

COEXIST

Interaction in coastal waters

FACTSHEET



At a Glance

Title:	Coexist - Interaction in European coastal waters: A roadmap to sustainable integration of aquaculture and fisheries
Programme:	FP7, Cooperation, Food, Agriculture and Fisheries, and Biotechnology (KBBE)
Instrument:	Collaborative project (small or medium-scale focused research project)
Total budget:	€3,777,931
EC contribution:	€2,995,500
Duration:	April 2010 – March 2013
Coordinator:	Institute of Marine Research, Norway
Consortium:	13 partners from 10 European countries
Web:	www.coexistproject.eu

The Challenge

Europe's coastal zones are of great socio-economic value. Population densities are high and coastal zones constitute prime space for development of a range of different activities. They provide a vast supply of food, energy resources, and natural products, and they represent a fertile space for recreation and tourism. The dynamic processes that occur within the coastal zones produce diverse and productive ecosystems which have historically been of great importance for human populations.

However, many of Europe's coastal zones are under pressure to balance competing activities and face potential conflict for space allocation. Stakeholder groups are diverse and represent distinct sectors, such as fisheries, aquaculture, tourism, wind farm operation, and natural conservation areas. Above all, there is a requirement to meet valuable environmental protection rules and regulations.

Project Objective

Coexist is a broad-based, multidisciplinary project which will evaluate competing activities and interactions in European coastal areas. The Coexist project will aspire to provide a roadmap to better integration, sustainability and synergies across the diverse activities taking place in the European coastal zone.

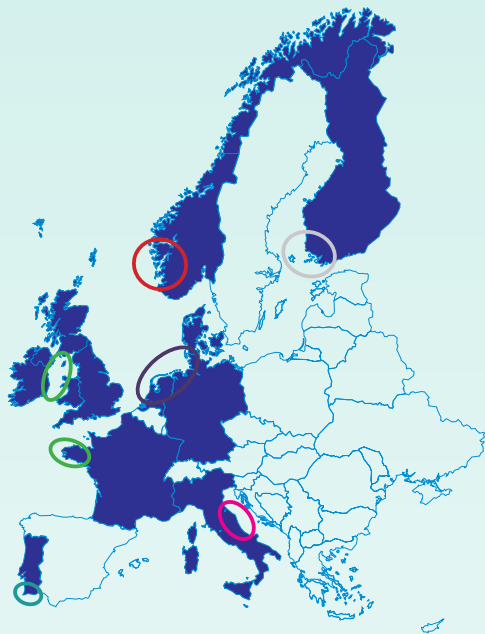


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Methodology

Coexist will promote a harmonised approach for the sustainable use of Europe's seas and oceans. With the commitment of 13 institutions from 10 European countries, the partnership will provide ecosystem modelling tools to support decision-makers on maritime space management choices. Geographically diverse case studies will be considered, representing the conditions and combinations of activities in European coastal areas. These will provide data for further analysis and evaluation. Case study results will be compiled in order to identify benefits and bottlenecks for concomitant development.

Figure 1: Map localising the case studies



Hardangerfjord
 Atlantic Sea Coast
 Algarve Coast
 Adriatic Sea Coast
 Coastal North Sea
 Baltic Sea

Results

Coexist will publish a roadmap for integration of aquaculture and fisheries with other activities in the coastal zone. Other flagship project outcomes will include:

- Characterisation of relevant European coastal marine ecosystems, their current utilisation and spatial management.
- Evaluation of spatial management tools for combining coastal fisheries, aquaculture and other uses, both now and in the future.

Project Partners

Norway

Institute of Marine Research
 (Coordinator)



Finland

The Game and Fisheries
 Research Institute



Finnish Environment Institute



Denmark

Danmarks tekniske universitet



Germany

Johann Heinrich von Thünen
 Institute; Federal Research
 Institute for Rural Areas,
 Forestry and Fisheries -
 Institute of Sea Fisheries



The Netherlands

IMARES and LEI, part of
 Wageningen University &
 Research centre



U. K.

Centre for Environment, Fisheries
 and Aquaculture Science



Ireland

University College Cork
 AquaTT



France

Institut Français de recherché pour
 l'exploitation de la mer



Portugal

The Institute of Marine Research
 National Institute of Biological
 Resources



Italy

Consiglio Nazionale Delle
 Ricerche – Istituto Di Scienze
 Marine



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