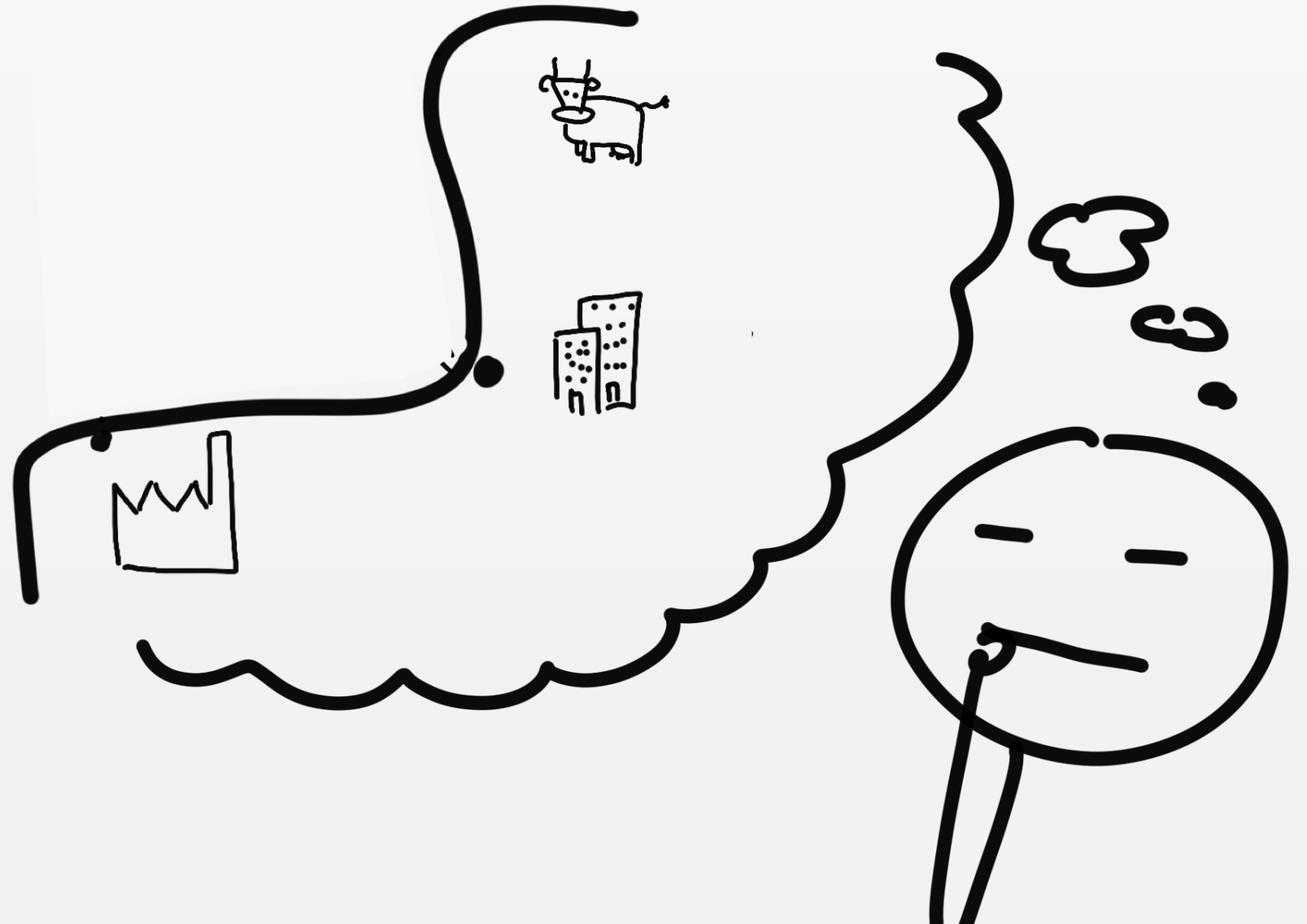


The future of MSP data?

