



IMPLEMENTATION OF MSPs IN THE BALTIC SEA

SUBMARINER Network for Blue Growth EEIG





OUTLINE

1. Introduction Maritime Spatial Plans

2. Implementation of MSPs

- **Sectors/Uses**
- **Zones**
- **Responsibilities**

3. Monitoring & Evaluation

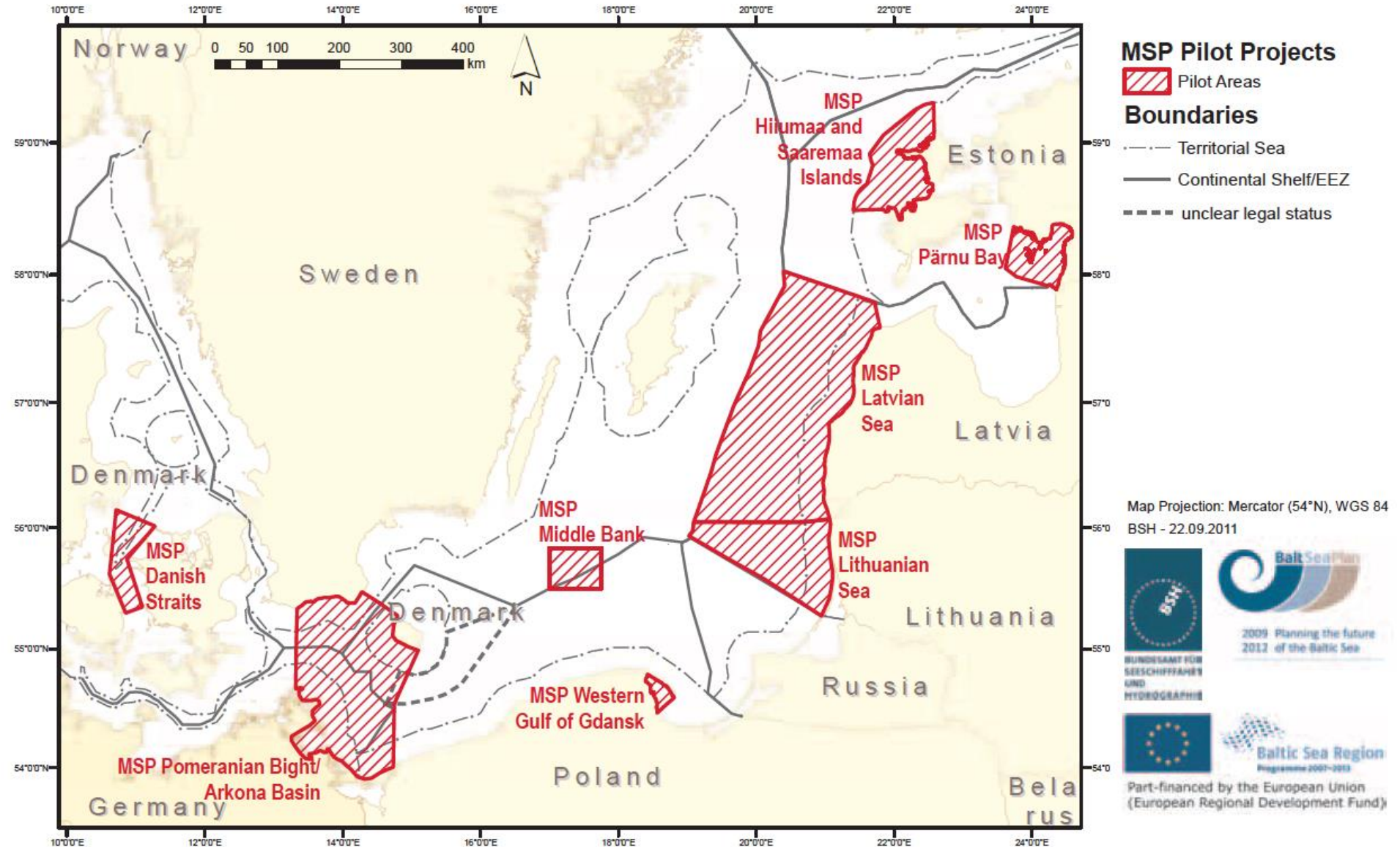
4. Future Development





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MSP in the Baltic Sea by 2011

