Towards sustainable coexistence of aquaculture and fisheries in the coastal zone

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coexist

Interaction in coastal waters

TOWARDS SUSTAINABLE COEXISTENCE OF AQUACULTURE AND FISHERIES IN THE COASTAL ZONE

THE COMPETING CLAIMS

Globally, coastal areas are subject to an increased pressure from competing activities. Coastal fisheries and aquaculture are highly dependent on availability and accessibility of appropriate sites. Aquaculture production is increasing, whereas fisheries are at best stagnant. Coastal activities also include activities such as recreation, tourism, facilities for renewable energy production, and even Marine Protected Areas.

PROBLEM ADDRESSED

Europe's coastal zones are of great socio-economic value

Highly demanded areas for developing multiple activities

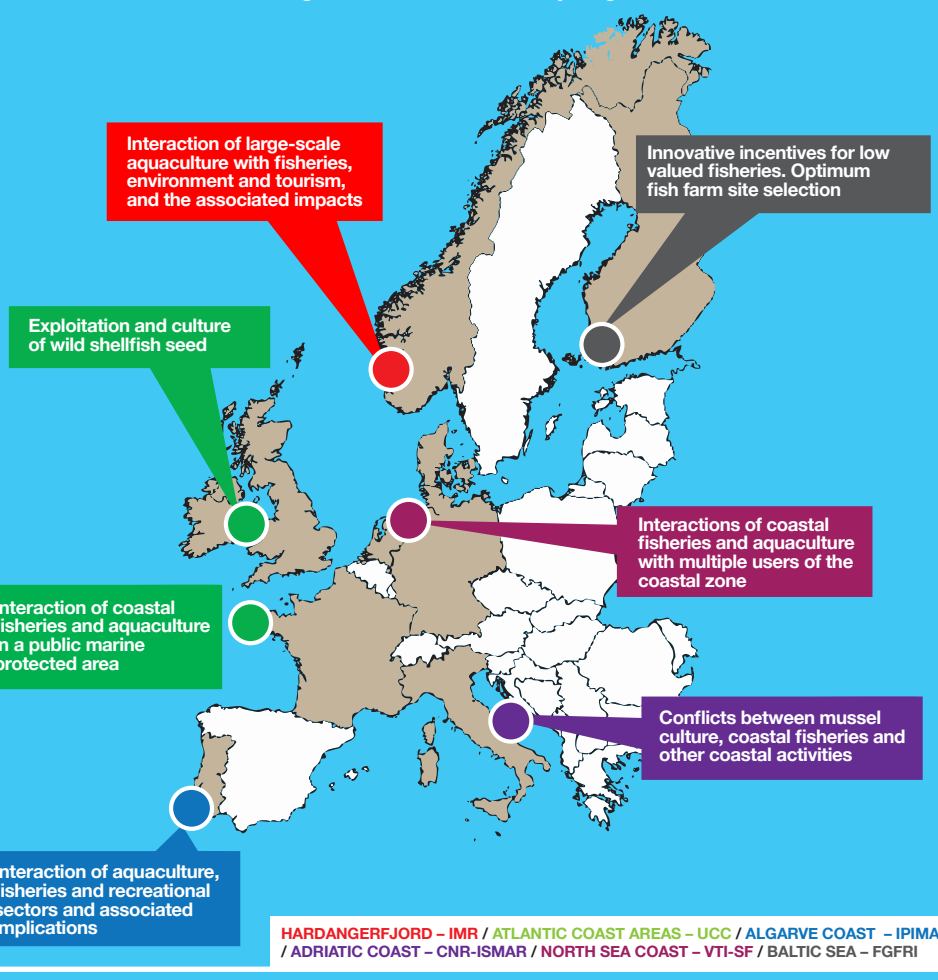
SOURCE OF CONFLICT FOR SPACE ALLOCATION

Coexist Challenge →

To balance competing activities and environmental protection

CASE STUDIES

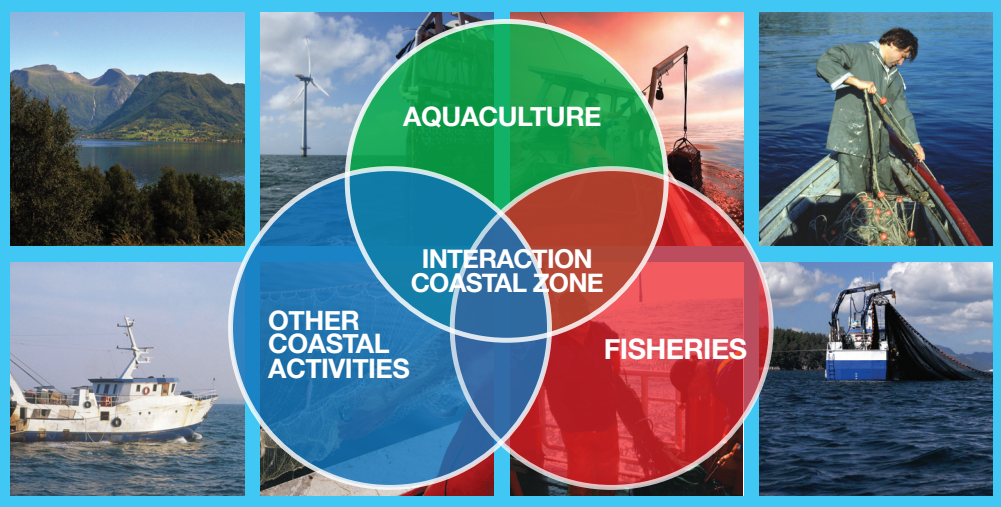
Case studies, representing the diverse conditions and combinations of activities of European coastal areas of particular importance for aquaculture and/or coastal fisheries, are studied to investigate interactions: both synergies and conflicts.



HARDANGERFJORD – IMR / ATLANTIC COAST AREAS – UCC / ALGARVE COAST – IPIMAR / ADRIATIC COAST – CNR-ISMAR / NORTH SEA COAST – VTI-SF / BALTIC SEA – FGFRI

ACTIVITIES WITH DIFFERENT OBJECTIVES

Management of aquaculture and fisheries and other activities in the coastal zone should be considered integral parts with local variations in their respective importance. Different activities advance towards different economic, environmental and socio-cultural objectives. How can we balance them?



MISSION

Coexist will:

- ✔ Promote a harmonized approach to the sustainable use of Europe's seas and oceans by a *transparent multi-criteria analysis*
- ✔ Provide valuable ecosystem *modelling tools* to support decision-makers on maritime matters when it comes to managing maritime space
- ✔ Produce a *roadmap* for integration of aquaculture and fisheries with other stakeholder activities in the coastal zone
- ✔ Support the European Maritime Policy and *spatial planning* of coastal area

ULTIMATE PROJECT OUTCOMES

Characterization of relevant European coastal marine ecosystems, their current utilisation and spatial management

Highly demanded areas for developing multiple activities

TOOLS FOR SUPPORTING THE DECISION-MAKERS AND OTHER STAKEHOLDERS

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