completion date, all UNDP-financed inputs must be provided and related activities for the Project completed. No activities, except for the final clearance of the Terminal Evaluation Report and the corresponding management response and the end-of-project review Project Board Meeting should take place after the Completion Date.

Project Closure: Project closure will be conducted as per UNDP requirements outlined in the UNDP POPP. All costs incurred to close the project must be included in the project closure budget and reported as final project commitments presented to the Project Board during the final project review. The only costs a project may incur following the final project review are those included in the project closure budget.

- **Operational Closure**: **Operational closure must happen within 9 months from project completion date.** Prior to operational closure, the Terminal Evaluation must have been submitted and the corresponding TE management response and the end-of-project review Project Board meeting must have been completed. The Implementing Partner through a Project Board decision will notify the UNDP Country Office when operational closure has been completed. Before Operational Closure, the project must have completed the transfer or disposal of any equipment that is still the property of UNDP.
- **Financial Closure: Financial closure must happen within 6 months of operational closure or after the date of cancellation.** The project will be financially closed when the following conditions have been met: a) the project is operationally completed or has been cancelled; b) the Implementing Partner has reported all financial transactions to UNDP; c) UNDP has closed the accounts for the project; d) UNDP and the Implementing Partner have certified a final Combined Delivery Report (which serves as final budget revision).
  Between operational and financial closure, the implementing partner will identify and settle all financial obligations and prepare a final expenditure report. The UNDP Country Office will send the final signed closure documents including confirmation of final cumulative expenditure and unspent balance to BPPS/NCE for confirmation before the project will be financially closed in Quantum by the UNDP Country Office.

Cancellation and Suspension: All projects considering going through cancellation or suspension must follow UNDP and GEF requirements. Guidance can be found in the UNDP POPP (SOPs for management actions of Vertical Fund projects escalated to the Executive Coordinator and Guidance for GEF project revisions).

[15] See https://popp.undp.org/_layouts/15/WopiFrame.aspx?sourcedoc=/UNDP_POPP_DOCUMENT_LIBRARY/Public/PPM_Project%20Management_Closing.docx&action=default.

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Refund to GEF: Should a refund of unspent funds to the GEF be necessary, this will be managed directly by the BPPS/NCE team Directorate in New York. No action is required by the UNDP Country Office on the actual refund from UNDP project to the GEF. Unspent project balance is not permitted to be transferred to any other projects.

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IX. TOTAL BUDGET AND WORK PLAN

Total Budget and Work Plan			
Quantum Business Unit	UNDP-LBN10		
Quantum Project ID:	01000611	Quantum Project Title:	Lebanon's First Biennial Transparency Reports, and a combined Fifth National Communication and Second Biennial Transparency Reports, to the United Nations Framework Convention on Climate Change (UNFCCC) - (BTR)
Quantum Award ID:	1133123	Quantum Award Title:	GEF-BTR1 FNC
UNDP-GEF PIMS No.	6676		
Implementing Partner	UNDP (Direct Implementation Modality)		

Quantum Outcome (GEF Component)	Quantum Output (GEF Outcome)	Quantum Activity (GEF Output)	Quantum Responsible Party	Quantum Budgetary Account Code	Quantum Budget Account Description	Amount Year 2023	Amount Year 2024	Amount Year 2025	Amount Year 2026	Amount Year 2027	Total (USD)	See BN:
Component 1. National inventory report of anthropogenic emissions by sources and removals by sinks of greenhouse gases.	*Outcome 1 GHG inventory updated and reported for 2022 (BTR1) and 2024 (5NC/BTR2)*	*Output 1.1 Information on GHG inventories and climate change within the national context will be updated*	*UNDP*	*71400*	*Contractual Services - Individual*	-	38,589	103,962	115,197	59,450	317,198	1
				71200	*International consultants*		13,000		13,000		26,000	2
		Total Output 1.1				**-**	**51,589**	**103,962**	**128,197**	**59,450**	**343,198**	
		The GHG inventory will be updated up to 2022 (BTR1) and 2024 (5NC/BTR2)	*UNDP*	*71300*	*Local Consultants*	30,000	25,000	6,300	6,300		67,600	3
				72400	*Communications and Audio-visual equipment*				15,328		15,328	4
				75700	*Trainings, workshops, conferences*		4,125	4,125	4,125	4,125	16,500	5
				72100	*Contractual Services - comp.*		50,000				50,000	6
				71600	*Travel*			4,482		4,482	8,964	7
		Total Output 1.2				**30,000**	**79,125**	**14,907**	**25,753**	**8,607**	**158,392**	
	Total Outcome 1					**30,000**	**130,714**	**118,869**	**153,950**	**68,057**	**501,590**	
Total Component 1						**30,000**	**130,714**	**118,869**	**153,950**	**68,057**	**501,590**	
Component 2: Information necessary to track progress made in implementing and achieving	*Outcome 2 Information necessary to track progress made in implementing and achieving nationally determined*	*Output 2.1 Information improved to track the progress reached in the implementation and achievements of the NDC under article 4 of the Paris Agreement*	*UNDP*	*71400*	*Contractual Services - Individual*	-	10,155	27,359	30,314	15,645	83,473	1
		Total Output 2.1				**-**	**10,155**	**27,359**	**30,314**	**15,645**	**83,473**	

Quantum Outcome (GEF Component)	Quantum Output (GEF Outcome)	Quantum Activity (GEF Output)	Quantum Responsible Party	Quantum Budgetary Account Code	Quantum Budget Account Description	Amount Year 2023	Amount Year 2024	Amount Year 2025	Amount Year 2026	Amount Year 2027	Total (USD)	See BN:
nationally determined contributions under Article 4 of the Paris Agreement .	*contributions under Article 4 of the Paris Agreement, including information on mitigation policies and measures collected*	*Output 2.2 GHG emissions and removals projections scenarios developed*	*UNDP*	*71300*	*Local Consultants*	-	10,000	10,000	10,077		30,077	8
		Total Output 2.2				**-**	**10,000**	**10,000**	**10,077**	**-**	**30,077**	
		Output 2.3 Description of the NDC and information on NDC mitigation actions and their effects	*UNDP*	72100	Contractual Services - comp.	40,000	40,000	50,000			130,000	9
		Total Output 2.3				**40,000**	**40,000**	**50,000**	**-**	**-**	**130,000**	
	Total Outcome 2					**40,000**	**60,155**	**87,359**	**40,391**	**15,645**	**243,550**	
Total Component 2						**40,000**	**60,155**	**87,359**	**40,391**	**15,645**	**243,550**	
Component 3: Information related to climate change impacts and adaptation under Article 7 of the Paris Agreement.	*Outcome 3 Information on climate change impacts and adaptation updated and reported*	*Output 3.1 Updated national circumstances and institutional arrangements for monitoring and reporting on NDC adaptation actions*	*UNDP*	*71400*	*Contractual Services - Individual*	-	8,124	21,887	24,252	12,516	66,779	1
		Total Output 3.1				-	8,124	21,887	24,252	12,516	66,779	
		Output3.2 Assessment of historic and projected climate scenarios for Lebanon will be improved and updated with the use of latest climate models:	*UNDP*	72100	Contractual Services - comp.		40,000				40,000	10
		Total Output 3.2				-	40,000	-	-	-	40,000	
		Output 3.3 Information related to averting, minimizing, and addressing loss and damage associated with climate change impacts in Lebanon will be collected.	*UNDP*	72100	Contractual Services - comp.			40,000			40,000	10
		Total Output 3.3				-	-	40,000	-	-	40,000	
		Output 3.4 Information on adaptation measures to climate change including adaptation priorities and barriers will be collected.	*UNDP*	72100	Contractual Services - comp.				40,061		40,061	10
		Total Output 3.4				-	-	-	40,061	-	40,061	
	Total Outcome 3					**-**	**48,124**	**61,887**	**64,313**	**12,516**	**186,840**	

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Quantum Outcome (GEF Component)	Quantum Output (GEF Outcome)	Quantum Activity (GEF Output)	Quantum Responsible Party	Quantum Budgetary Account Code	Quantum Budget Account Description	Amount Year 2023	Amount Year 2024	Amount Year 2025	Amount Year 2026	Amount Year 2027	Total (USD)	See BN:
Total Component 3						**-**	**48,124**	**61,887**	**64,313**	**12,516**	**186,840**	
Component 4: Information on financial, technology development and transfer and capacity-building support needed and received under Articles 9–11 of the Paris Agreement and Other Information	*Outcome 4 Information on financial, technology development and transfer and capacity-building support provided and mobilized, including other relevant information and supplemental NC chapters improved and reported*	*Output 4.1 Detailed description of the national circumstances and institutional arrangements in place to track and report on support needed and received, and mobilized*	*UNDP*	*71400*	*Contractual Services - Individual*	-	4,739	12,767	14,147	7,301	38,954	1
		Total Output 4.1				-	4,739	12,767	14,147	7,301	38,954	
		Output 4.2 Information on support needed and received for financing, technology transfer and capacity building are compiled and reported.	*UNDP*	71200	International consultants		20,000				20,000	11
		Total Output 4.2				-	20,000	-	-	-	20,000	
		Output 4.3 Update and report other relevant information (e.g. gender) including supplemental NC chapters (research and systemic observation; education, training, and public awareness)..	*UNDP*	72100	Contractual Services - comp.			20,036			20,036	
		Total Output 4.3				-	-	20,036	-	-	20,036	12
	Total Outcome 4					**-**	**24,739**	**32,803**	**14,147**	**7,301**	**78,990**	
Total Component 4						**-**	**24,739**	**32,803**	**14,147**	**7,301**	**78,990**	
Component 5: Publication and submission of combined BTR1/ and 5NC/BTR2 reports to the UNFCCC	*Outcome 5 Information on financial, technology development and transfer and capacity-building support provided and mobilized, including other relevant information and supplemental NC chapters improved and reported*	*Output 5.1 A stand-alone BTR1 report and a combined 5NC/BTR2 technically validated and submitted to the UNFCCC by December 2024 and December 2026 respectively*	*UNDP*	*71400*	*Contractual Services - Individual*	-	3,385	9,120	10,105	5,215	27,825	1
				72100	*Contractual Services - comp.*		7,500		7,500		15,000	13
				71300	*Local Consultants*		500	500	500	225	1,725	14
				74200	*Audiovisual and printing production costs*			6,000		6,000	12,000	15
		Total Output 5.1				-	11,385	15,620	18,105	11,440	56,550	
	Total Outcome 5					**-**	**11,385**	**15,620**	**18,105**	**11,440**	**56,550**	
Total Component 5						**-**	**11,385**	**15,620**	**18,105**	**11,440**	**56,550**	