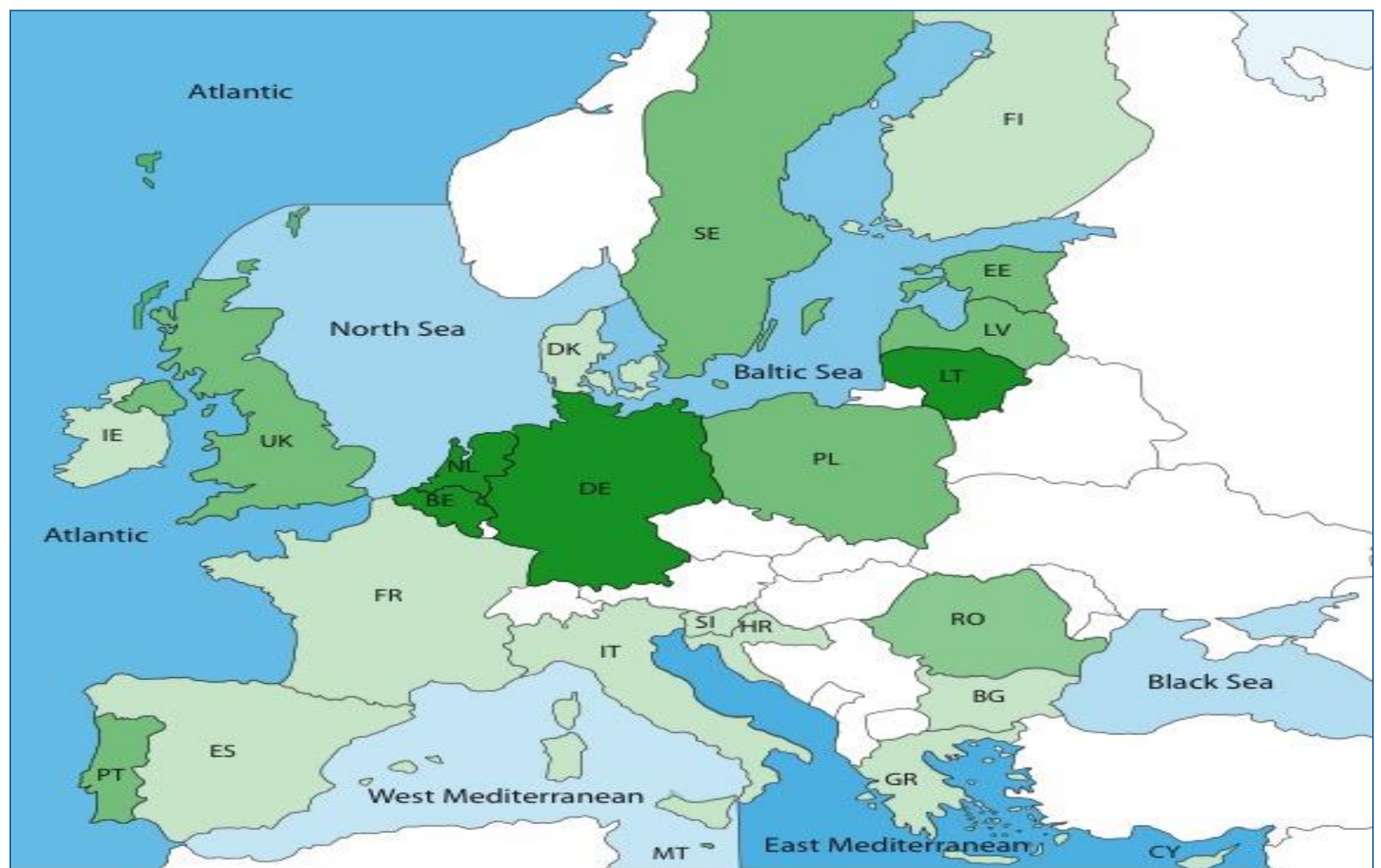




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