

The Assistance Mechanism for Implementation of MSP in EU

The North Sea and Maritime Spatial Planning

- The North Sea experiences in MSP implementation and transboundary contexts

Patrycja Enet

North Sea Focal Point, MSP Assistance Mechanism

The assistance mechanism for the implementation of Maritime Spatial Planning (MSP) Directive in the European Union funded by the European Commission Directorate-General for Maritime Affairs and Fisheries (DG MARE) and the European Climate, Infrastructure and Environment Executive Agency (CINEA)

msp-platform.eu

The Assistance Mechanism for Implementation of MSP in EU

- **EU-wide MSP Assistance Mechanism** provides support to EU Member States and DG MARE in the implementation of the EU MSP Directive
- **Funded by the European Commission DG for Maritime Affairs and Fisheries and the European Climate, Infrastructure and Environment Executive Agency (CINEA)**
- **A dedicated team of MSP experts + Provision of a Sub-regional Focal Point Service**
- **European MSP Platform: msp-platform.eu** – an interactive information gateway
- **Member States** Question & Answer service
- **Technical studies** – filling identified knowledge gaps
- Provision of targeted and bespoke **training and capacity building**
- Organisation of **MSP Expert Working Group Meetings**
- Support to the **Technical Expert Group on Data for MSP**

Team

Brussels Office

Sea basin focal points

- **North Sea:** Patrycja Enet
- **Baltic Sea:** Kristina Veidemane
- **Atlantic:** Frederick Herpers
- **West Med:** Yves Henocque, Marta Pascual
- **East Med:** Stella Kyvelou
- **Black Sea:** Nikolay Valchev, Nataşa Vaidianu

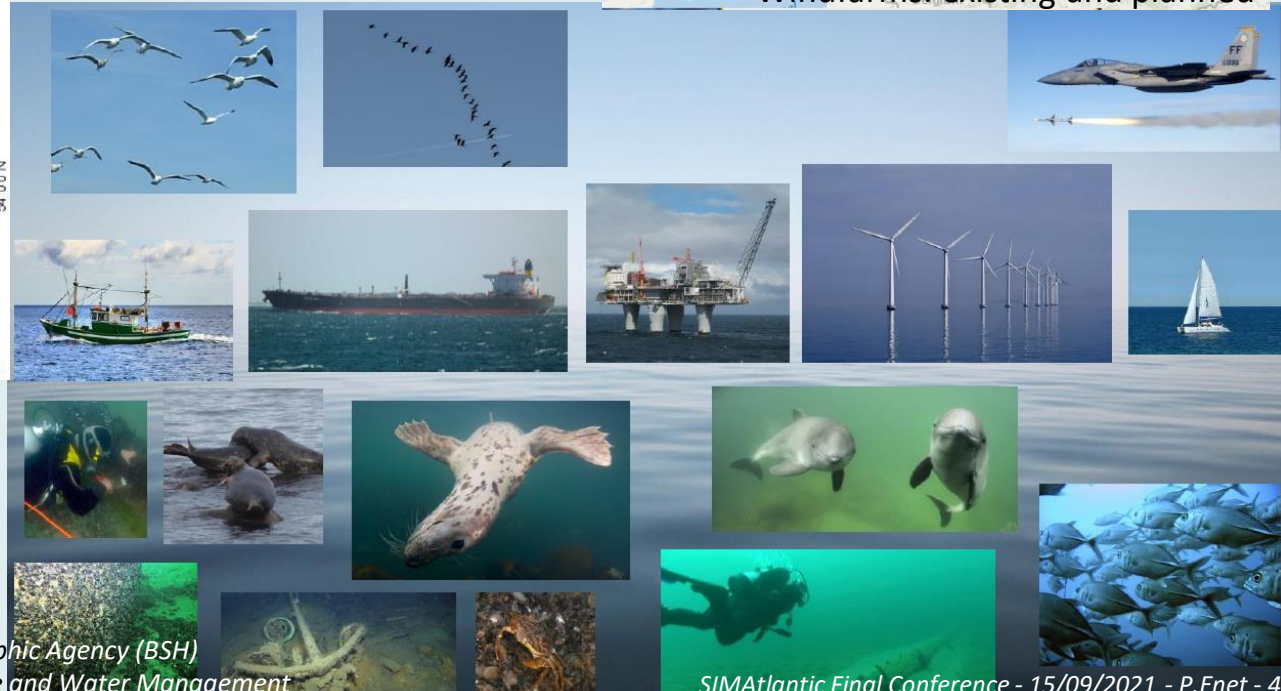
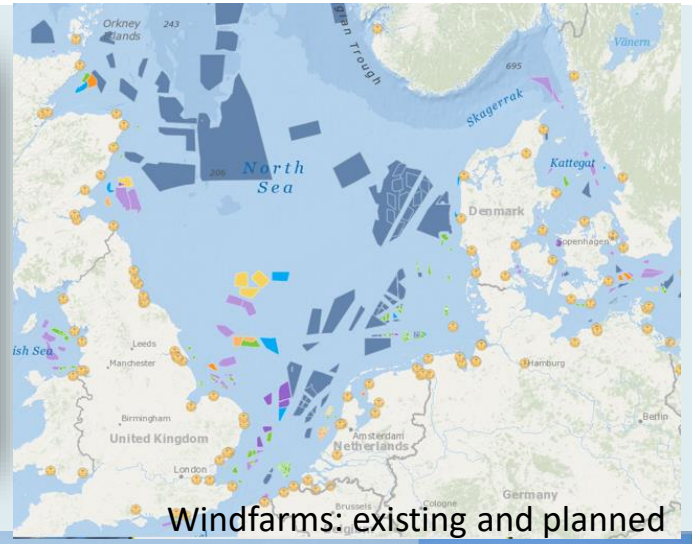
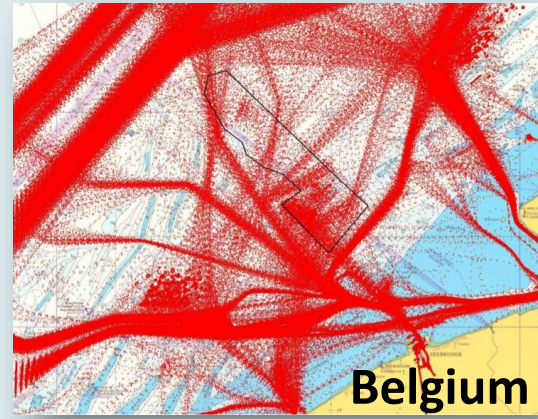


