

**Component 1 Governance, Sub-Component 1.2: Review of the environmental issues at the sectoral and macroeconomic levels of the Beneficiaries;**

**Component 2 Knowledge, Sub-Component 2.1 Preparation of knowledge products for the Beneficiaries**

**Procurement Reference: FC006**

**Terms of Reference for the activity “Socio-economic evaluation of maritime activities (regional activity: Lebanon, Morocco and Tunisia)”**

**In brief<sup>1</sup>**

**Objectives:**

- Contribute to the awareness-raising of decision-makers concerning the importance of Mediterranean economic maritime activities, the ecosystems they depend on and on which they have an impact;
- Promote the progressive appropriation of environmental assessment principles and integration of systematic environmental and socio-economic evaluation into national policy-making;
- Contribute to the elaboration of common methods for such socioeconomic assessments adapted to the Mediterranean countries;

**by**

- Establishing national analyses for three pilot countries: Lebanon, Morocco and Tunisia; as well as a comparative synthesis report of the results of the three national analyses, describing the present situation and the perspectives of Mediterranean maritime economic activities with regard to their socio-economic and environmental characteristics;
- Taking into account ecosystem services that support the maritime economic activities as well as the pressures and impacts these activities exert on marine ecosystems and human welfare;
- Assessing the cost of degradation linked to the bad state of the marine and coastal environment under the jurisdiction of the countries;
- Deducing indications on the sustainability and development of maritime economic activities; and
- Formulating recommendations addressing (i) public policies and (ii) methodological guidance for similar socio-economic evaluations in the Mediterranean region; by reporting to the regional correspondence group for economic and social analyses, (COR-ESA).

**Outputs:**

Initial assessment study, producing a socio-economic analysis of the use of the marine environment and the cost of its degradation for the Mediterranean coastline of Lebanon, Morocco and Tunisia; including the following main steps/deliverables:

- Inception workshop;

<sup>1</sup> This section rephrases quickly the main objectives and outputs of this assignment, for convenience. It is not a detailed description of objectives and deliverables, which in turn can be found in the following sections of these terms of reference.

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- Scoping report;
- Literature review;
- National reports with non-technical summaries;
- Regional synthesis report;
- National results workshops; and
- Regional results seminar.

### **A. CONTEXT**

1. The Regional – Governance and Knowledge generation Project has been conceived to foster the integration of environmental issues into sectoral and development policies of Lebanon, Morocco, and Tunisia (Beneficiaries) and potentially of Algeria, Egypt, Libya, Syria, and West Bank and Gaza (potential Beneficiaries). The Project aims at achieving this objective via (i) the production of innovative knowledge on environmental issues, with specific reference to water related issues (freshwater, coastal, and marine resources), and (ii) the organization of conferences, seminars, workshops, etc. during which knowledge will be used to strengthen the capacity of key stakeholders at local, national, and regional level.
2. The Project's implementation period is three years. It has become effective on March 29th, 2012 and will last until June 30th, 2015.
3. Plan Bleu is the implementing agency of the Project and is therefore responsible for all procurement connected to the implementation of the Project.
4. As part of the Regional – Governance and Knowledge generation Project (GEF grant), the Project's Beneficiaries have decided to conduct a socio-economic evaluation of maritime activities, as a regional activity of the Project.
5. The contracting parties of the Barcelona Convention have committed themselves to implement the ecosystem approach (EcAp) for the management of human activities in order to achieve the goal of a healthy Mediterranean with marine and coastal ecosystems that are productive and biologically diverse for the benefit of present and future generations (Decision IG 17/6). The ecosystem approach underpins a number of international and regional initiatives (CDB, CGPM, MSSD) as well as the Marine Strategy Framework Directive (MSFD) of the EU. The application of the ecosystem approach has been entrusted to UNEP-MAP with a seven-step roadmap (2008-2018). The third step is now being finalized and refers to an initial assessment to determine priority problems. The last one refers to the elaboration of management plans and actions to ensure the achievement of the ecological and strategic objectives that have been fixed. Throughout the implementation process, the ecosystem approach takes into account all social and economic aspects related to the human activities that impact or profit from the quality of coastal and marine ecosystems. During the initial evaluation, Plan Bleu has realized a study on the benefits rendered by the Mediterranean marine ecosystems, which has been finalized in July 2010. As a next step, this exploratory study needs to be complemented by a socio-economic analysis of the economic sectors that use these marine and coastal ecosystems. The results from this socio-economic study should be taken into account for the definition of operational objectives and later on of the program of

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measures, in order to achieve the ecological vision of a healthy and productive Mediterranean.

