COEXIST

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

**Project number:** 245178  
**Start date of the project (duration):** April 1st, 2010 (36 months)

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**Deliverable D6.6**

Project updates for stakeholders  

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**Organisation name of lead contractor:** AquaTT

**Due date of deliverable:** M12

**Actual submission date:** M12

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<td>PP Restricted to other programme participants (including the Commission Services)</td>
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<td>RE Restricted to a group specified by the consortium (including the Commission Services)</td>
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<td>AquaTT</td>
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Summary

This document compile all the targeted dissemination efforts carried out to disseminate the COEXIST project and its results during the first year.

The following table shows the events and presentations done on the COEXIST project:

Table 1: Events where the COEXIST project has been presented

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<tr>
<th>#</th>
<th>Partner</th>
<th>Event name</th>
<th>Date</th>
<th>Place</th>
<th>Title of presentation</th>
<th>Type of presentation</th>
<th>Type of audience</th>
<th>Size of audience</th>
<th>Countries addressed</th>
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<td>1</td>
<td>Emma Bello</td>
<td>Conference of Peripheral Port Cities workshop. 3rd European Maritime Day</td>
<td>20/05/2010</td>
<td>Gijon (Spain)</td>
<td>COEXIST “Interaction in coastal waters: A roadmap to sustainable integration of aquaculture and fisheries”</td>
<td>Oral presentation</td>
<td>Scientific community, NGOs and policy makers from European countries</td>
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<tr>
<td></td>
<td>(AquaTT)</td>
<td>Stakeholders Conference</td>
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<td>2</td>
<td>Emma Bello</td>
<td>Atelier d’Emergence de Projets : Energie-Environnement</td>
<td>15/09/2010</td>
<td>La Seyne sur Mer (France)</td>
<td>&quot;COEXIST: Interaction dans les eaux côtières: Un plan d’action pour l’intégration durable de l’aquaculture et les pêcheries&quot;</td>
<td>Oral Presentation</td>
<td>Scientific community, NGOs and policy makers from France</td>
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<td>3</td>
<td>Emma Bello</td>
<td>Workshop on Allocated Zones for Aquaculture (AZA) WGSC-SHoCMed</td>
<td>18-20/10/10</td>
<td>Seville (Spain)</td>
<td>COEXIST “Interaction in coastal waters: A roadmap to sustainable integration of aquaculture and fisheries”</td>
<td>Oral Presentation</td>
<td>Scientific community, NGOs and policy makers from Mediterranean countries</td>
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<td>Mediterranean countries: Albania, Algeria, Croatia, Greece, Italy, Morocco, Spain</td>
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<td>4</td>
<td>Øivind Bergh (IMR)</td>
<td>Directorate of Fisheries (Fiskeridirektoratet), dept of Coastal and Aquaculture</td>
<td>Jan-11</td>
<td>Bergen (Norway)</td>
<td>COEXIST: Interaction in coastal waters: A roadmap to sustainable integration of aquaculture and fisheries</td>
<td>Oral presentation</td>
<td>Policy and decision makers</td>
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<td>Norway</td>
<td>Targeted Dissemination</td>
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<td>5</td>
<td>Øivind Bergh (IMR)</td>
<td>Bergen Norway “Sats på torsk”- Go for the cod-network meeting</td>
<td>9-10/2/2011</td>
<td>Bergen (Norway)</td>
<td>Interaction In Coastal Waters: A Roadmap To Sustainable Integration Of Aquaculture And Fisheries</td>
<td>Poster</td>
<td>Industry, policy makers, Scientific community, producers</td>
<td>250</td>
<td>Norway</td>
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<td>6</td>
<td>Øivind Bergh (IMR)</td>
<td>Workshop Forward-COEXIST</td>
<td>20/02/2011</td>
<td>Ria Formosa (Portugal)</td>
<td>COEXIST Project Overview Case study Hardangerfjord</td>
<td>2 Oral presentations</td>
<td>Scientific community Industry Policy makers</td>
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<td>Portugal, UK, The Netherlands, Norway</td>
<td>Targeted Dissemination</td>
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</table>
1. Description of the events

2.1. Conference of Peripheral Port Cities workshop. 3rd European Maritime Day Stakeholders Conference

Established in 2008 as one of the key actions of the EU's Integrated Maritime Policy, the "European Maritime Day" shows the importance of the sea and oceans in coastal areas and across Europe as a whole. It brings together decision-makers and practitioners, creating a new dynamism of dialogue to highlight the opportunities and the challenges maritime regions have to face.