The North Sea characteristics



- One of the most intensively used seas
- The Blue Growth potential of the North Sea area represents approx. 30% of the EU total
- Region with numerous strong economies
- Cultural traditions related to sea and cooperation

The North Sea is crowded: intensity of use of marine areas

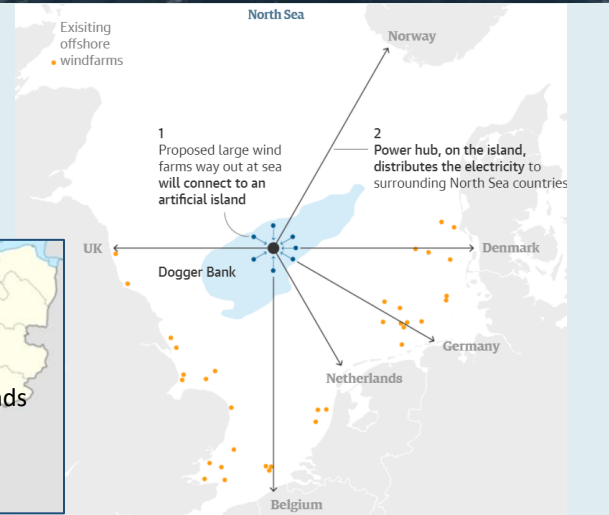


Source: Seminar Sharing National MSP Practices Worldwide: Germany (2021), Federal Maritime and Hydrographic Agency (BSH)
 Source: Seminar Sharing National MSP Practices Worldwide: The Netherlands (2021), Ministry of Infrastructure and Water Management

Technologies and innovative approaches: artificial islands, energy islands, multi-uses, hydrogen pipelines