Manuel Frias
Wannabe futurist
HELCOM Secretariat



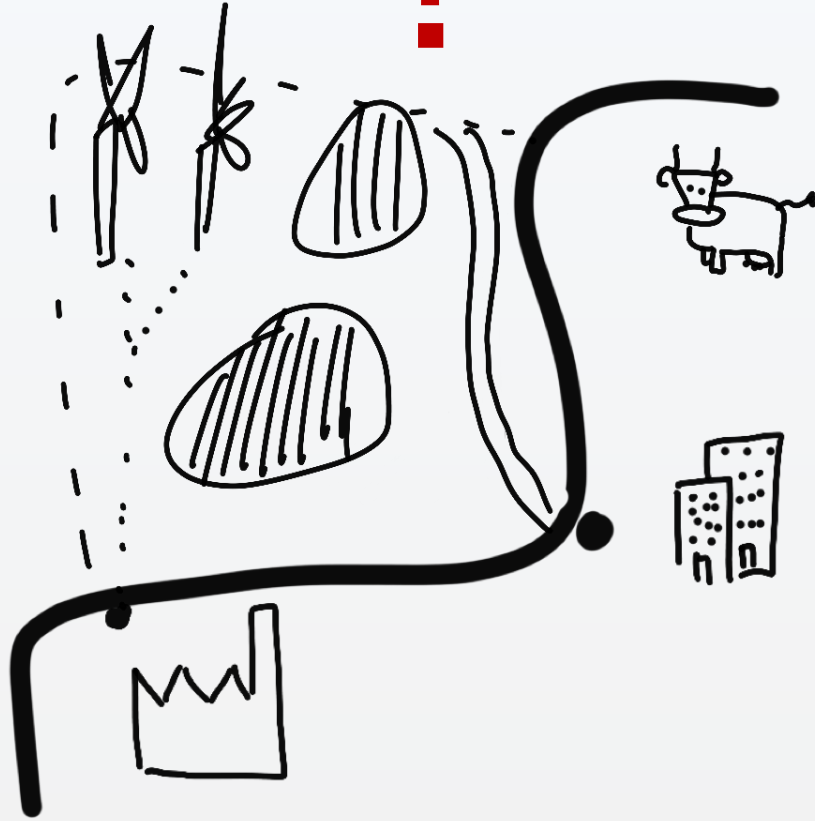
Kai is doing a MSP plan



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