In the framework of the 2010 edition that took place in Gijon from May 18th to 21st, Brest métropole océane urban council has participated in a plenary session organised on Thursday 20th by Gijon City Council on the thematic: “Restructuring coastal cities for sustainable growth”.

On this occasion, a partnership agreement has been signed between the Conference of Peripheral Port Cities (CPPC) and the Conference of Atlantic Arc Cities (CAAC), to enhance cooperation between both networks.

During this meeting different projects relevant to the CPPC has been presented and different ways of collaboration among the participant of the meeting has been discussed.

Emma Bello Gomez from AquaTT (Ireland), partner of the project, made a presentation on COEXIST during this event.
2.2. Atelier d'Emergence de Projets : Energie-Environnement

The French National Contact Point Environment (NPC) holds regular meetings around the calls for proposals for FP7 to promote the French participation on the development of research and innovation projects at European level.

The workshop related to the “Ocean of Tomorrow” call was held in La Seyne sur Mer (France), the 15th September 2010.

The workshop opened with a presentation of the NCP Environment on the four issues of the call "Ocean of Tomorrow" 2010 (total budget of 45 million Euros):

- **OCEAN.2011-1**: Multi-use offshore platforms
- **OCEAN.2011-2**: Marine microbial diversity – new insights into marine ecosystems functioning and its biotechnological potential
- **OCEAN.2011-3**: Assessing and predicting the combined effects of natural and human-made pressures in the Mediterranean and the Black Sea in view of their better governance
- **OCEAN.2011-4**: Knowledge-base and tools for regional networks of MPAs, integrated management of activities together with assessment of wind energy potential in the Mediterranean and the Black Sea
During the conference three projects funded by the Seventh European Framework Programme in the Marine Thematic have been also presented:

- **AQUAMAR** "Marine Water Quality Information Services", FP7 SPACE, presented by Olivia LESNE (ACRI-ST)
- **DIGITAL OCEAN** "les océans numériques en 3D interactive", FP7 SME, presented by Alain DINIS (VIRTUALDIVE SAS),
- **COEXIST** "COEXIST: Interaction dans les eaux côtières: Un plan d’action pour l’intégration durable de l’aquaculture et les pêcheries", FP7 KBBE, presented by Emma BELLO GOMEZ (AQUATT)

This workshop had 60 participants with different profiles (decision-makers, researchers, SMEs, industry). Half of the participants attended the meeting in the venue in La Seyne-sur-Mer. A video-conference with the Brittany Maritime Cluster allowed the participants of this region to follow the workshop.
2.3. Workshop on Allocated Zones for Aquaculture (AZA) WGSC-SHoCMed

SHoCMed: “Developing siting and carrying capacity guidelines for Mediterranean aquaculture within aquaculture appropriate areas GFCM/CAQ” is a project in support to the activities of the GFCM Committee on Aquaculture (CAQ) which is co-funded by European Commission DG-MARE. The SHoCMed project aims to produce criteria for enhancing the integration of aquaculture into coastal zone management by improving site selection and holding capacity and identifying environmental quality standards and reference points.

The aim of the Workshop on Allocated Zones for Aquaculture (AZA) WGSC-SHoCMed was to present and discuss on the main issues related to spatial planning and coastal allocation zones for aquaculture activities within the GFCM region.

