“Interaction in coastal waters: A roadmap to sustainable integration of aquaculture and fisheries”

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CoExist Project:

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1. Objectives

CoExist: “Interaction in coastal waters: A roadmap to sustainable integration of aquaculture and fisheries”.

- Co-funded by the EC 7th Framework Programme (Call KBBE-2009-3)
- April 2010 – March 2013 (36 months)

Objective

COEXIST is a broad, multidisciplinary project which will evaluate competing activities and interactions in European coastal areas with the ultimate goal to provide a roadmap to better integration, sustainability and synergies across the diverse activities taking place in the European coastal zone.
Premises and input:

- Limited coastline
- Increasing level of conflict aquaculture-fisheries-other users
- EU (minus EEA) highly dependent on seafood import - no growth!
- Legislation, governance, management necessary
- Various EU projects: Interreg, MESMA etc.
- Various national projects – examples MOM, Akva-Vis, CANO, disease projects, iKyst, EPIGRAPH
2. Expected outcomes

**Expected outcomes:**

- Characterization 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

**TOOLS FOR SUPPORTING THE DECISION-MAKERS AND OTHER STAKEHOLDERS**
3. Workpackages

1. Base line: identification of interactions, conflicts and management tools in coastal waters (LP: SDLO/IMARES)
2. Legal institutional and policy frameworks (LP: UCC)
3. Integration of models and processes (LP: IMAR)
4. Evaluation of spatial management tools (LP: SDLO/LEI)
5. Synthesis of CoExist (LP: vTI-SF)
6. Communication and dissemination (LP: AquaTT)
7. Knowledge management (LP: IMR)
8. Project management (LP: IMR)
Figure 1. The interdependence of the components of COEXIST, and the information flow.
4. Case Studies

Case Studies:

1. HARDANGERFJORD – LP: IMR
2. ATLANTIC SEA COAST - LP: UCC
3. ALGARVE COAST - LP: IPIMAR
4. ADRIATIC SEA COAST – LP: CNR-ISMAR
5. COASTAL NORTH SEA – LP: vTI-SF
6. BALTIC SEA – LP: FGFRI
- Offshore waters
- Aquaculture
  - To be increased?
- Fisheries
- Tourism
  - Major importance
- Wind energy?
- National parks

- Inshore waters (fjord)
- Aquaculture (70 000mt)
  - To be decreased to 50 000mt
- Fisheries (negligible)
- Tourism
  - Major local enterprise
- Hydroelectric energy
- National parks
4. Case Studies
**The COEXIST Project**

COEXIST is a broad, multidisciplinary project which will evaluate competing activities and interactions in European coastal areas. The ultimate goal of the COEXIST project is to provide a roadmap to better integration, sustainability and synergies across the diverse activities taking place in the coastal zones of Europe.

The purpose of this document is to identify stakeholder issues and interactions in the various study sites around Europe e.g. issues and interactions between aquaculture sectors and fisheries or aquaculture and wind parks.

The Activity examined in this study site is AQUACULTURE in HARDANGERFJORD^*^.

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**SECTION 1 - About you/your organisation or sector**

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<tr>
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## Consortium:

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<td>Institute of Marine Research</td>
<td>Norway</td>
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<td>2 vTI-SF</td>
<td>Johann Heinrich von Thünen Institute, Federal Research Institute for Rural Areas, Forestry and Fisheries - Institute of Sea Fisheries</td>
<td>Germany</td>
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<td>4 IFREMER</td>
<td>Institut Français de recherche pour l’exploitation de la mer</td>
<td>France</td>
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<td>15 SDLO</td>
<td>Stichting Dienst Landbouwkundig Onderzoek (Stichting DLO)</td>
<td>The Netherlands</td>
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Thank you for your attention

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