Is this the future? Dutch plan vast windfarm island in North Sea



ENERGY TRANSITION

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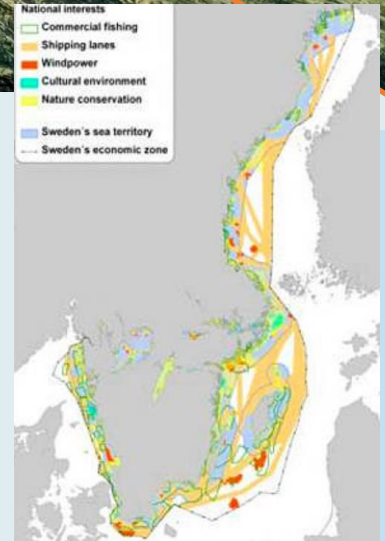
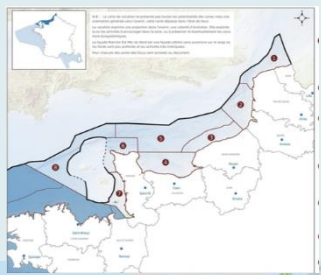
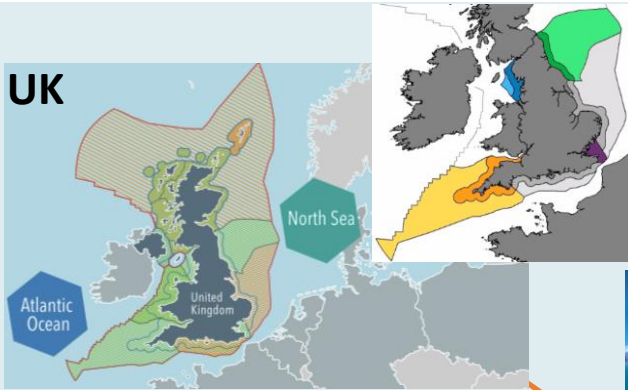


Shell and RWE advance plans for first hydrogen pipeline from North Sea offshore wind

Declaration of intent with gas operators aims to ship one million tonnes of H2 a year to Germany as part of AquaVentus mega-project



