



SEVENTH FRAMEWORK PROGRAMME  
THEME 6

Environment (Including Climate Change)

**WP5 Integrated Assessment Workshop**

Proposal Acronym: **MEECE**

Proposal full title: **Marine Ecosystem Evolution in a Changing Environment**

Grant agreement no: **212085**

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## WP5 Integrated Assessment Workshop 3-5 March 2010, Amsterdam

### **Participants:**

GerJan Piet (chair, IMARES)  
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### **Decisions from the Workshop**

#### *Task 5.1*

Framework for integrated management of marine resources consists of:

1. Linking the MSFD and CFP objectives involving all structural and functional properties of the ecosystem to the various human activities in an integrated manner through a semi-quantitative assessment based on expert judgment in order to establish the main activities that may compromise these objectives.
2. Focus on at least one human activity (the main as established in the assessment but fisheries is explicitly mentioned in our proposal) and the main links to the objectives in order establish where and how management should include the various MEECE drivers
3. For step 2 we will establish a hierarchical approach distinguishing relevant sub-activities (i.e. métiers in fisheries) and further elaborating objectives into ecosystem components and attributes and subsequently indicators. These units will be the basis for discussion with WPs 2,3,4.
4. Possible indicators for incorporation of the drivers into management will also be discussed with the WPs 2,3,4. This could/should be a link to our 5.4. task as well.

The outcome of this assessment is something very suitable to present to stakeholders (in collaboration with WP6) to get their feedback.

A review of possible decision support tools with a focus on their implementation as part of fisheries management is distributed among partners. We will discuss which of these can be used in the WP5.

#### *Task 5.2*

We have applied a decision-support tool that shows how indicators can be used to inform decision-makers in one of the regions. This will also be tried in one of the other regions. Again, this is something where we could engage with stakeholders (i.e. through WP6).

Management scenarios and possible eHCRs (environmental Harvest control Rules) have been and are being developed. Further development will depend on outcome of the meeting with WPs 2,3,4 where we intend to find out what management strategies can be considered in the models (e.g. for closed areas we need a spatial component, for technical measures size- or species-specific models).

### *Task 5.3*

The framework for MSE is more or less set up. We will implement this in only a few specific cases where the 5.1 assessment shows the strongest links. This will certainly be the link fisheries-commercial fish stocks. But also fisheries-foodweb. We will also explore possibilities to apply MSE to other links.

## **Meeting Agenda**

### **Wednesday March 3rd**

10.00 Start workshop

- General introduction workshop and WP5
- Task 5.1 Presentations, discussion, possibly some actual work (lead IMARES)

18.00 Finish workshop

### **Thursday March 4th**

9.00 Workshop continue

- Task 5.2 Presentations, discussion, possibly some actual work (lead DTU)
- Task 5.3 planning (lead IMARES)

18.00 Finish workshop

19.00 Group dinner

### **Friday March 5th**

9.00 Workshop continue

- Task 5.4 ? (lead IRD)
- Linking WP5 to WPs 2-4
- Linking WP5 to WP6 (stakeholder involvement)
- Any other business

14.00 Finish workshop