

# Maritime Spatial Planning for Blue Economies

## Plan4Blue project

Funding by INTERREG Central Baltic

Budget 1,9 m€

October 2016 – September 2019

# #plan4blue



European Union  
European Regional  
Development Fund



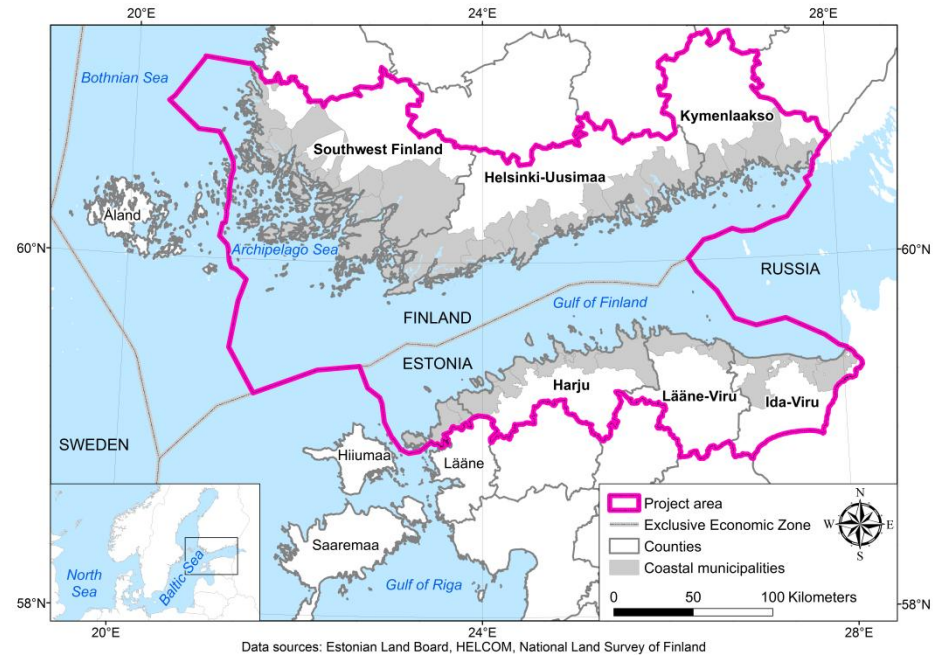
# PLAN4BLUE

**MARITIME SPATIAL PLANNING FOR  
SUSTAINABLE BLUE ECONOMIES**



# Gulf of Finland and Archipelago sea

- Home of more than 3 million people
- Home of irreplaceable nature
- More than 100 ships crosses the area every day
- ~40 000 tonnes of herring catch
- Variety of protected areas (7000 km<sup>2</sup> Natura 2000)
- Gas pipes, electricity transmission
- Just to name a few of the present features...



+ future potentials



# Project objectives

- Cross-border coherence of MSP improves in the Gulf of Finland area
- Awareness on sustainable use of the resources and planning increases among key actors and stakeholders
- Capacity of planners, managers and stakeholders to assess and manage environmental and socio-economic impacts of cross-border marine activities increases



# Partners



UNIVERSITY OF TARTU



Turun yliopisto  
University of Turku



Helsinki-Uusimaa  
Regional Council



VARSINAIS-SUOMEN LIITTO  
EGENTLIGA FINLANDS FÖRBUND  
REGIONAL COUNCIL OF SOUTHWEST FINLAND



How did we work in Plan4Blue?





## WP 1 Blue Economy

Riitta Pöntynen, University of Turku

What is the economic potential of blue sectors?  
What are the future scenarios, trends and drivers?



## Blue Economy scenarios - 2050

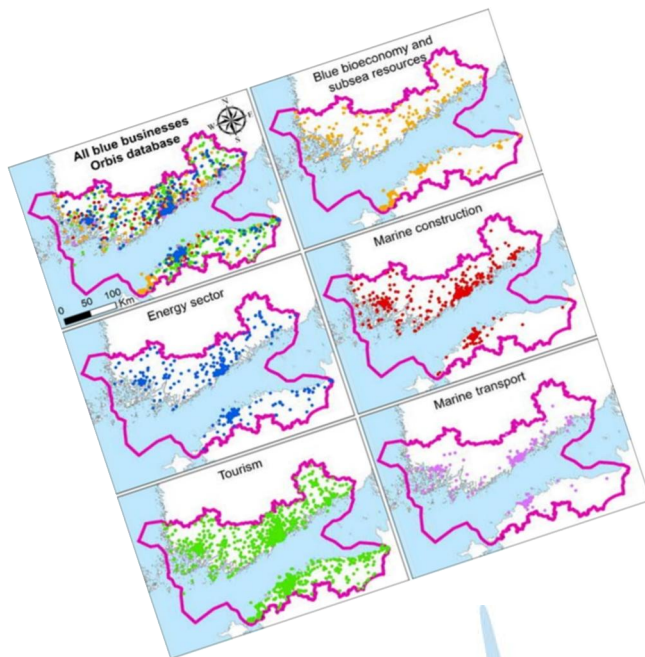
- Maritime industries
- Bio economy
- Tourism
- Energy



