

CCR MED – RAC MED Projects Participation

CCR MED – RAC MED General Assembly
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MED RAC Projects participation

- Pilot Project 2 (DISCATCH) “On catch and discard composition including solutions for limitation and possible elimination of unwanted by-catches in trawl net fisheries in the Mediterranean”
- TEMPO
- MAREFRAME



DISCATCH - catch and discard composition including solutions for limitation and possible elimination of unwanted by-catches in trawl net fisheries in the Mediterranean

- Financed under FP7 – Research and Innovation
- **Duration:** 18 months, starting from 2014
- **Main focus:** To understand the reasons for discarding and identify solutions to tackle the by-catches of unwanted species and specimens



DISCATCH - catch and discard

- **Objectives:**

- to provide an overall assessment of the fishing fleet discarding behaviour, and to identify the main reasons for discarding in demersal and small pelagic trawl fisheries.
- to identify measures, including technical ones related to fishing gear characteristics, to mitigate or eliminate by-catches of unwanted species and measures to eliminate discarding based on existing or new measures



DISCATCH - catch and discard

- **Methodology:** provide for each of the 7 non-adjacent Mediterranean region the followings:
 - a comprehensive review and analysis of scientific papers and technical reports covering fisheries for demersal and small pelagic fisheries in the selected area;
 - a description of commercial yields, discard rates, selectivity parameters in relation to different mesh sizes/shapes and/or net structures through existing simulation models;
 - a comprehensive analysis of the relevant data collected
 - statistically significant sea trials, both for demersal and small pelagic trawls, supplemented by predictive simulation models to test the use of different mesh sizes, shapes and net structure.



DISCATCH - catch and discard

- **Main tasks for the MED RAC:**

- to coordinate and facilitate the consultation with relevant stakeholders;
- to plan the stakeholder meetings/events;
- to get stakeholders feedback;
- to disseminate the project results.

- **How would these be carried out?**

- By organizing two stakeholders event at the beginning and at the end of the project, where feedbacks will be collected through a survey using the Multi Criteria Decision Analysis
- By presenting results and flow of information through a well organized website



DISCATCH - catch and discard

- **Budget allocated to the RACMED:**
 - 2 people: working through the project lifetime (18 months).
 - A total budget of **53.008 €** which includes also travel, accommodation and organization costs for the 2 workshops.
- **Case study affecting the MED RAC:**
 - Italy : - Sicily Channel (deep fishery); - North-Central Adriatic: Anchovies; - South Adriatic (continental shelf) and - Central-Southern Tyrrhenian Sea: Hake, red mullet
 - Spain: -Bottom trawl fisheries developed along the continental shelf and the slope (up to 800 m depth) off Iberian Peninsula (GFCM GSA1 and GSA6); Balearic Islands (GSA5).



TEMPO - Tools enabling Ecosystem Based Management Plans and Operations Project

- Financed under FP7 – Research and Innovation
- Duration: 2014-2017
- **Main focus:** provide information needed by managers and advisors to achieve Ecosystem Based Fisheries Management (EBFM), and to deliver that in a form that is suitable to these stakeholders rather than to a scientific community
- **Objective:** translate scientific knowledge and the results of modeling into the information needed by the stakeholders actually implementing EBFM



TEMPO - Tools enabling Ecosystem Based Management Plans and Operations Project

- **Methodology:** make use of a wide range of modeling and analytical approaches to provide the data and insights to develop better understandings of fishery impacts on key ecosystem components (migrations, spawning and nursery areas, growth etc.), as well as habitat use potential implications of climate change
- **What MED RAC should do:** provide stakeholders' feedback through questionnaires ; ask for data support and scientific evidence for implementing management plans



MAREFRAME - Co-creating Ecosystem-based Fisheries Management Solutions

- Financed under FP7 – Research and Innovation
- **Duration:** 2014-2017
- **Main focus:** use of innovative monitoring systems and decision support tools for fisheries advice through training actions, role-play and workshops
- **Objective:** The project will provide new knowledge, methods, models and tools to support the integration of an ecosystem-based approach in fisheries advice and to support decision-making for ecosystem based fisheries and environmental management.



MAREFRAME

- **Methodology:** Ecosystem models will be developed and compared on seven datasets of six European regional seas (1 for the MED) and then evaluated using a simulated ecosystem as an operating model.
- **Main tasks for the MED RAC:**
 - to attend face-to-face and remote meetings (using Skype or other available tools);
 - to provide input on the current situation at European and case study level (main topics, concerns, etc.);
 - to discuss preliminary results generated in the project;
 - to dialogue with other RACs and stakeholders on “hot” topics; and to facilitate other stakeholders involvement



MAREFRAME - Co-creating Ecosystem-based Fisheries Management Solutions

- **Budget allocated to the RACMED:**
 - 2 person/month: total of 280 eligible hours trough the project lifetime (4 years).
 - A total budget of **19.500 €** which includes also travel and accommodation.
- **Case study on the Strait of Sicily** - two models will be applied:
 - Trophic flows between components of the ecosystem, (small pelagic species and hake,) to improve the understanding of the dynamics of these stocks under different environmental scenarios.
 - The impact of alternative scenarios of technical measures (e.g. area closure, mesh sizes, gear restrictions), on the ecosystem and fisheries.

