

Terms of Reference

National or international consultant(s):	International (home-based)
Description of the assignment (title of consultancy):	Economic and policy analysis within for the Lebanon low emission development strategy
Project title:	Low Emission Capacity Building (LECB)
Period of assignment/services:	30 work-days spread over 10 calendar weeks

I. Background

The **Low Emission Capacity Building (LECB) project** is part of the **LECB programme**, launched in January 2011 as a joint collaboration between the European Union (European Commission and Member States) and the UNDP and encompasses 25 participating countries, one of which is Lebanon. The project is implemented by the Ministry of Environment and managed by the United Nations Development Programme in Lebanon.

The project is designed to improve Lebanon's relevant infrastructure, capacity building, information sharing and processes through the development of a greenhouse gas emission inventory system, identification and development of Nationally Appropriate Mitigation Actions (NAMAs), and the design of an Measuring, Reporting and Verification (MRV) system to support the different NAMA types, support the government in preparing the intended Nationally Determined Contribution (NDC), and design a Low Emission Development Strategy (LEDS).

The Paris Agreement on climate change has entered into force in 2016, aiming at holding the increase in the global average temperature to well below 2°C above pre-industrial levels and pursuing efforts to limit the temperature increase to 1.5°C. All Parties to the United Nations Framework Convention on Climate Change (UNFCCC) have submitted NDCs which indicate the mitigation and adaptation targets they are willing to reach to achieve the Paris Agreement goals as soon as possible. Lebanon has submitted its NDC in 2015 with a target year of 2030.

In accordance with Article 4, paragraph 19, of the Paris Agreement, all Parties should strive to formulate and communicate long-term low greenhouse gas emission development strategies, mindful of Article 2 taking into account their common but differentiated responsibilities and respective capabilities, in the light of different national circumstances. In addition, the Conference of the Parties, by its decision 1/CP.21, paragraph 35, invited Parties to communicate, by 2020, to the secretariat of the Convention mid-century, long-term low greenhouse gas emission development strategies.

Currently the national LEDS is under preparation, using the 2050 Calculator- 2050 Pathways Analysis, developed by DECC-UK (now BEIS-UK). The 2050 Calculator is an open source energy and emissions model, and allows the user to explore all high-level energy and emission pathway options. All major sectors are included in the LEDS, and a draft LEDS has been prepared depicting the range of attainable emission reduction. The draft LEDS is composed of 8 general policy recommendations (GPR) which are cross-sectoral, and five main pillars of action (PoA):

GPR1 Endeavor to strongly decouple economic growth and greenhouse gas emissions

GPR2 Develop a circular economy with a high level of resource utilization

GPR3 Strive to phase out fossil fuel subsidies

GPR4 Strengthen the policy environment to implement and upscale low carbon and sustainable policy directives

GPR5 Increase the private sector's participation in low carbon growth and sustainable development

GPR6 Institutionalize low carbon growth in the public sector

GPR7 Promote low carbon and sustainable research and development

GPR8 Engage future generations through sustainable development and climate change education

PoA 1 Optimizing energy structure

PoA 2 Building low carbon cities

PoA 3 Promoting low carbon industrialization

PoA 4 Changing consumption patterns

PoA 5 Enhancing rural land use

Since LEDS is forward looking development planning in nature, and is intrinsically linked with economic growth, the LECB project is seeking to engage an international consultant to review and revise the draft LEDS, undertake an analysis of the economic and policy benefits and impacts of the proposed LEDS and integrate this into the draft document.

II. Scope of work, responsibilities and description of the proposed analytical work

Scope of Work

Working under the direct supervision of the LECB Project Manager at the Ministry of Environment, the consultant will be responsible for conducting the following tasks:

1. Review and conduct an assessment and gap analysis of the draft LEDS and provide concrete advice for upgrading and/or elaborating the draft further;
2. Analyze co-benefits/sustainable development benefits, including gender/poverty reduction and job creation opportunities, and most importantly the contribution of the low emission development strategy and economic growth for Lebanon while ensuring linkages with the SDGs;
3. Cost estimation of the LEDS if possible and based on discussions with the LECB project team;
4. Advise on policy, institutional and legal frameworks and coordination mechanisms to ensure successful development and implementation of the LEDS, based on international best practices.
5. Revise the LEDS document for consistency, approach and to integrate all the above-mentioned analysis and based on international best practices

III. Expected Outputs and deliverables

Deliverables to be submitted by consultant include the following:

- (a) Gap analysis report:** The consultant will produce a gap analysis report as a result of the rapid assessment and gap analysis of the existing draft LEDS with advice on major overlooked components.
- (b) Economic growth and Policy Framework report:**
 - Cost estimation of the LEDS
 - Gender/poverty reduction benefits and job creation potential
 - Sustainable development co-benefits

- Economic growth benefits of the LEDS
- Policy, and institutional legal framework of the LEDS

(c) Revised LEDS report:

- Revised LEDS, including recommendations related to coordination mechanisms

A PowerPoint presentation and an executive summary of deliverables (b) and (c) are required.

Payment terms against the deliverables:

- 20% on submission and approval of the gap analysis report;
- 50% on submission of the Economic growth and policy framework report (including PowerPoint presentation);
- 30% upon completion of Revised LEDS and coordination mechanisms report (including PowerPoint presentation).

Table 1. Deliverables, timeframe, approvals, and payment terms

Deliverables / outputs	Duration from contract signature	Required reviews and approvals ¹	Payment terms²
Gap analysis report	2 weeks after contract signature	UNDP	20 percent
Economic growth and policy framework report	6 weeks after contract signature	UNDP	50 percent
Revised LEDS and coordination mechanisms report and PowerPoint presentation	10 weeks after contract signature	UNDP	30 percent

IV. Institutional arrangements

a) The Consultant is required to exhibit his/her commitment to the UNDP Country Office.

b) The Consultant will be accountable to UNDP's climate change team, for all matters relating to the preparation of the report, including its substance, as well as the respect of the deadlines. During this process, the Consultant will brief UNDP's climate change Advisor about the progress on a weekly basis. The supervision will include approvals/acceptance of the outputs as identified in the previous section.

c) In the event of delay, the Consultant will inform UNDP promptly so that decisions and remedial action may be taken accordingly.

¹ The review of the deliverable by the UNDP team will take place within 5 working days after the submission of the deliverables

² Payments will be processed once UNDP approves the deliverables.

d) Should the UNDP Country Office deem it necessary, it reserves the right to commission additional inputs, reviews or revisions (including omissions), as needed to ensure the quality and relevance of the final report.

e) Any public speaking (including social media usage) about the activity (whether with the target groups or indirect) should be coordinated with UNDP.

V. Duration of work

The assignment is to be accomplished within 30 work-days over a period of 10 calendar weeks, after contract signature.

VI. Duty station

The consultant's work will be home-based.

VII. Requirements for experience and qualifications

A. Academic Qualifications:

- Advanced degree in economics, climate policy, environmental economics or closely related subject or related field.

B. Years of Experience:

- A minimum of 10 years of relevant work experience in sustainable development, low-emission strategies and/or climate policy.

C. Technical Experience:

- A well-established track record in research related to economic development and/or climate change
- Research related to the specific aspects of LEDS
- Previous experience in the Arab region and with the UN.

D. Competencies:

- Fluency in English.

VIII. Scope of Price Proposal and Schedule of Payments

Payments will be made upon submission and approval of deliverables and upon submission of the certificate of payment.

The schedule of payment is detailed in section III.