6. The project EcAp, piloted by UNEP-MAP is supported by the European Commission, particularly for its regional dimension, in the framework of an agreement which has come to its end in December 2011. A new agreement has been signed. Concerning the socio-economic aspects, a regional preliminary study is being planned which will allow testing methodologies and evaluating the availability of necessary data. In order to strengthen a common understanding of the issues and challenges, a regional correspondence group for economic and social analyses (COR-ESA) is being set up to analyze and adapt to the Mediterranean context the methodologies used by the different initiatives mentioned above. This working group will be responsible for following up on the regional evaluation realized under the EcAp project and the pilot studies planned under the activity described below.
7. But, the ecosystem approach can only be successful if the participating countries take strong ownership of the approach. This is particularly important for the Mediterranean rim countries which are not member of the EU and are therefore not obliged to abide by the European Directives.
8. In this context, the activity described in these terms of references will be an additional complementary and original contribution to the existing efforts of UNEP-MAP, without being part of the planned work program of UNEP-MAP. With the help of concrete national pilot cases, the activity presented herein will allow the Beneficiaries of the Regional – Governance and Knowledge generation Project to take real and genuine ownership of the ecosystem approach, while benefiting from the efforts undertaken by UNEP-MAP with regards to the regional methodological project. The activity presented herein will therefore complement the activities financed under UNEP-MAP's program of work, which represents one of the higher level objectives of the Regional – Governance and Knowledge generation Project. Furthermore, the activity is completely in line with the Strategic Objectives for the GEF International Waters focal area, under which the Regional – Governance and Knowledge generation Project has been conceived. These are to foster a “more comprehensive, ecosystem-based approach to management of transboundary waters”, and “to play a catalytic role by assisting countries to utilize the full range of technical assistance, economic, financial, regulatory and institutional reforms that are needed” in addressing priority transboundary water pollution.

### **B. OBJECTIVES**

9. The activity's objective can be declined into general objectives, to which the activity aims to contribute in the medium and long term, and specific objectives to be reached in the short term.
10. The activity's general objectives are the following:
  - Based on synthetic, objective and if possible quantitative information, contribute to the awareness-raising of decision-makers concerning the importance of Mediterranean economic maritime activities, the ecosystems they depend on and on which they have an impact. To date and to our knowledge, there are no synthetic socio-economic evaluations of maritime economic activities covering neither Lebanon, nor Morocco or

Tunisia. Some evaluations of this kind have however been produced for some of the other Mediterranean rim countries, most of them with a clear focus on economic analysis. Similarly, some studies on the environmental impact of specific economic sectors do exist in the Mediterranean region. The innovative character of the activity described herein consists in approaching socio-economic and environmental aspects in a more balanced and synthetic way, illustrated by pilot studies on the Southern and Eastern rims of the Mediterranean.

- Promote the progressive appropriation of environmental assessment principles and integration of systematic environmental and socio-economic evaluation into national policy-making. The proposed activity will contribute to the dissemination of these analyses and their interest for an improved integration of the decision-makers' apprehension of maritime economic activities and their links to the marine environment.
11. The specific objective of the consultancy is to establish national analyses for Lebanon, Morocco and Tunisia, as well as a comparative synthesis report of the results of the three national analyses, describing the present situation and the perspectives of Mediterranean maritime economic activities with regard to their socio-economic and environmental characteristics. The analyses will take into account ecosystem services that support the maritime economic activities as well as the pressures and impacts these activities exert on marine ecosystems and human welfare. Indications on the sustainability and development of maritime economic activities can thus be deduced in order to formulate recommendations addressing public policies, reflecting the commitments of the contracting parties to the Barcelona Convention.
  12. In order to achieve these specific objectives, pilot cases in the Project's three beneficiary countries will be developed. The pilot cases will aim to analyze the economic and social aspects of the use of marine and coastal waters under the jurisdiction of the countries and to assess the cost of degradation linked to the bad state of the marine and coastal environment. The relationship between marine ecosystems and marine economic activities, characterized by dependence and impact, will be analyzed. The involved stakeholders of each country will participate in the debates and work, so that the results will be taken into consideration for the identification of operational objectives and the elaboration of policies aiming at reaching or maintaining the good environmental status (GES). Through concrete experience feedback, the pilot cases will enrich the regional COR-ESA analysis on socio-economic aspects to be considered for the application of the ecosystem approach, while building on the achievements of the regional COR-ESA.
  13. National focus groups will be established in each of the beneficiary countries, which will help to improve the understanding of the respective national contexts and to identify national specificities in each country. The focus groups will be a crucial support to facilitate both communication with national stakeholders and access to relevant information.
  14. The socio-economic analysis will focus on those marine economic activities from the industrial and artisanal small-scale sectors which have a direct link to Mediterranean marine and coastal ecosystems. The following activities will be considered, a priori:
    - Fishing and marine aquaculture;
    - Maritime transport;

- Cruising and pleasure boating;
- Coastal tourism;
- Energy production;
- Extraction of marine aggregates (aggregates, salt, fresh water via desalination...);
- Offshore oil and gas industry;
- Sub-marine telecommunication and electric cables.

