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# Maritime spatial planning

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# Importance of Hydrography



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Das BSH in Rostock und weltweit



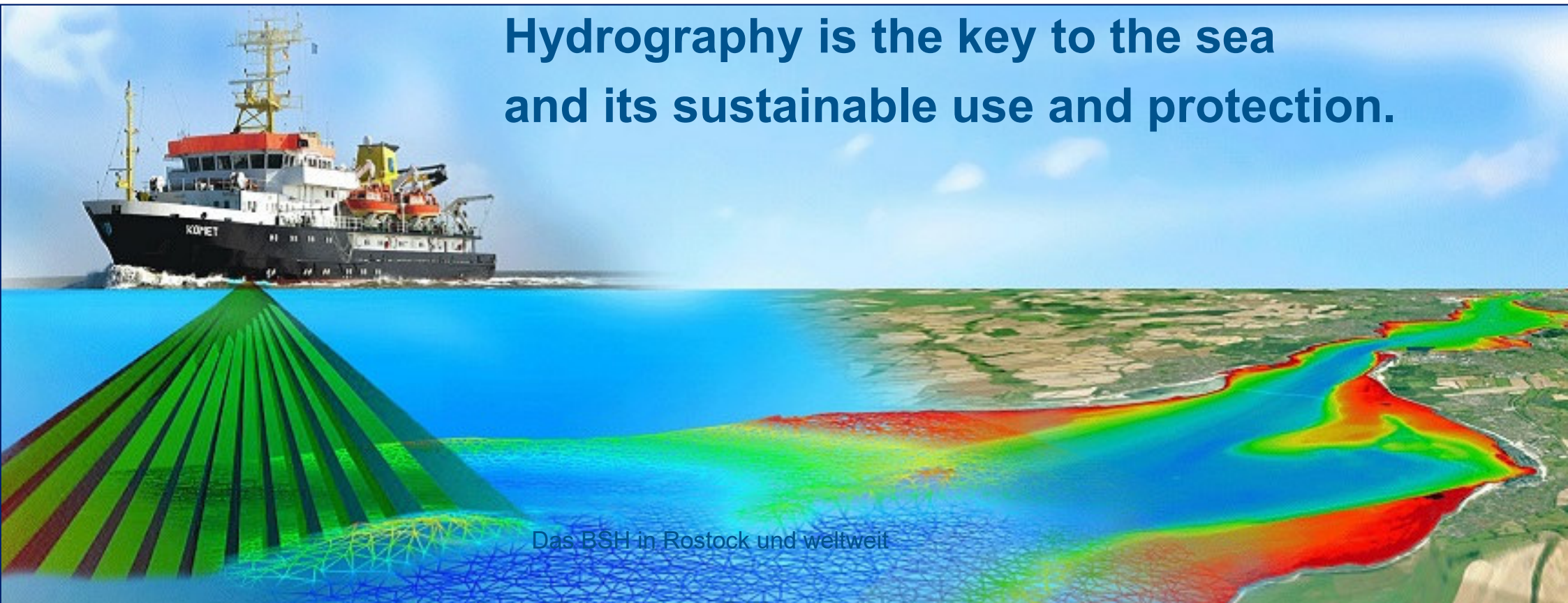
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## Importance of Hydrography

Almost all applications for the use or the protection of the Sea and other waters need hydrographic information.

Hydrography makes the Sea accessible and provides at the same time the basis to control the access.

**Hydrography is the key to the sea and its sustainable use and protection.**



Das BSH in Rostock und weltweit

# Example maritime spatial planning

## Goals of maritime spatial planning

- „Organize, secure and develop“
- Long-time, small-scale arrangement
- Prevention/ solving of conflicts
  - Compliance of safety standards
  - Protection of marine environment
  - Implementation of political targets (e.g. renewable energies)