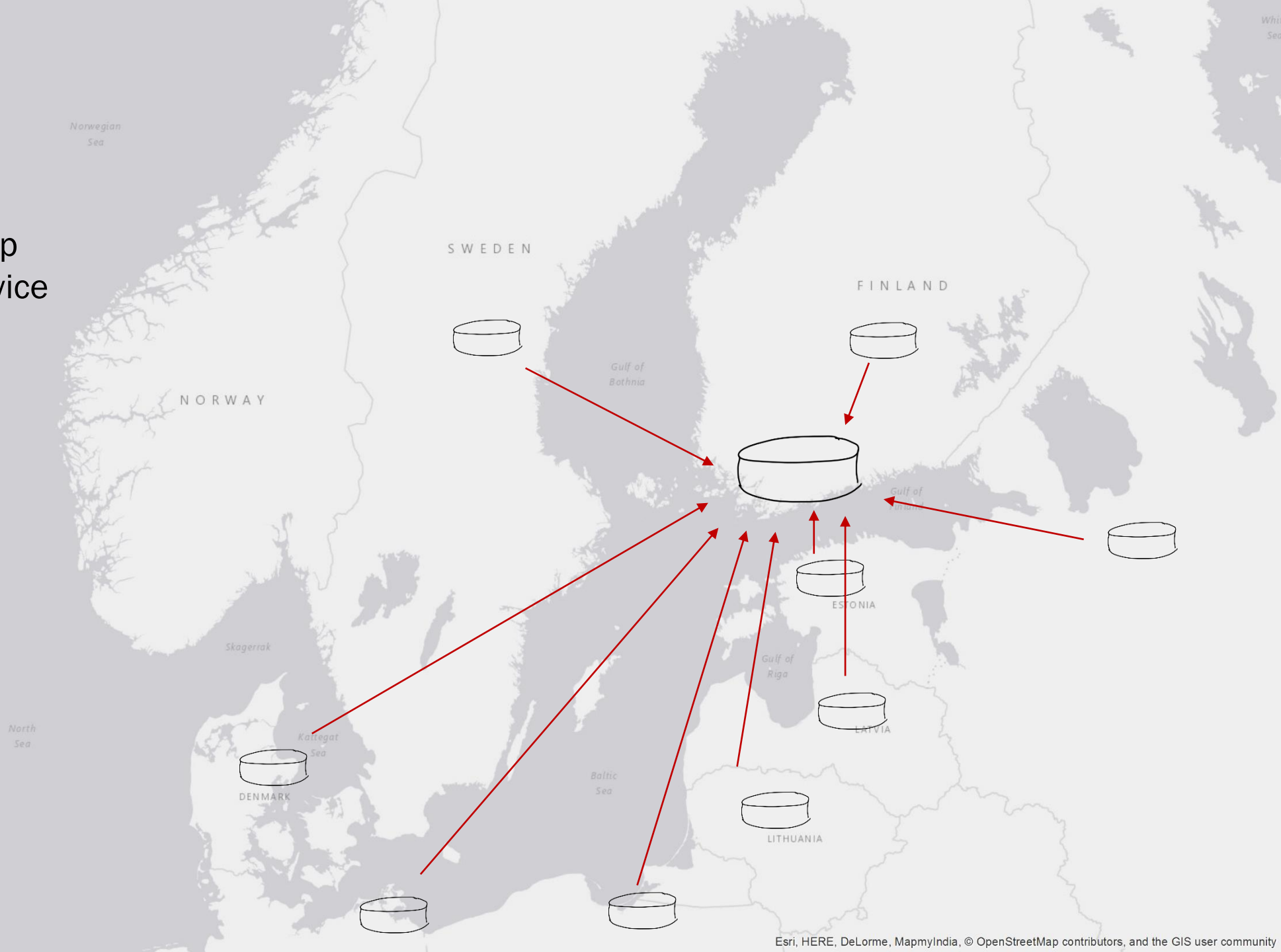
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Current map
and data service