### **C. ACTIVITIES**

15. The consultancies will comprise one national mission per country and one regional mission. Expected tasks are as follows:

National missions in Lebanon, Morocco and Tunisia: Analysis report about the situation of the selected Mediterranean marine economic activities and their relation with the Mediterranean marine and coastal ecosystems in the beneficiary countries of the Regional – Governance and Knowledge generation Project.

- (1) Establishment of national analysis reports for Lebanon, Morocco and Tunisia.

A. Objectives of the national analysis reports

- a. Initial assessment study, producing a socio-economic analysis of the use of the marine environment and the cost of its degradation for the Mediterranean coastline of Lebanon, Morocco and Tunisia;
- b. The Consulting Firm will prepare the socio-economic assessment, using any available guidance prepared at the Mediterranean or European level. The analyses should be widely consulted upon and supported by Lebanon, Morocco and Tunisia, in order to encourage the countries to take strong ownership of the reports and their results.

B. Scope

- a. The geographical scope of the assessment covers the Mediterranean coastline of Lebanon, Morocco and Tunisia. Wherever relevant, data should be broken down to smaller geographic areas, allowing better assessment of the distribution of impacts and integration of economic analysis with the social analysis. The Consulting Firm will specify the available and chosen level of detail for all elements analyzed in the socio-economic assessment and note any uncertainties about the breakdowns.
- b. Different levels of detail on different environmental pressures, as relevant to different areas of sea, will be used. The level of detail in analysis should be proportionate to the importance of environmental pressures with respect to achieving GES, and to the complexity of decision-making.

C. Methods

The assessment should adopt an approach that presents information in a clear way for decision makers. The use of consistent tools, assumptions and methods within analyses will facilitate coordination, combination and comparison of information. Methods to be used are:

- a. Use of the DPSIR framework (Driver, Pressure, State, Impact, Response; see Annex A). The DPSIR framework provides a useful conceptual basis for linking scientific information and socio-economic analysis. Especially

the PSI elements can deliver information on state (baseline), pressures and impacts (change).

- b. Considering the use of the guidance document from the European Commission, DG Environment “Working Group on Economic and Social Assessment – Economic and Social Analysis for the initial assessment for the Marine Strategy Directive: A guidance document” (December 2010).

Concerning the economic assessment component of the analyses, market and non-market costs and benefits will be considered.

- Economic activity in the sectors mentioned above under paragraph 14 will be described in a baseline study by their turnover, Gross Value-Added (GVA) and employment, and where possible, distinguishing directly and indirectly supported activities.
- The impacts of changes in the marine environment on ecosystem goods and services will be assessed, stipulating the geographical and temporal distribution of impacts, e.g. in a three-level-approach (low, medium and high evaluation).

The Consulting Firm should note that the link to the term “impacts” used in the DPSIR framework does not only relate to “impacts” on people or society but is also valid for the natural environment, such as species or ecosystem functions.

Throughout the realization of this assignment the Consulting Firm will be in regular contact with the national focus groups, in order to be able to better integrate the respective national contexts and to facilitate access to information. These national focus groups will be established for each of the beneficiary countries and will be composed by one to four representatives for each country. The lead of each focus group will be taken by the respective member of the ReGoKo Project Steering Committee, who may identify other relevant stakeholders to be represented in the national focus group, such as national experts on environmental valuation and accounting, representatives from relevant Ministries, national experts on the economic activities subject to this assignment (see paragraph 14), or any other person whose involvement will be judged beneficial to the assignment by the ReGoKo Project Steering Committee member. In accordance with Plan Bleu, members of the ReGoKo Project Steering Committee may also delegate the lead of the focus group to another qualified national representative. The responsibilities of the focus group are: (i) facilitating access to relevant national information, and (ii) providing feedback on the preliminary and final results of this assignment; thus enhancing the taking of ownership in the beneficiary countries.

#### D. Tasks

- a. Scoping. Three national inception workshops (1 in Lebanon, 1 in Morocco, 1 in Tunisia) will be organized and animated by the Consulting Firm and in consultation with Plan Bleu. The objective of the inception workshops will be to raise the awareness and understanding of involved stakeholders about national social and economic issues related to the quality of marine ecosystems. The inception workshops will allow the Consulting Firm to scope the report and the availability of data. Based on the results of the

inception workshops, the Consulting Firm will produce a scoping report which will also detail the chosen methodology to be used during the realization of the national analysis reports.

