

Project Document

Project Title: Environmental Resources Monitoring in Lebanon (National Component)

UNDAF Outcome(s): Outcome 5.1: Environmental considerations are mainstreamed in sector and local-level strategies and plans

Expected CPAP Output(s): Output 1.1 Environmental action plans/strategies developed for the relevant line ministries and decentralized structure
5.1.7 Environmental quality monitoring programme developed and implemented (UNEP)

Responsible Party: United Nations Development Programme

Implementing Partner: Ministry of Environment

In response to the conflict of July-August 2006 and the subsequent oil slick on Lebanese shores, the Government of Greece allocated 1.64 million USD for the implementation of an environmental monitoring project in Lebanon, to be administered by UNEP. UNDP Lebanon was approached to implement a portion of this grant, in the amount of 706,200 USD.

The objective of the current project is to improve the understanding of the environmental quality in Lebanon and its implications for the population through the implementation of environmental monitoring programmes. The project will address four components of which UNDP Lebanon is only responsible for part of the third:-

- Ecological and biodiversity assessment and development of a management strategy, including capacity building, particularly those areas affected by the oil slick.
- Development of an Integrated Coastal Zone Management (ICZM) project in Lebanon with a focus on socio-economic opportunities as a pilot for the Eastern Mediterranean and West Asia.
- Monitoring of air quality in major urban cities and hotspots and identification of reduction opportunities.
- Outreach and dissemination of project implementation and results, including an international conference

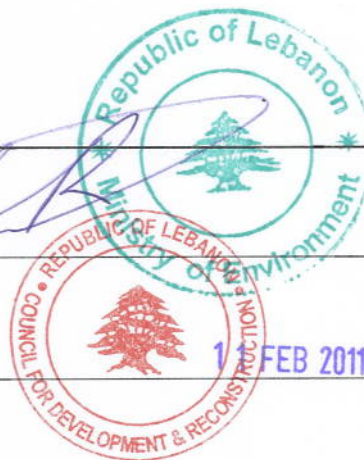
Programme Period:	2010 - 2014
Atlas Award ID:	00061173
Atlas Project ID:	00077384
Start date:	January 2011
End Date:	January 2013
PAC Meeting Date:	January 2011
Management Arrangements:	Support to NIM

Total resources required	706,200 USD
Total allocated resources:	660,000 USD
UNDP F&A:	46,200 USD

Agreed by Ministry of Environment

Agreed by CDR

Agreed by UNDP



I. SITUATION ANALYSIS

Based on the commitment of the Government of Greece, discussions have been held between the three partners to the project (Government of Greece, represented by their Embassy in Lebanon, the Ministry of Environment in Lebanon and UNEP, represented by the UNEP Regional Office for West Asia UNEP/ROWA) to identify the priorities in terms of environmental monitoring and to elaborate the objectives outputs and activities to be implemented. The UNDP Country Office in Lebanon has also been involved in some discussions and support to the project.

Lebanon's population and economic activity are concentrated along the coastal zone, which extends over about 162,000 hectares of land. It is inhabited by an estimated 2.51 million people and contributes about 73% of Lebanon's GDP. It was therefore agreed that the coastal zone is the first priority, with two areas of focus; firstly the actual quality and monitoring of the marine waters in the coastal zone, and secondly reviewing and identifying opportunities for socio-economic development in the coastal zone.

The second area of focus to consider is the levels of air pollutants in Lebanon and specifically in the capital city of Beirut, where about 40% of the country's population dwell, and has reached highly elevated levels of pollutants during the last two decades. Several studies have indicated that the pollutant concentrations are far exceeding the limits set by national and international standards. Amongst these pollutants are particulates, lead and oxides of sulphur. The health of the inhabitants is becoming a major concern for the public as well as for decision makers. Beirut, with a population of about 1.5 million, is more frequently experiencing episodes of air pollution mainly due to the transport sector. Other major sources of air emissions are the thermal power plants and some heavy industries, all located along the narrow coastal strip of Lebanon. Air quality is thus a second area of priority for monitoring to provide up-to-date information on the air quality situation in Lebanon's cities.

II. STRATEGY

Project Statement

The objective of the current project is to improve understanding of the environmental quality in Lebanon and its implications for the population through the implementation of environmental monitoring and to develop and implement solutions through appropriate management programmes and policy guidance. The project will address three environmental components: (i) the sustainable management of the coastal and marine environment and its monitoring; (ii) the integrated management of the coastal zone with a focus on socio-economic opportunities; and (iii) air quality within urban areas, recognizing the negative health impacts of poor air quality on the urban population. A fourth component will be dissemination of the project activities and results to stakeholders in Lebanon and internationally.