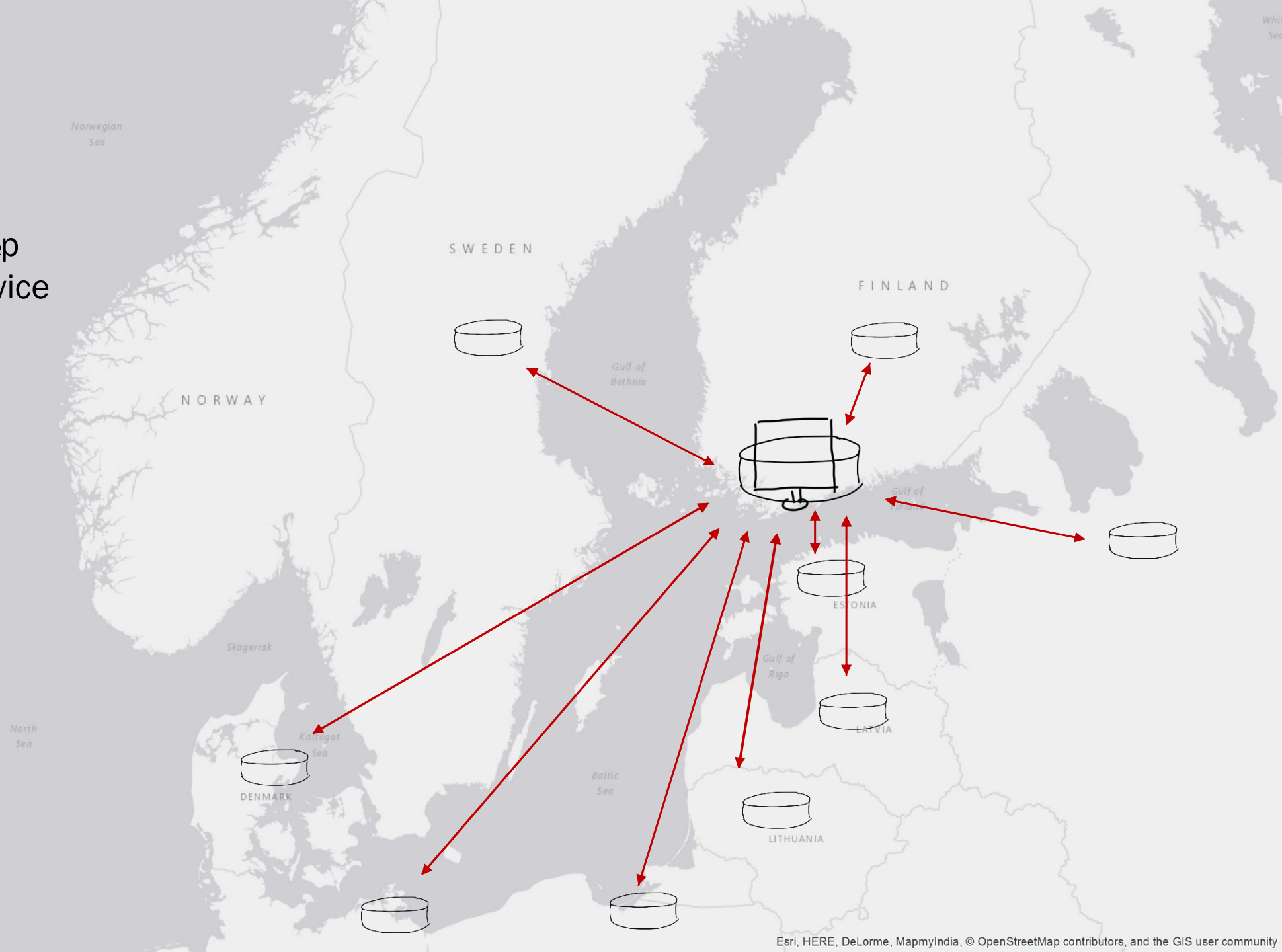


Baltic Marine Spatial Data Infrastructure





Current map
and data service



Challenges

Where is the data?



Data available
WMS

0%

Data available
WFS

0%

11

How to harmonize the data?









- ☒ Administrative borders
- ☒ Installations and infrastructures
- ☒ Maritime transport routes and traffic flows
 - ☒ IMO routes
 - ☒ Dredging
 - ☒ Ports
 - ☒ Fairways
- ☐ Denmark
- ☐ Estonia
- ☐ Finland
- ☐ Germany
- ☐ Latvia
- ☐ Lithuania
- ☐ Poland
- ☐ Russia
- ☐ Sweden
- ☐ HELCOM
- ☒ Shipping density maps
- ☒ Nature
- ☒ Military training areas
- ☒ Raw material extraction
- ☒ Scientific research
- ☒ Cables and pipelines
- ☒ Tourism and recreation
- ☒ Cultural heritage



