



Consultation workshop – cost-effectiveness of monitoring

Milestone 7

Dissemination level
Report – internal to project

LEAD CONTRACTOR

SYKE

AUTHORS

Soile Oinonen (SYKE), Melanie Austen (PML)

SUBMISSION DATE

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Objective

One of the main objectives of the WP2 “Social-economic implications for achieving GES” is to identify cost-effective Marine Strategy Framework Directive (MSFD) monitoring. Milestone 7 is part of Task 2.1.1 (Identify criteria to determine the cost-effectiveness of different suites of monitoring and assessment systems used and developed for MSFD) which is led by SYKE. The objective of this milestone was to hold a workshop aimed discussing and refining methods to determine cost effectiveness of monitoring. The intention was to collate and compare existing data, and to discuss and refine methods in order to develop a system against which the cost effectiveness of the different monitoring systems could be scored and ranked (Task 2.1.1). The workshop aimed to bring together WP2 partners face to face and hence a second objective was also to have a more general update on WP2 issues.

1. Agenda and Participants

The workshop was held 9-10 April 2014 in Rome. The workshop was delayed from its original planned date in order to synchronize it with other DEVOTES workshops, decrease travel costs and increase the potential for participation. Thus the milestone workshop was held immediately after the Steering Committee meeting. Eight WP2 members were present: John Atkins (UHULL), Melanie Austen and Tobias Borger (PML), Tiziana Luisetti and Lucille Paltriguera (Cefas), Arantza Murillas (AZTI), Soile Oinonen and Joona Salojärvi (SYKE).

Agenda

Location: The meeting was hosted by CoNISMa at
Piazzale Flaminio, 9 – 00196 Roma

Starting time: 9th April 14:00

Wednesday: 14:00 Welcome and aims of the workshop
14:15 Discussion of monitoring cost data
- ca 30 min per case study area
16:00 Coffee break
16:20 Round table on cost-effectiveness criteria (all partners)
- Discussion of deliverables 1.4 and 3.1
16:50 Methodology for the cost-effectiveness analysis
- What can we do with the current data, do we need more data?
18:00 End of day 1

Joint dinner

Thursday: 08:30 WP2 general update
- How to deal with Milestone M2-1?
10:30 Case study reports
- Specification of case study areas and outline of the needed reports
12:00 Lunch
13:00 Drafting of the reports
16:00 End of the workshop

Ending time: 10th April 16:00

2. Topics covered

The workshop started with partner presentations on the monitoring cost data collection. The overall conclusions were that:

- Costs per sample are needed to calculate costs per indicator and per descriptor.
- Such detailed cost data is proving hard to collect.
- Partners agreed to continue collecting the data according to the commonly developed data collection template.

The development of a common method for the cost-effectiveness analysis has thus been started and implementation is underway. The method is a combination of standard economic analysis and Multi-Criteria-Decision-Analysis. It will be tested first at two WP2 case study areas (Bay of Biscay and Gulf of Finland).

The development of the cost-effectiveness criteria needs to be finished within three months. Development of the scoring system and the need to consult with those in other WPs was discussed. The common understanding was that the indicator criteria developed by WP3 are applicable. Social criteria still need further development and it is unlikely that other WPs will be able to provide much input on them. The workshop agreed to develop a new list of social and economic criteria and check relevant literature, etc., in order to broaden the notion of cost beyond monetary measures to include social measures. These are to be discussed at the next Skype meeting in late May 2014.

It was agreed that each WP2 partner will make their own list of social criteria. These sets of criteria will be discussed and merged to form the social side of the scoring system.

More generally the need for collaboration between WP2 and other work packages was discussed and particularly with WP6 (integration) and WP3 (indicators).

The progress of the WP2 paper submitted to the IMBER open science conference was discussed including the contributions required from all partners during May.

A list of measures for the UK, prioritized from a UK perspective, is available to complete T2.2.1 (cost-based assessment of management measures). Cefas will contact HCMR to see if a similar list is available yet from the ODEMM project. The intention is to compile the management measures for descriptors that are relevant in DEVOTES (starting with new measures to achieve GES).

For task 2.3.2 (development of a systemic modeling approach) UHULL will circulate a task update and workshop plans (including timings, etc.)

The date and timing of the next WP2 skype meeting were agreed (21 May, 13:00 UK time)

3. Other consultation efforts

Soile Oinonen (SYKE) participated in and gave a presentation at the workshop “Towards indicator based, cost effective and policy compliant monitoring and assessment of the marine biodiversity in the Baltic Sea (Total Bio)”. The event was held in Tallinn, Estonia 7-8 May 2014 and organized by the LIFE+ Nature & Biodiversity Project MARMONI (Innovative approaches for marine biodiversity monitoring and assessment of conservation status of nature values in the Baltic Sea.) The MARMONI project is also developing cost-effectiveness analyses for the marine biodiversity assessment for the Baltic Sea. They have developed a scoring system using concepts such as compliance and confidence to assess the cost-effectiveness of the monitoring methods. Moreover, they have developed a similar kind of monitoring cost collection template to that of DEVOTES WP2. The MARMONI project is in its final phase and their data collection and analyses are nearly completed. DEVOTES is allowed to use MARMONI approaches where applicable as long as the usual, proper acknowledgments and references are made. This has been done through an agreement between both projects.

The TotalBio workshop also demonstrated two other projects that DEVOTES WP2 could consult and collaborate with in developing its scoring system:

1. The Swedish research programme WATERS has developed criteria called precision that could also be applied in the DEVOTES analyses (www.waters.gu.se).

2. Moreover, the EU pilot project “Towards a joint monitoring programme for the North Sea and the Celtic Sea (JMP NS/CS), invited DEVOTES WP2 to participate at their workshop in Brussels 10-12 June 2014 to discuss monitoring cost data collection and possibilities to develop multi-disciplinary indicator monitoring.