Quantum Outcome (GEF Component)	Quantum Output (GEF Outcome)	Quantum Activity (GEF Output)	Quantum Responsible Party	Quantum Budgetary Account Code	Quantum Budget Account Description	Amount Year 2023	Amount Year 2024	Amount Year 2025	Amount Year 2026	Amount Year 2027	Total (USD)	See BN:
Monitoring and Evaluation (M&E)	*Outcome 6 Monitor and evaluate the project*	*M&E*	*UNDP*	*71400*	*Contractual Services - Individual*	-	-	14,800	20,400	10,506	45,706	16
				75700	*Training Workshop and Conference*	3,000		3,000		3,384	9,384	17
Total M&E						**3,000**	**-**	**17,800**	**20,400**	**13,890**	**55,090**	
Project Management Cost (PMC)	*PMC*	*PMC*	*UNDP*	*71400*	*Contractual Services - Individual*	-	2,708	29,496	38,684	19,930	90,818	18
				72500	*office supplies*		550	550	550	522	2,172	19
				74100	*Professional Services*					6,000	6,000	20
				72400	*Communication and audiovisual equipment*		6,300	1,900	1,900	1,300	11,400	21
Total Project Management Cost						-	9,558	31,946	41,134	27,752	110,390	
Total Project Grant						**73,000**	**284,675**	**366,284**	**352,440**	**156,601**	**1,233,000**	

Budget Notes

Budget Note No.	Budget Note (Description)
1	NPSA11: Full time Project Manager (PM)/Lead technical Advisor, responsible for strategic guidance and consultation of the programme in front of state agencies for increasing capacity of the programme and project cycle in addition to taking a lead and monitoring data collection, compilation of information (quality assurance) and implementation of mechanisms for stakeholder involvement and participation - cost of 42 months x 10,164 USD x 96% (409,812 USD) distributed across the 5 components as per the below table. Remaining 4% is covered by PMC and explained below (budget note 17). NPSA7: Full time Project Coordinator to coordinate activities of the project on all levels and review technical input and deliverables- in addition to assisting the PM in compilation of data for the GHG inventory, NDC tracking tool, tracking support received and needs and completing all reporting tables - cost of 27 months x 4,800 USD x 96% (124,416 USD) distributed across 5 outcomes as per the below table. Remaining 4% is covered by PMC.

Activities	Percent distribution of PM and PTA	Amount
Activity 1	57%	317,198
Activity 2	15%	83,473
Activity 3	12%	66,779
Activity 4	7%	38,954

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Budget Note No.	Budget Note (Description)
	Activity 5 | 5% | 27,824
2	International consultant to undertake the technical review of the GHG inventory prepared for BTR1 (review done in 2024) and 5NC/BTR2 (review done in 2026) at 1,000 USD per day for 26 days. Total= 26,000 USD.
3	National consultant in energy to develop a tier 2 emission factor for the energy GHG inventory, including cost of sampling and Lab analysis of fuel and collect activity data for the sector- 500 USD per day x 60 days= 30,000 USD National consultant in waste sector to collect and update activity data and parameters- 500 USD x 50 days= 25,000 USD National consultant to assist in the organization of dissemination events including ICT services, press relations and audience management – 3,150 USD per event for 4 events – 3,150 USD x 4 = 12,600 USD
4	IT equipment pertaining to the sustainable operation of the web- platform, its maintenance and purchase of any needed hardware/software and licenses, including security related items, given the confidentiality of the government information. Total: 15,328 USD
5	Costs for consultation workshops and meetings for the MRVCE and other stakeholders, 3 meetings a year for 4 years. USD 1,375 x 3 meetings x 4 years = 16,500 USD
6	International company to undertake an assessment of potential fugitive emissions from oil and gas activities in Lebanon and impact on NDC target with recommendations on potential national mitigation measures- 1,000 USD per day x 50 days = 50,000 USD
7	Travel: cost of participation in International Assessment and Reviews IAR for BTR1 and BTR2 and for at least 1 training for 2 people Travel costs are calculated based on 1,500 USD of estimated tickets cost for roundtrip to/from Beirut, 188 USD terminal cost and 300 USD DSA based on the established UNDP rates. TOTAL: International Trips =3; DSA =13days; (1500+188) x 3+300*13=8,964 USD
8	Expert for gender and social mainstreaming in BTRs and NC reports for 3 years 300 USD per day x 100 days = 30,000 USD + 76 USD contingency = 30,077 USD
9	Company to undertake assessment on installed solar energy systems in Lebanon using satellite imagery – 500 USD per day x 80 days = 40,000 USD Company to undertake social network analysis for non-state actors to identify climate related activities implemented by the private sector, NGOs, academia, and sub-national entities 1,000 USD per day x 40 days= 40,000 USD Company to assist in tracking progress of NDC and NDC update including following up on development and reporting of indicators and Scenario modeling for NDC – 1,000 USD x 50 days = 50,000 USD
10	Company to hire expert in adaptation to compile and analysis information on adaptation measures implemented in Lebanon and identify gaps and needs of key stakeholders - 500 USD per day x 80 days= 40,000 USD Company to undertake the assessment of loss and damage for Lebanon and to produce a risks assessment analysis and recommendations - 1,000 USD/day x 80 days= 80,000 USD + 61 USD Contingency = 80,061 USD
11	International consultant to determine support received through technology transfer and prepare guidance document on approach to track technology transfer to Lebanon -1,000 USD per day x 20 days= 20,000 USD
12	Company to develop communication material including stakeholders and beneficiaries' testimony videos, summaries of impacts of climate change activities on national development and social media posts and blogs – 500 USD per day x 40 days = 20,000 USD + 36 USD contingency = 20,036 USD
13	Company to design reports, infographics and visuals for BTR1 and 5NC/BTR2 – 7,500 USD per report x 2 reports =15,000 USD
14	Translator (man-day at 250 USD approximately, considering a fee of 20 USD/page translated) to translate needed deliverables into policy-making documents from English to Arabic, to encourage adoption at a higher level. around 1,725 USD
15	Printing and publication of materials (reports, papers, infographics) for BTR1 and 5NC/BTR2. All project outputs will be released for dissemination. 6,000 USD per report x 2 reports = 12,000 USD
16	NPSA6: M&E expert to lead on monitoring and evaluation tasks 40% of the cost for 27 months x 4,232 USD (45,706 USD)
17	M&E relevant workshops: Inception, mid-term and end of project with key stakeholders (3 workshops x 3,128= 9,384 USD)

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Budget Note No.	Budget Note (Description)
18	Project management costs (Project Manager- Lead technical Advisor NPSA 11- 4% of the cost of 42 months x 10,164 USD (17,075 USD) Project Coordinator, NPSA7- 4% of the cost of 27 months x 4,800 USD (5,184 USD) Project Associate_ Admin/Finance/M&E NPSA 6 60 % of the cost of 27 months x 4,232 USD (around 68,558 USD)
19	Office supplies such as cartridges, printing papers, courier, necessary to support project activities. Around USD 2,172
20	Audit costs estimated at 6,000 USD.
21	Cost for UNDP e-mail subscription fees including Office 360 (228 USD per staff per year), Zoom license (23.5 USD per staff per year), DocuSign (1.5 USD per envelope). Total: 700 USD per year x 4 years = 2,800 USD Cost for internet connection 100 USD per month for 36 months (3,600 USD) IT equipment and neded such as laptops and other audiovisual and communication equipment (2 laptops for the PMU team with accessories at 5,000 USD)

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X. LEGAL CONTEXT

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 10 February 1986. All references in the SBAA to "Executing Agency" shall be deemed to refer to "Implementing Partner."

This project will be implemented by the United Nations Development Programme ("Implementing Partner") in accordance with its financial regulations, rules, practices and procedures only to the extent that they do not contravene the principles of the Financial Regulations and Rules of UNDP. Where the financial governance of an Implementing Partner does not provide the required guidance to ensure best value for money, fairness, integrity, transparency, and effective international competition, the financial governance of UNDP shall apply.

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XI. RISK MANAGEMENT

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]16 [UNDP funds received pursuant to the Project Document]17 are used to provide support to individuals or entities associated with terrorism and that the recipients of any amounts provided by UNDP hereunder do not appear on the list maintained by the Security Council Committee established pursuant to resolution 1267 (1999). 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.

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 *[or the Supplemental Provisions to the Project Document]*, 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

[16] To be used where UNDP is the Implementing Partner
[17] To be used where the UN, a UN fund/programme or a specialized agency is the Implementing Partner

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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 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, 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 or corruption 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.

k. 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 this 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. Recovery of such amount by UNDP shall not diminish or curtail any responsible party's, subcontractor's or sub-recipient's obligations under this Project Document.

   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.

l. 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.

m. 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.