## How to reach these targets?

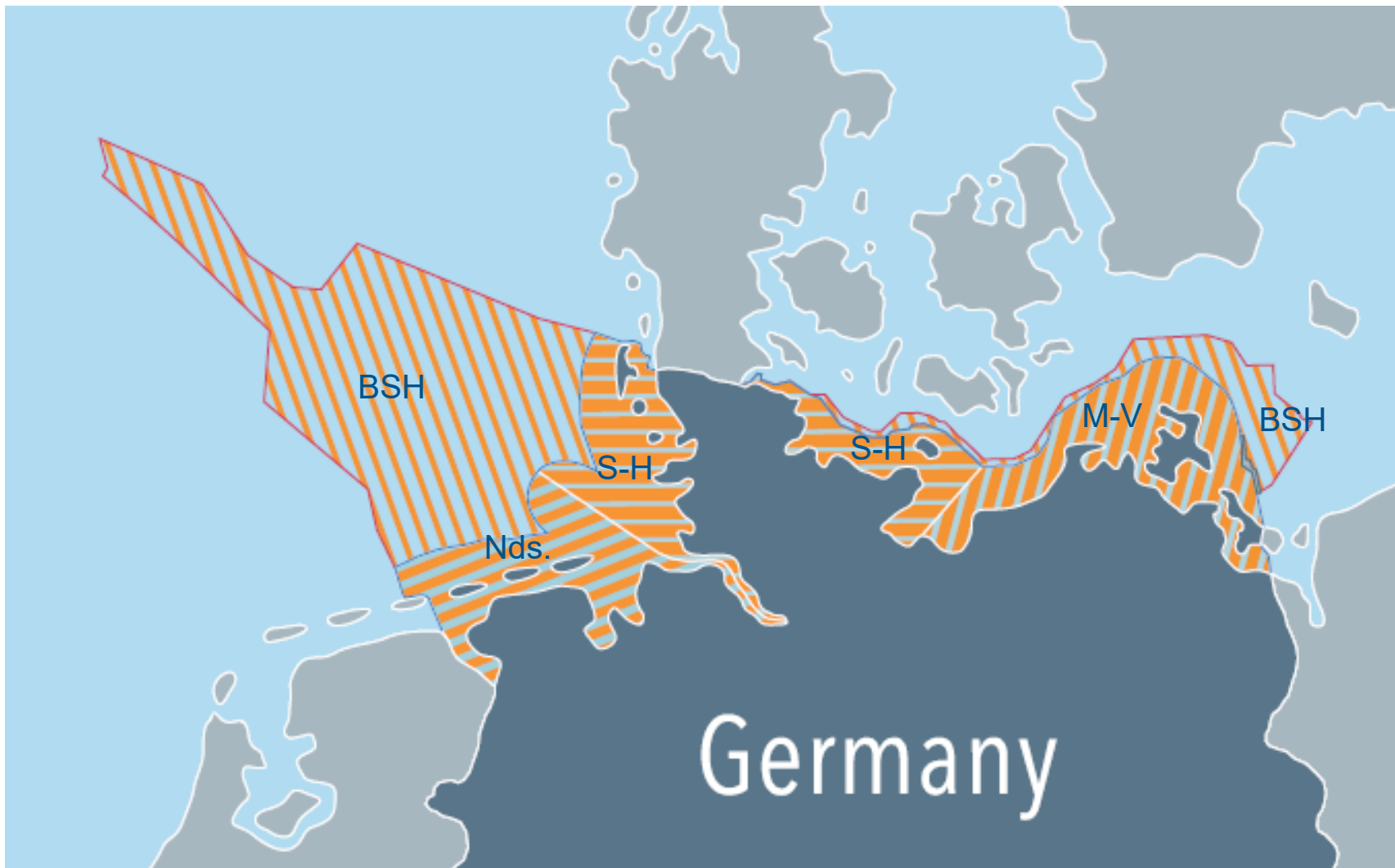
- ✓ Holistic approach
- ✓ Forward planning
- ✓ National and transnational coordination