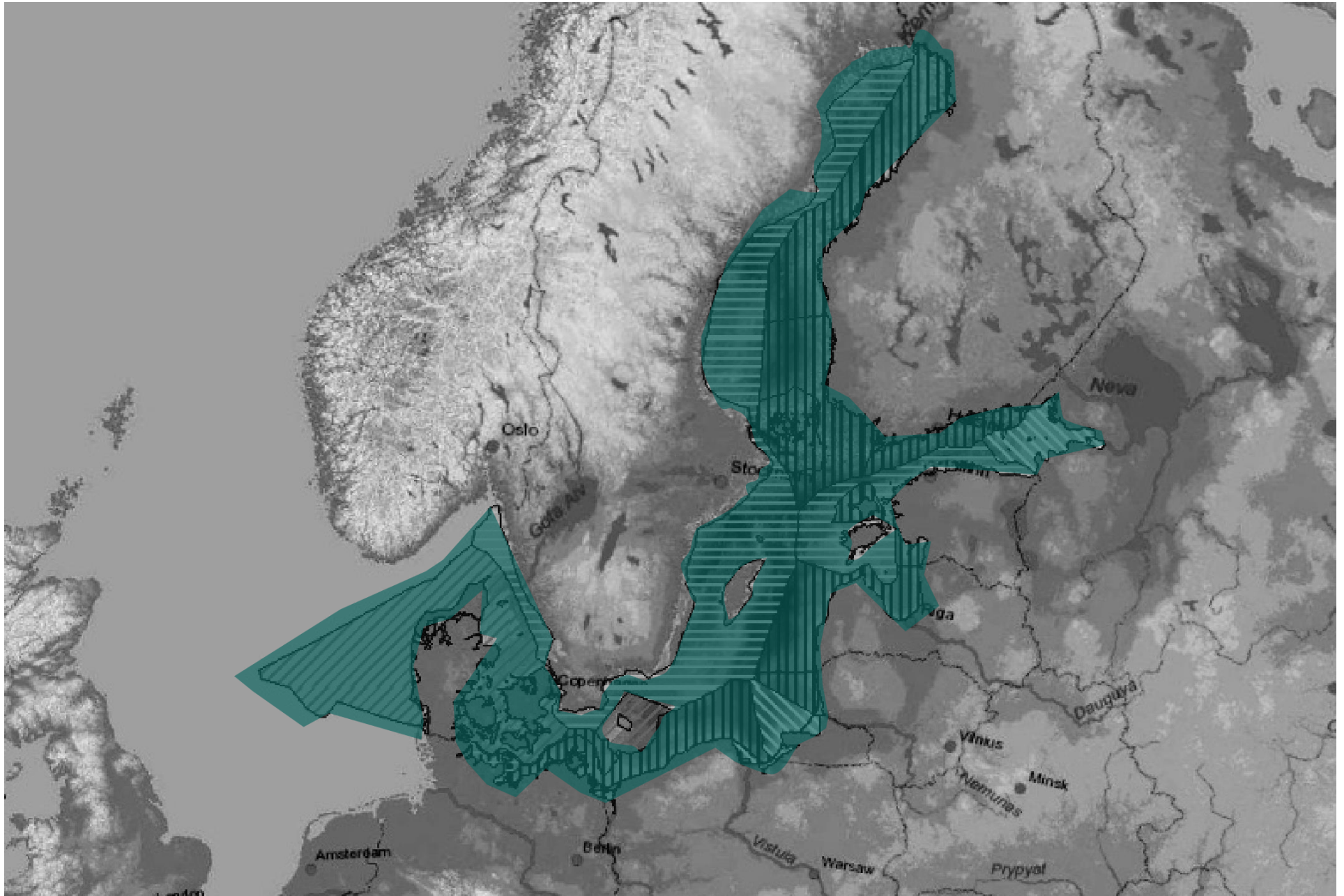
MSP in the Baltic Sea by 2014