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n. 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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XII. MANDATORY ANNEXES

Annex 1: GEF Budget Template

Annex 2: GEF execution support letter

Annex 3: Project map and Geospatial Coordinates of project sites

Annex 4: Multi Year Work Plan

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Annex 6: UNDP Risk Register

Annex 7: Overview of Project Staff and Technical Consultancies

Annex 8: Stakeholder Engagement Plan

Annex 9: Environmental Social Management Framework (ESMF) and other SES frameworks/plans, if required

Annex 10: Gender Analysis and Gender Action Plan

Annex 11: Procurement Plan

Annex 12: Additional agreements

Annex 13: Signed LOA between UNDP and IP requesting UNDP Support Services (if required on exceptional basis and authorized by the GEF)

Annex 14: GEF CEO Endorsement/Approval

Annex 15: On-Granting Provisions Applicable to the Implementing Partner

Annex 16: Terms of Reference for Project Board and Project Team

Annex 17: GEF Core indicators

Annex 18: GEF Taxonomy

Annex 19: Results of the Partners Capacity Assessment Tool (PACT) and HACT Micro Assessment

Annex 20: UNDP Project Quality Assurance Report (to be completed in UNDP online corporate planning system)

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Annex 1: GEF Budget Template

The GEF budget is attached as a separate annext to the project document.

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Annex 2: GEF execution support letter

REPUBLIC OF LEBANON
MINISTRY OF ENVIRONMENT

22/9/2022
٢٢ أيلول ٢٠٢٢

Beirut,
Our Ref: 2339/13

Mr. Pradeep Kurukulasuriya
Director- Nature, Climate and Energy
Executive Coordinator- Environmental Finance
Bureau for Policy and Programme Support/Global Policy Network
United Nations Development Programme
304 East 45th Street, FF 914
New York, NY 10017, USA
pradeep.kurukulasuriya@undp.org

Dear Mr. Kurukulasuriya,

Subject: Request to support Lebanon in the development of the First Biennial Transparency report and the Fifth National Communication and Second Biennial Report as combined report under the UNFCCC

In its capacity as the Global Environment Facility (GEF) Focal Point, the Ministry of Environment would like to request support from UNDP in the development and execution of Lebanon's upcoming GEF Climate Change Enabling Activity project aimed at the preparation of Lebanon's First Biennial Transparency report and the Fifth National Communication and Second Biennial Report as combined report **through UNDP's Direct Implementation Modality.**

According to the latest UNFCCC guidelines and provision of the Paris Agreement, Parties need to further advance the transparency arrangements under the Convention and establish an Enhanced Transparency Framework (ETF), including the development of the first Biennial Transparency Report (BTR) by December 2024 (18/CMA.1, para.3).

Considering this, Lebanon's next stage of climate communication and transparency reporting to the UNFCCC should entail the preparation of the First Biennial Transparency report (BTR1) and the Fifth National Communication and Second Biennial Report (5NC/BTR2) as combined report of Lebanon, for which Lebanon intends to request support from the Global Environment Facility (GEF).

However, the Government does not have the capacity to undertake this work due to the financial and social-economic crisis that Lebanon is currently facing, and that has significantly and **negatively impacted and nearly halted the capacity of governmental institutions to operate**. Cuts in ministerial budgets for the last 2 years, limited and ever-decreasing technical and administrative resources, departure of key government staff as a result of the currency devaluation and therefore the drastic reduction in public sector salaries is hindering the Ministry of Environment to fulfill its international reporting commitments.

Ministry of Environment, Lazarieh Center, 7th Floor, Block A-4 Old
P.O.Box: 11/2727; Beirut-Lebanon. Tel: +(961)-1-976555 or 4-Digit Number: 1789; Fax: +(961)-1-976530
Home Page: www.moe.gov.lb

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In addition, all **foreign currency transfers** cannot be received at real value to the dollar given the exchange rate fluctuations and the constant devaluation of the currency (which has reached 90%) meaning that any financial transfers from international parties would be skewed in value. With the current government that is also not operating well, the Ministry of Environment **would not be able to receive any fund allocations** through the national budgetary process through the Ministry of Finance.

Furthermore, the Ministry of Environment has considered other implementing partners including NGOs to support on this task, however, the Ministry considers that there is **no partner other than** UNDP that has the technical and financial capacity needed to gather the sensitive data from national partners and to undertake complex data analysis as well as being perceived as a neutral and trusted partner in terms of institutional support in the climate sector (and beyond).

Therefore, the Ministry of Environment would like to request support from UNDP in undertaking this activity **through a Direct Implementation Modality,** which is considered as the most realistic and risk-free modality that would allow the implementation of all the project's activities and involve all relevant stakeholders to prepare and submit Lebanon's BTR1 and 5NC/BTR2 to the UNFCCC.

The Ministry of Environment would like to reiterate its acknowledgement of your valuable partnership and appreciates receiving your positive feedback on this initiative.

Minister of Environment
Nasser Yassin, PhD

Cc: - *United Nations Development Programme - Resident Representative Country Office Lebanon*
- *MoE- DGoE – Service of Registrar - Department of Public Relations and External Affairs*
- *MoE- DGoE - Service of Environmental Technology/ UNFCCC Focal Point*
- *MoE- DGoE - Service of Environmental Technology - Department of Air Quality*
- *MoE - Climate Change Projects*

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Annex 3: Project map and Geospatial Coordinates of project sites

This is a national project with no project sites.



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Annex 4: Multi Year Work Plan

Tasks	Year 1: 2023		Year 2: 2024				Year 3: 2025				Year 4: 2026				Year 5: 2027	
	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
Establishment of the PMU	X															
Inception workshop	X															
1.2.1. An inventory of anthropogenic emissions by sources and removals by sinks of GHGs, will be prepared	X	X	X				X	X	X							
1.2.2. Activity data will be collected for all sectors and GHG emissions will be calculated	X	X	X				X	X	X							
1.2.3. Information on precursor gases will be reported	X	X	X				X	X	X							
1.2.4 Common reporting tables will be completed			X	X				X	X							
1.2.5. A trend analysis will be conducted for the time series 1994 to 2022 and 1994 to 2024			X	X				X	X							
1.2.6. Collection of activity data of key categories will be strengthened for a more accurate calculation of emissions			X	X				X	X							
1.2.7. A cross sectoral and sector specific QA/QC procedure will be conducted and reported			X	X				X	X							
1.2.9. A qualitative uncertainty assessment will be reported			X	X				X	X							
1.2.9. Improved national Emission Factors (Efs) and Activity Data (AD) will be developed	X	X														
2.1.1 National circumstances and institutional agreements will be developed	X	X					X	X								
2.1.2 Indicators to track progress of the mitigation targets of the NDC will be developed and reported		X	X	X					X	X	X					
2.1.3 Information to update the NDC will be collected including policies and measures for mitigation, action, and plans, including those with collateral mitigation benefits arising from adaptation actions			X	X	X				X	X	X	X				
2.1.4 An assessment of whether Lebanon has achieved the target(s) for its NDC under Article 4 will be reported				X	X						X	X				

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Tasks	Year 1: 2023		Year 2: 2024				Year 3: 2025				Year 4: 2026				Year 5: 2027	
	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
2.2.1 Emissions and removal projections will be developed for key indicators to determine progress towards their NDCs under Article 4 of the Paris Agreement		X	X	X						X	X	X				
2.2.2 The methodology used to develop the GHG projections will be described		X	X	X						X	X	X				
3.1.1 Analysis of Lebanon's climate scenarios until 2100 will be undertaken based on latest models			X	X	X						X	X	X			
3.1.2 Climate projections will be updated under the recent relevant models for the region reported			X	X	X						X	X	X			
3.2.1 Loss and damage will be assessed to enhance understanding, action, and support to minimize and address loss and damage associated with climate change impacts							X	X	X	X						
3.2.2 Assessment report on losses and damages associated with the adverse effects of climate change in the country will be produced and reported under 5NC/BTR2										X						
3.3.1 Information on the implementation of adaptation measures including nature-based solutions, will be provided such as goals, objectives, undertakings, efforts and plans to build resilience in priority sectors				X	X							X	X			
3.3.2 National priorities and adaptation challenges and gaps will be identified				X	X							X	X			
3.3.3 Information on domestic systems to monitor and evaluate the implementation of adaptation actions will be updated				X	X							X	X			
4.1.1 The web-platform developed under CBIT, and the Donor Coordination Mechanism (DCM) designed under the climate promise project will be enhanced to effectively report information on financial, technology development and transfer and capacity-building support needed and received									X	X	X	X				

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Tasks	Year 1: 2023		Year 2: 2024				Year 3: 2025				Year 4: 2026				Year 5: 2027	
	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
4.1.2 Support needed will be compiled and reported in accordance with parts C, E, G and I of Chapter VI of the MPGs' Annex			X	X							X	X				
4.1.3 Support received will be updated for the period 2019-2022 and reported in accordance with parts D, F, H and I of Chapter VI of the MPGs' Annex			X	X	X						X	X				
4.1.4 An assessment on how best to report on technology transfer needs and tracking will be undertaken to focus efforts on Lebanon's technology needs and improve its reporting	X	X														
4.1.5 Information on the financial support needed by Lebanon will be reported or prepared In line with the GCF country programme and the NDC partnership plans.			X	X	X						X	X	X			
4.2.1 Research carried out to date on gender issues including social data disaggregated by sex in relation to the access, use and management of natural resources and the role of women and men in each sector of the economy, will be updated and reported.				X	X							X	X			
4.2.2 Information on research and systematic observation, education, capacity-building, citizen training and awareness will be updated												X	X			
5.1.1 The first BTR document will be compiled and submitted to the United Nations Framework Convention on Climate Change in December 2024						X										
5.1.2 The 5NC/BTR2 document will be compiled and submitted to the United Nations Framework Convention on Climate Change in December 2026														X		
5.1.3 The climate change webpage will be updated with the results of the BTRs and 5NC to strengthen the national relevance of UNFCCC reports as tools for spreading climate change awareness and for a more informed climate policy planning							X	X							X	X

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Tasks	Year 1: 2023		Year 2: 2024				Year 3: 2025				Year 4: 2026				Year 5: 2027	
	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
5.1.4 Technical outputs will be translated in Arabic and disseminated through infographics to better promote public and policy awareness related to climate change			X				X								X	
5.2.1 Project financial and progress reports will be prepared and reported															X	X
5.2.2 A monitoring and evaluation programme will be designed and implemented in accordance with UNDP/GEF guidelines.	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
5.2.3 Throughout the project implementation and after submission of the reports, documents will be compiled in conformity with UNDP-GEF requirements and CO specifications with corresponding updates in the Atlas if necessary	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

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Annex 5: UNDP Social and Environmental Screening Procedure (SESP)

The SESP is attached as a separate attachment to the project document.