# German Waters – Responsibilities for MSP



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## Exclusive economic zone

Federal Government in  
the North and Baltic Sea

## Territorial Sea

Land Niedersachsen  
Land Schleswig-Holstein  
Land Mecklenburg-  
Vorpommern

# Data and knowledge base for MSP - Examples

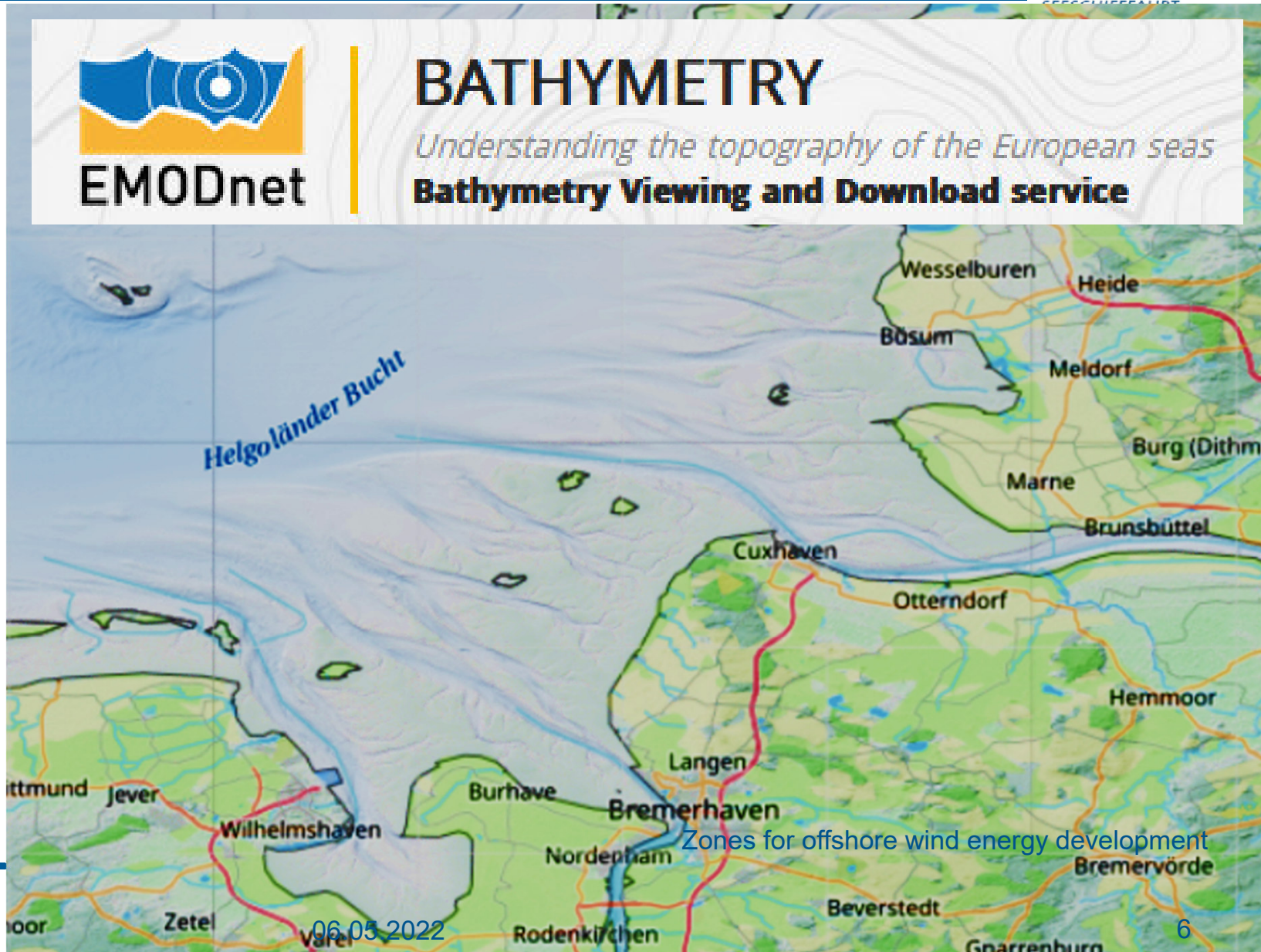
Hydrography  
*EMODNET*

Shipping  
*AIS*

Fisheries

Renewable  
Energies

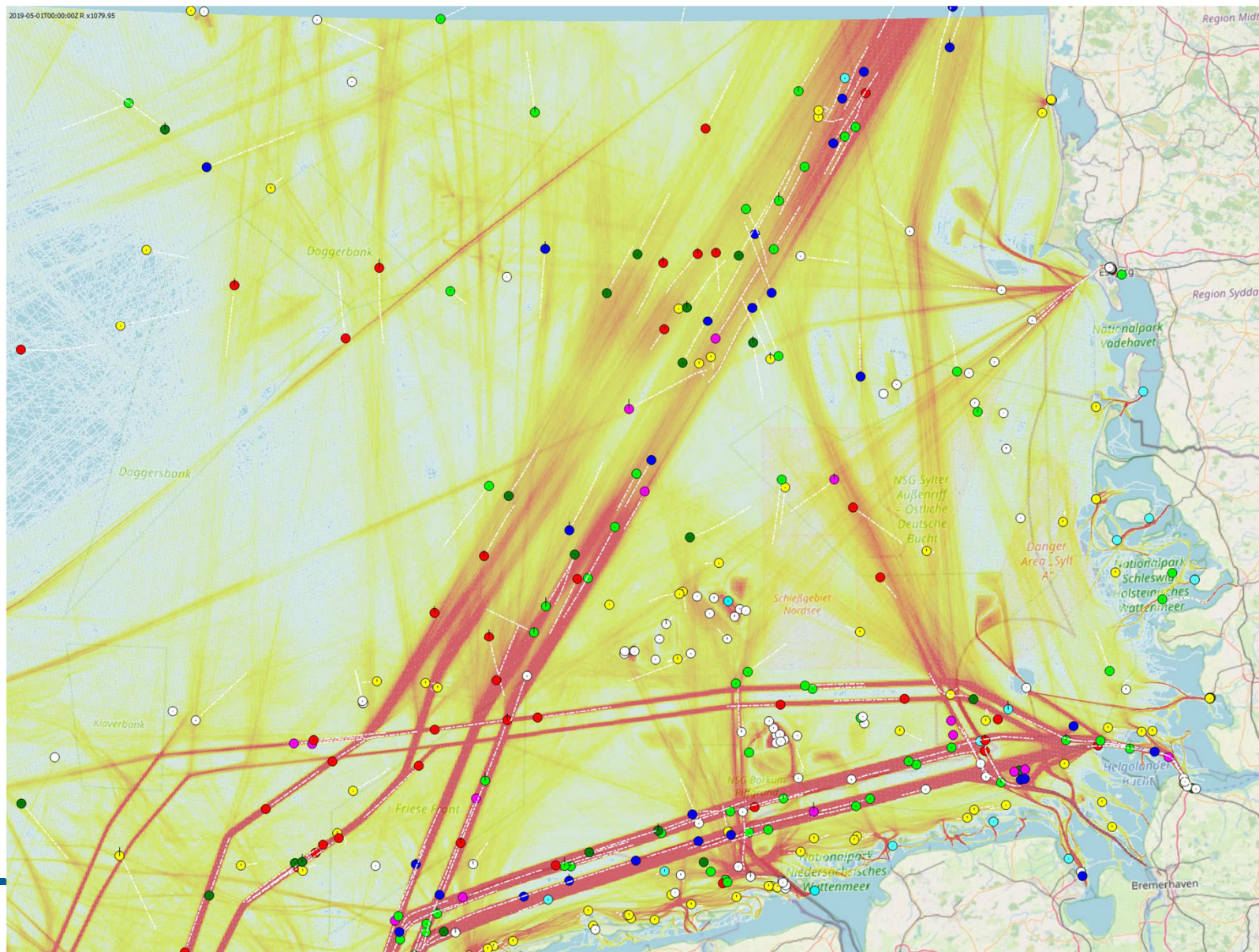
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# AIS data analysis