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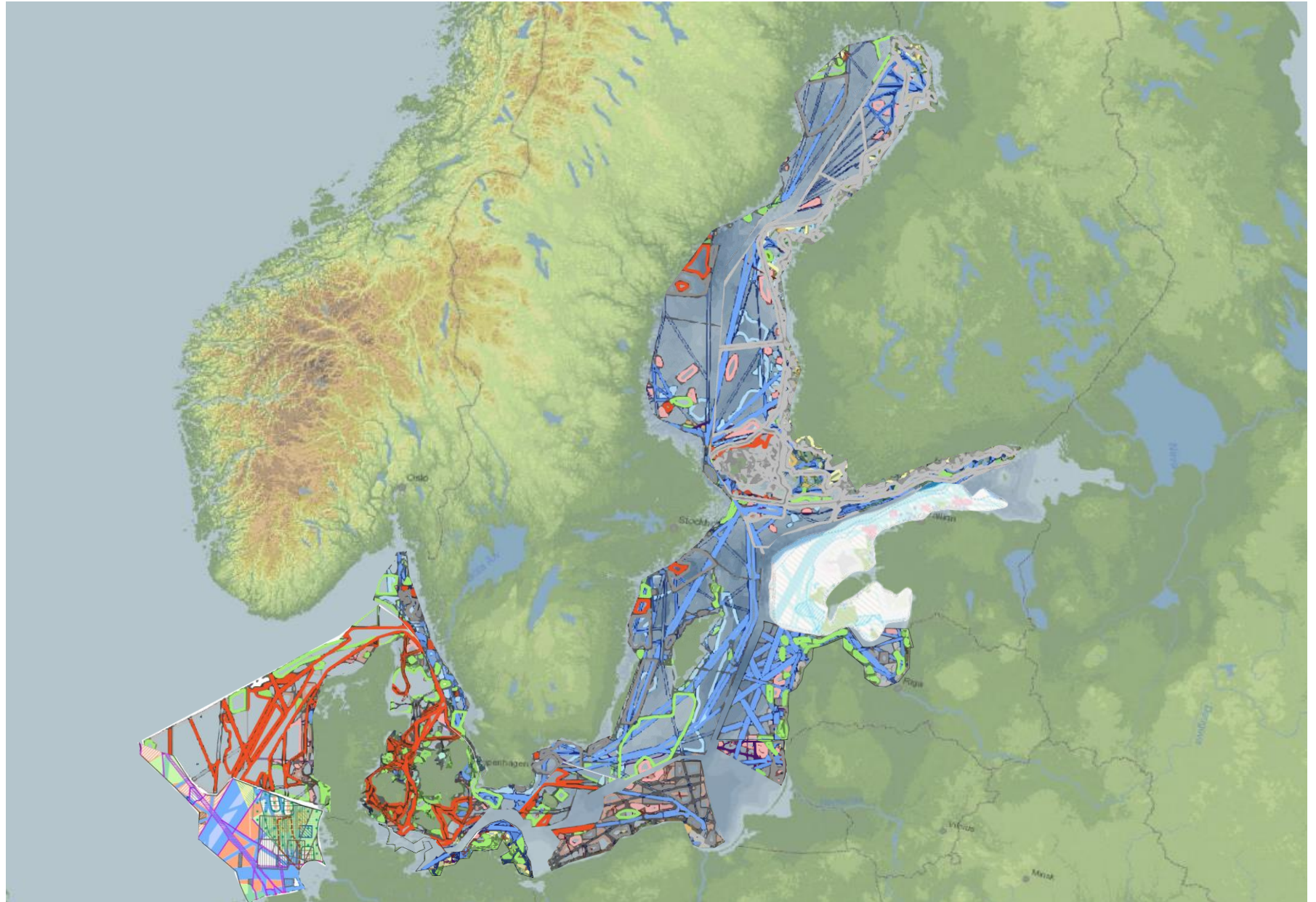


MSP legislation in the EU (as of September 2014)

- MSP legislation in place and MSP implemented (territorial waters+EEZ)
- MSP legislation in place but MSP is not (comprehensively) implemented
- No MSP legislation in place
- Other countries



