

BLAST
Bringing Land and Sea Together

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THE BALTIC SEA HYDROGRAPHIC COMMISSION 15th Conference

The Interreg IVB
North Sea Region
Programme

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What is BLAST?

- A regional project under the Interreg IVB North Sea Region Programme
- Project period: 2009-2012
- Total budget: 6.3 million euros
- 16 main partners, one sub-partner and six associated partners from seven countries around the North Sea:
 - Governmental organisations
 - Private companies
 - Universities

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Overall Aim:

- Provide new and innovative solutions for the harmonisation and integration of marine and terrestrial geographical data.
- Improve maritime safety and integrated coastal zone management and planning – in the context of climate change.



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Land and Sea Model

Navigating the North Sea

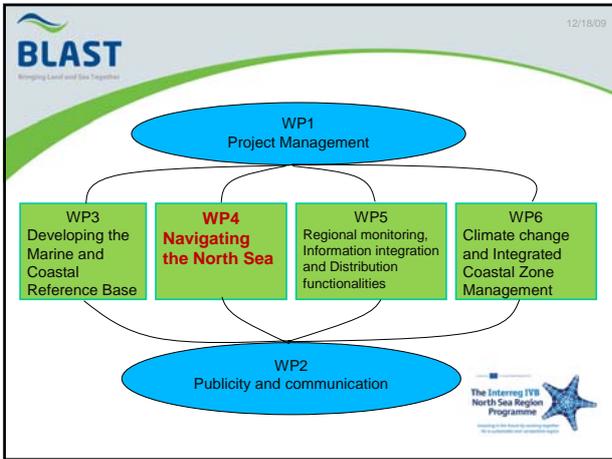
Maritime Traffic Harmonisation

Climate Change in the Coastal Zone

Four BLAST work packages

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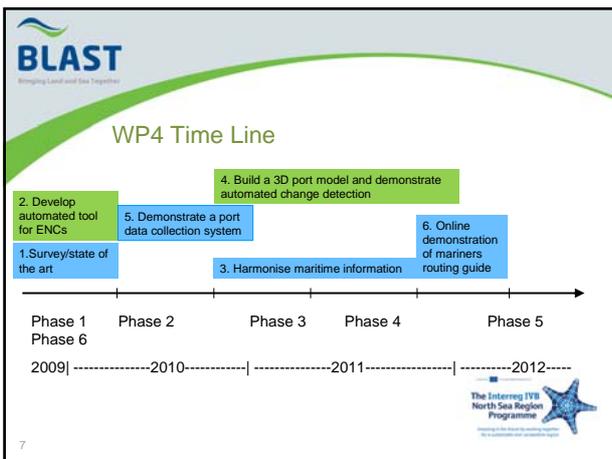
WP4 - Activities

1. Survey/describe state of art
2. Develop an automated tool for ENC
3. Harmonise maritime information
4. Build a 3D port model
5. Demonstrate a port data collection system
6. Online demonstration of Mariners' Routing Guide



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12/18/09

ACTIVITY 2:

Develop an Automated Tool for ENCs

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Act 2 – Develop an Automated Tool for ENCs

- HOs produce valid ENCs according to S57 Product Specification
- Inconsistencies in the encoding practices for ENCs exist between Hydrographic Offices
- This leads to differences in displayed information when used in ECDIS
 - This happens particularly where ENCs from different producers are adjacent in the display.
- Inconsistent display makes the mariner mistrust the data.





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Inconsistent ENC Coding

- PRIMAR Stavanger and IC-ENC Expert working group recommendations has been included in IHO S65
- Baltic Sea Hydrographic Commission working group (BSHEWG) presented a report in June 2008 on the findings of an analysis of the situation in the Baltic Sea
- BSHEWG recommendations has contributed to the recent revision of S65




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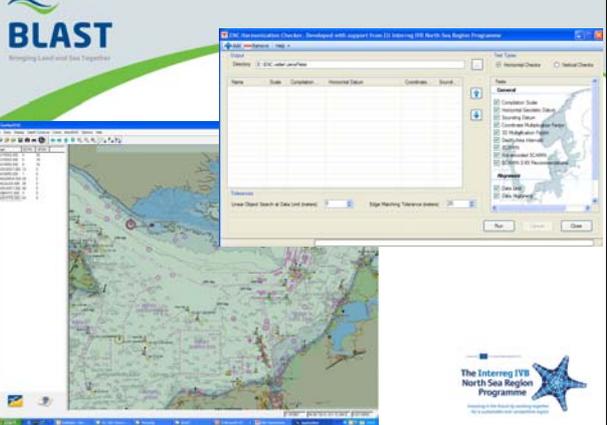
Act 2 – Develop an Automated Tool for ENCs

- Determine the object classes – work shop
- T-Kartor developed a tool to check adjacent ENCs
- Tested at hydrographic offices:
 - Norway
 - Denmark
 - UK
 - Belgium
- Completed within time and on budget before 31 March




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THANK YOU FOR YOUR ATTENTION