- b. Data collection. Data availability is a key issue in the feasibility of any approach to a socio-economic assessment of marine activities. One of the constraints the Consulting Firm will be likely to encounter is having data at the right spatial scale. Therefore, extensive collection and review of existing studies will be required. Key data gaps will be identified and highlighted. The Consulting Firm will produce a literature review, listing data sources and data characteristics for each Beneficiary, including the review of relevant Country Environmental Analyses conducted by the World Bank (Tunisia in 2004, Egypt in 2005, Jordan in 2010, and Lebanon in 2011)<sup>2</sup>.
- c. Collation and Analysis of data. The socio-economic assessment will be based on data from a variety of sources of information. The Consulting Firm should collate existing data, and where necessary undertake further manipulation of it to produce comparable and coherent data. Other than the national focus groups, the Consulting Firm will also contact other key stakeholders and resource persons in Lebanon, Morocco and Tunisia to gather original data.
- d. Cost of degradation. The evaluation of the cost of degradation of the marine environment is a specific requirement of this assignment. The Consulting Firm will develop a specific approach to analyze the cost of degradation of the marine environment, which will take into account relevant economic theory and literature. In particular, the Consulting Firm will review existing studies and reports, such as the latest World Bank publication on the cost of environmental degradation (2010)<sup>3</sup> and a 2008 World Bank paper on "Valuation of Marine Ecosystem Services: A Gap Analysis"<sup>4</sup>, in order to avoid overlap with these studies in which case an update of available analytical work should be done. The assessment should quantify or qualitatively describe the current cost of degradation using latest available data, and the expected future cost of degradation at the horizon 2020 under a "business as usual" scenario.
  - The ecosystem service approach. Under this approach, the cost of degradation will be described through comparison of the actual and the projected 2020 state with the "not-degraded" state. The "not-degraded" state will be defined by the GES objective; that is to say if the actual or projected 2020 state is GES, there is no degradation and the cost of degradation is zero. The analysis will identify ecosystem services and associated benefits which are potentially lost if the environment is negatively affected. The related cost of degradation of the marine environment will be described qualitatively, quantitatively or if possible in monetary terms. Special attention will be given to

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<sup>2</sup> <https://openknowledge.worldbank.org/handle/10986/2757>

<sup>3</sup> <http://issuu.com/world.bank.publications/docs/9780821383186>

<sup>4</sup> <http://mail.cbd.int/marine/voluntary-reports/vr-mc-wb-en.pdf>

irreversible effects with large consequences. These changes are characterized by an absence of substitutes and associated infinite costs for which standard valuation approaches may not be applicable. However, to perform a fully quantified and monetized assessment of the cost of degradation over time will require significant resources and data, which are likely to exceed the scope of this assignment. Therefore, two alternatives to assessing the full cost of degradation are presented below.

- The thematic approach. The thematic approach assesses the current cost of degradation. The idea is to estimate, qualitatively or quantitatively, different costs related to the current degradation of the marine environment. This will include accounting costs which refer to current expenditures on measures for environmental protection and environmental prevention, abatement costs and transaction costs as well as opportunity costs that relate to the loss of benefits for activities that suffer from environmental degradation. The degradation will be measured against a possible situation where GES is achieved. This situation will have to be determined and analyzed, for example cost of installing a water treatment plant after an ecosystem degradation.

Each of the approaches mentioned above will only reveal part of the full cost of degradation and it will be important to clearly indicate what the chosen approach does and does not capture, also in the sense that the approach can be repeated and that any uncertainty is discussed.

The Consulting Firm will consider the presented approaches and is also free to propose a different approach. The choice of the approach used will also be based on the availability of relevant data. The Consulting Firm's proposal of approach used to assess the cost of degradation of the marine environment will be validated with Plan Bleu.

- e. Realizing the reports:
  - Drafting and editing of the preliminary version of the national reports, to be consulted upon by the national focus groups and to be approved by Plan Bleu.
  - Submission of the edited final version of the report after consultation of the national focus groups and after validation by Plan Bleu in consultation with COR-ESA.
  - All reports shall address areas of uncertainty.
- f. The final reports should include non-technical summaries that:
  - Specify the scope of the assessment (geography, time, communities and environmental pressures/impacts);
  - Describe the main conclusions;
  - Present key data; and
  - State the level of accuracy of the results.
- g. Valorization. Three national completion workshops (1 in Lebanon, 1 in Morocco, 1 in Tunisia) will be organized and animated, in cooperation with the regional coordinator and in consultation with Plan Bleu: Presentation and discussion of results and formulating recommendations. The

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Consulting Firm will draft a report on the workshop outcomes to be submitted to Plan Bleu.

