Experiences from supporting planning in the Baltic Sea region

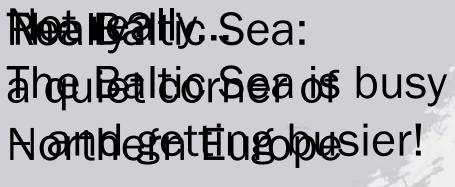


Manuel Frias Vega & Andžej Miloš HELCOM



Lena Hallin-Pihlatie & Iida Autio SYKE





Oil rigs Wind farms

Marine Protected Areas

Shipping accidents

Illegal oil spills

Fisheries

Shipping density

and much, much more...



Could we organize how we use the sea in a

smart way?

aritime Mpaffal lanning

What does the planners need?



The solution to the need of data?

MSP data needs per INSPIRE theme:

Annex I = 18

Annex III = 19

Not covered by annexes = 11

WMS providing data overview

WFS providing data download

Metadata for discovery

All of this should be available for the INSPIRE data sets - 'as is' and with time harmonised

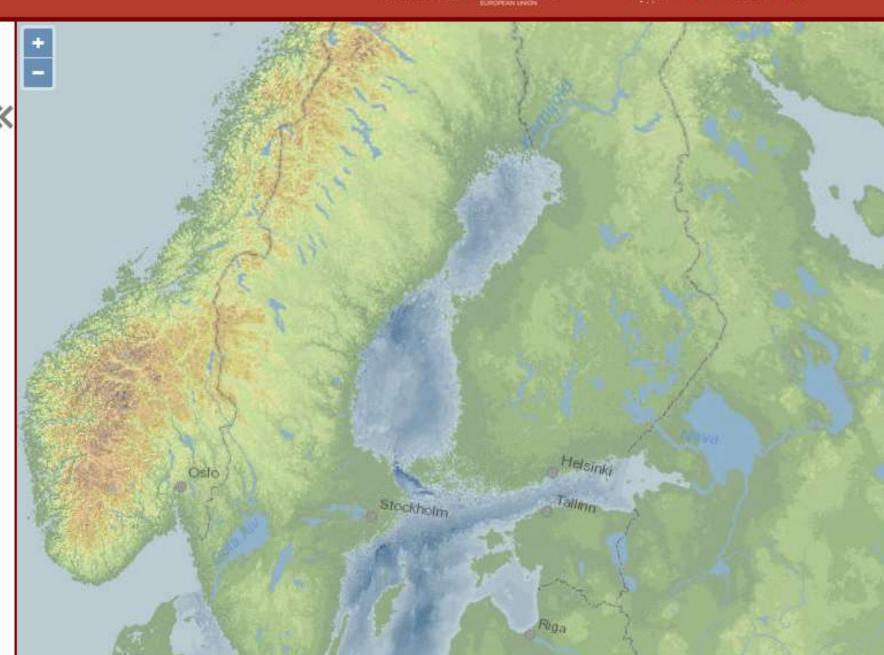




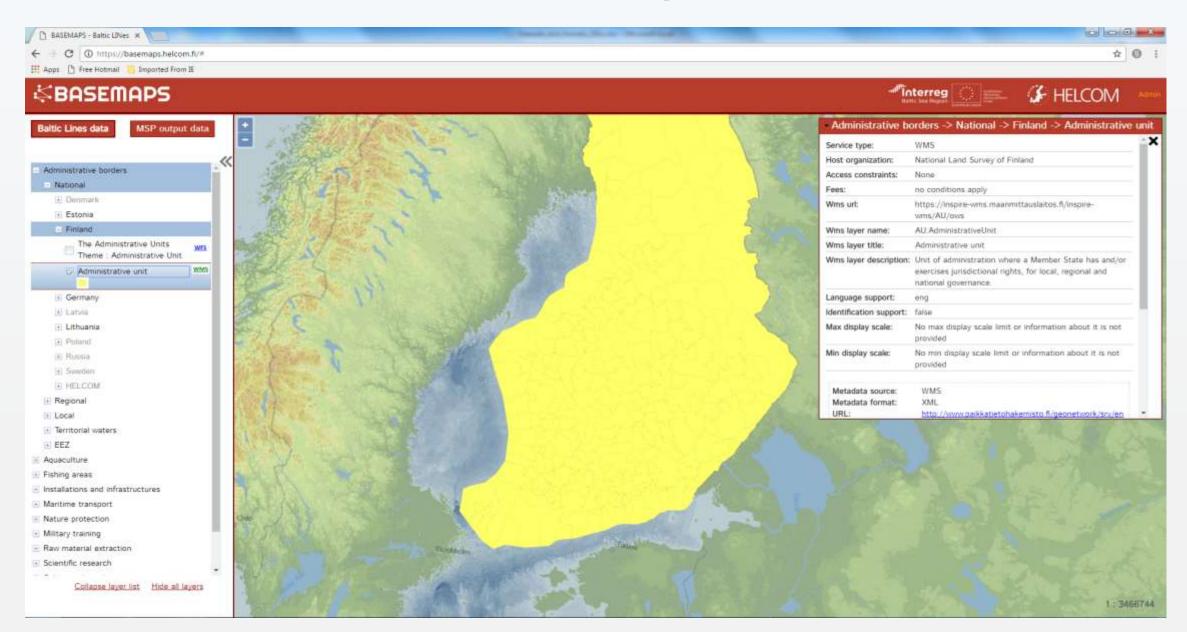


- Administrative borders
- Aquaculture
- Fishing areas
- Installations and infrastructures
- Maritime transport
- Nature protection
- Military training
- Raw material extraction
- Scientific research
- Cables and pipelines
- Tourism and recreation
- Underwater cultural heritage

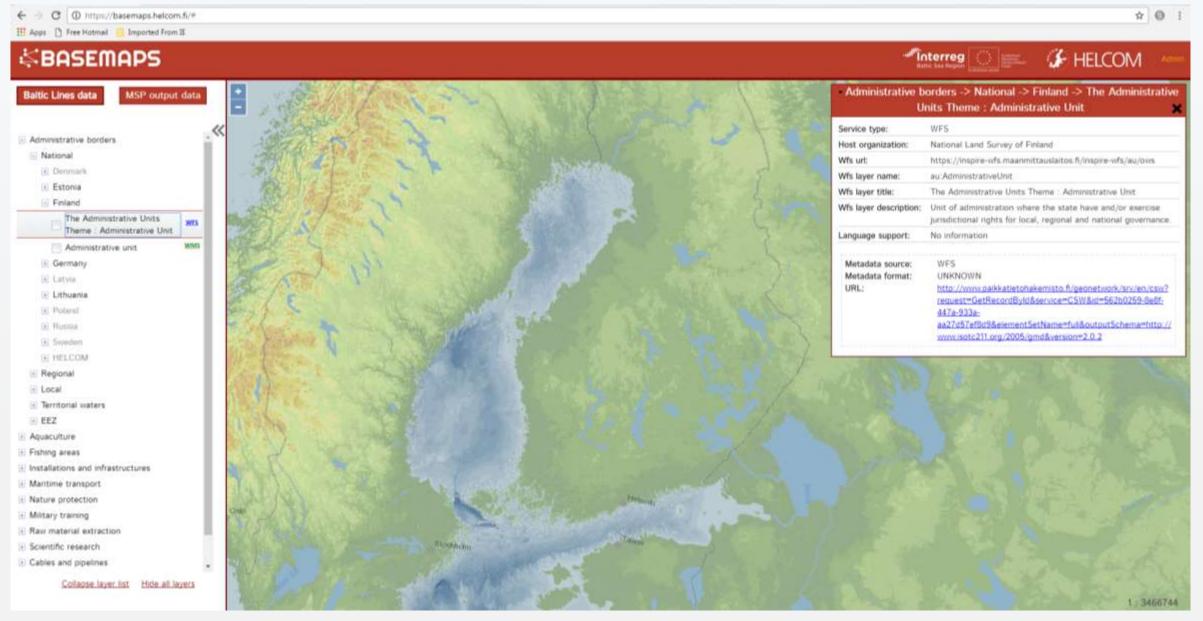
Collapse layer list Hide all layers



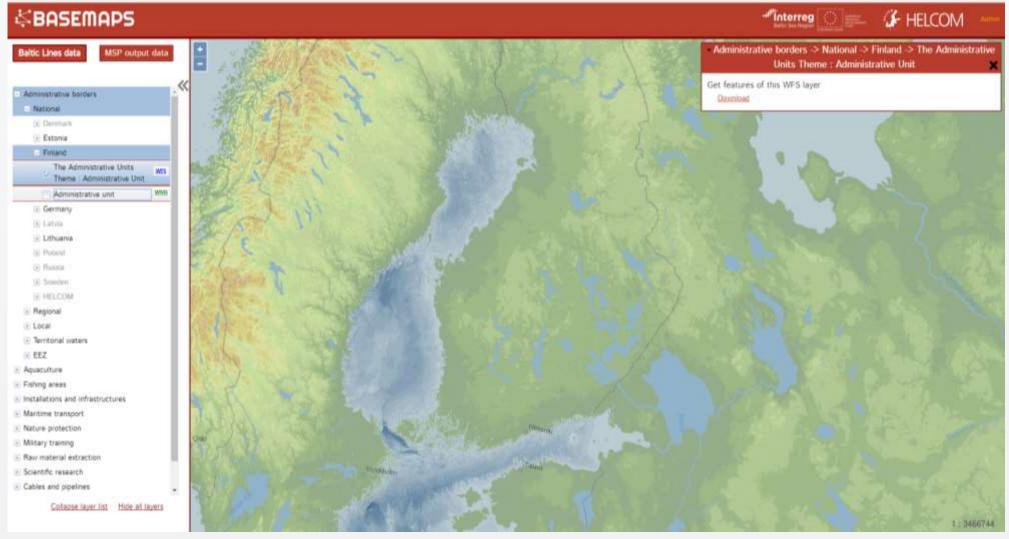
Example of WMS integration



Example of WFS integration 1/2



Example of WFS integration 2/2



https://inspire-wfs.maanmittauslaitos.fi/inspire-wfs/au/ows?service=wfs&version=2.0.0&request=GetFeature&typeNames=au:AdministrativeUnit