In the framework of this workshop an oral presentation on the COEXIST project and which cooperation and synergy could be established with the CAQ WGSC – SHoCMed has been done. This presentation is available in: http://www.faosipam.org/GfcmWebSite/CAQ/WGSC/2010/SHoCMed_AZA/ppt/COEXIST_AQUAMED.pdf.
2.4. Directorate of Fisheries (Fiskeridirektoratet), Department of Coastal and Aquaculture

Øivind Bergh from IMR was invited to present the COEXIST project to the Directorate of Fisheries (Fiskeridirektoratet), Department of Coastal and Aquaculture. He prepared a specific presentation for his audience mainly composed by policy and decision makers (see below).
## COEXIST 245178 – Deliverable D6.6

**1. Objectives**

**COEXIST** - "Interaction in Coastal Waters: A roadmap to sustainable integration of aquaculture and fisheries”

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**Various input:**
- Limited coastline
- Increasing level of conflict aquaculture/fisheries/other uses
- EU (e.g. FFSA) highly dependent on seafood report on greenfish
- Legislation, governance, management necessary
- Various EU projects meeting, MEDIM, etc.
- Various national projects: IMOM, Alava-Ys, GANQ, Annex projects (NRT, CERAM, Tercel, EROI/AH4L4H)

**2. Expected outcomes**

**Consortium**

**Workpackages**
- Phase line: Identification of interactions, conflicts and management tools in coastal waters (LP UoCAAS/IFREMER)
- Legal instruments and policy framework (LP LUG)
- Integration of models and processes (LP IMAR)
- Evaluation of fisheries management tools (LP SILCEUS)
- Synthesis of CoDA (LP VTT-SP)
- Communication and dissemination (LP AQUATTS)
- Knowledge management (LP: MP)
- Project management (LP:MP)

**4. Case Studies**

**4. Case Studies – Adriatic sea**

**Case Study 4: ADRIATIC SEA COAST**

- Interactions between fisheries, aquaculture and marine protected areas
- Assessment of sustainable management of fisheries and aquaculture activities in the Adriatic Sea
- Identification of best practices for the management and sharing of marine resources
- Development of recommendations for improves the sustainability of fisheries and aquaculture activities

**Thank you for your attention**

For more information about COEXIST, please visit [COEXIST website](http://www.coexist-project.eu)

- e-mail: info@coexist-project.eu
- website: www.coexist-project.eu
Øivind Bergh from IMR participated in the meeting of the Cod Network organisation. He presented a poster where the COEXIST project objectives and expected results were explicated. He also distributed the COEXIST factsheet in Norwegian to the attendants to this meeting in order to avoid the languages barriers for the understanding (see below).
2.6. Workshop Forward-COEXIST

Øivind Bergh from IMR participated in the Workshop FORWARD-COEXIST organised to analyse the synergies existing between these two projects. The Forward project main objectives are:

- To estimate the overall carrying capacity of the Ria Formosa, by means of integrated models at the system scale, and screening models for management
- To determine the sustainable carrying capacity of shellfish lease areas (clams, oysters)
- To look at the interactions between land-based aquaculture and the Ria, with particular reference to water quality on intake and discharge
- To assess the impact of diffuse sources on the Ria ecosystem
- To examine optimization scenarios for renewable resources in the Ria, based on regional development predictions and stakeholder expectations

During the Workshop several presentations were done on both projects to determine where there were synergies to promote a close collaboration. Øivind Bergh gave an overview on the COEXIST project and presented the Case Study related to the Hardangerfjord (see below).

Presentation COEXIST Overview
Extract of the Presentation on the Case Study Hardangerfjord

Impact from aquaculture 2011
- Tucapins – 300,000
  - Wild salmon stocks vulnerable
- Salmon Lice –
  - Afflicting wild and farmed salmon
- Pharmaceuticals – Yellow lice
  - Antibiotics, hormones, Antiparasitacs (PPG)
- Fish contamination – Wild fish
  - Coastal currents from farms, dominates area
- Other diseases – m.a.

Salmon/rainbow trout:
- 2011: 300,000
  - Wild salmon release front
  - 1.5-2.6 x 10^6 lice
- 2013:
  - 150,000
  - 1.5-2.6 x 10^6 lice

Hardangerfjord spatial management
- The Gullfjord report – Feb. 4th 2011
- The Hardangerfjord regulation – in prop.
  - Navigating: 6 meters
  - Cooperate, 6 meters
  - Coastal currents:
    - Maximizing salmon at risk
    - Changing current over