- **Regional mission:** Establishment of a comparative synthesis and methodological guide
  - (1) The Consultant will have a coordinating role between the three countries involved in this assignment, to ensure that data used in national-level economic and social analysis are consistent and comparable as far as possible.
  - (2) Establishment of a comparative synthesis report:
    - a. Comparison of the results of the national analyses;
    - b. Description and critical analysis of methodologies used throughout the establishment of the national analyses; and
    - c. Guidance to replicate methodologies for other Mediterranean countries.
  - (3) Animation of a regional results seminar, presenting the main findings and lessons learned as well as the synthesis report.

### **E. MODALITIES, DELIVERABLES AND DURATION**

16. It is expected that national and regional missions will start in July 2013. All missions are planned to be finalized by June 2014. The table below indicates the Project's calendar. This schedule is indicative only.

	<b>July 2013</b>	<b>July/August 2013</b>	<b>January 2014</b>	<b>March/April 2014</b>	<b>April/May 2014</b>	<b>May/June 2014</b>	<b>June 2014</b>
<b>National mission Lebanon</b>	Start - Inception workshop	Scoping report - literature review	Submission of preliminary report	Submission of final report and non-technical summaries	National results workshop		Regional results seminar - End
<b>National mission Morocco</b>	Start - Inception workshop	Scoping report - literature review	Submission of preliminary report	Submission of final report and non-technical summaries	National results workshop		
<b>National mission Tunisia</b>	Start - Inception workshop	Scoping report - literature review	Submission of preliminary report	Submission of final report and non-technical summaries	National results workshop		
<b>Regional mission</b>	Start		Start drafting the synthesis report		Submission of preliminary synthesis report	Submission of final synthesis report	
← Coordination →							

17. The assignment will be realized by a consulting firm covering the four following roles: One regional coordinator, one national consultant for Lebanon, one national consultant for

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Morocco and one national consultant for Tunisia. Missions and tasks will be realized collaboratively and individually, as defined in the tables below, and as the consulting firm will subsequently propose in the work plan to be established with the technical proposal.

18. The regional coordinator will be responsible for the following tasks:
- (1) The overall realization and coordination of the activity and the animation of the consultants' consortium;
  - (2) the organization and animation of the regional seminar;
  - (3) the establishment of the regional synthesis report;
  - (4) ensuring the coherence and comparability of the national analyses and workshops.
- The regional coordinator has the overall responsibility for the above-mentioned tasks but he/she is encouraged to consider as much as possible the inputs from the national consultants.
19. In the respective countries, the national consultants will be responsible for:
- (1) Liaising with national stakeholders;
  - (2) Establishment of national analyses;
  - (3) Animation and organization of national workshops;
  - (4) Providing inputs to the regional coordinator with regard to the regional synthesis report;
  - (5) Interventions during the regional seminar, in coordination with the regional consultant.
20. It is expected that the assignment would take a total of 180 days, divided as follows (the timing is indicative only and is modifiable depending on identified priorities):
21. **DELIVERABLES AND PLANNING FOR THE NATIONAL MISSION IN LEBANON**

<b>ref</b>	<b>Deliverable's Title</b>	<b>Duration (days)</b>
0	Initial meeting with the national and regional consultants and with Plan Bleu in Marseille. Provide the work plan for the national mission, to be validated by Plan Bleu.	2
a.1	Organization and animation of the national inception workshop: prepare agenda in consultation with Plan Bleu; provide presentations, report of the workshop outcomes and list of participants. Distribute the project's evaluation sheets, make sure they are filled-in by all participants and provide copies of the evaluation sheets as well as the summary evaluation table to Plan Bleu (Annex B).	5
a.2	Drafting of scoping report, to be approved by Plan Bleu.	1
b	Drafting of literature review, to be approved by Plan Bleu.	3
c+d	Drafting of preliminary report, including data collation and analysis, assessment of the cost of environmental degradation, to be consulted upon by the national focus groups and to be approved by Plan Bleu.	28
e+f	Drafting of the final report, including non-technical summaries, to be consulted upon by the national focus groups and to be approved by Plan Bleu in consultation with COR-ESA.	5

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g	Organization and animation of the national results workshop: prepare agenda in consultation with Plan Bleu; provide presentations, report of the workshop outcomes and list of participants. Distribute the project's evaluation sheets, make sure they are filled-in by all participants and provide copies of the evaluation sheets as well as the summary evaluation table to Plan Bleu (Annex B).	5
RM	Interventions during the regional seminar, in coordination with the regional consultant.	1
<b>Total</b>		<b>50 days</b>