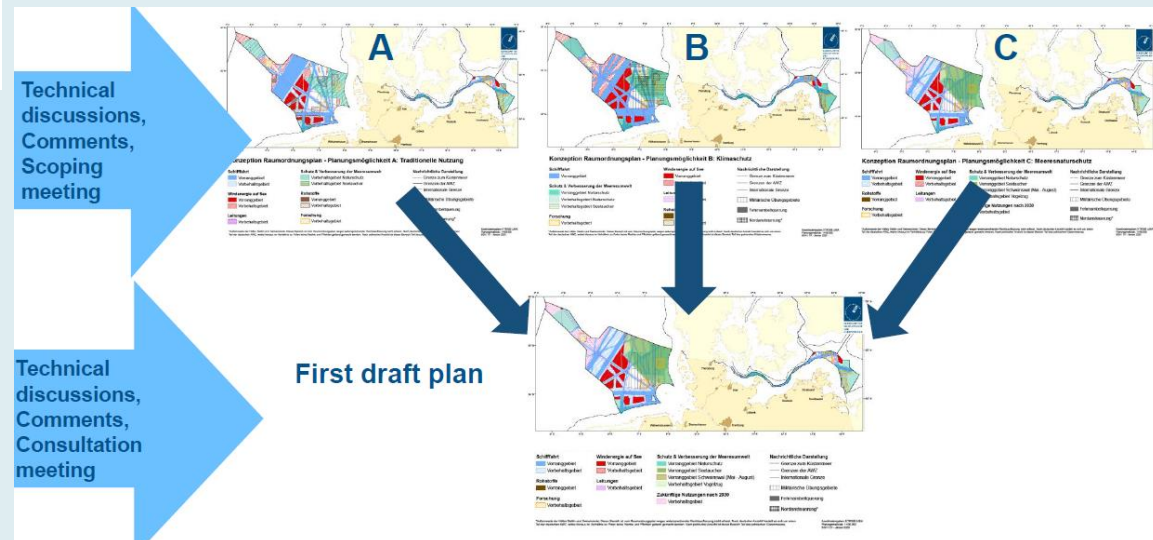
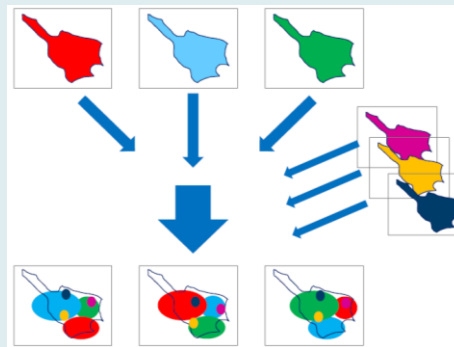
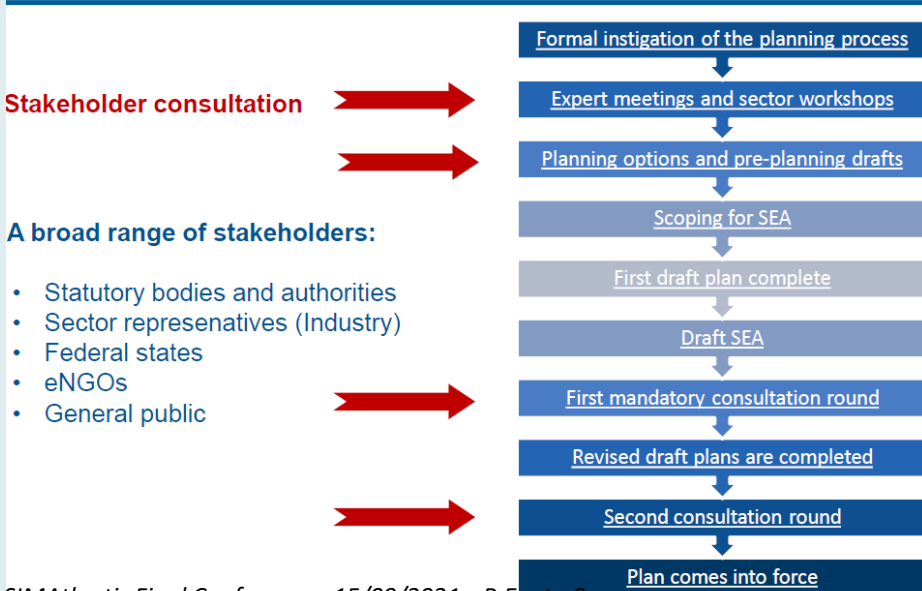
The North Sea: bordering countries



EU MSP Directive | The MSP process: example from Germany



Steps in the planning process



Transboundary MSP in the North Sea



- Transboundary context
- Transboundary issues
- Transboundary challenges
- Transboundary opportunities for collaboration

- **EU context**
- **International context**
- **Sectoral context**
- **Pressures-footprints context**