Project Approach

The project is composed of 4 main components. The first, second and fourth components will be implemented mainly by UNEP ROWA in coordination with the Ministry of Environment in Lebanon, while the third will be implemented mostly by UNDP Lebanon in coordination with the Ministry of Environment. However, all activities will be coordinated overall between the two agencies to ensure the achievement of the project objectives as detailed in the UNEP Project Document annexed herewith (Annex C – UNEP project document).

The first component of the proposed project provides an opportunity to coordinate with the marine monitoring and management initiatives in the country where it is timed to complement two parallel projects, an International Union for Conservation of Nature (IUCN) project addressing Marine Protected Areas (MPA) designation and management and a Global Environment Facility (GEF) UNEP project on the "Policy and Legislative Development for mainstreaming the sustainable management of marine and coastal areas in Lebanon". It will recruit consultants to assess sites of special interest and develop a coastal and marine management and monitoring system. Capacity building will also be provided to key stakeholders for the implementation of the system.

The project will also carry out a situation analysis about the land use of the coastal zone and the existing marine activities to feed into the "Land Use Master Plan for the Lebanese Coastline" currently being undertaken. This will focus on socio-economic opportunities, with a focus on green economy approaches to provide an Integrated Coastal Zone Management strategy that can be used as a pilot for other coastal areas of the Eastern Mediterranean and West Asia. The development of the strategy will be undertaken in close consultation with key stakeholders

Continuous ambient air quality monitoring (AAQM) at the national level does not exist in Lebanon. Partial data are becoming available either from local continuous AAQM (e.g., Tripoli, Meteorological Services at Beirut International Airport) or from sporadic monitoring projects implemented by academia (e.g., in Beirut, Chekka, along highways). Therefore, the third component will be to initiate an air quality programme that will be in accordance with the proposed Lebanon Clean Air Act. The work will build capacity amongst government agencies and key stakeholder's (e.g. major industrial installations) in terms of air quality monitoring. Moreover, the component will provide an initial feedback to decision makers on the state of air quality in urban areas and increase awareness of the general public in terms of ambient through air quality display boards and a website. It will also provide the collated data to develop policy recommendations with the aim of reducing air pollution in the urban areas.

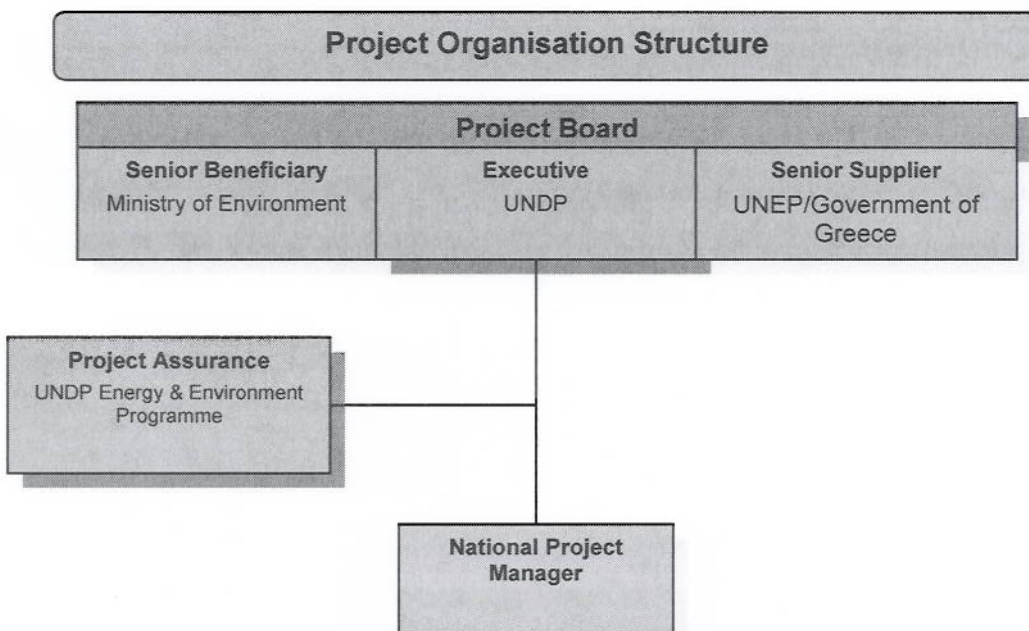
The final component is one of outreach and dissemination, both in terms of the project itself and also of its results. This will be achieved through regular media briefings and articles, a website on the project, a documentary, and a dissemination conference.