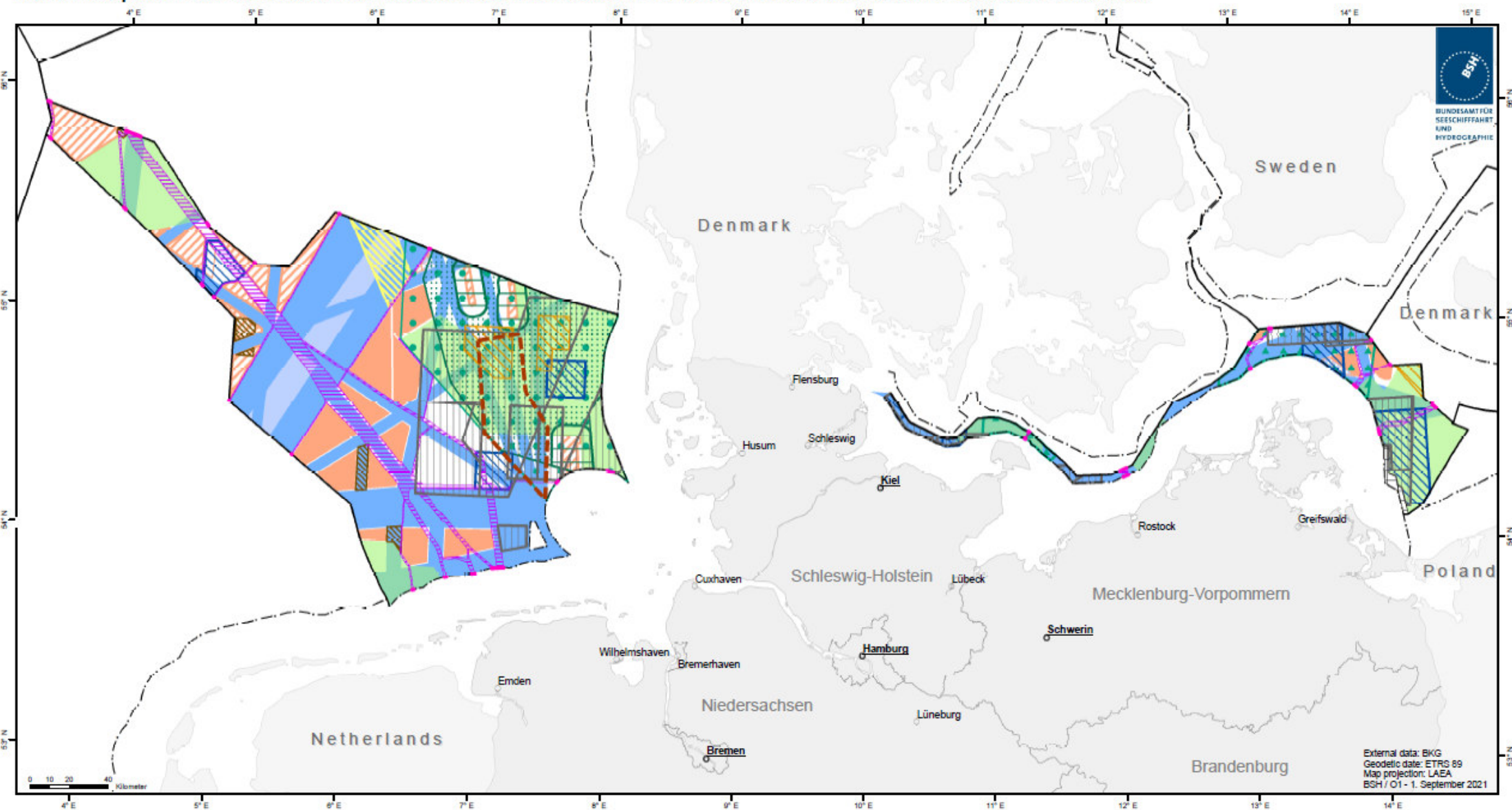
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## Type

- Crude oil tanker
- Oil products tanker
- Chemical tanker
- Gas tanker
- Container ship
- General cargo ship
- Bulk carrier
- Ro-Ro cargo ship
- Passenger ship
- Fast ferry
- Support ship
- Fishing ship
- Pleasure boat
- Other ship