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Annex 6: UNDP Risk Register

#	Event/ Description	Cause	Impact(s)	Risk Category and Sub-category *(including Risk Appetite)*	Impact, Likelihood & Risk Level	Risk Valid From/To	Risk Owner	Risk Treatment / Management Measures
1	Transparency failing to become a national priority	Priorities of the government are elsewhere	Climate agenda is not prioritized	Political	The project will not be given proper importance, nor will its findings and recommendations have given due attention and followed-up on. L = 2 I = 4 Moderate Risk	Throughout the project	UNDP Project Team	Political buy-in will be guaranteed from the beginning of the project by building on the ratification of the Paris Agreement by Parliament (March 2019) the Council of Ministers (September 2019) and the issuance of operational decrees among which the transparency framework.
2	Regional instability, national political instability, and economic crisis	Recurrent changes of government	Shifts in the government priorities towards more urgent matters	Political	National political instability and the current economic crisis shifts the government priority towards more urgent matters that have its repercussion on the implementation of the project. L = 3 I = 3 Substantial Risk	Throughout the project	UNDP Project Team	Political turmoil in the region can shift the government priority towards urgent matters such as the Syrian refugee crisis. This might delay project progress. National political instability and the current economic crisis shifts the government priority towards more urgent matters that have its repercussion on the implementation of the project. However, since the project is related to article 13 of the Paris Agreement, currently a national law in Lebanon, the legal grounds, and therefore, the obligation to abide by, will be used to implement the project. As for the economic crisis, it may slow down the delivery plan of the project.
3	Frequent change of government	Political turmoil and instabilities	Delay or jeopardize project deliverables.	Political	Political turmoil and instabilities have resulted in frequent changes in cabinet, which could slow down or jeopardize project deliverables.	Throughout the project	UNDP Project Team	Despite the frequent cabinet changes at irregular times, institutional memory will allow Lebanese institutions to sustain their operations.

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#	Event/ Description	Cause	Impact(s)	Risk Category and Sub-category *(including Risk Appetite)*	Impact, Likelihood & Risk Level	Risk Valid From/To	Risk Owner	Risk Treatment / Management Measures
					L = 4 I = 2 Substantial Risk			
4	Failure to retain capacities	The financial, economic and political situation in the country	Absence of capacity to follow-up and support on the submission of the report and for data collection and analysis.	Institutional	The BTR1 5NC/BTR2project outputs are influential on the long-term, which requires capacity retention from stakeholders. There is a risk to lose the knowledge accumulated throughout the project duration. L= 2 I = 3 Moderate Risk	Throughout the project	UNDP Project Team	Capacity building activities will be directed towards a group of relevant employees within each ministry, ensuring that a wider range of employees will receive the training and, thus that the capacity can be retained. In addition, the development of the knowledge platform will ensure that the technical knowledge provided by the project will be preserved in institutions.
5	Lack of abilities to gather, analyze and communicate data	Government institutions, public and private companies may be unwilling to provide data	Inability of the project to complete national communication reports	Institutional	Data availability is a major barrier to implementing the project, and the capabilities for data creation are also lacking. L = 4 I = 3 Moderate Risk	Throughout the project	UNDP Project Team	Adequate tools and methodologies will be developed by the project and made available on the knowledge platform for the established MRV network's use. Moreover, trainings to use the platform and increase transparency awareness will play a considerable role in enhancing those abilities.
6	Deficiency in incentives and institutional buy-in	Priorities government are elsewhere	Climate agenda is not prioritized	Institutional	National political instability and the current economic crisis shifts the government priority towards more urgent matters that have its repercussion on the implementation of the project.	Throughout the project	UNDP Project Team	The project will guarantee engagement through granting the sense of ownership to the respective assigned focal points. Moreover, the project will highlight how the transparency initiative complements other aspects of their work, for example by linking transparency reporting to SDG reporting.

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#	Event/ Description	Cause	Impact(s)	Risk Category and Sub-category *(including Risk Appetite)*	Impact, Likelihood & Risk Level	Risk Valid From/To	Risk Owner	Risk Treatment / Management Measures
					L = 3 I = 3 Moderate Risk			
7	Failure of the government agencies to be inclusive in the project assessments.	Government institutions may be unwilling to include all marginalized groups	Marginalized groups are not included in climate assessment and policy design	Institutional	Government agencies may fail to fully realize their obligations and responsibilities to respect, promote and mainstream human rights in relation to the proposed project and exclude potentially affected marginalized groups from fully participating in the project assessments. L = 2 I=2 Moderate Risk	Throughout the project	UNDP Project Team	Development of national reports will be done in a participatory manner to ensure commitment and ownership of all relevant institutions and stakeholders. The project will establish a permanent Working Group with relevant stakeholders including identified marginalized groups, Human rights experts, CSOs and other stakeholders that can facilitate the provision of accurate data and information and evaluate the impacts and risks of inadequate implementation and non-implementation of climate change policies, as well as possible social and environmental risks, including their impacts on marginalized groups. Developed reports, studies and data will be publicly available through extensive consultative process as an obligatory instrument.
8	Absence of/weak implementation of policies	Potential lack of qualified personnel to follow-up on the implementation of climate policies	Policies not or partially implemented	Institutional	Policies and interventions that are developed with support from the project may not be implemented properly and/or may lead to indirect/unintended environmental and/or social impacts.	Throughout the project	UNDP Project Team	The project does not directly develop policies but provides an assessment of the Lebanon's climate impacts and assesses information on adaptation measures including priorities and barriers. To avoid the biased assessment, the project will ensure the gender-disaggregated data and/or collect data

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#	Event/ Description	Cause	Impact(s)	Risk Category and Sub-category *(including Risk Appetite)*	Impact, Likelihood & Risk Level	Risk Valid From/To	Risk Owner	Risk Treatment / Management Measures
					I = 2, L= 1 Substantial Risk			based on gender-specific indicators, and develop a needs-based action plan climate adaptation that supports the most marginalized people, more specifically women, in addressing unavoidable climate impacts.
10	Lack of gender disaggregated data	Lack of technical knowledge in collecting in disaggregating data by gender	Inability to complete a gender disaggregated climate change assessment	Operational	The absence of gender disaggregated data and information may affect gender sensitivity of BTR1 and NC5/BTR2 I = 2 L = 2 Low Risk	Throughout the project	UNDP Project Team	The gender mainstreaming approach adopted in this project will help Lebanon fulfil its SDG 5 target. A Gender Action Plan has been developed for this project to promote gender balance in consultations, workshops, and trainings, as well as including gender considerations and indicators in institutional arrangements and web-based platform. The detailed action plan with corresponding indicators is included in Annex 10 of the Project Document.
11	Climate change impacts affect project implementation and project results	Lebanon is at risk of climate change impacts, including increase in extreme events	Delay or jeopardize project deliverables.	Operational	Lebanon is at risk of climate change impacts, based on the Vulnerability and Adaptation assessments performed as part of National Communications. The modelling (Regional Initiative for the Assessment of the Impact of Climate Change on Water Resources in the Arab Region (RICCAR), led by the United Nations Economic and Social commission for Western Asia (ESCWA), the results of an ensemble of projections for Lebanon show an increase of 1.2°C and 1.7°C (RCP4.5 and RCP8.5, respectively) by mid-	Throughout the project	UNDP Project Team	These climate impacts will not affect the BTR1 5NC/BTR2 project outputs in the short-term nor long-term. The project is of an institutional nature for capacity-building.

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#	Event/ Description	Cause	Impact(s)	Risk Category and Sub-category *(including Risk Appetite)*	Impact, Likelihood & Risk Level	Risk Valid From/To	Risk Owner	Risk Treatment / Management Measures
					century (2046-2065) and up to 3.2°C by 2100 compared to the baseline period of 1986-2005 A decrease in precipitation of 4 to 11% is projected (RCP4.5 and RCP8.5, respectively), with drier conditions by the end of the century (up to 5.8 mm decrease in average monthly precipitation). RICCAR results show increasing trends of warming, reaching up to 43 additional days with maximum daily temperature higher than 35°C. L = 4 I = 1 Low Risk			
12	Non-adequate climate mitigation and adaptation measures	Inaccurate or incorrect information related to current vulnerabilities, impacts of climate change	Generate negative results from design and implementation of projects.	Operational	Generation of inaccurate or incorrect information related to current vulnerabilities, impacts of climate change and disasters related to climate change that could be used by the country's authorities for specific activities (infrastructure, urban settlements, production agriculture, detection and early warning of extreme hydrometeorological events, for example) and generating a negative result. Lack and low quality of data on GHG emissions per sector can	Throughout the project	UNDP Project Team	The project will put special emphasis enhancing capacities on collection and preparation of the quality climate data and GHG emissions per sector and to design appropriate climate mitigation and adaptation measures. This will be critically and appropriately scrutinized and examined through the involvement of technical experts to ensure that the recommended procedures and measures are applicable.

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#	Event/ Description	Cause	Impact(s)	Risk Category and Sub-category *(including Risk Appetite)*	Impact, Likelihood & Risk Level	Risk Valid From/To	Risk Owner	Risk Treatment / Management Measures
					result in non-adequate climate mitigation scenario and impact relevance of mitigation measures. I = 2 L =2 Moderate Risk			
	COVID-19 pandemic may result in delays in government institutions' response and engagement in the project	Effects of the COVID-19 pandemic are still present within personal interactions	Delay or jeopardize project deliverables.	Operational	Prioritization of climate transparency elements compared to tackling and feeling the effects of the COVID-19 pandemic will be difficult, and therefore there is a risk of delay in project deliverables, or lack of engagement. L= 2 I= 4 Low Risk	Throughout the project		Virtual platforms to engage stakeholders have now been mainstreamed, and its results have proved effective. The project activities will employ this method for consultations and trainings when physical presence is not possible.

