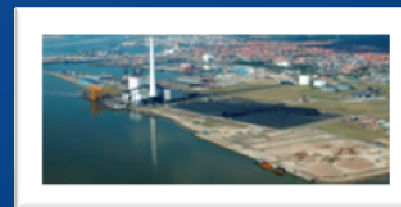
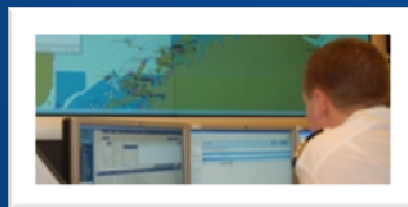
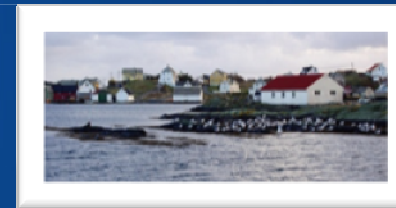
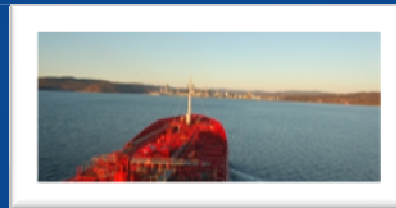
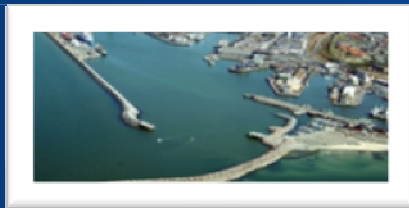


BLAST

Bringing Land and Sea Together

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What is the BLAST Project?

- A regional project for maritime safety in the North Sea region, founded by the EU as a part of the Interreg IVB North Sea region Programme.
- The project started in 2009 and was completed in 2012.
- 17 partners from 7 countries, including governmental organisations, universities and private companies, collaborated on the harmonisation and integration of land and sea data.
- The Norwegian Hydrographic Service was the lead partner.

The overall aim:

Improve Integrated Coastal Zone Management and Planning (ICZM&P) and maritime safety in a broad sense, in the context of climate change.



BLAST

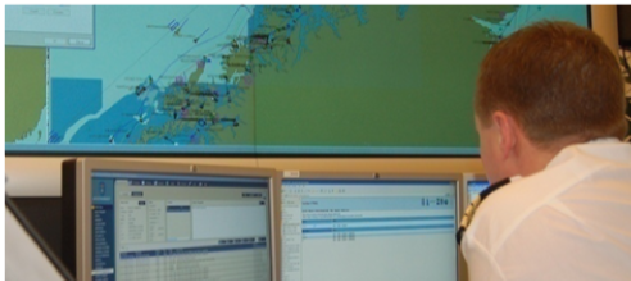
Bringing Land and Sea Together



Land and Sea Model



E-Navigation in the North Sea



Maritime Traffic Monitoring



Coastal Zone Climate Change

European Union  The European Regional Development Fund

**The Interreg IVB
North Sea Region
Programme**



*Investing in the future by working together
for a sustainable and competitive region*

Harmonising and Integrating Land and Sea Data

- It is a transnational European challenge to harmonise maritime information
- Lack of reliable maritime information:
A risk in respect to the maritime traffic navigation and monitoring
- Coastal zone management needs to be managed in a context of climate change adaption

Project Results

Land and Sea Model

- Transformation tool
- Surveying shallow-water areas
- INSPIRE-compliant metadatabase
- Integration of topographic and hydrographic data

Project Results

Navigating the North Sea

- Maritime Data Collection System
- North Sea Mariners' Routing Guide
- 3D navigational tools for the maritime sector
- Identify inconsistencies between adjacent ENC cells
- Converting nautical publications to chart features

Project Results

Climate Change in the Coastal Zone

- A survey of Integrated Coastal Zone Management policies and best practices
- Scenarios for future sea level rise
- Climate change adaption strategies
- A review of sustainability indicators
- A web-based decision support system (COINS)

Project Results

Maritime Traffic Harmonisation

- User needs for an improved maritime traffic monitoring platform
- Contributions to developing SafeSeaNet
- Better utilisation of AIS data in monitoring regional shipping traffic
- Software system now in use at the North Atlantic information Management Centre

Bringing Land and Sea Together

- Watch videos about the BLAST Project on blast-project.eu



Participants on the final BLAST conference "Future Perspectives", Edinburgh, Scotland, 17th-18th of September 2012.

www.blast-project.eu