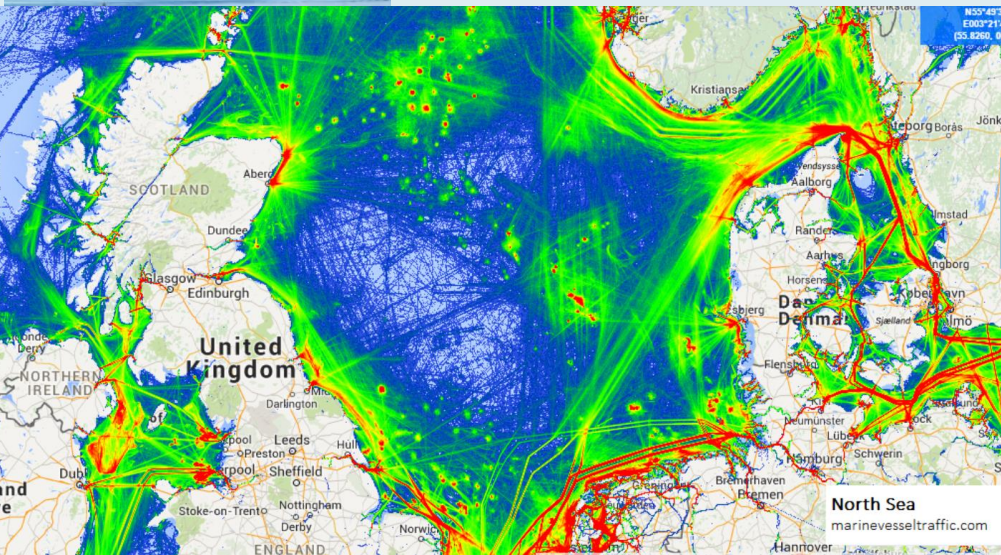


Transboundary collaboration in the North Sea

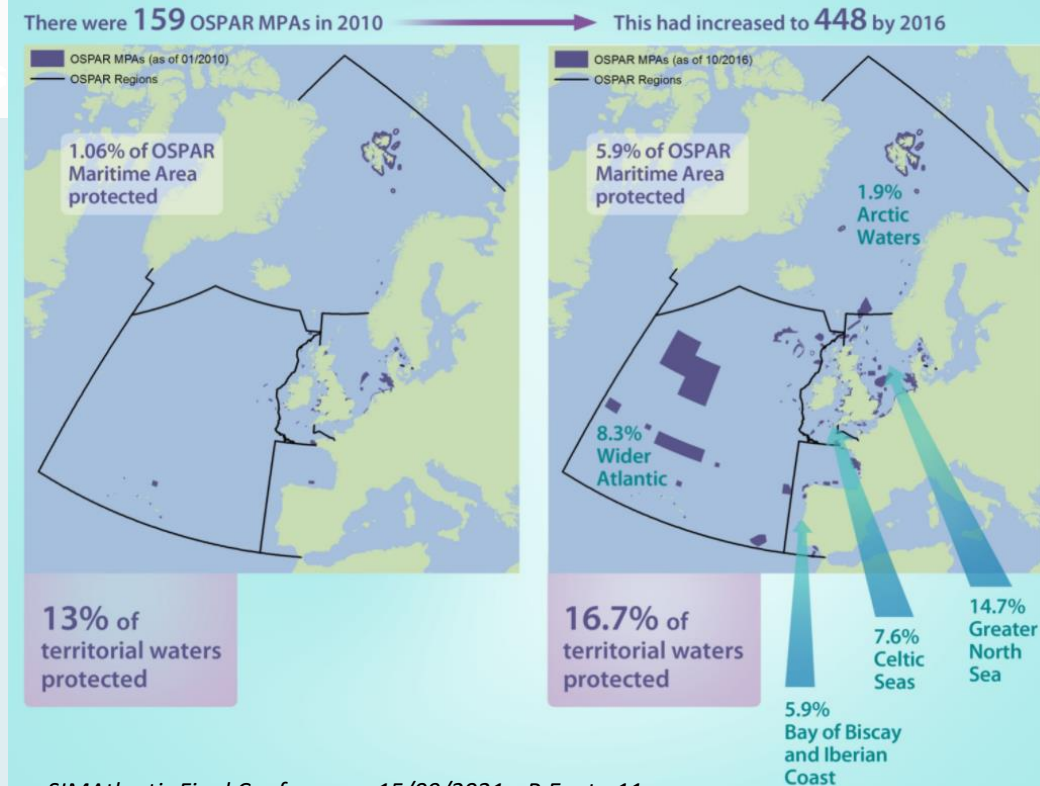


- Sea-basin collaboration
- Bilateral collaboration
- Sectoral collaboration
- OSPAR collaboration

- ❑ *Cross-border consultation in steps of the MSP process*
- ❑ *Coherency at sea basin level (Large Marine Ecosystem)*



North Sea Shipping
Cooperation



Transboundary knowledge exchange and collaboration in EU-funded projects and initiatives in the North Sea

ECOAST

ECOAST aimed to identify, develop and test new methodologies for spatial and temporal management of fisheries and aquaculture in coastal areas.

EMODNET

EMOD Net is a long term marine data initiative developed through a series of projects launched by the European Commission's Directorate - General for Maritime and Fisheries (DG MARE) in 2009.

FABENA

The aim of FABENA is the development of a scientific bases for the integration of nature conservation concerns into maritime spatial planning (MSP) processes.

MAREFRAME

MareFrame is a EC-funded RTD project which seeks to remove the barriers preventing more widespread use of the ecosystem-based approach to fisheries management.

MARINA

The MARINA project will engage citizens, researchers, policy makers, industrial and societal actors in order to share knowledge, include the citizens' vision and societal needs, create a synergy between research and innovation and the environment

NORTHSEE

The NorthSEE project promotes a better exchange among Maritime Spatial Planning authorities and related experts and institutions in the North Sea Region (NSR).