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Annex 7: Overview of Technical Consultancies/Subcontracts

Consultant	Time Input	Tasks, Inputs and Outputs
For Project Management		
Local / National contracting		
Project Manager /Lead technical Advisor *NPSA 11*		*The Project Manager/ Lead Technical Advisor will be responsible for the overall management of the project, including the mobilization of all project inputs, supervision over project staff, consultants and sub-contractors.* *<u>Duties and Responsibilities</u>* *<u>Project Management (4%)</u>* • *Manage the overall conduct of the project.* • *Plan the activities of the project and monitor progress against the approved workplan.* • *Execute activities by managing personnel, goods and services, training and low-value grants, including drafting terms of reference and work specifications, and overseeing all contractors' work.* • *Monitor events as determined in the project monitoring plan, and update the plan as required.* • *Provide support for completion of assessments required by UNDP, spot checks and audits.* • *Manage requests for the provision of UNDP financial resources through funding advances, direct payments or reimbursement using the FACE form.* • *Monitor financial resources and accounting to ensure the accuracy and reliability of financial reports.* • *Monitor progress, watch for plan deviations and make course corrections when needed within project board-agreed tolerances to achieve results.* • *Ensure that changes are controlled, and problems addressed.* • *Perform regular progress reporting to the project board as agreed with the board, including measures to address challenges and opportunities.* • *Prepare and submit financial reports to UNDP on a quarterly basis.* • *Manage and monitor the project risks – including social and environmental risks - initially identified and submit new risks to the Project Board for consideration and decision on possible actions if required; update the status of these risks by maintaining the project risks log;* • *Prepare revisions to the multi-year workplan, as needed, as well as annual and quarterly plans if required.* • *Prepare the inception report no later than one month after the inception workshop.* • *Ensure that the indicators included in the project results framework are monitored annually in advance of the GEF PIR submission deadline so that progress can be reported in the GEF PIR.* • *Prepare the GEF PIR;* • *Assess major and minor amendments to the project within the parameters set by UNDP-GEF;* • *Monitor implementation plans including the gender action plan, stakeholder engagement plan, and any environmental and social management plans;* • *Monitor and track progress against the GEF Core indicators.* • *Support the Mid-term review and Terminal Evaluation process.*

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Consultant	Time Input	Tasks, Inputs and Outputs
		Advisory support: • *Provide upstream policy and technical advice to the Ministry of Environment and UNDP on climate change issues* • *Support the national focal point in the UNFCCC negotiations.* • *Identify and link to related ongoing activities within other institutions and encourage collaboration and synergies.* • *Mobilize resources for the climate change portfolio through funding agencies and the government.* • *Represent the project as requested in relevant national seminars, meetings of work groups and panels, and project periodic evaluation and review meetings.* *Technical and advisory tasks under component 1 (57%):* • *Prepare TORs and work specifications for key technical experts under Component 1 and technically supervise consultants and sub-contractors* • *Review and validate of data relevant to national circumstances relevant to the GHG inventory, NDC progress tracking, adaptation communication and support received and needed.* • *Identify and describe institutional arrangements relevant to the preparation of the BTRs and NC and to the implementation of the NDC* • *Foster strategic partnerships with key stakeholders to move the climate change programme forward;* • *Review and validate barriers and areas of improvements to improve reporting requirements of BTRs and NCs* • *Lead the compilation data and calculate inventory for energy, IPPU, AFOLU and Waste as per the 2006 IPCC guidelines and 2019 refinement when appropriate* • *Perform and report trend analysis, Key Category analysis, uncertainty assessment, QA/QC* • *Draft the chapter on Lebanon's GHG inventory for BTR1 and 5NC/BTR2 including common reporting tables as per Annex I of 5/CMA.3* *Technical and advisory tasks under component 2 (15%):* • *Prepare TORs and work specifications for key technical experts under Component 2 and technically supervise consultants and sub-contractors* • *Review and validate data relevant tracking NDC progress, including BAU and NDC scenario assumptions and methodology for emission reduction calculation.* • *Review and validate data, methodology and assumptions related to GHG emission projections* • *Review and validate barriers and areas of improvements for the tracking of NDC progress* • *Draft the chapter on tracking progress of NDC for BTR1 and BTR2* *Technical and advisory tasks under component 3 (12%):*

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Consultant	Time Input	Tasks, Inputs and Outputs
		• *Prepare TORs and work specifications for key technical experts under Component 3 and technically supervise consultants and sub-contractors.* • *Review and validate latest data on climate risks assessments in Lebanon and loss and damage assessment* • *Review and validate barriers of implementation of adaptation under NDC and areas for improvements* • *Draft the chapter on adaptation for the BTR1, 5NC and BTR2* *Technical and advisory tasks under component 4 (7%):* • *Prepare TORs and work specifications for key technical experts under Component 4 and technically supervise consultants and sub-contractors.* • *Lead on the operationalization of the MRV platform to collect information on climate action and support received* • *Review and validate data, barriers and areas for improvements for reporting support needed and receivedDraft Chapter on support received and needed for BTR1 and 5NC/BTR2* • *Technical and advisory tasks under component 5 (5%):Integrate the project results and findings within other ministerial strategies and policies;* • *Prepare any follow-on project proposals as per the needs identified by UNDP/donor;* • *Monitor and facilitate advocacy and mass media outreach activities, write success stories, ensure newspapers coverage, participate in PR campaigns.*
Project Coordinator *NPSA7*		*<u>Duties and Responsibilities</u>* *Under the guidance and supervision of the Project Manager, the Project Coordinator will carry out the following tasks:* *Project management support (4%)* • *Assist the Project Manager in day-to-day management and oversight of project activities;* • *Assist the M&E officer in matters related to M&E and knowledge resources management;* • *Assist in the preparation of progress reports;* • *Ensure all project documentation (progress reports, consulting and other technical reports, minutes of meetings, etc.) are properly maintained in hard and electronic copies in an efficient and readily accessible filing system, for when required by PB, TAC, UNDP, project consultants and other PMC staff;* *Technical tasks under component 1 (57%):* • *Collect relevant data and draft sections on national circumstances relevant to the GHG inventory, NDC progress tracking, adaptation communication and support received and needed.* • *Identify and analyse barriers and areas of improvements to improve reporting requirements of BTRs and NCs*

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Consultant	Time Input	Tasks, Inputs and Outputs
		• *Assist in the compilation of data and calculation of GHG inventory* • *Assist in the preparation of trend analysis, Key Category analysis, uncertainty assessment, QA/QC* • *Assist in drafting the chapter on Lebanon's GHG inventory including common reporting tables as per Annex I of 5/CMA.3* *Technical tasks under component 2 (15%):* • *Liaise with relevant stakeholders and identify approach of engagement* • *Collect data relevant tracking NDC progress, including BAU and NDC scenario assumptions and methodology for emission reduction calculation.* • *Identify and summarize barriers and areas of improvements for the tracking of NDC progress* • *Assist in drafting the chapter on tracking progress of NDC* *Technical tasks under component 3 (12%):* • *Compile and summarize latest data on climate risks assessments in Lebanon* • *Compile and Summarize progress and results of GCF/NAP project* • *Identify and summarize barriers of implementation of adaptation under NDC and areas for improvements* • *Assist in drafting the chapter on adaptation for the BTR1, 5NC and BTR2* *Technical tasks under component 4 (7%):* • *Compile data related to financial, technology development and transfer and capacity-building support needed and received* • *Identify and summarize barriers and areas for improvements for reporting support needed and received* • *Assist in drafting chapter on support needed and received* *Technical tasks under component 5 (5%):* • *Compile and edit all chapters related to the preparation of BTR1 and 5NC/BTR2* • *Prepare documents and information published on the climate change webpage and related social media* • *Capture and report lessons learned during project implementation.*
Project Associate, NPSA 6		*<u>Duties and Responsibilities</u>* *Administrative and Financial Management (60%)* • *Keep records of project funds and expenditures, and ensure all project-related financial documentation are well maintained and readily available when required by the Project Manager;* • *Review project expenditures and ensure that project funds are used in compliance with the Project Document and GoI financial rules and procedures;*

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Consultant	Time Input	Tasks, Inputs and Outputs
		• *Validate and certify FACE forms before submission to UNDP;* • *Provide necessary financial information as and when required for project management decisions;* • *Provide necessary financial information during project audit(s);* • *Review annual budgets and project expenditure reports, and notify the Project Manager if there are any discrepancies or issues;* • *Consolidate financial progress reports submitted by the responsible parties for implementation of project activities;* • *Liaise and follow up with the responsible parties for implementation of project activities in matters related to project funds and financial progress reports.* • *Provide PMU-related administrative and logistical assistance;* • *Organize and coordinate workshops , consultation meetings and dissemination events* *M&E tasks under Component 6 (40%)* • *Provide technical guidance for the implementation of the project M&E plan.* • *Implement M&E activities and knowledge resources management.* • *Organize M&E related workshops needed during the project.* • *Assit in drafting inception, progress and final reports on M&E*
For Technical Assistance		
Component 1		
Local / National contracting		
National experts (2) to develop emission factors and activity data Rate: 55,000 USD	110 days	National experts will be responsible for the following tasks: - Conduct the needed assessment to develop national emission factors (carbon content) for the energy sector to move the calculation to tier 2 - Review Activity Data (AD) waste and collect relevant information to improve quality of AD used for GHG inventory
National expert Total: 12,600 USD	Across 4 years	Assist in the organization of dissemination events including ICT services, press relations and audience management for 4 events
International / Regional and global contracting		
International consultant Rate: 26,000 USD	26 days	Undertake the technical review of the GHG inventory prepared for BTR1 (review done in 2024) and 5NC/BTR2 (review done in 2026)