But ... not only that they look different



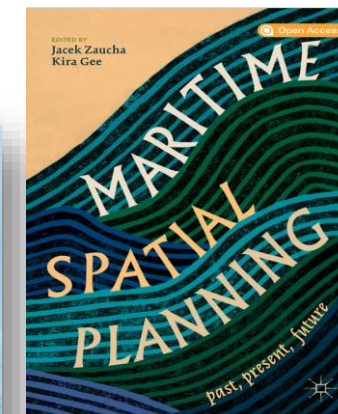
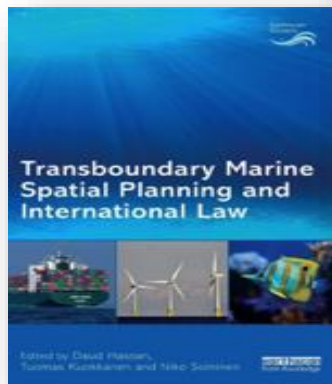
Not so much known, what this means ...

Almost all projects / studies / articles / tools / methods so far concentrated on

How MSPs are prepared



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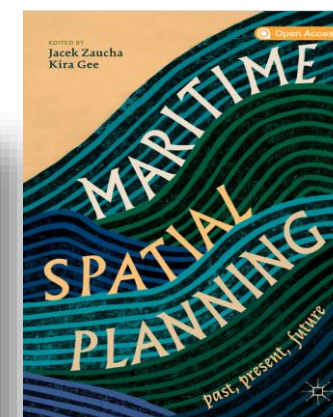
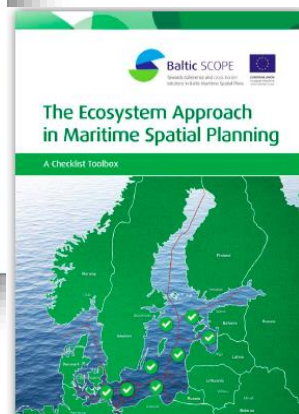
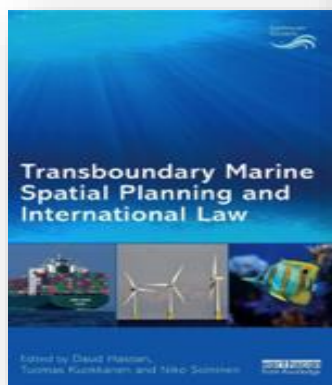
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But hardly any information on their actual implementation



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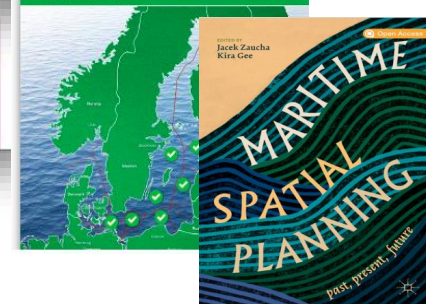
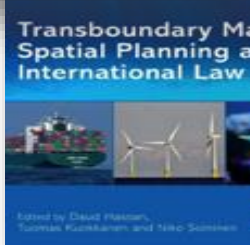


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But hardly any information on their actual implementation

Thus here a short introduction



Support to MSP Roadmap



Report on Implementation, Monitoring and Evaluation Mechanisms for MSPs in the Baltic Sea Region

November 2021



HELCOM-VASAB MSP WG

Regional Maritime Spatial Planning Roadmap 2021-2030



Maritime spatial planning



October 2021

Regional Maritime Spatial Planning Roadmap 2021-2030



Joint actions to support implementation and follow-up of the MSPs in relation to the regional MSP framework:

1.1 Develop a guiding framework to support harmonized evaluation of MSPs, including a set of definitions:

— *Output: BSR evaluation framework for MSPs; common set of general definitions (“Implementation”, “Knowledge Base”, “MSP Cycle”, “Coherent MSP”, “monitoring, assessment, evaluation”, etc.), year 2023.*

1.2 Develop and share a concise and descriptive overview on national plans’ implementation (what does implementation mean in different countries; where/when do they impact on decisions on certain projects, spatial and temporal management of activities etc.):

— *Output: overview on national MSPs implementation, if possible, inclusion in established country fiches that would have a dedicated section, 2025 and 2028.*



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Report on Implementation, Monitoring and Evaluation Mechanisms for MSPs in the Baltic Sea Region

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2. Which uses taken into account?