# Maritime Spatial Plan for the German exclusive economic zone in the North Sea and the Baltic Sea 2021 - Overview



External data: BKG  
Geodetic date: ETRS 89  
Map projection: LAEA  
BSH / O1 - 1. September 2021

## Designations

### Shipping

- Priority area
- Temporary priority area
- Temporary reservation area

### Offshore wind energy

- Priority area
- Reservation area
- Conditional priority area
- Conditional reservation area

### Cables and pipelines

- Reservation area
- Connecting gate

### Raw material extraction

- Reservation area hydrocarbons
- Reservation area sand and gravel extraction

### Fishery

- Reservation area Norwegian lobster

### Scientific research

- Reservation area

### Defence

- Reservation area

### Protecting and enhancing the marine environment

- Priority area nature conservation
- Priority area divers
- Reservation area divers
- Reservation area harbour porpoises (May to August)
- Bird migration corridor
- Temporary exclusion of installations above water surface

## For information only

- Territorial Sea
- Exclusive Economic Zone
- Fehmarn Belt fixed link
- Northern Approach / Outer roads\*

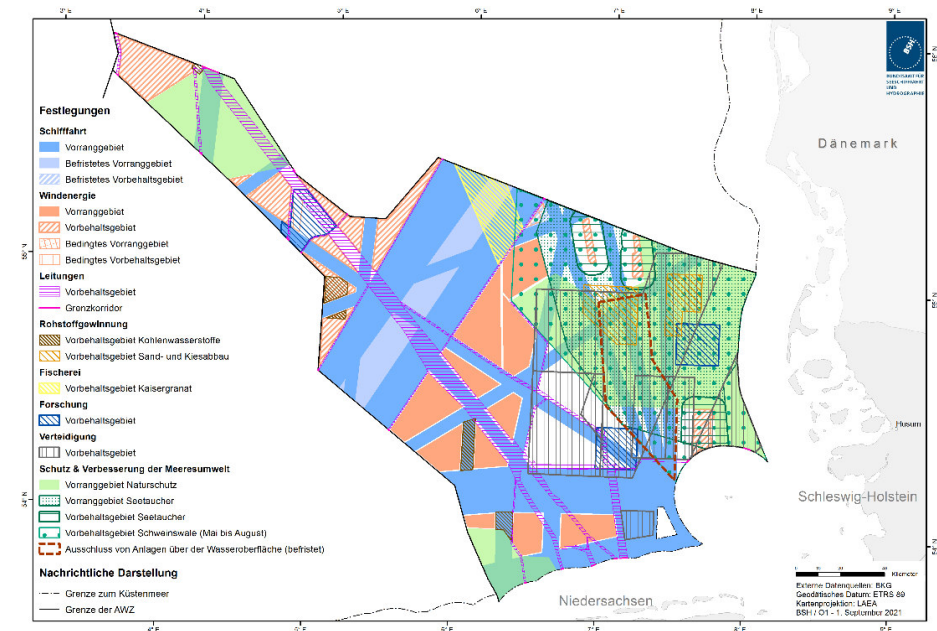
\* Outer roads of the of the seaports Swinoujście and Szczecin  
Dieser Bereich ist vom Planentwurf wegen widersprechender  
Rechtsauffassungen nicht erfasst. Nach deutscher Ansicht  
handelt es sich um einen Teil der deutschen ausschließlichen  
Wirtschaftszone, wobei hieraus im Verhältnis zu Polen keine  
Rechte und Pflichten geltend gemacht werden. Nach polnischer  
Ansicht ist dieser Bereich Teil des polnischen Küstenmeeres.



