

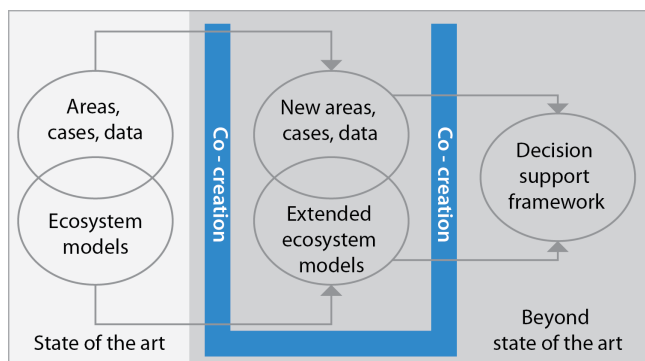
Networking with other projects

MareFrame liaises with other national and international research projects and is highly relevant to the future management of marine resources in Europe in a changing environment, taking a holistic view incorporating socio-economic and legislative issues.



Outcomes

- New tools and technologies
- Extended ecosystem models and assessment methods
- New Decision Support Framework (DSF) that can highlight alternative management actions and their consequences
- Development, acceptance and incorporation by stakeholders
- Support implementation of the new Common Fisheries Policy (CFP), the Marine strategy Framework Directive (MSFD) and the Habitats Directive (HD)



HAFRANNSÓKNASTOFNUN



Shuttle Thread



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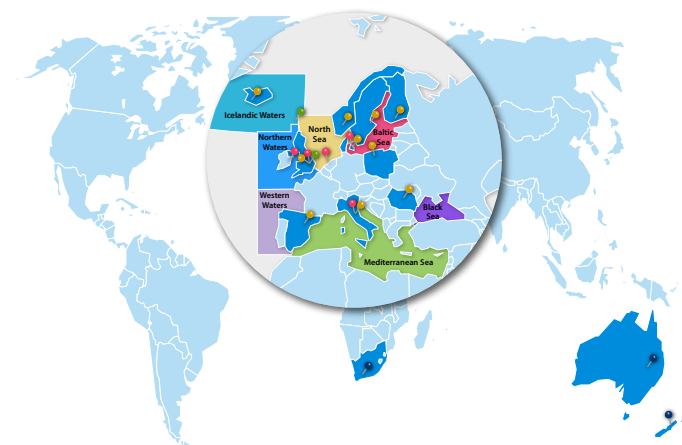


NORTH WESTERN
WATERS



MareFrame

Co-creating Ecosystem based Fisheries Management Solutions



Project coordination

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Funded under the EU FP7 Programme
A consortium of 28 partners from 14 countries
Duration of four years: Jan. 2014 – Dec. 2017

Work programme topic addressed: KBBE
2013.1.2-08: Innovative insights and tools to integrate
the ecosystem-based approach into fisheries advice

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



Aim

MareFrame seeks to remove barriers that currently prevent a more widespread use of an Ecosystem-based Approach to Fisheries Management (EAFM) by developing:

- Novel data based on new tools and technologies
- Ecosystem models and assessment methods based on indicators of Good Environmental Status (GES)
- A Decision Support Framework (DSF) adapted to the needs of decision makers, managers, operators, and other stakeholders that will support the implementation of the new Common Fisheries Policy (CFP), Marine Strategy Framework Directive (MSFD) and Habitats Directive (HD)

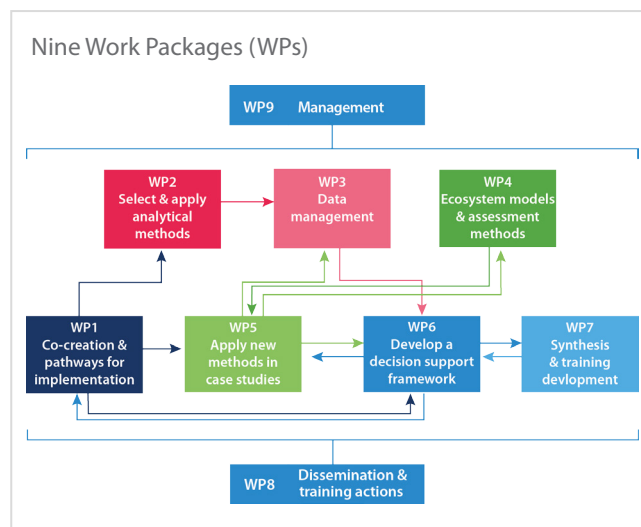
Beneficiaries

MareFrame contains tangible benefits for groups of stakeholders who have primary interest in clear policy objectives. The benefits include:

- Efficient and effective decision-making and implementation
- Sustainable industry performance in terms of ecological, social and economic aspects



The strategy



The MareFrame project will

- Enhance the capacity to provide holistic assessment on important issues
- Provide advice and decision support for an ecosystem based approach to fisheries management
- Look at feasibility for implementation

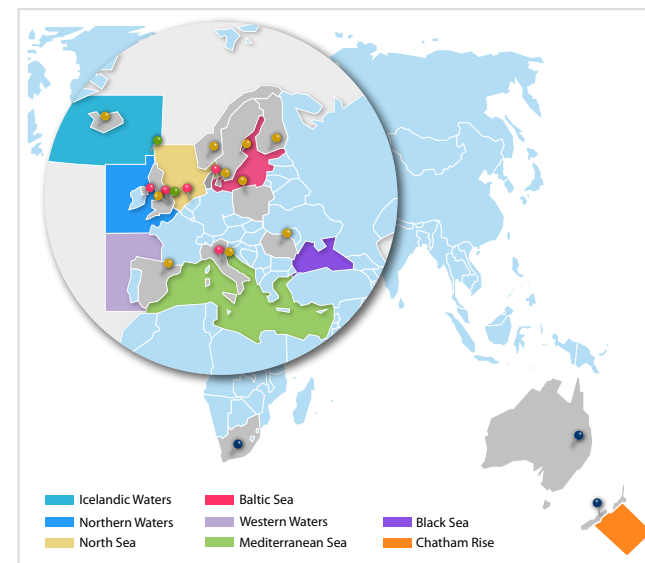
MareFrame will allow for

- Collaboration across multiple scientific fields
- Collaboration between different ecosystems involved in catching of fish
- Co-creation approach which merges analytical and participatory processes in collaborative research with stakeholders

A new approach

Broad spectrum of ecosystem based models will be developed. These models will then be tested and compared systematically to the same ecosystems, and evaluated using the same underlying datasets. This allows for a robust approach to test scenarios that are less dependent on model choice.

The new ecosystem approach will be based on responsiveness, flexibility, and stakeholders' involvement. It will be developed and demonstrated through training actions, role-play and workshops with stakeholders.



Eight case studies	Six ecosystem models
Baltic Sea North Sea Northern Waters – Iceland Northern Waters Western Waters Mediterranean Sea Black Sea Chatham Rise – New Zealand	GADGET Ecopath with Ecosim (EWE) FishSums Multi-species prod. models Size spectra Atlantis