Article 8.2 EU MSP Directive

1. aquaculture areas,
2. fishing areas,
3. installations and infrastructures for the exploration, exploitation and extraction of oil, of gas and other energy resources, of minerals and aggregates, and for the production of energy from renewable sources,
4. maritime transport routes and traffic flows,
5. military training areas,
6. nature and species conservation sites and protected areas,
7. raw material extraction areas,
8. scientific research,
9. submarine cable and pipeline routes,
10. tourism,
11. underwater cultural heritage.

2. Implementation of MSPs | Uses



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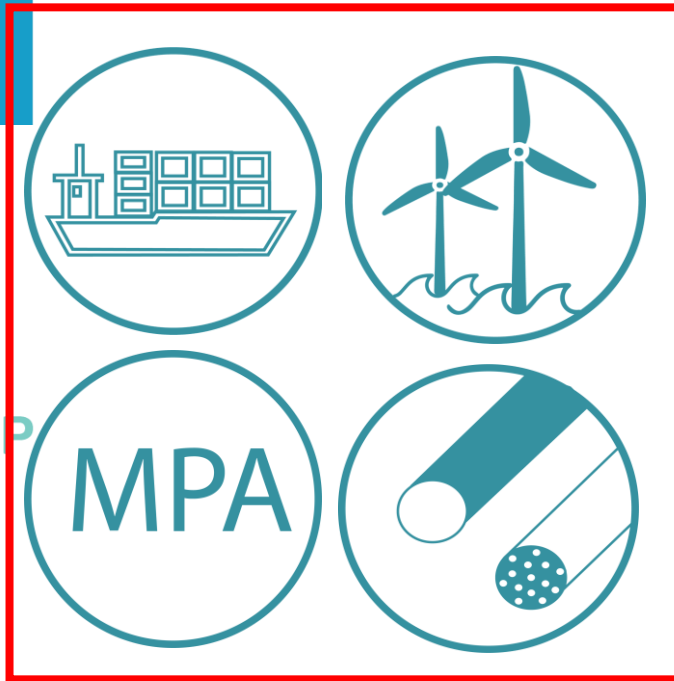


Table 2: Sectors / uses mentioned in Article 8.2 of the EU MSP Directive

Countries:	DK	DE		PL	LT	LV	EE	FI	SE
		EEZ	MV						
Sectors / Uses:									
General Use	X				X	X			X
Shipping Routes	X	X	X	X	X	X	X	X	X
Energy: OWF	X	X	X	X	X	X	X	X	x
Energy: Oil & Gas	x ¹³			X		x ¹⁴	X		X
Energy: Wave						x ¹⁴			
Cables	X	X	X	x ¹⁵	X	X	X	X	X
Pipelines	X	X	X	x ¹⁵	X		X	X	
MPAs	X	X	X	X	X	X	X	X	X
Fishing		x ¹⁶	X	X	X		X	X	X
Aquaculture	X	x		X		x ¹³	X	X	
Fish	X					x ¹³	X	X	
Shellfish	X					x ¹³	X		
Algae						x ¹³	X		
Defense / Military Training	X	X			X	X	X		X
Raw Material Extraction	X	X	X	X	X	x ¹³			X
Marine Culture							X	X	X
Underwater Cultural Heritage		x		X	X	x ¹³	X	x	
Tourism and Recreation		x	X	X	X		x	X	X
Scientific Research		X		X					



2. Which uses taken into account?

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Energy: Oil & Gas	x ¹³			X		x ¹⁴	X		X
Energy: Wave						x ¹⁴			
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MPAs	X	X	X	X	X	X	X	X	X
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Aquaculture	X	x		X		x ¹³	X	X	
Fish	X					x ¹³	X	X	
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2. Uses NOT mentioned in EU MSP Directive