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Consultant	Time Input	Tasks, Inputs and Outputs
International company Rate: 50,000 USD	50 days	Undertake an assessment of potential fugitive emissions from oil and gas activities in Lebanon and impact on NDC target with recommendations on potential national mitigation measures
Component 2		
Local / National contracting		
Company/professional services Total: 40,000 USD	80 days	Undertake assessment on installed solar energy systems in Lebanon using satellite imagery
National expert Total: 30,000 USD	100 days	Mainstream gender and social considerations in BTRs and NC reports
Company/professional services Total: 40,000 USD	40 days	Undertake social network analysis for non-state actors to identify climate related activities implemented by the private sector, NGOs, academia and sub-national entities
International / Regional and global contracting		
International consultancy Rate: 50,000 USD	50 days	Assist in tracking progress of NDC and NDC update including following up on development and reporting of indicators and Scenario modeling for NDC
Component 3		
Local / National contracting		
Company/professional services Total: 40,000 USD	80 days	Compile and analysis information on adaptation measures implemented in Lebanon and identify gaps and needs of key stakeholders
International / Regional and global contracting		
International consultancy company Rate: 80,000 USD	80 days	Undertake the assessment of loss and damage for Lebanon and to produce a risks assessment analysis and recommendations
Component 4		
Local / National contracting		
Company/professional services Total: 20,000 USD	40 days	Develop communication material including stakeholders and beneficiaries' testimony videos, summaries of impacts of climate change activities on national development and social media posts and blogs

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Consultant	Time Input	Tasks, Inputs and Outputs
International / Regional and global contracting		
International consultant Total: 20,000 USD	20 days	Determine support received through technology transfer and prepare guidance document on approach to track technology transfer to Lebanon
Component 5		
Local / National contracting		
Company/professional services Total: 15,000 USD	Across 4 years	Design reports, infographics and visuals for BTR1 and 5NC/BTR2

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Annex 8: Stakeholder Engagement Plan

In order to effectively implement the BTR1 5NC/BTR2 components and activities, constant consultations and workshops will be conducted throughout the project. The project deliverables are relevant for a number of stakeholders; therefore, the project will need to employ constant validation processes in order to achieve deliverable ownership and sustainability of outcomes.

Stakeholders will be engaged throughout the project implementation, as all activities necessitate a close coordination and involvement of data providers, technical experts, and decision makers.. The overall budget for consultations, workshops and dissemination event is equivalent to USD 12,000.

Stakeholder	Role
Ministry of Environment	GHG inventory compiler. AD of the waste sector and cement production. Leading vulnerability and adaptation consultations. Report on mitigation actions. Involvement in GHG emission projection scenarios
Ministry of Agriculture	AD and mitigation analysis of the agriculture sector. Involvement in vulnerability and adaptation consultations. Report on mitigation actions Involvement in GHG emission projection scenarios
Ministry of Energy and Water	AD and mitigation analysis of the energy and waste/wastewater sector. Involvement in vulnerability and adaptation consultations. Report on mitigation actions Involvement in GHG emission projection scenarios
Ministry of Public Works and Transport	AD and mitigation analysis of transport, road infrastructure Involvement in vulnerability and adaptation consultations Involvement in GHG emission projection scenarios
Ministry of Interior and Municipalities	Involvement in vulnerability and adaptation consultations
Ministry of Public Health	Involvement in vulnerability and adaptation consultations
Ministry of Higher Education	Mainstreaming climate change in lebanese educational material Involvement in vulnerability and adaptation consultations
Ministry of Social Affairs	Involvement in vulnerability and adaptation consultations
Ministry of Industry	AD and mitigation analysis of the industrial sector Involvement in GHG emission projection scenarios
Association of Lebanese industrialists	AD and mitigation analysis of the industrial sector Involvement in GHG emission projection scenarios
Directorate General of Customs	AD and mitigation analysis of the industrial and agricultural sector
Directorate General for civil aviation	AD on civil aviation
Council for Development and Reconstruction	AD for the waste/wastewater sector Involvement in vulnerability and adaptation consultations Report on mitigation actions Advisory role in identification of mitigation options Involvement in GHG emission projection scenarios
Electricity of Lebanon (Electricite du Liban)	AD of electricity generation Report on mitigation actions Advisory role in identification of mitigation options Involvement in GHG emission projection scenarios
Central Administration of Statistics	Data provider for GHG inventory, archiving and socio-economics scenarios Involvement in vulnerability and adaptation consultations

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Stakeholder	Role
University of Balamand	AD and mitigation analysis of AFOLU Involvement in vulnerability and adaptation consultations. Involvement in GHG emission projection scenarios
National Council for Scientific Research	Data provider for AFOLU Involvement in vulnerability and adaptation consultations. Involvement in GHG emission projection scenarios
Lebanese Center for Energy Conservation	AD for the energy sector Report on mitigation actions Advisory role in identification of mitigation options Involvement in GHG emission projection scenarios
SDG committee	Input in establishing linkages between development policies and climate change Involvement in vulnerability and adaptation consultations. Involvement in GHG emission projection scenarios
UN ESCWA	Involvement in vulnerability and adaptation consultations.
World Health ORganization	Involvement in vulnerability and adaptation consultations
Lebanese Meteorological Services	Data provider Involvement in vulnerability and adaptation consultations.
Municipalities	Report on mitigation actions Advisory role in identification of mitigation options Involvement in vulnerability and adaptation consultations. Involvement in GHG emission projection scenarios
Economic, Social Council	Report on mitigation and adaptation actions Advisory role in identification of mitigation and adaptation options Involvement in vulnerability and adaptation consultations. Involvement in GHG emission projection scenarios
International Organizations (UNEP, UNICEF, ESCWA, WFP, FAO, WB, EU, GIZ, etc.)	Report on mitigation actions or projects Involvement in vulnerability and adaptation consultations or actions in implemented or developed projects Involvement in GHG emission projection scenarios
Civil society and non-governmental organizations (IndyAct, Lebanon Eco Movement, The Lebanese Association for Energy Saving and for Environment, and Society for the Protection of Nature in Lebanon amongst others)	Report on climate change related initiatives Advisory role in identification of mitigation options Involvement in vulnerability and adaptation consultations. Involvement in GHG emission projection scenarios
American Univeristy of Beirut – Issam Fares Iinstitute for public policy (IFI)	Advancing research on climate change Advisory role in identification of mitigation options Involvement in vulnerability and adaptation consultations.
Private sector	Report on mitigation and adaptation actions and funding channels Identification of mitigation and adaptation options Involvement in vulnerability and adaptation consultations Involvement in GHG emission projection scenarios

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Annex 9: Environmental Social Management Framework (ESMF) and other SES frameworks/plans

Not required for EA

Annex 10: Gender Analysis and Gender Action Plan

National reporting processes can be a meaningful entry point for training, awareness-raising, and capacity-building efforts to ensure women's equal engagement in and benefit from climate change action. Preparation of reports can also influence other, ongoing climate change planning and policymaking processes.

A Gender Action Plan has been developed for this project to promote gender balance in consultations, workshops, and trainings, as well as including gender considerations and indicators (developed by the NDC Support Programme NDCSP) in institutional arrangements and web-based platform. The detailed action plan with corresponding indicators can be found below.

The Ministry of Environment already endeavored in gender mainstreaming in its Third and Fourth National Communications and will try to deepen the practice in other reporting procedures. The proposed BTR project will integrate aspects of gender equality and women's empowerment, where applicable. Additionally, the project will keep track of gender mainstreaming using progress indicators in its reporting. The MRV Coordinating Entity (MRVCE) developed under CBIT will also request information on gender representation in the MRV network and beyond through a higher representation of women (at least 30%) at all levels, which will also be reported. The project component of capacity-building will also focus on enhancing women's skills, as well as on enhanced understanding of gender dimensions of climate change from the side of the MoE.

The NDC Support Programme (NDCSP) project at the Ministry of Environment enhanced gender integration into climate planning through a gender-responsiveness assessment of the policies and activities included in Lebanon's NDC, among others. The assessment intended to valuate Lebanon's baseline, assess the policies that make up Lebanon's NDC in terms of gender, and provide recommendations for integrating gender aspects into climate-relevant policies. Moreover, recommendations were provided to mainstream gender in all climate reporting tools. The NDCSP developed indicators to track gender-responsiveness as part of climate action, which will be used in this project.

The 4NC/BUR3 project, which was closed in May 2023, has also collected information and better understood the national conditions of men and women in the context of climate change planning, implementation, and reporting. Therefore, not only will the activities analyze gender and climate change (using gender disaggregated data where possible) from several aspects, they will also allow a deeper understanding of gender dynamics with a focus on institutions and their coordination mechanisms (gender trends, structures of decision-making bodies, current coordinating mechanisms, gender diversity in participating institutions).

National reporting processes can be a meaningful entry point for training, awareness-raising, and capacity-building efforts to ensure women's equal engagement in and benefit from climate change action. Preparation of reports can also influence other, ongoing climate change planning and policymaking processes.

Previous NC/BUR projects addressed Gender mainstreaming into national reporting process in the following ways:

- Lebanon has been seeking to improve the gender responsiveness of its climate policies and climate action. To support this, a Gender Analysis was carried out to assess various aspects of the governance, policy and planning processes related to climate change and gender equality. Prioritized sectors included energy, waste, and water.
- A set of Standard Operating Procedures (SOPs) have been developed to assist ministries in integrating gender into policies and strategies and climate reporting and planning.
- Indicators were developed and proposed to assess gender integration in sectoral policies (Energy, waste and water sectors)

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This project will apply the "GENDER RESPONSIVE NATIONAL COMMUNICATIONS TOOLKIT[18]" developed by the Global Support Program (GSP) through UNDP and in collaboration with UNEP and GEF and its updated version upon its availability. In line with the GEF SEC's policy on gender equality[19] and Guidance to advance gender equality in GEF projects and programs[20], project will prepare and finalize Gender analysis and Gender action plan[21] during its inception phase.

Gender analysis will follow the structure of five priority areas of UNFCCC Gender Action:

- Capacity building, knowledge sharing and communications.
- Gender balance, participation, and women´s leadership
- Coherence
- Gender responsive implementation and means of implementation.
- Monitoring and reporting.