# Core Aims of MSP 2021

## Vision: Using and preserving the sea in all its diversity

- Minimizing conflicts by coordinating human activities and marine conservation
- Contributing to sustainable development with future oriented planning and the principle of spatial efficiency
- Strategic environmental assessment: No significant impacts of the plan's provisions on the marine environment

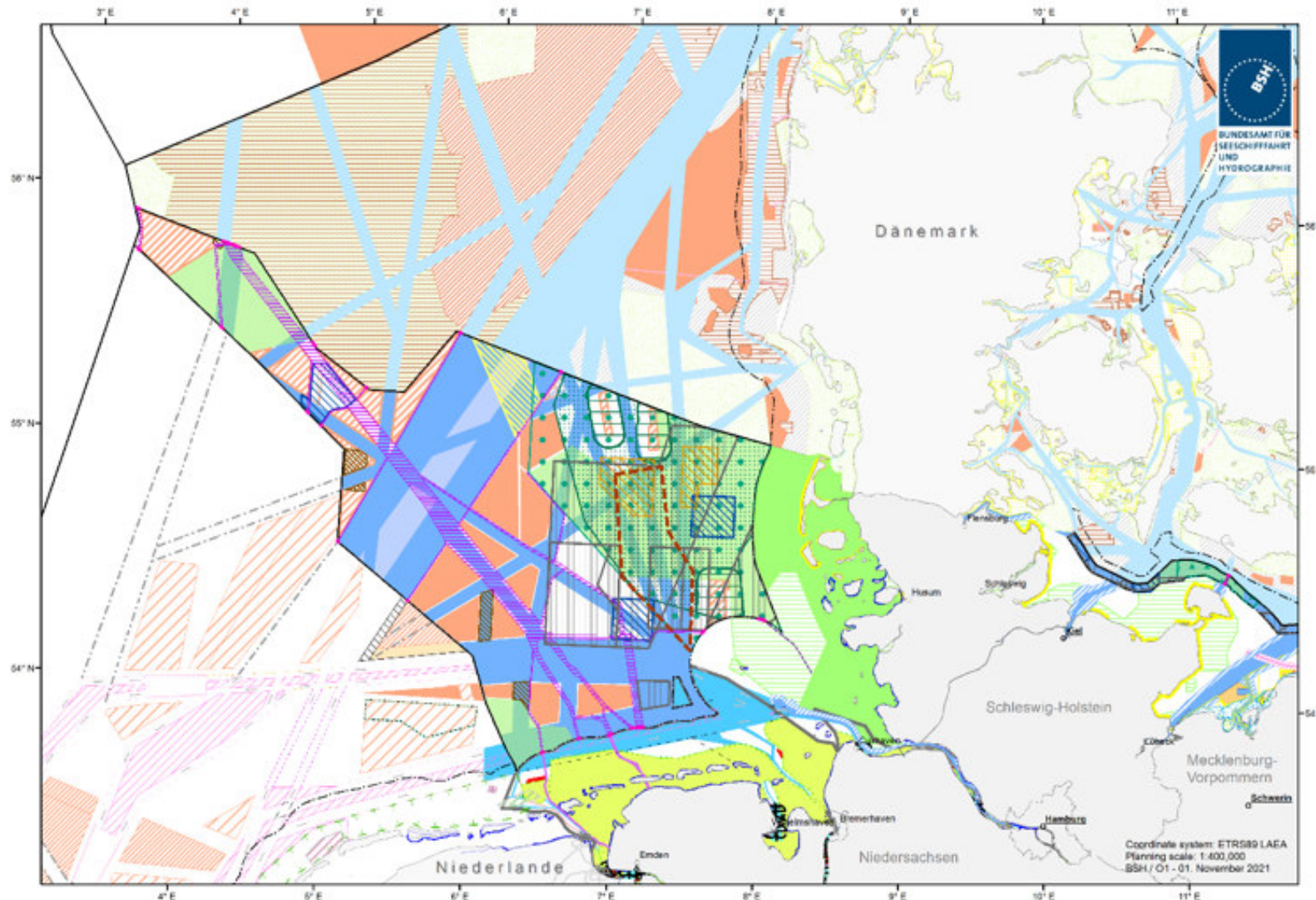


MSP 2021 – North Sea Map

