



**UNDP/GEF PROJECT ENTITLED “REDUCING ENVIRONMENTAL STRESS IN THE
YELLOW SEA LARGE MARINE ECOSYSTEM”**

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For the UNDP/GEF Yellow Sea Project
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Guidelines for Preparing Management Actions for SAP
Prepared by PMO

1 LOGICAL CONSIDERATIONS

Following the discussions and agreement of the 1st meeting of the *Ad-hoc* Working Group, the regional targets for SAP to address environmental problems identified in the causal chain analysis have been prepared.

The next step for preparing SAP is to identify necessary management actions to achieve the targets as agreed. PMO has prepared a “checklist” that provides logical considerations on how the management actions would be identified. The checklist is attached as Annex 1 to this guideline.

The checklist for logical considerations contains the following sections (referring to the checklist):

- (i) The ecosystem services and the environmental problems identified in the CCA are listed as the column A & B;
- (ii) The regional targets identified in the 1st Ad-hoc working group meeting are shown in the column C;
- (iii) It was considered that the management actions should include three major elements: technical, legislative and institutional actions;
- (iv) In order to have logical consideration and effective identification of relevant management actions, there are four major steps:
 - ***Ideal Management Actions***, which means that in an ideal world with no constraints, these are the perfect set of management actions required to achieve the regional targets. In another words, one should list necessary management actions that can achieve the regional targets **without** consideration of limitations in a real world. By doing this, we can get a “perfect” list of the actions for further analysis.

- **Analysis of Planned & On-going Management Actions**, which means the current and already planned actions, at national, regional and international levels, that will help to achieve the aimed for regional targets. This analysis will help us to consider the gaps in actions that need to be further considered. The lack of action should also be noted
 - **Feasible Management Actions by 2020**; these are the realistic management actions that are proposed to be implemented to achieve the regional targets. They may be the same as those already previously mentioned under the section “Analysis of Planned and On-going Management actions” if these actions are deemed either sufficient or the only possible measures that can be introduced to achieve the regional targets. They may also be the same as those identified in the “Ideal Management Actions” if all the conditions can be met to take the actions.
 - **Potential Demonstration Activities and Sites**; these are the activities or sites that will be used to demonstrate the effectiveness of the suggested “Feasible Management Actions by 2020.”
- (v) The table (Annex 1) provides a framework to complete the logical considerations of the management actions. To address the relevant environmental problems recognised by the relevant experts, the regional management actions should be effectively identified.

2 DEFINITION OF TERMINOLOGIES

The definition of the terminologies used in the checklist table (Annex 1) is attached as Annex 2 for easy reference by the experts.

3 HOW TO PUT INPUTS IN RIGHT PLACES

- (i) To input the necessary information under the heading of “*Ideal Management Actions*”, there is a need to include as many potential management actions as possible in order to get the optimum background knowledge and information;
- (ii) To input the necessary information under the heading of “*Analysis of Planned & On-going Management Actions*”, complete information about those actions is necessary, including the targets, actions, timeframe, responsible institutions and planned budget, etc. It should be noted that actions planned at a national level would be considered as national co-financing resources when we prepare the proposal for the next phase of the project: the implementation of SAP.
- (iii) To input the necessary information under the heading of “*Feasible Management Actions by 2020*”, it would be more helpful if detailed management actions could be provided. The more detailed the actions identified, the easier the drafting of the SAP will be later in the project.
- (iv) For some management actions, if one does not know whether it should be *technical, legislative or institutional*, input the detail under which ever heading is most suitable, there is no need to worry at this stage. During the discussion in the 2nd Ad Hoc Working Group meeting, it can be clarified.

Please consider Management Actions (ideal, planned and on-going, feasible actions) with respect to your relevant field of responsibilities, together with the suggestions on

potential demonstration site. You need to provide your ideas and submit the table to the PMO.

Annex 2. Definition of Terms

Regional Target (Ecosystem quality objectives) – The ecological state that is aimed for by the year 2020

Ideal Management Actions – In an ideal world with no constraints, these are the perfect set of management actions required to achieve the regional targets

Planned and ongoing Management Actions – Analysis of the current and already planned actions, at national, regional and international levels, that will help to achieve the aimed for regional target

Feasible Management Actions set in place by 2020 – These are the realistic management actions that are proposed be implemented to achieve the regional targets. They may be the same as those already previously mentioned under the section “Planned and ongoing management action” if these actions are deemed either sufficient or the only possible measures that can be introduced to achieve the regional targets.

Potential Demonstration Activities and Sites – These are the activities or sites that will be used to demonstrate the effectiveness of the suggested management actions (eg. mariculture sites where optimal densities and species balance should be achieved)

Technical Management Actions – these are the technical, scientific, practical, procedural or methodological actions that are currently in place or those required to achieve the regional targets.

Legislative Management Actions – These are the issuance of laws, policy changes and regulations currently in place or those required to achieve the regional targets

Institutional Management Actions – These are the mechanisms of implementation of the technical actions and the enforcement of the introduced policy, regulations and laws. The mechanisms may include co-ordination, co-operation, collaboration of national and regional institutions, and compliance.

Required level of detail – under the management actions; sufficient detail is required to provide guidance on the measures that are in place, planned and required. General terms like “improved cooperation” are not useful in defining management actions and actual mechanisms of how cooperation can be improved need to be provided.