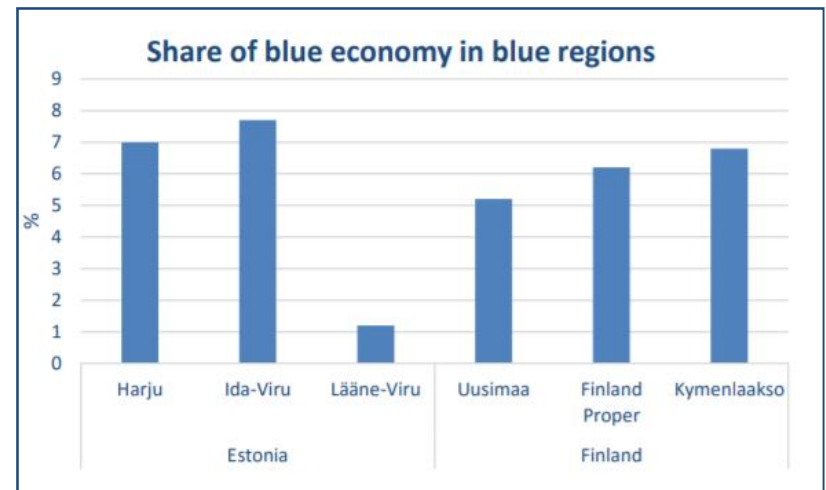
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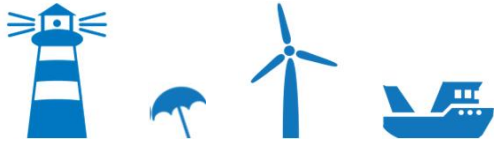
## Blue Economy potential and trends



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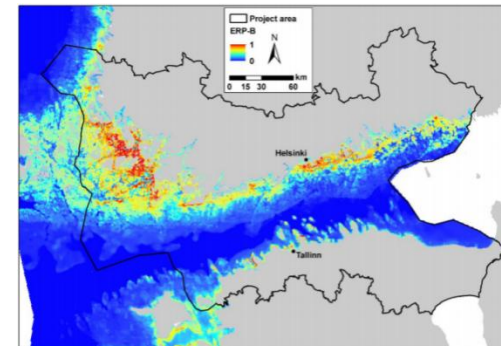
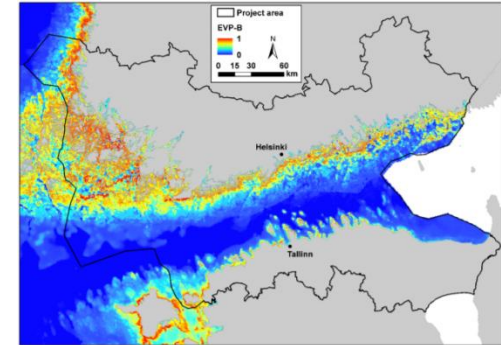
## WP 2 Environmental management

Robert Aps, University of Tartu

What environmental risks stem from the scenarios?  
What are the risk management options?



## Environmental vulnerabilities and risks





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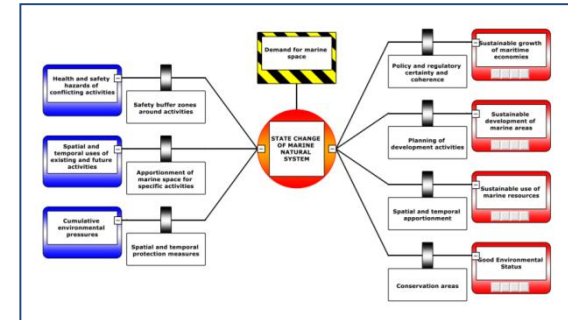
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## Environmental risk management strategies



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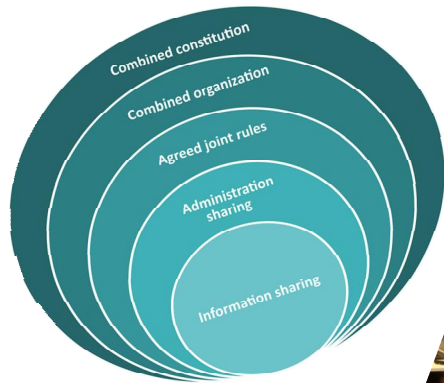
## WP4 MSP alternatives

Riku Varjopuro, SYKE

How can MSP support sustainable blue economies?  
What cross-border collaboration forms are needed?