PROMOTION

A meshed European offshore transmission grid connecting offshore wind farms to shore could provide significant financial, technical and environmental benefits to the European electricity market.

SEANSE

Developments in the North Sea are ramping up fast and increasingly have cross-border impacts or are planned across borders. The growing need for offshore wind park construction will be one of the main drivers for such developments.

SPACE@SEA

The Space@Sea project consists of seventeen European partners and intends to develop a standardized and cost-efficient modular island with low ecological impact, providing "sustainable and affordable workspace at sea

TAPAS

TAPAS is a four year study designed to investigate the current limits to fish farming, the social interactions, environmental impacts and future risks in an aim to create cost efficient management tools and practices for the aquaculture sector

WINWIND

WinWind is a project that aims to enhance the socially inclusive and environmentally sound market uptake of wind energy through efforts to increase its social acceptance in 'wind energy scarce regions' (WESR).



Examples of EU-funded projects and initiatives:

EU-funded regional projects in the North Sea:



Starts in 2021
eMSP North & Baltic Seas
2030 project

EU-funded research projects:

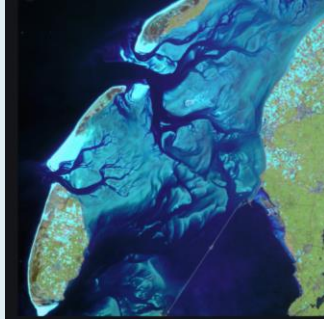


EU-funded initiatives on data for MSP:



Full list of projects:
www.msp-platform.eu

The North Sea: the Wadden Sea islands World Heritage Site (UNESCO) - The Trilateral Wadden Sea Cooperation



The Netherlands: Agenda for the Wadden Region 2050, The North Sea Programme (2022-2027)



“
The North Sea
Agreement

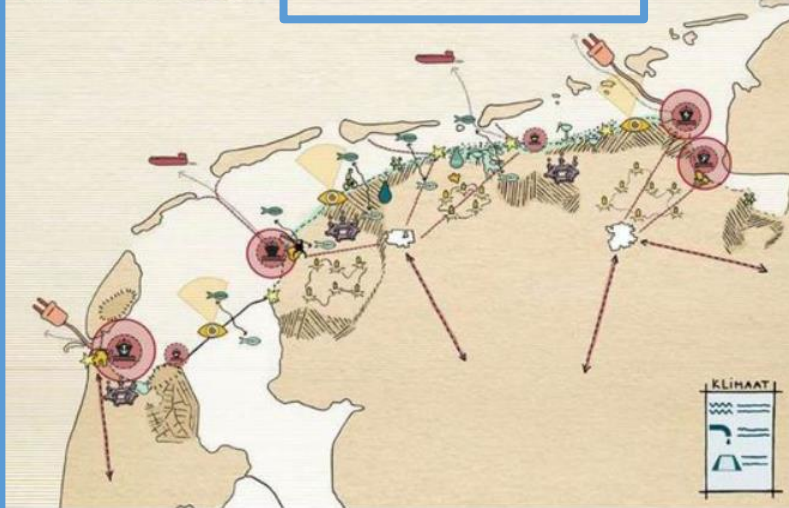


AGENDA VOOR HET
WADDENGEBIED 2050

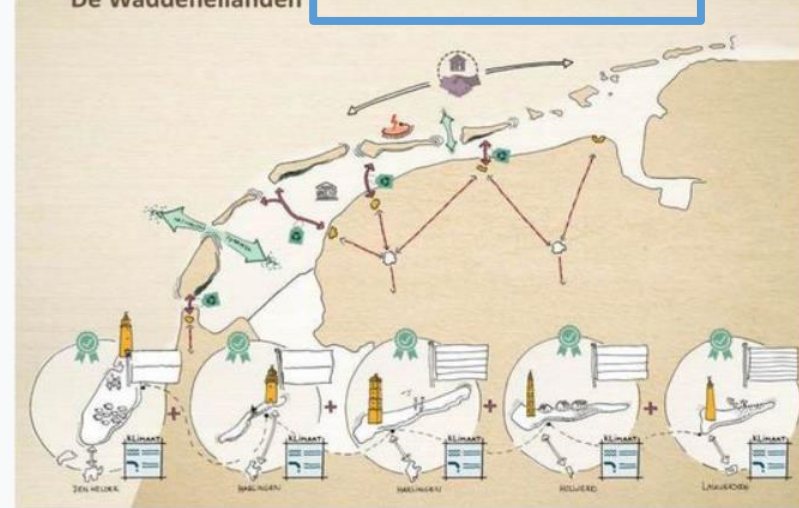
Koersen naar een veilig, vitaal en
veerkrachtig Waddengebied in 2050