Data available via WMS



Data available via WFS



What is useful?

Services containing links to metadata on the provided data

The information in the Get Capabilities

Portrayal rules

Working services that respond in the same way to a request

Data provided by services that can be discovered and which is free to use



Is INSPIRE data useful?

Which services provide INSPIRE data?

The data provided by the WMS are useful for getting an overview

Are planners willing to work with GML?

Can you get what you want from from the WFS?



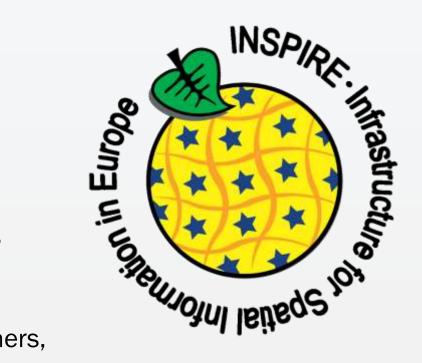
What would be more useful for MSP?

To easily be able find out in which data a certain code list value is being used -> integrate that as a separate layer

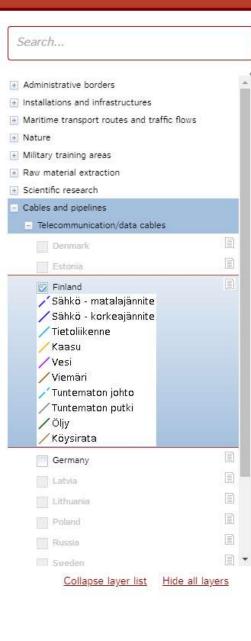
Less scale restrictions in providing data overview through WMS

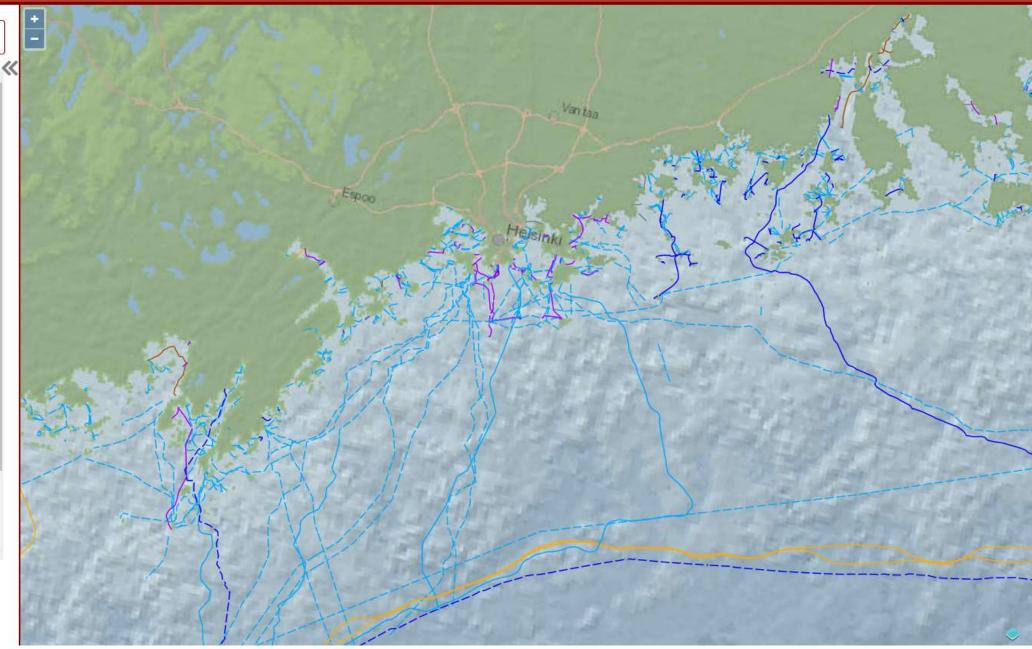
Provide distinctly different values as different layers in the WMS

Simple encoding with simple data content – the users are planners,



Baltic LINes





INSPIRE community:



https://basemaps.helcom.fi/#

manuel.friasvega@helcom.fi lena.hallin@environment.fi