# Cross-border collaboration



## WP4 MSP alternatives

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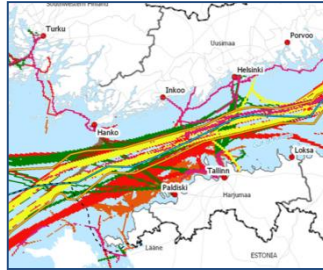
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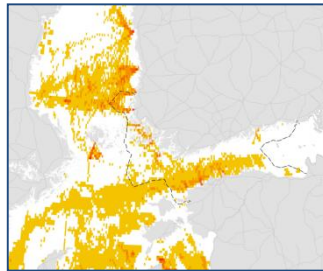


## Cross-border cases

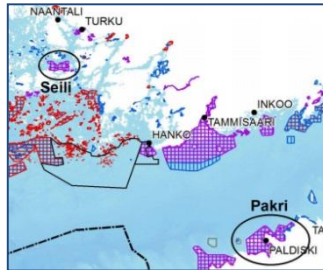
Shipping



Pelagic fishing



Natura 2000



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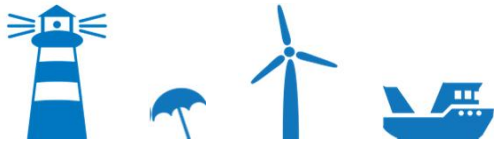
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## WP3 Spatial analysis and map production

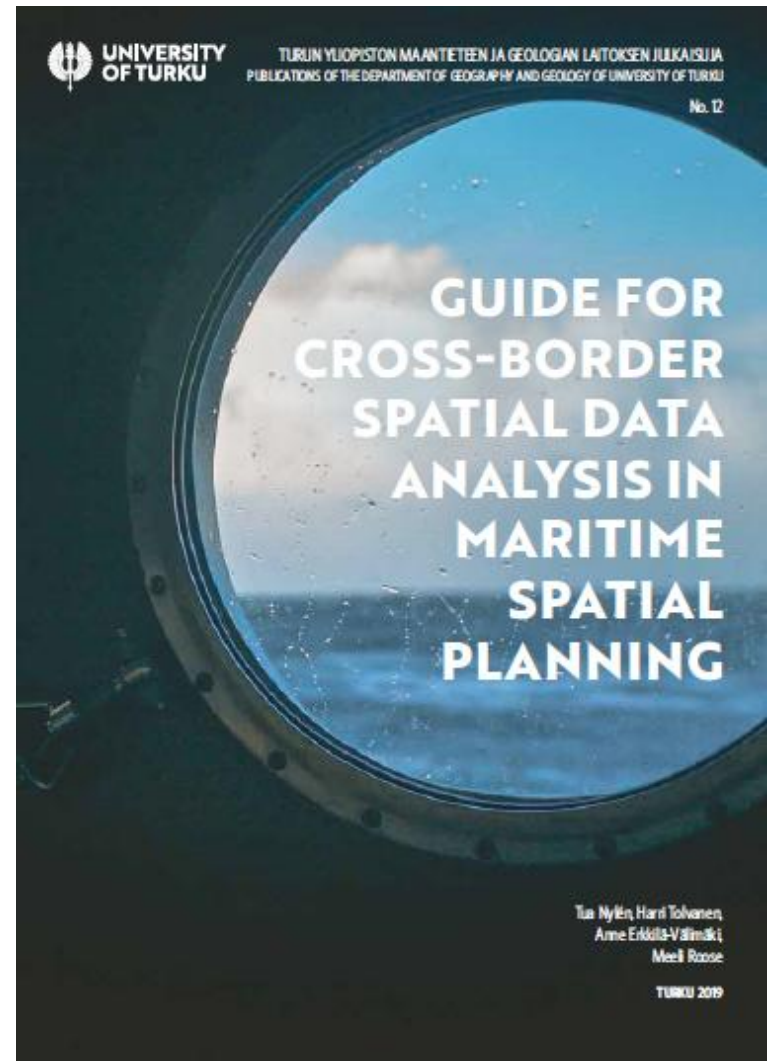
Harri Tolvanen, University of Turku





# A new book on spatial data analysis

- **Aim:** Improve the efficiency and transparency of spatial analysis in MSP processes
- **Based on:** Plan4Blue experiences, scientific literature and reports
- Practical step-by-step **approach**
- **Targeted at** actors in national and cross-border MSP
- **Download & share open access book:** [syke.fi/projects/plan4blue](https://syke.fi/projects/plan4blue)



# Thank you!

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[#plan4blue](https://twitter.com/plan4blue)



European Union  
European Regional  
Development Fund



KESKONNAINVESTEERINGUTE  
KESKUS



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