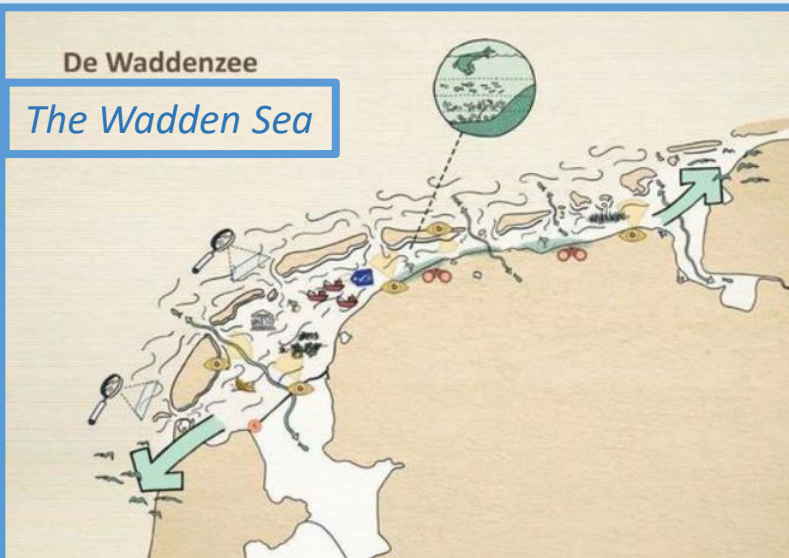
De Waddenkust *The Wadden coast*



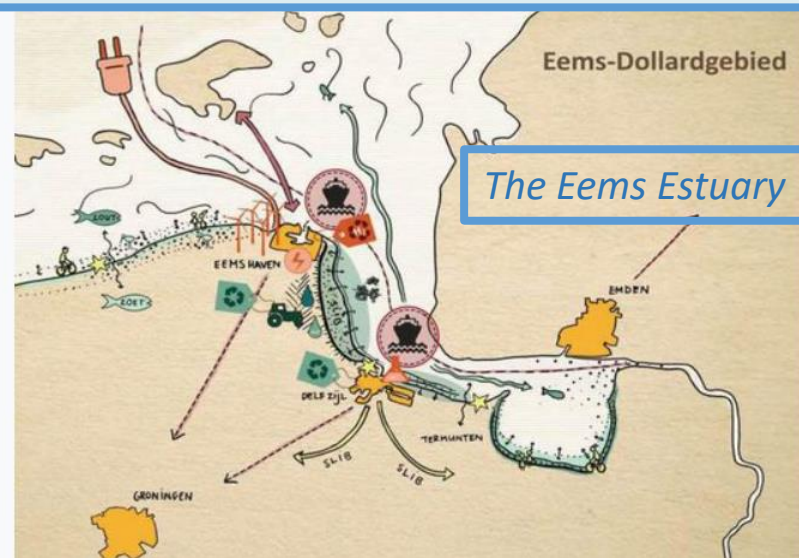
De Waddeneilanden *The Wadden islands*



De Waddenzee *The Wadden Sea*



Eems-Dollardgebied *The Eems Estuary*



Transboundary experiences in the North Sea: Summary of Opportunities & Lessons learned



Transboundary connecting with neighbouring states and further across the sea basin:

- Similar issues enhancing transboundary collaboration and coordination
- Institutional collaboration and coordination, decision making processes
- Ensuring coherence and coordination of MSP across the sea basin
- Learning in MSP projects, sectoral exchange
- Generated knowledge to inform decision-making processes in planning

Thank you!



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<https://www.msp-platform.eu/>