**22. DELIVERABLES AND PLANNING FOR THE NATIONAL MISSION IN MOROCCO**

<b>ref</b>	<b>Deliverable's Title</b>	<b>Duration (days)</b>
0	Initial meeting with the national and regional consultants and with Plan Bleu in Marseille. Provide the work plan for the national mission, to be validated by Plan Bleu.	2
a.1	Organization and animation of the national inception workshop: prepare agenda in consultation with Plan Bleu; provide presentations, report of the workshop outcomes and list of participants. Distribute the project's evaluation sheets, make sure they are filled-in by all participants and provide copies of the evaluation sheets as well as the summary evaluation table to Plan Bleu (Annex B).	5
a.2	Drafting of scoping report, to be approved by Plan Bleu.	1
b	Drafting of literature review, to be approved by Plan Bleu.	3
c+d	Drafting of preliminary report, including data collation and analysis, assessment of the cost of environmental degradation, to be consulted upon by the national focus groups and to be approved by Plan Bleu.	28
e+f	Drafting of the final report, including non-technical summaries, to be consulted upon by the national focus groups and to be approved by Plan Bleu in consultation with COR-ESA.	5
g	Organization and animation of the national results workshop: prepare agenda in consultation with Plan Bleu; provide presentations, report of the workshop outcomes and list of participants. Distribute the project's evaluation sheets, make sure they are filled-in by all participants and provide copies of the evaluation sheets as well as the summary evaluation table to Plan Bleu (Annex B).	5
RM	Interventions during the regional seminar, in coordination with the regional consultant.	1
<b>Total</b>		<b>50 days</b>

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**DELIVERABLES AND PLANNING FOR THE NATIONAL MISSION IN TUNISIA**

<b>ref</b>	<b>Deliverable's Title</b>	<b>Duration (days)</b>
0	Initial meeting with the national and regional consultants and with Plan Bleu in Marseille. Provide the work plan for the national mission, to be validated by Plan Bleu.	2
a.1	Organization and animation of the national inception workshop: prepare agenda in consultation with Plan Bleu; provide presentations, report of the workshop outcomes and list of participants. Distribute the project's evaluation sheets, make sure they are filled-in by all participants and provide copies of the evaluation sheets as well as the summary evaluation table to Plan Bleu (Annex B).	5
a.2	Drafting of scoping report, to be approved by Plan Bleu.	1
b	Drafting of literature review, to be approved by Plan Bleu.	3
c+d	Drafting of preliminary report, including data collation and analysis, assessment of the cost of environmental degradation, to be consulted upon by the national focus groups and to be approved by Plan Bleu.	28
e+f	Drafting of the final report, including non-technical summaries, to be consulted upon by the national focus groups and to be approved by Plan Bleu in consultation with COR-ESA.	5
g	Organization and animation of the national results workshop: prepare agenda in consultation with Plan Bleu; provide presentations, report of the workshop outcomes and list of participants. Distribute the project's evaluation sheets, make sure they are filled-in by all participants and provide copies of the evaluation sheets as well as the summary evaluation table to Plan Bleu (Annex B).	5
RM	Interventions during the regional seminar, in coordination with the regional consultant.	1
<b>Total</b>		<b>50 days</b>

**23. DELIVERABLES AND PLANNING FOR THE REGIONAL MISSION**

<b>ref</b>	<b>Deliverable's Title</b>	<b>Duration (days)</b>
0	Initial meeting with the national consultants and with Plan Bleu in Marseille. Provide the work plan for the regional mission, to be validated by Plan Bleu.	2
RM1	Coordination	8
RM2	Drafting of preliminary synthesis report, including the comparison of the results of the national analyses, description and critical analysis of methodologies and guidance to replicate methodologies for other Mediterranean countries; to be consulted upon by the national focus groups and to be approved by Plan Bleu.	10

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RM2	Drafting of the final synthesis report, to be consulted upon by the national focus groups and to be approved by Plan Bleu in consultation with COR-ESA.	3
RM3	Organization and animation of the regional results seminar: prepare agenda in consultation with Plan Bleu; provide presentations, report of the workshop outcomes and list of participants. Distribute the project's evaluation sheets, make sure they are filled-in by all participants and provide copies of the evaluation sheets as well as the summary evaluation table to Plan Bleu (Annex B).	7
		<b>Total 30 days</b>
<b>GRAND TOTAL OF 3 NATIONAL AND 1 REGIONAL MISSIONS:</b>		<b>180 days</b>

### **F. QUALIFICATIONS OF THE CONSULTING FIRM**

#### 14. Firm general profile

The firm should have a proven experience in:

- socio-economic evaluation;
- evaluation of ecosystem services;
- assessment of the cost of environmental degradation;
- environmental impact assessment;
- ecosystem approach;
- analyses of the marine and coastal environment;
- and preferably at the scale of regional seas and/or in the Mediterranean region.