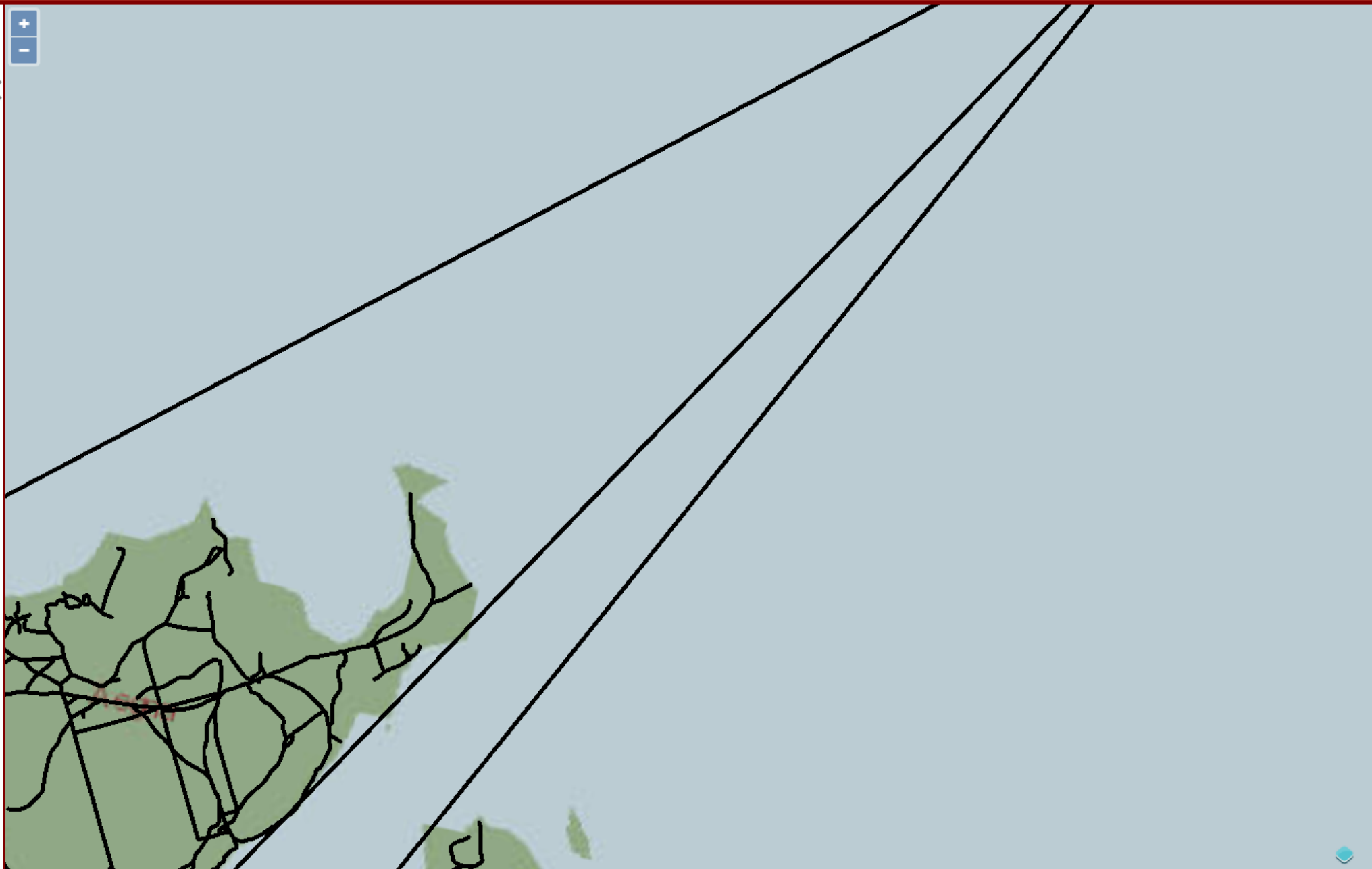
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- ☐ Administrative borders
- ☐ Installations and infrastructures
- ☒ Maritime transport routes and traffic flows
 - ☐ IMO routes
 - ☐ Dredging
 - ☐ Ports
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- ☐ Tourism and recreation
- ☐ Cultural heritage

