



*Empowered lives.
Resilient nations.*

Terms of References

Country: Jordan

Post Title:	Ecosystems Based Management (EBM) Senior Expert (International consultant)
Starting Date:	Immediately
Duration:	60 days over six months (10 days per month),
Location:	Home-based

Background

The Mediterranean Forum For Applied Ecosystem-Based Management (MED4EBM) initiative is a partnership project funded by the ENI CBC MED Programme 2014-2020, under the Thematic Objective B.4 (Environmental protection, climate change adaptation and mitigation) and Thematic Priority B.4.4 (Incorporate the Ecosystem-Based management approach to ICZM into local development planning). MED4EBM duration is three years and its total budget is 3,310,237.60 Euro; the project partnership spans four countries, namely Italy, Jordan, Lebanon and Tunisia.

The Project aims at enhancing capacities of various stakeholders and institutional actors involved in the management of coastal and marine areas, and at establishing a cooperation and coordination platform for them to effectively implement ecosystem-based Integrated Coastal Zone Management (EB-ICZM). Governments and other ICZM stakeholders can use this platform to take informed decisions on planning and managing coastal resources and achieve effective coordination on the ground. In turn, this will help wide-spreading EBM in the Mediterranean consistently with the Barcelona Convention and its ICZM Protocol.

MED4EBM proposes the use of innovative tools to tackle the main issues which currently limit the widespread incorporation of EBM into ICZM processes (EB-ICZM). These are related to the difficulties that the decision-makers and the professional team involved still face because EB-ICZM require:

- (1) intense and continuous efforts to coordinate management actions across a wide array of stakeholders (e.g. governmental agencies; international programs and projects; social and economic associations) and application sectors (e.g. fisheries, tourism, transport, biodiversity conservation);
- (2) intensive work by the team of professionals implementing EB-ICZM, with particular reference to adjusting the available guidelines to the specificities of the relevant ecological and socio-economic systems, as well as in operationalising them for their effective application in area of interest;
- (3) significant amount of data and large databases.

MED4EBM intends breaking the above-mentioned barriers using an innovative land and sea management package which makes EB-ICZM much easier for the professional team, the stakeholders and the decision-makers involved. This package has been developed by one of MED4EBM Partners and consists of a software application and a set of methodological tools, to plan, implement and monitor EBM through a participatory and evidence-based approach.

The said methods allow handling the EB-ICZM multi-stakeholders analytical processes through a straight-forward path, providing analytical methods based on deterministic rather than statistical ecological and socio-economic assessments. These methods help the planning team and relevant stakeholders to identify and quantitatively assesses the relationships between ecosystem components, functions and services, along with the associated human activities, toward the establishment of a multi-stakeholders ICZM scheme. The software package enables the analysis of spatial and tabular datasets, and the compilation of data-aware advanced reports, via a multi-windows interface which facilitates the browsing of large datasets through an ecosystem-based logical mapping framework.

MED4EBM will establish one Ecosystem-based ICZM Decision Support Systems (EB-ICZM-DSS) in each of the four project's target areas in Italy, Jordan, Lebanon and Tunisia. This by applying a methodological protocol which consists of five easy-to-apply sequential steps to handle the complex multi-stakeholders analytical processes that characterize EB-ICZM applications. The said EB-ICZM-DSSs will be then used to perform a systemic, indicator-based, and participatory analysis to develop an EB-ICZM Governance Protocol (EB-ICZM-GP) for each of the MED4EBM target areas.

Technical and methodological references on the above mentioned methods and tools, as well as on the activities to develop the said EB-ICZM-DSSs and EB-ICZM-GPs are illustrated in detail in the document titled *MED4EBM: Technical and methodological references and operational framework for the execution of WP3 and WP4*. This document is available for consultation on the MED4EBM website, under the section Library/Documents at the following link:

www.enicbcmmed.eu/projects/med4ebm

Detailed technical and methodological grounds for these Terms of Reference are based on the above-mentioned document; in particular, items in *italic* in this ToRs refer to specific elements illustrated in detail in the said document.

Scope of the Assignment

UNDP Jordan - the Lead Beneficiary of the MED4EBM project – is seeking the service of an international consultant to perform this assignment as the Ecosystems Based Management (EBM) Senior Expert as member of the project an EB-ICZM Technical Team established jointly with other MED4EBM partners. Under the technical supervision of the MED4EBM EBM Methodological Coordinator, this team will provide technical guidance and support to MED4EBM partners for planning and executing activities and managing the pool of resources for developing the EB-ICZM-DSSs and EB-ICZM-GPs mentioned in the Background section.

