

NANNUT

Nature and Nurture of the Northern Baltic Sea

Velmu-seminar

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Sonja Jaari

Sonja.Jaari@novia.fi



Picture Aleksii Lehtonen



Picture An Saura



Picture Lauri Urho



Picture Aleksii Lehtonen

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Nature and Nurture
of the Northern Baltic Sea 2010-2012



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CENTRAL BALTIC
INTERREG IV A
PROGRAMME
2007-2013

Background

- The Northern Baltic is a shallow nutrient rich area made up of a mosaic of islands and bays
- Some areas are very important for fish reproduction / marine biodiversity
- Intense human impact on the area (tourism, fishing, shipping etc.)
- Sustainable planning taking marine data into account impossible - no way to integrate existing underwater information in planning process today



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Picture An Saura



Picture Lauri Urho



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- MAIN AIM:

To integrate the usage of underwater information in the planning of human activities in marine shallow areas.

- Solutions for cost effective underwater inventories
- Classification systems for different bottom substrates
- Network among marine experts and people participating in administration



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- EU Central Baltic Interreg IV A programme 2007 - 2013
 - Subprogram: Archipelago and Islands
 - Duration: 3 years (Oct 2009 – Aug 2012)
 - Finances:
 - Project budget: 1 330 277 €
 - ERDF budget: 997 709 €
 - National: 332 568 €



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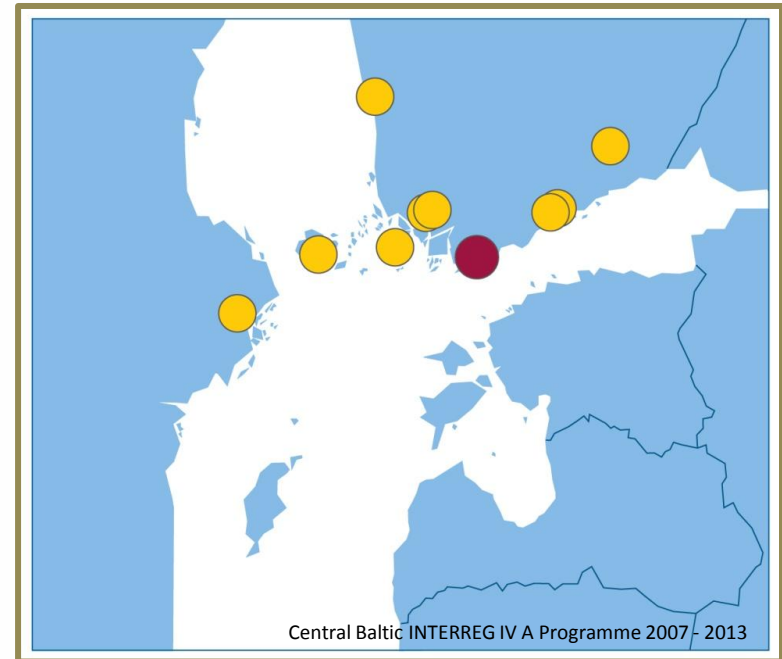


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Project area

- Northern Baltic: Kotka to Stockholm
- Ten project partners
 - **Novia – Lead Partner**
 - Varsinais Suomen-ELY
 - Natural Heritage Services, Southern Finland
 - Government of Åland
 - Stockholms Universitet
 - Finnish Game and Fisheries Institute
 - South-East Finland-ELY
 - Lounaispaikka
 - Uusimaa-ELY
 - Centre of Maritime Studies



Project structure

- Divided into three workpackages
 - WP1: Project management and coordination (NOVIA)
 - WP2: Construction of marine tools (Stockholm University)
 - WP3: Exemplary usage of marine spatial information (Uudenmaan ELY)



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WP2: Construction of marine tools

- Aim: Gather information about under water nature and create tools for governance
- Results:
 - Summary of existing classification and evaluation systems suitable for underwater habitats
 - Modeling of map of fish reproduction areas.
 - Combining marine information available from sphere of influence of harbours in Turku and Kotka



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Picture Lauri Urho



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WP2: Construction of marine tools

- How:
 - Documentation of underwater data: sampling, diving, video, compile existing data
 - Construction of classification system for underwater nature – helps identify vulnerable areas
 - Inventories to verify classification system
 - Interactive map-based database for partners and general public



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WP3: Exemplary usage of marine spatial information

- Aim: To create model systems which transform data collected in WP2 into a usable form for spatial planning and other activities
- Results:
 - Models which integrate marine information in spatial planning and other activities concerning shipping and fishing.
 - Practical manuals to be used in the decision process made in co-operation with stakeholders.



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Picture Lauri Urho



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WP3: Exemplary usage of marine spatial information

- How:
 - Collaboration with municipal personnel in a planning process in Raseborg – inventories of marine areas, suggestions for which vulnerable areas should get special attention
 - Compile existing data for preventing damage from oilspills – how is marine environment taken into consideration - write manual for how this can be done in practice
 - Close contact with fisheries associations – exchange information about how fishing affect marine areas, provide information about potential fishing limitations and how fishstocks may benefit from them
 - Educational roadshow to guide authorities and municipalities to utilize marine information in spatial planning



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News

- Kick-off March 2010
- First field season summer 2010
 - Project-meeting in Mariehamn 22. 4.
- Web-pages to be launched in April 2010
 - probably: www.nannut.fi or via Novias homepages www.novia.fi



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