III. RESULTS AND RESOURCES FRAMEWORK

Intended Outcome as stated in the Country Programme Results and Resource Framework: Environmental action plans/strategies developed for the relevant line ministries and decentralized structure	Outcome indicators as stated in the Country Programme Results and Resources Framework, including baseline and targets: Ministerial plans/strategies include environmental considerations	Project title and ID (ATLAS Award ID 00061173): Environmental Resources Monitoring in Lebanon (National Component)	INDICATIVE ACTIVITIES	RESPONSIBLE PARTIES	INPUTS
<p>Output 1 Environment resource monitoring initiated in Lebanon through the implementation of an air quality monitoring system to improve understanding and develop strategies for reduction in pollution</p> <p>Baseline: environmental resource monitoring is not systematic</p> <p>Indicators:</p> <ul style="list-style-type: none"> - Existence of air quality measurement system done - Development of policy recommendations <p>Target:</p> <ul style="list-style-type: none"> - Air quality information available to all stakeholders. - Policy recommendations presented to reduce air pollution. 	<p>Targets (2011)</p> <ul style="list-style-type: none"> - Project manager on board (Q2) - Specifications of air quality equipment developed (Q4) <p>Targets (2012)</p> <ul style="list-style-type: none"> - Procurement & delivery of equipment (Q3) - Required trainings undertaken (Q4) - Policy Recommendations done (Q4) 	<p>Activity 1: Project Procurement</p> <ul style="list-style-type: none"> - Recruitment of national project manager - Procurement of required air quality equipment (based on UNEP needs assessment) - Delivery of capacity building workshops related to equipment 	UNDP	706,200 USD	

V. MANAGEMENT ARRANGEMENTS

1. The Project will be implemented under the UNDP Support to National Implementation Modality (NIM), whereby the Ministry of Environment will be the implementing partner and UNDP will act executing agency.
2. The objectives of the Project detailed in this UNDP project document relate to the national activities that will be implemented by UNDP Lebanon Country Office, based on UNDP's rules and regulations. The remaining project activities will be implemented directly by UNEP ROWA in coordination with the Ministry of Environment as detailed in the UNEP project document annexed herewith (Annex C – UNEP Project Document).
3. UNDP will continue to ensure high-quality technical and financial implementation of this component of the project and will be responsible for monitoring and ensuring proper use of all funds to assigned activities, timely reporting of implementation progress as well as undertaking of mandatory and non-mandatory evaluations for each of their respective components. The project structure is elaborated below. All services for the procurement of goods and services, and the recruitment of personnel shall be provided in accordance with UNDP procedures, rules and regulations.
4. **Project Board** will be responsible for making by consensus, management decisions for the project when guidance is required by the Project Manager, including recommendation for UNDP/Implementing Partner approval of project plans and revisions. In order to ensure UNDP's ultimate accountability, Project Board decisions should be made in accordance to standards that shall ensure management for development results, best value money, fairness, integrity, transparency and effective international competition. In case a consensus cannot be reached within the Board, final decision shall rest with the UNDP Programme Manager. The Project Board shall meet every 6 months or more if needed.
5. **Project Manager:** The Project Manager has the authority to run the project on a day-to-day basis on behalf of the Implementing Partner within the constraints laid down by the Board. The Project Manager is responsible for day-to-day management and decision-making for the project. The Project Manager's prime responsibility is to ensure that the project produces the results (outputs) specified in the project document, to the required standard of quality and within the specified constraints of time and cost.
6. **UNDP reporting:** the reporting related to the UNDP component of the project will follow UNDP's financial reporting system, however, this will cater to the maximum extent possible to the UNEP requirements and as detailed in the Letter of Agreement signed between UNDP and UNEP.