Specific Tasks:

Under the direction of the EBM Methodological Coordinator, the EBM Expert 1 will execute the following tasks:

- Technical preparation of the sixteen workshops planned for executing the *Ecosystem Context Analyses* and the *System Cause Effect Analyses* in the four MED4EBM target areas in Jordan, Lebanon, Tunisia and Italy;
- Managing the execution of the said workshops, assemble their outcomes in consistent technical documents, and draft relevant informative reports;
- Support the EBM Methodological Coordinator in establishing the EB-ICZM-DSS and the ICZM governance protocols in the four MED4EBM target areas;
- Provide technical and methodological guidance of the work of MED4EBM partners' Thematic Experts for EBM-ICZM analyses.

As recalled above, all technical, methodological and planning details for the execution of these tasks are illustrated in detail in the reference document mentioned in the Background section of these ToRs.

Covid-19 Related Situation

Adapting to the new Covid-19 related situation, activities and workshops will be executed using remote team-working-channels and webinar tools, at least till when this situation will improve.

To the extent that this may be needed, and that travel may be possible/allowed, remote activities may be complemented by in-presence session(s) with limited number of participants.

Expected Outputs & Deliverables Timeframe

	Deliverable	Documents	Duration/Deadline
1	Monthly attendance sheet with attached monthly progress report signed by EBM Methodological Coordinator and UNDP project coordinator	Monthly attendance sheet & monthly progress report	At the end of each working month of signed contract

* Average of 10 working days/month with an all-inclusive daily rate-based payments

** The Daily Rate should cover all costs of social security, insurance, professional fees...etc., expect for those explicitly covered by UNDP in this ToR.

Qualifications

Education

The EBM Senior Expert must hold a PhD degree and ten years of professional experience in technical and scientific natural-resources-management and sustainable-development projects gained in international and multi-cultural environments.

Experience

Given the technical and methodological characteristics of the tasks to be executed, the senior expert professional record must include at least one direct experience in handling the application of the methods and tools mentioned in the Background section of this document. More recent experiences in applying the *EBM Protocol* in coastal and marine zones will be considered an asset.

Additional qualifications

The senior expert's professional record should also include experiences in all the following sectors:

- Development of Decision Support Systems for integrated spatial planning/management by applying participative and socio-ecological systemic methodologies, including in coastal and marine areas;
- Design and implementation of systemic analytical frameworks to assess and quantify socio-ecological dynamics through quantitative indicators, including in coastal and marine areas;
- Development of integrated sets of Ecosystem-Based management measures, including in coastal and marine areas;

- Design, execution and leading participative stakeholders consultation workshops, including through the alternance of working groups and plenary sessions;
- Design and execution of data gathering surveys for ecological data.

Competencies:

Corporate

- Demonstrates integrity and fairness, by modeling the UN/UNDP's values and ethical standards;
- Promotes the vision, mission and strategic goals of UNDP;
- Displays cultural, gender, religion, race, nationality and age sensitivity and adaptability.

Functional

- Demonstrated ability for facilitation and coordination skills and have the capacity to properly communicate and disseminate approaches, activities and accomplishments of EBM projects.
- Proven knowledge and practical experiences in using GIS software and handling large databases.
- Demonstrated entrepreneurial abilities and demonstrated ability to work in an independent manner.
- Background knowledge about the SDGs, United Nations and UNDP.
- Flexibility and ability to handle multiple tasks and work under pressure.
- Excellent command of the English language (both written and oral communication); French is considered an additional asset.
- Excellent computer skills especially Word, Excel and PowerPoint.
- Knowledge of working with virtual meeting platforms/technologies.

Compensation and special conditions

All payments are subject to deliverables approval by UNDP and upon submitting a monthly attendance sheet and monthly progress report.

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Management Arraignments

Under the supervision of the Project Coordinator at UNDP Jordan and the technical direction of the EBM Methodological Coordinator, the EBM Senior Expert is responsible for handling the pool of MED4EBM resources for executing the *Ecosystem Context Analyses*, the data analysis activities, and the *System Cause Effect Analyses* along the technical, methodological and planning lines illustrated in the reference document mentioned in the Background section of these ToRs.

UNDP Signature	IC Signature
	