# MSP 2021 North Sea: Coordination with neighbouring countries



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Coherence

General  
alignment

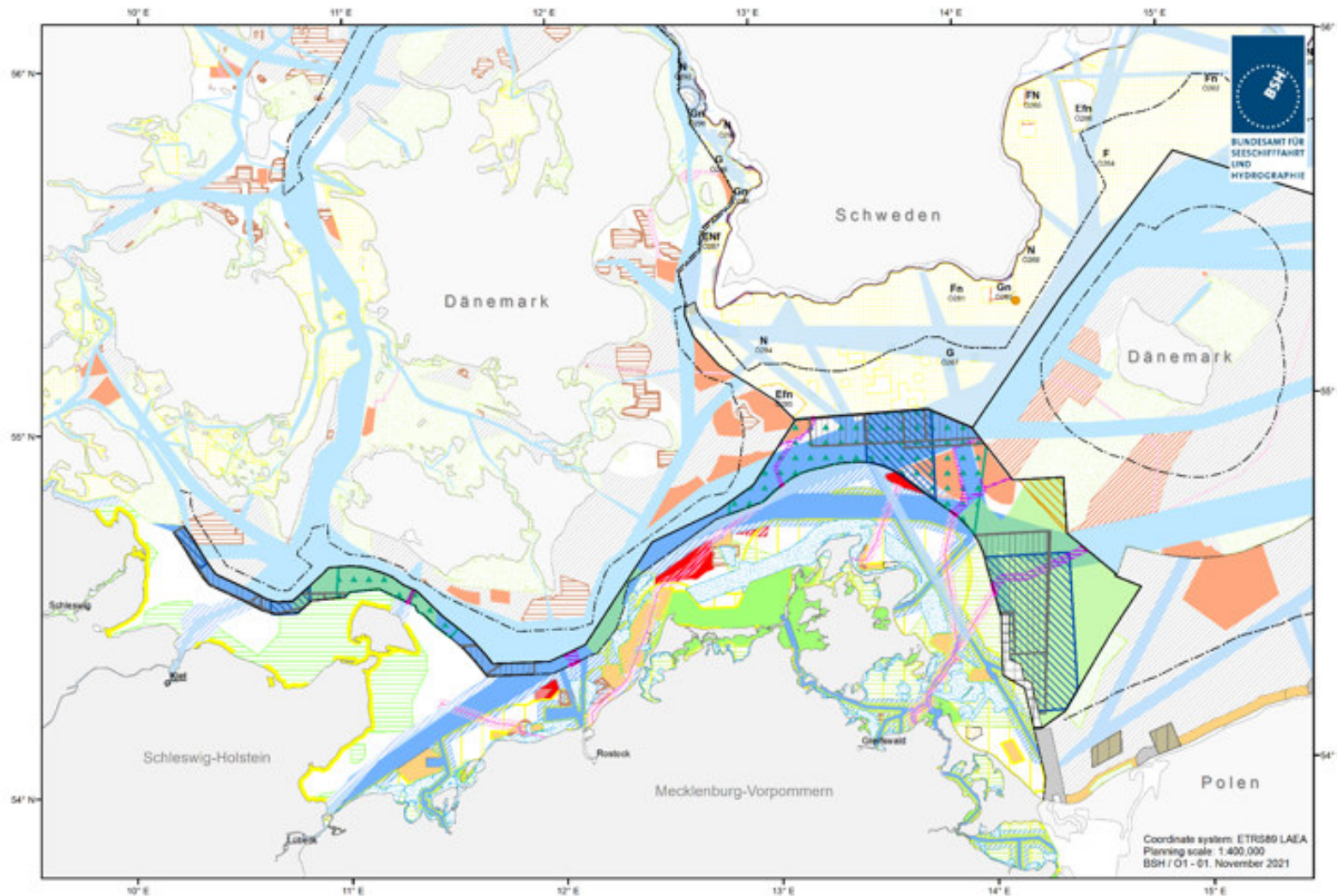
Many EU  
Projects, i.e.

*NorthSEE*

# MSP 2021 Baltic Sea: Coordination with neighbouring countries



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Thank you for your attention!



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