The firm should have a proven ability to organize and present information in a manner that supports decision making and should have a sound understanding of key issues related to this assignment, in particular of the costs and benefits to different stakeholders of changes to the condition and/or use of the marine environment.

#### 15. Required staff

Coordination skills and Teamwork abilities are essential to carry out the consultancy. The following staff is required for the preparation of the above-specified deliverables:

Key-Staff specialists required qualifications are the following:

- (1) For key staff realizing the regional mission:
  - a. Diploma : Master's degree in environmental economics or in another field relevant to the assignment;
  - b. Domain(s) of expertise: environmental economics; socio-economic evaluation; environmental impact assessment; project management and coordination; international experience;
  - c. Years of professional experience in general: 7;
  - d. Years of professional experience in the required domain(s): 5; and
  - e. Previous experience in similar projects.

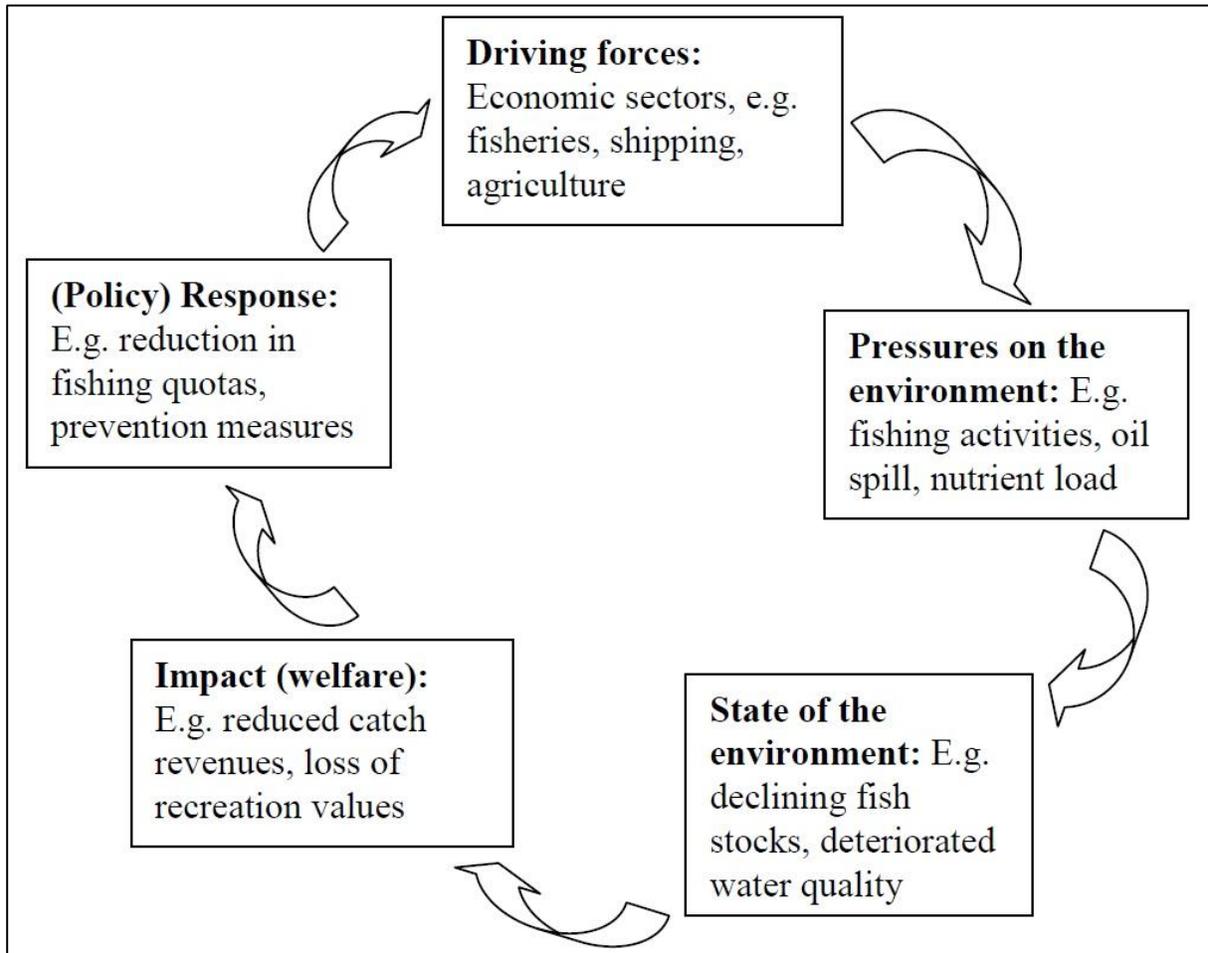
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- (2) For key staff realizing the national missions:
- a. Diploma : Master’s degree or equivalent in environmental economics or in another field relevant to the assignment;
  - b. Domain(s) of expertise: environmental impact assessment; evaluation of ecosystem services; assessment of the cost of environmental degradation; socio-economic evaluation; and at the international level. Experience in the Mediterranean region highly appreciated;
  - c. Years of professional experience in general: 7;
  - d. Years of professional experience in the required domain(s): 5; and
  - e. Previous experience in similar projects.
- (3) Staff requirements:
- a. Number of staff: At least 4 team members, including 1 regional coordinator and 3 specialists for the national missions (1 for Lebanon, 1 for Morocco and 1 for Tunisia).
  - b. For the specialists realizing the national missions, it is a plus to be well acquainted with the Moroccan, Tunisian and Lebanese contexts.
  - c. Moroccan, Tunisian and/or Lebanese nationals as team members are highly appreciated.
- (4) Language requirements:
- a. Staff: English, Arabic and French. Not all staff members are required to speak all 3 languages, but each of the 3 languages should be mastered by at least one member of the team working on this assignment.
  - b. Reporting: English. Arabic or French summary desirable.