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Uses	Countries
Diving	Latvia (considered)
Sea Rescue, Pollution, Boarder Guard	Estonia
Dumping	Estonia, Latvia (considered)
Natural resources	Estonia
CO2 storage	Denmark
Compensation Excavation	Denmark
Land Reclamation	Denmark
Protective Measures for Aviation	Denmark, Germany EEZ (considered)
Multi-Functional Use	Poland, Germany EEZ (considered)
Energy / Artificial Islands	Denmark, Poland
Specific Coordination Areas	Finland
TEN-T Ports and Ports	Finland, Germany MV
Special Areas	Finland
Maritime Industry	Finland
Archipelago	Finland
Coastal protection	Poland, Latvia
Space Reserved for Future Use	Poland
Environmental Conditioned Local Development	Poland
Investigation areas: Energy Extraction	Sweden
Investigation areas: Sand Extraction	Sweden
Investigation areas: Maritime Shipping	Sweden
Connections	Finland

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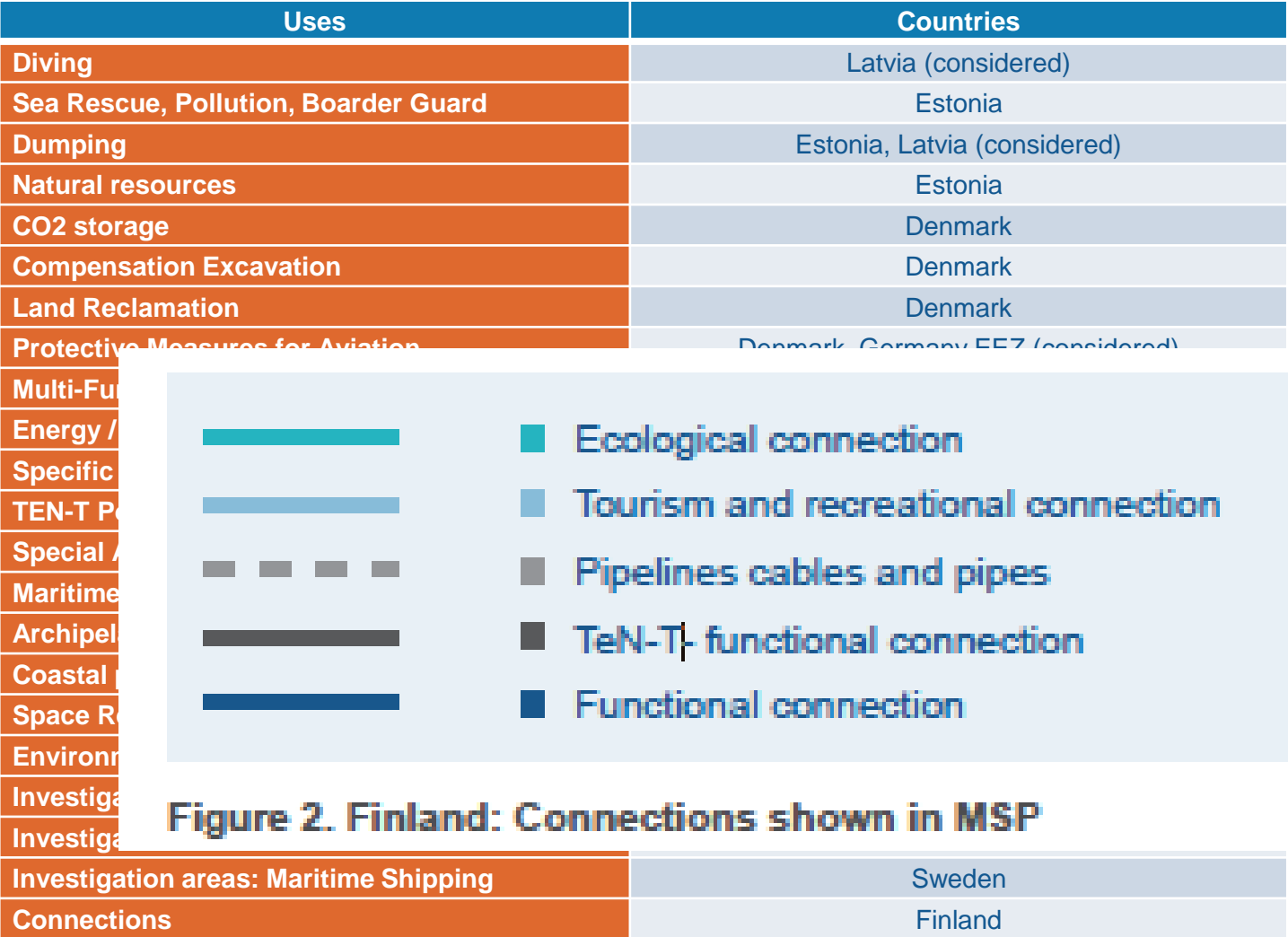
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2. Implementation of MSPs | Designations