QUALITY MANAGEMENT FOR PROJECT ACTIVITY RESULTS

OUTPUT 1: Environment resource monitoring initiated in Lebanon through the implementation of an air quality monitoring system to improve understanding and develop strategies for reduction in pollution		
Activity Result 1	Project Coordination and Implementation	Start Date: February 2011 End Date: February 2013
Purpose	<i>To coordinate the national project activities and procure the required equipment</i>	
Description	This is the component for which UNDP Lebanon is responsible for within the overall project. The activity will involve the recruitment of a national project manager and the procurement of air quality monitoring equipment based on the needs assessment undertaken by the UNEP recruited consultants. This activity will also include the training of relevant stakeholders/partners on the installed equipment.	
Quality Criteria	Quality Method	Date of Assessment
Equipment specifications written in line with country needs	Review of equipment specifications	Q2 2012
Market prices received for equipment	Review of financial offers for bids	Q2 2012
Stakeholders qualified to use equipment	Training assessments	Q4 2012

VI. LEGAL CONTEXT

This project document shall be the instrument referred to as such in Article 1 of the SBAA between the Government of Lebanon and UNDP, signed in January, 2011.

Consistent with the Article III of the Standard Basic Assistance Agreement, the responsibility for the safety and security of the executing agency and its personnel and property, and of UNDP's property in the executing agency's custody, rests with the executing agency.

The executing agency shall:

- a) 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;
- b) assume all risks and liabilities related to the executing agency's security, and the full implementation of the security plan.

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 this agreement.

The executing agency agrees to undertake all reasonable efforts to ensure that none of the UNDP funds received pursuant to the Project Document 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 list can be accessed via <http://www.un.org/Docs/sc/committees/1267/1267ListEng.htm>. This provision must be included in all sub-contracts or sub-agreements entered into under this Project Document.

VII. ANNEXES

ANNEX A – RISK LOG

#	Description	Date Identified	Type	Impact & Probability (1= low, 5=high)	Countermeasures / Management response	Owner	Submitted, updated by	Last Update	Status
1	Security Situation in Lebanon	Project initiation date	Security	P=3 P=5	Bearing in mind that Lebanon has been a theatre of conflict in recent years, close contact to be maintained with UNDSS regards current security situation.	MoE			
2	Political instability and security situation in the country	Project initiation date	Political	P = 5 I = 5	Political changes may delay the implementation of the project at all levels, including administrative, financial and other	UNDP			
3	Coordination and cooperation	Project initiation date	Medium	P=3 P=3	The project has 3 partners and it will be important to maintain close cooperation with the partners. This will be achieved by regular coordination meetings between the partners and additionally UNDP, to assess progress and discuss areas of concern.	UNDP			

ANNEX B – DRAFT TORs OF PROJECT MANAGER (MAY BE CHANGED PRIOR TO RECRUITMENT)

The Project Manager is responsible to run the national project component as determined in this project document on a day-to-day basis on behalf of the Project Board within the constraints laid down by the Board. The Project Manager's prime responsibility is to ensure that the project produces the results specified in the project document, to the required standard of quality and within the specified constraints of time and cost.

Specific responsibilities would include:

Overall project management:

- Manage the realization of project outputs through activities;
- Provide direction and guidance to project team(s)/ responsible party (ies);
- Liaise with the Project Board or its appointed Project Assurance roles to assure the overall direction and integrity of the project;
- Identify and obtain any support and advice required for the management, planning and control of the project;
- Responsible for project administration;
- Liaise with any suppliers;
- May also perform Team Manager and Project Support roles;

Running a project

- Plan the activities of the project and monitor progress against the initial quality criteria.
- Mobilize goods and services to initiative activities, including drafting TORs and work specifications;
- Monitor events as determined in the Monitoring & Communication Plan, and update the plan as required;
- Manage requests for the provision of financial resources by UNDP, using direct payments;
- Monitor financial resources and accounting to ensure accuracy and reliability of financial reports;
- Manage and monitor the project risks as initially identified in the Project Brief appraised by the LPAC, 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;
- Be responsible for managing issues and requests for change by maintaining an Issues Log.
- Prepare the Project Quarterly Progress Report (progress against planned activities, update on Risks and Issues, expenditures) and submit the report to the Project Board and Project Assurance;
- Prepare the Annual review Report, and submit the report to the Project Board and the Outcome Board;
- Based on the review, prepare the AWP for the following year, as well as Quarterly Plans if required.

Closing a Project

- Prepare Final Project Review Reports to be submitted to the Project Board and the Outcome Board;
- Identify follow-on actions and submit them for consideration to the Project Board;
- Manage the transfer of project deliverables, documents, files, equipment and materials to national beneficiaries;
- Prepare final CDR/FACE for signature by UNDP and the Implementing Partner.

ANNEX C – UNEP PROJECT DOCUMENT