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**ANNEX A:** The DPSIR (Drivers Pressures Status Impact and Response) framework (adapted from Turner et al. 2010)



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### ANNEX B: Evaluation Sheets and summary evaluation table

#### REGIONAL- GOVERNANCE AND KNOWLEDGE GENERATION PROJECT

[Title, place and date of the training]

#### Evaluation form

Could you please complete the two pages of this form to contribute to the improvement of our performance.

In the case where, in addition to today's event, one or more Studies have been realized under the Project and made available lately, please also consider these Studies in your evaluation.

Item	Evaluation			
	1 Mediocre, it has to be completely reviewed	2 Acceptable, some points have to be improved	3 Satisfying, good	4 Very satisfying
1. Organization				
• Venue	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
• Accommodation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
• Meals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
• Information / Communication	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
• Simultaneous translation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
• Documents availability before the meeting	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
• Animation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Content of Events/Studies				
• Presentations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
• Background documents	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
• Clarity and comprehensibility of key messages	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
• Open questions have been answered	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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3. Relevancy of contents	Evaluation			
	1 Not at all	2 I don't think so	3 I think so	4 I am sure
<ul style="list-style-type: none"> <li>Do you think that the Event/Study can promote dialogue about sustainable development among stakeholders?</li> </ul>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
If yes, on which level (local, national, regional) and how? If not, why? _____ _____ _____				
<ul style="list-style-type: none"> <li>Do you consider the information received useful/relevant for policy making in your country?</li> </ul>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
If yes, on which level? If not, why? _____ _____ _____				
<ul style="list-style-type: none"> <li>Do you think that you will use the information received, in your everyday work?</li> </ul>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
If yes, which specific piece(s) of information and how? If not, why? _____ _____ _____				
<ul style="list-style-type: none"> <li>Do you think that the information received can have an impact on sectoral and development policies in your country?</li> </ul>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
If yes, what kind of impact and how? If not, why? _____ _____ _____				
<b>Comments or improvement ideas</b>				
_____				
_____				
_____				

**Thank you!**

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SUMMARY EVALUATION TABLE

TITLE OF THE TRAINING: XX

DATE AND PLACE OF THE TRAINING:

XX

Please number all evaluation sheets (1 to n).  
Please use this table to calculate average scores.

Number of Training participants:	
Number of completed questionnaires:	
Return rate:	#DIV/0!

Sheet N°	Organization								Content					Relevancy					COMMENTS
	Venue	Accommodation	Meals	Info / Communication	Simultaneous translation	Docs available before the meeting	Animation	Total Organization	Presentations	Back-ground docs	Clarity and of key messages	Questions have been answered	Total content	Event can promote dialogue	Info relevant for policy making	Info will be used	Info can have an impact	Total Relevancy	
1								#DIV/0!					#DIV/0!					#DIV/0!	
2								#DIV/0!					#DIV/0!					#DIV/0!	
...								#DIV/0!					#DIV/0!					#DIV/0!	
n								#DIV/0!					#DIV/0!					#DIV/0!	
Overall average	#D IV/ 0!	#D IV/ 0!	## ## #	#DIV /0!	#DIV /0!	#DIV/ 0!	#D IV/ 0!	#DIV/0!	#DIV /0!	#DIV /0!	#DIV /0!	#DI V/0!	#DIV/0!	#DIV/ 0!	#D IV/ 0!	#DI V/0!	#DIV/0!	#DIV/0!	

