

MareFrame



MareFrame Policy Day

MareFrame Final Meeting

12-14.12.2017 Bruxelles

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This project has received funding from the European Union's Seventh Framework Programme for research, technological development and demonstration under grant agreement no. 613571

On the implementation of Ecosystem-Based Fisheries Management

EU Call for Proposals

Very specific and very many problems

Desire for

Ecosystem-Based Fisheries Management

EBFM



Ecosystem-Based Fisheries Management

- **Ecosystem health not linked with the socio-economics**



Ecosystem-Based Fisheries Management

- Ecosystem health not linked with the socio-economics
- **Ecosystem models did not not provide management advice**



Ecosystem-Based Fisheries Management

- Ecosystem health not linked with the socio-economics
- Ecosystem models did not provide management advice
- Little consensus on models
- Data fragmented
- Ecosystem knowledge remains with scientists
- EBFM difficult to communicate
- Institutional obstacles to EBFM



EU Call, 2012
 Group of 28 partners
 Submit proposal in 2013

MareFrame

Features of call:

Interdisciplinary
 Wide-ranging tech
 Ecological models
 Socio-economics

Features of group:

Correspondingly wide



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The overall project objective:

to remove the barriers to EBFM



The MareFrame plan

- **Develop** a Decision Support Framework (DSF) for EBFM
- **Support** implementation:
 - Common Fisheries Policy (CFP)
 - Marine Strategy Framework Directive (MSFD).



Many generic outputs

Outputs include **tools which will outlive MareFrame**

One example: MFDB

MFDB is the **open source** MareFrame DataBase **toolkit**

It is a generic tool to store and retrieve data for analyses of ecosystems,
including input to ecosystem models

The approach has been used in all case studies and is completely generic

Anyone, anywhere can set up the database for their own system

The database provides output directly to assessment tools in the DSF



The Decision Support Framework (DSF) combines:

1. Co-creation process
2. Ecosystem models
3. Decision Support Tools
4. Educational resources



MareFrame Roadmap to EBFM

- A short summary of the Roadmap has been distributed
- The DSF will be demonstrated several times
- The DSF has been applied in all European seabasins
- The final presentation of today: the Roadmap.



Impact/outputs

Tools



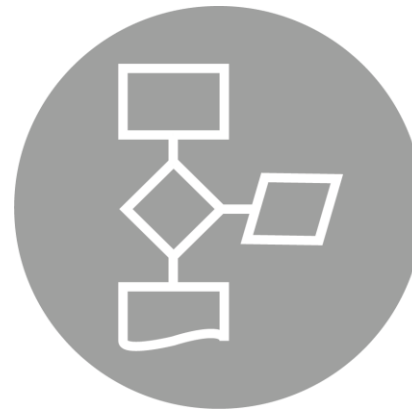
Knowledge



Models



Methods



Agenda of the day

10:30

- MareFrame outputs
- Guest from the advisory system (STECF)

12:20 Presenters from industry

14:15 Panels & briefing

15:35 The MareFrame Roadmap: Bringing it together

15:40 Round Table



Next up: Co-creation

