



European COastal-shelf sea OPerational observing and forecasting system

Fact Sheet

Project Information

ECOOP

Grant agreement ID: 36355

Start date

1 February 2007

End date

30 April 2010

Funded under
FP6-SUSTDEV

Overall budget
€ 11 238 655

EU contribution
€ 6 990 251

Coordinated by
DANMARKS METEOROLOGISKE
INSTITUT.

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Objective

The overall goal of ECOOP is to: Consolidate, integrate and further develop existing European coastal and regional seas operational observing and forecasting systems into an integrated pan-European system targeted at detecting environmental and climate changes, predicting their evolution, producing timely and quality assured forecasts, providing marine information services (including data, information products, knowledge and scientific advices) and facilitate decision support needs.

This is to be attained through the following activities:

- Integrate existing coastal and regional sea observing (remote sensing, in-situ) networks into a pan-European observing system
- Integrate existing coastal and regional sea forecasting systems into a pan-European forecasting system and assimilate pan-European observation database into the system

Assess the quality of pan-European observing and forecasting systems

- Assess the quality of pan-European observing and forecasting system
- Advance key technologies for the current and next generation pan-European observing and forecasting system
- Develop and generate value-added products for detecting environment and climate change signals
- Integrate and implement a pan-European Marine Information System of Systems (EuroMISS) for general end user needs
- Develop methodology and demonstrate an European Decision Support System for coastal and regional seas (EuroDeSS) that responds to the needs from targeted end users, as emphasized in the GEOSS and GMES initiatives
- Carry out technology transfer both in Europe and at intercontinental level, establish education and training capacities to meet the need for ocean forecasters

Programme(s)

Topic(s)

Call for proposal

FP6-2005-GLOBAL-4

Funding Scheme

IP - Integrated Project

Coordinator



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