An initial stocktaking and gender analysis across all areas – and inclusion of stakeholders who understand gender issues in relation to their sectors – will be conducted to assess and understand where deeper analysis and action is required. The areas where data and information on gender and climate change is not available will be identified with priorities and steps to fill gaps.

The update of the national circumstances under each component will disaggregate relevant data by sex with the objective to better understand how the social and economic differences between men and women affects the capability of dealing with mitigating and adapting to climate change. Seeing that women are being acknowledged as agents of change who make important contributions to climate change adaptation and mitigation, a gender perspective will be incorporated in the climate change impacts and adaptation and NDC progress assessment and preparation of mitigation actions.

For all analysis included in the project, gender-disaggregated data from national statistical agency and international approved sources for the following topics: education level, employment by economy sectors and other sectors identified as GHG emitters, gender pay gap (general and by sectors), leadership, economic empowerment, and health among others will be included to summarize status of women and men nationally and by sector.

The Project will provide capacity-building in relation to NC/BTR purpose and content, gender issues in environment and their role in the NC/BTR processes if necessary.

The project will encourage the active participation of women and men in decision-making processes. Gender balance will be considered in project management structures and capacity building actions (trainings, workshops).

In line with the GEF SEC's policy on gender equality and Guidance to advance gender equality in GEF projects and programs, a Gender action plan, seen below, has been prepared for the project.

This Gender Action plan provides suggested entry points for gender-responsive actions to be taken under each of the Activity areas of the project. In addition, specific indicators are also proposed to measure and track progress on these actions at the activity level. Any gender-related adverse impact is avoided, minimized and/or mitigated, and gender balance and considerations are promoted in the different project activities. In addition, gender-specific budget has been allocated for each project activity.

[18] https://www.un-gsp.org/sites/default/files/documentos/undp_gender_responsive_national_communications_toolkit_0.pdf
[19] http://www.thegef.org/sites/default/files/council-meeting-documents/EN_GEF.C.53.04_Gender_Policy.pdf
[20] http://www.thegef.org/sites/default/files/council-meeting-documents/EN_GEF.C.54.Inf_.05_Guidance_Gender_0.pdf
[21] Guide to Conducting a Participatory Gender Analysis and Developing a Gender Action Plan for projects supported by UNDP with GEF financing: https://intranet.undp.org/unit/bpps/sdev/gef/_layouts/15/WopiFrame.aspx?sourcedoc=/unit/bpps/sdev/gef/Gender%20Library/UNDP%20GEF%20Guidance.%20How%20to%20conduct%20gender%20analysis%20and%20gender%20action%20plan.pdf&action=default

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Objective	Actions	Indicator and Target	Timeline	Responsible Institutions
Outcome 1: Update and report the GHG inventory for 2022 (BTR1) and 2024 (5NC/BTR2):				
Output 1.2: The GHG inventory updated up to 2022 (BTR1) and 2024 (5NC/BTR2) for Energy, Industrial Processes and Product Use (IPPU), Agriculture, Forestry and Other Land Use (AFOLU) and Waste using 2006 IPCC guidelines, and its 2019 refinement to the extent possible A trend analysis for the time series 1994 to 2022/2024 performed.				
1.2.2 Activity data will be collected for all sectors and GHG emissions will be calculated using IPCC revised 2006 guidelines and 2019 refinement when applicable, in accordance with paragraphs 20 to 24 of the MPGs' Annex, as well as the IPCC Fifth Assessment Report GWP values as per paragraph 37.	Engage gender specialists from government, private sector and civil society to develop gender analysis framework for GHG data collection across sectors within the national context Ensure work plan highlights categories where gendered divisions of labour indicate scope for in-depth gender analysis Where GHG inventories connect to social data, ensure collection of sex-disaggregated data, identify gaps in data and include consideration of gender issues in strategies to overcome data constraints	<u>Indicator:</u> Gender and social inclusion concerns identified during the consultations and addressed in project activities <u>Baseline:</u> 0 <u>Target:</u> Integration of gender considerations in GHG data collection and inventory development	Year 1 – 3	Ministries implementing mitigation and adaptation strategies MRVCE Consultants
Outcome 2: Collect information necessary to track progress made in implementing and achieving nationally determined contributions under Article 4 of the Paris Agreement, including information on mitigation policies and measures				
Output 2.1: Information improved to track the progress reached in the implementation and achievements of the NDC under article 4 of the Paris Agreement				

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Objective	Actions	Indicator and Target	Timeline	Responsible Institutions
2.1.2 Indicators to track progress of the mitigation targets of the NDC will be developed under CBIT will be used as appropriate, in accordance with paragraphs 65 to 69 of the MPGs' Annex.	Include gender-disaggregated data and/or collect data based on gender-specific indicators	Indicator: Gender and social inclusion concerns identified during the consultations and addressed in project activities Baseline: 0 Target: Integration of gender considerations in assessing project activities and tracking NDC achievement	Year 1 – 3	Ministries implementing mitigation and adaptation strategies MRVCE Consultants
2.1.3 - Information that supports the implementation of the NDC will be collected and reported including policies and measures for mitigation, action, and plans, including those with collateral mitigation benefits arising from adaptation actions.	Include the use of gender disaggregated data collection and/or gender-specific indicators; and consider how national gender policies can be assessed and incorporated into sectoral strategies and action plans	Indicator: Percentage of women in consultation meetings Baseline: 20% Target: 30% Indicator: Number of policies and action plans with gender considerations Baseline: 0 Target: 2	Years 1 – 3	Ministries implementing mitigation and adaptation strategies MRVCE Consultants
Outcome 3: Update and report information on climate change impacts and adaptation				
Output 3.3: Information related to averting, minimizing, and addressing loss and damage associated with climate change impacts in Lebanon will be collected				

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Objective	Actions	Indicator and Target	Timeline	Responsible Institutions
3.3.1 - Loss and damage will be assessed to enhance understanding, action, and support to minimize and address loss and damage associated with climate change impacts, considering projected changes in climate-related risks, vulnerabilities, adaptive capacities, and exposure.	Develop a needs-based action plan on loss and damage that supports the most marginalized people, more specifically women, in addressing unavoidable climate impacts	Indicator: Percentage of women in impacted communities Baseline: N/A Target: Percentage of women in impacted communities	Year 1 – 3	MRVCE Consultants
Output 3.4: Information on adaptation measures to climate change including adaptation priorities and barriers will be collected				
3.4.1: Information on the progress on implementation of priority adaptation measures including nature-based solutions will be reported, such as goals, objectives, undertakings, efforts and plans to build resilience in priority sectors.	Include gender-disaggregated data and/or collect data based on gender-specific indicators	Indicator: Percentage of women in consultation meetings Baseline: 20% Target: 30%	Year 1 – 3	Ministries implementing mitigation and adaptation strategies MRVCE Consultants
Outcome 4: Improve and report information on financial, technology development and transfer and capacity-building support provided and mobilized, including other relevant information and supplemental NC chapters				
Output 4.2: Information on support needed and received for financing, technology transfer and capacity building are compiled and reported				

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Objective	Actions	Indicator and Target	Timeline	Responsible Institutions
4.2.1: The web-platform developed under CBIT, and the Donor Coordination Mechanism (DCM) designed under the climate promise project will be enhanced to effectively report information on financial, technology development and transfer and capacity-building support needed and received	Promote gender balance in reporting roles at key ministries Use gender disaggregated indicators to report on support needed and received	Indicator: Percentage of women in reporting positions using the CBIT established platforms Baseline: 0 Target: 30%	Year 2 – 4	Ministries implementing mitigation and adaptation strategies MRVCE Consultants
Output 4.3: Update and report other relevant information (e.g. gender) including supplemental NC chapters (research and systemic observation; education, training, and public awareness).				
4.3.1 Research carried out to date on gender issues including social data disaggregated by sex in relation to the access, use and management of natural resources and the role of women and men in each sector of the economy will be updated and reported.	Compile information on gender issues published in other national reports	Indicator: Number of national reports with data gender Baseline: 0 Target: : Number of national reports	Year 4	Ministries implementing adaptation strategies MRVCE Consultants
Outcome 6: Monitor and evaluate the project				
Output 6.2: Project annual financial and progress reports and Annual Status Survey prepared				

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Objective	Actions	Indicator and Target	Timeline	Responsible Institutions
	The project monitoring and evaluation will be carried out according to GEF programming policies and procedures Use gender disaggregated data in the M&E process		Year 2 – 4	Ministries implementing mitigation and adaptation strategies MRVCE Consultants

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Annex 11: Procurement Plan

#	Type of Supply	Type of Vendor	Description of goods (per item), services or works (per milestone/output)	Expected date for specification to be submitted	Planned contract start date	Estimated budget (USD)
1	IC	Individual consultant-international	Technical assistance for activity 1.2.7 - GHG inventory reviewer to review the inventory of year 2022 and 2024	Feb-24	Jun-24	26,000
2	IC	Individual consultant-National	Event Coordinator to assist in the organization of dissemination events including ICT services, press relations and audience management for 4 events	Sep-24	Jan-25	3,150
3	IC	Individual consultant-National	Event Coordinator to assist in the organization of dissemination events including ICT services, press relations and audience management for 4 events	Sep-26	Jan-27	3,150
4	IC	Individual consultant-National	Event Coordinator to assist in the organization of dissemination events including ICT services, press relations and audience management for 4 events	Jan-26	Apr-26	3,150
5	IC	Individual consultant-National	Event Coordinator to assist in the organization of dissemination events including ICT services, press relations and audience management for 4 events	Jan-24	Apr-24	3,150
6	IC	Individual consultant-international	Technical assistance for activity 4.1 - Expert to develop methodology in tracking technology transfer and needs	Jun-23	Oct-23	20,000
7	IC	Individual consultant-National	Technical assistance for activity 1.2.9 - Expert in energy expert to collect Activity Data and parameters for the energy sector based on the most recent information and calculate/update GHG	Jul-23	Nov-23	30,000