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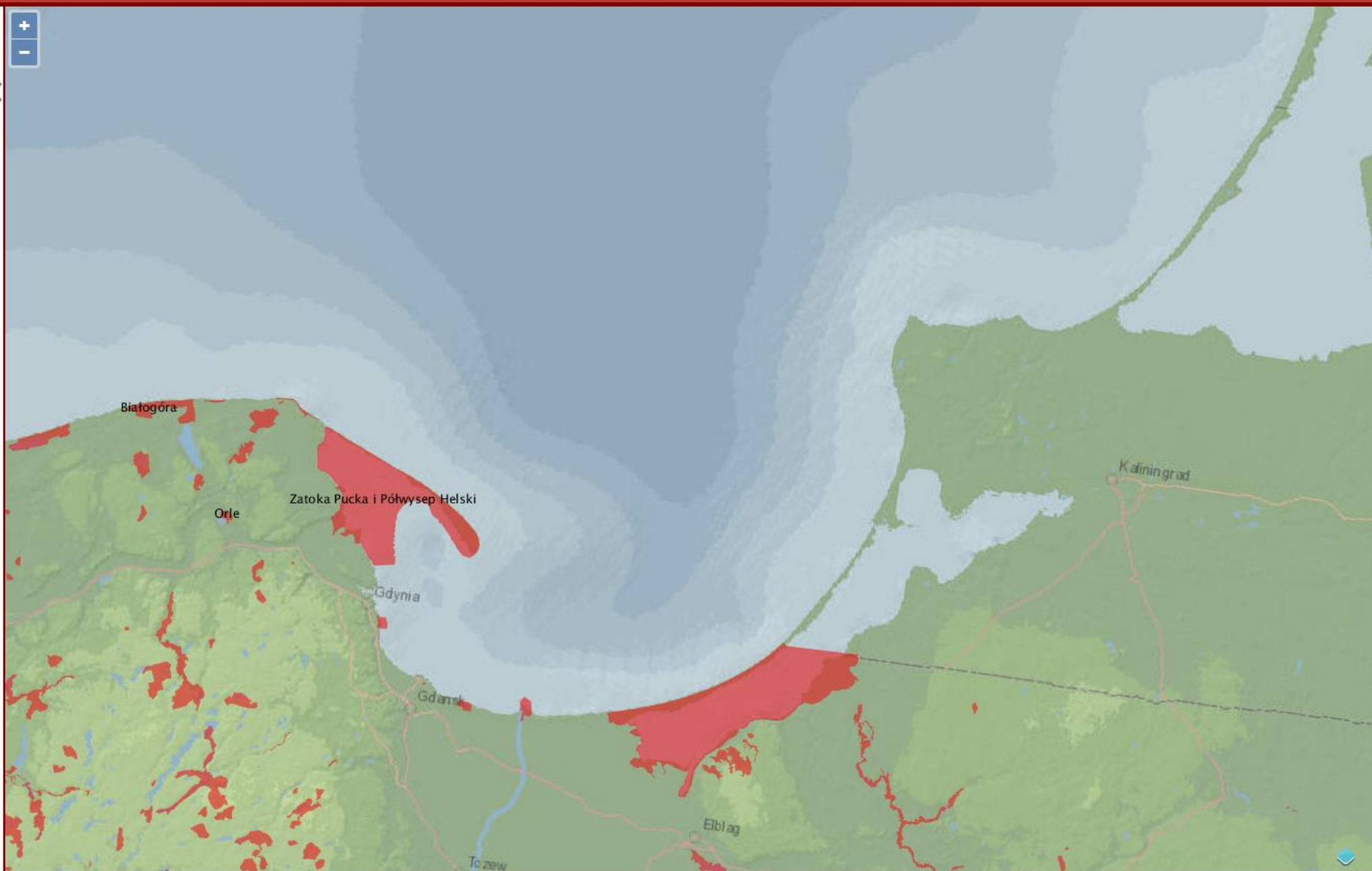
- [Collapse layer list](#) [Hide all layers](#)



- ☐ Administrative borders
- ☐ Installations and infrastructures
- ☐ Maritime transport routes and traffic flows

Nature☒ Natura2000☐ Denmark☐ Estonia☐ Finland☐ Germany☐ Latvia☐ Lithuania☒ Poland☒ Czerwony poligon z obramowaniem dla duże☒ Czerwony poligon dla małej skali☐ Russia☐ Sweden☐ HELCOM☒ Marine National Parks

- ☐ Military training areas
- ☐ Raw material extraction
- ☐ Scientific research
- ☐ Cables and pipelines
- ☐ Tourism and recreation
- ☐ Cultural heritage

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- ☐ Administrative borders
- ☐ Installations and infrastructures
- ☐ Maritime transport routes and traffic flows
- ☐ Nature
- ☐ Military training areas
- ☐ Raw material extraction
- ☐ Scientific research

- ☒ Cables and pipelines
 - ☒ Telecommunication/data cables

☐ Denmark☐ Estonia☒ Finland☒ Sähkö - matalajännite☒ Sähkö - korkeajännite☒ Tietoliikenne☒ Kaasu☒ Vesi☒ Viemäri☒ Tuntematon johto☒ Tuntematon putki☒ Öljy☒ Köysirata☐ Germany☐ Latvia☐ Lithuania☐ Poland☐ Russia☐ Sweden[Collapse layer list](#)[Hide all layers](#)