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#	Type of Supply	Type of Vendor	Description of goods (per item), services or works (per milestone/output)	Expected date for specification to be submitted	Planned contract start date	Estimated budget (USD)
			inventory for the 2020-2022.			
8	IC	Individual consultant - National	Technical assistance for activity 1.2.9 - Expert to collect Activity Data and parameters for the waste sector based on the most recent information and calculate/update GHG inventory for the 2020-2022.	Jul-23	Nov-23	25,000
9	IC/LTA	Individual consultant - National	Technical assistance for activity 1.2, 3.2, 3.3 and 4.2- Expert to mainstream gender and social consideration in BTR and NC	Jul-23	Nov-23	30,000
10	IC	Individual consultant	Translator (man-day at 250 USD approximately, considering a fee of 20 USD/page translated) to translate needed deliverables into policy-making documents from English to Arabic, to encourage adoption at a higher level.	CO-LTA	CO-LTA	1,700
11	RFQ	Company/Goods	Technical assistance for activities 1.2 and 4.1.1-T equipment pertaining to the sustainable operation of the web- platform, its maintenance and purchase of any needed hardware/software and licenses, including security related items, given the confidentiality of the government information	Feb-26	Jun-26	15,492
12		Company/Goods	Hotel venues for meetings	CO-LTA	CO-LTA	25,885
13		Company/Goods	Travel tickets for the participation in the IAR sessions of the BTR 1 and BTR2	CO-LTA	CO-LTA	9,000

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#	Type of Supply	Type of Vendor	Description of goods (per item), services or works (per milestone/output)	Expected date for specification to be submitted	Planned contract start date	Estimated budget (USD)
14	CO/ LTA/micro-purchasing	Company/Goods	Printing and publication of materials (reports, papers, infographics) for BTR1. All project outputs will be released for dissemination	Jan-25	May-25	6,000
15	CO LTA/micro-purchasing	Company/Goods	Printing and publication of materials (reports, papers, infographics) for 5NC/BTR2. All project outputs will be released for dissemination	Dec-26	Apr-27	6,000
16	RFP	Consulting company	Technical assistance for activity 2.1.2 - Company with expertise in oil and gas to undertake an assessment of potential fugitive emissions from oil and gas activities in Lebanon and impact on NDC target with recommendations on potential national mitigation measures	Jan-25	May-25	50,000
17	RFP	Consulting company	Technical assistance for activity 2.1.4- Company with expertise in remote sensing to undertake assessment of installed solar energy systems in Lebanon using satellite imagery	Aug-23	Dec-23	40,000
18	RFP	Consulting company	Technical assistance for activity 4.2 - Company with expertise in social network analysis to undertake social network analysis for non-state actors to identify climate related activities implemented by the private sector, NGOs, academia and sub-national entities	Feb-25	Jun-25	40,000
19	RFP	Consulting company	Technical assistance for activity 2.1.4 -Company with expertise NDC modelling to assist in tracking progress of NDC and NDC update including	May-25	Sep-25	50,000

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#	Type of Supply	Type of Vendor	Description of goods (per item), services or works (per milestone/output)	Expected date for specification to be submitted	Planned contract start date	Estimated budget (USD)
			following up on development and reporting of indicators and Scenario modeling for NDC			
20	RFP	Consulting company	Technical assistance for activity 3.3.1 -Company with expertise adaptation tracking to compile and analysis information on adaptation measures implemented in Lebanon and identify gaps and needs of key stakeholders	Mar-25	Jul-25	40,000
21	RFP	Consulting company	Technical assistance for activity 3.3.2 - Company with expertise in loss and damage assessment to undertake the assessment of loss and damage for Lebanon and to produce a risks assessment analysis and recommendations	Jan-25	May-25	80,000
22	RFP	Consulting company	Communication company Company to develop communication material including stakeholders and beneficiaries' testimony videos, summaries of impacts of climate change activities on national development and social media posts and blogs	Aug-26	Dec-26	20,000
23	RFP	Consulting company	Graphic design company to design reports, infographics and visuals for BTR1 and 5NC/BTR2	CO-LTA	CO-LTA	15,000

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UNDP Lebanon Country Office

Meeting Minutes: Procurement Plan for Lebanon's First Biennial Transparency Reports, and a combined Fifth National Communication and Second Biennial Transparency Reports, to the United Nations Framework Convention on Climate Change (UNFCCC)

Date of meeting:	14 February 2023
Present:	Mehdi Khalili, Head of Procurement, UNDP Lebanon Rawiah Hammoudy, Procurement Assistant, UNDP Lebanon Lea Kai, Climate Change Project Manager, UNDP Lebanon Joelle Salame, E&E Programme Associate, UNDP Lebanon Danielle El Chemaly,CC Admin and Finance Assistant, UNDP Lebanon
Venue of Meeting:	Hybrid Meeting, over Teams and at the Country Office

1. **Overview**

   The objective of this meeting was to present an overview of the procurement plan for the BTR1 5NC/BTR2 project within the project proposal and to consider the options available in terms of contract set-up and management in line with UNDP procurement practices and modalities available.

2. **Presentation**

   The team presented the project scope and the procurement plan as well as the overall objective of this project and its needs. It's a DIM modality project funded by GEF.

3. **Discussion Points**

   - Reviewers: should be done in 1 contract for 20 days over 2 years since it's preferable to hire the same reviewer. Note that while dealing with a consultant and not a company, must check their availability for the second phase.
   - Event Coordinator: It's preferred to have 4 IC contracts for each event.
   - Translators: can be done by CO LTA.
   - Hotel venues: can be done by CO LTA or Micro purchase canvassing.
   - Consultant on gender: can be done as an LTA for 100 days over 2 years and could only be extended to 3 years. After 3 years we need RACP approval.
   - Graphic design: can be done by CO LTA or Micro purchase canvassing.
   - Printing; can be done by CO LTA or Micro purchase canvassing
   - For International consultants: make sure to use template TOR and to be clear on the payment term, deliverable, and missions to be included in the PO.
   - IT equipment: to be handed over to the government, mention in the requisition that it's external and not asset to UNDP.

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Annex 12: Additional agreements

(such as cost sharing agreements, project cooperation agreements signed with NGOs (where the NGO is designated as the "executing entity"), letters of financial commitments etc.)

N/A

Annex 13: Signed LOA between UNDP and IP requesting UNDP Support Services

(if required on exceptional basis and authorized by the GEF)

N/A

Annex 14: GEF CEO Endorsement/Approval

The document is annexed as a separate attachment to the project document.

Annex 15: On-Granting Provisions Applicable to the Implementing Partner

N/A

Annex 16: Terms of Reference for Project Board and Project Team

The standard Project Board TOR can be found here**.**

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Annex 17: GEF Core indicators (mandatory indicator 11)

Project Core Indicators		Expected at PIF
1	**Terrestrial protected areas** created or under improved management for conservation and sustainable use (Hectares)	n/a
2	**Marine protected areas** created or under improved management for conservation and sustainable use (Hectares)	n/a
3	Area of **land restored (**Hectares)	n/a
4	Area of **landscapes under improved practices** (excluding protected areas)(Hectares)	n/a
5	Area of **marine habitat under improved practices** (excluding protected areas) (Hectares)	n/a
6	**Greenhouse Gas Emissions Mitigated** (metric tons of CO2e)	n/a
7	**Number of shared water ecosystems** (fresh or marine) under new or improved cooperative management	n/a
8	Globally over-exploited **marine fisheries** moved to more sustainable levels (metric tons)	n/a
9	**Reduction**, disposal/destruction, phase out, **elimination** and avoidance of **chemicals of global concern** and their waste in the environment and in processes, materials and products (metric tons of toxic chemicals reduced)	n/a
10	Reduction, avoidance of emissions of **POPs to air** from point and non-point sources (grams of toxic equivalent gTEQ)	n/a
11	Number of **direct beneficiaries disaggregated by gender** as co-benefit of GEF investment	200 (30% female)

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Annex 18: GEF Taxonomy

Level 1	Level 2	Level 3	Level 4
☒**Influencing models**			
	☒**Strengthen institutional capacity and decision-making**		
	☒**Convene multi-stakeholder alliances**		
	☒**Demonstrate innovative approaches**		
☒**Stakeholders**			
	☒**Beneficiaries**		
	☒**Civil Society**		
		☒Non-Governmental Organization	
		☒Academia	
	☒**Type of Engagement**		
		☒Information Dissemination	
		☒Partnership	
		☒Consultation	
		☒Participation	
	☒**Communications**		
		☒Awareness Raising	
		☒Behavior Change	
☒**Capacity, Knowledge and Research**			
	☒**Enabling Activities**		
	☒**Capacity Development**		
	☒**Knowledge Generation and Exchange**		
	☒**Targeted Research**		
	☒**Learning**		
		☒Theory of Change	
		☒Adaptive Management	
		☒Indicators to Measure Change	
	☒**Innovation**		
	☒**Knowledge and Learning**		
		☒Knowledge Management	
		☒Innovation	
		☒Capacity Development	
		☒Learning	
☒**Gender Equality**			
	☒**Gender Mainstreaming**		
		☒Beneficiaries	
		☒Sex-disaggregated indicators	
		☒Gender-sensitive indicators	
	☒**Gender results areas**		
		☒Participation and leadership	
		☒Capacity development	
		☒Awareness raising	
		☒Knowledge generation	
☒**Focal Areas/Theme**			
	☒**Climate Change**		
		☒**Climate Change Adaptation**	
			☒Climate information
		☒**Climate Change Mitigation**	
			☒Enabling Activities
		☒**United Nations Framework on Climate Change**	
			☒Nationally Determined Contribution
			☒Paris Agreement

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		☒**Climate Finance (Rio Markers)**	☒Sustainable Development Goals ☒Climate Change Mitigation 2 ☒Climate Change Adaptation 1

Annex 19: Results of the Partners Capacity Assessment Tool (PACT) and HACT Micro Assessment

N/A