DE

DK

EE

FI

LT

LV

PL

SE



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Nature Conservation

Mainly existing uses

Shipping Routes

MPA



OWF



- some existing, some licensed; some for 'suitable areas'; some 'investigation areas'
- sometimes EA done by state / sometimes need to be done by interested companies
- sometimes OWF ONLY possible in these mapped areas / sometimes ALSO possible in areas outside

NOT immediately visible in MSPs!

2. What kind of zones?

positive (plan) / negative designations (explanation)

DE

DK

EE

FI

LT

LV

PL

SE



ZONE 1

Use allowed

ZONE 2

Use allowed
under
certain
conditions

ZONE 3

Use not allowed

ZONE 4

white zone

Non of the
regulations
apply

- Not all sectors have areas, where they are granted priority status
- In all countries, fishery and shipping permitted everywhere – UNLESS specifically noted
- Germany also has temporal restrictions (i.e. specific season or only until a given year)

2. Implementation of MSPs | Zones

Different zoning systems

DE

DK

EE

FI

LT

LV

PL

SE



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ZONES

Priority areas

Shipping routes,
Offshore wind
Nature protection

No use is allowed that would
significantly constrain the use of the
priority area

2. Implementation of MSPs | Zones

Different zoning systems

Table 5: Designations for Sectors covered by the Polish MSP

Sectors for which Poland has assigned priority areas are:	Sectors, which are subsequently allowed in some areas include:
<ul style="list-style-type: none">○ Ports and haven functioning;○ Environment and nature conservation○ National security and defense;○ Coastal protection;○ Acquiring renewable energy;○ Exploration, prospecting and extraction of mineral resources;○ Space reserved for future use;○ Space reserved for future use with extraction allowed.	<ul style="list-style-type: none">○ Fisheries;○ Transportation;○ Aquaculture;○ Scientific research;○ Cultural heritage;○ Technical infrastructure;○ Artificial islands and structures;○ Tourism, sport and recreation;○ Environmentally conditioned local development;○ Multi-functional economic growth.

PL

95 sub areas with one priority use

Example:

- Priority zone for national security and defense
- Allowed use: tourism, ports and recreation

2. Different Meaning of Zones

GENERAL USE ZONE

DE

DK

EE

FI

LT

LV

PL

SE



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GENERAL USE ZONES B

Any use allowed
(which do not impede nature)

2. Different Meaning of Zones

GENERAL USE ZONE

DE

DK

EE

FI

LT

LV

PL

SE



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GENERAL USE ZONES A

Not open for uses, for which
specific development zones
are already established

GENERAL USE ZONES B

Any use allowed
(not impede nature)

2. Different Meaning of Zones

GENERAL USE ZONE

DE

DK

EE

FI

LT

LV

PL

SE



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GENERAL USE ZONES A

Not open for uses, for which
specific development zones
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Development zones

Ah Marine aquaculture

Ak Cultivation and transplantation banks for the production of shellfish

Ao Farming of shellfish in the water column

Ec CO₂ storage

Ei Renewable energy and energy islands

Eo Oil and gas exploration and extraction

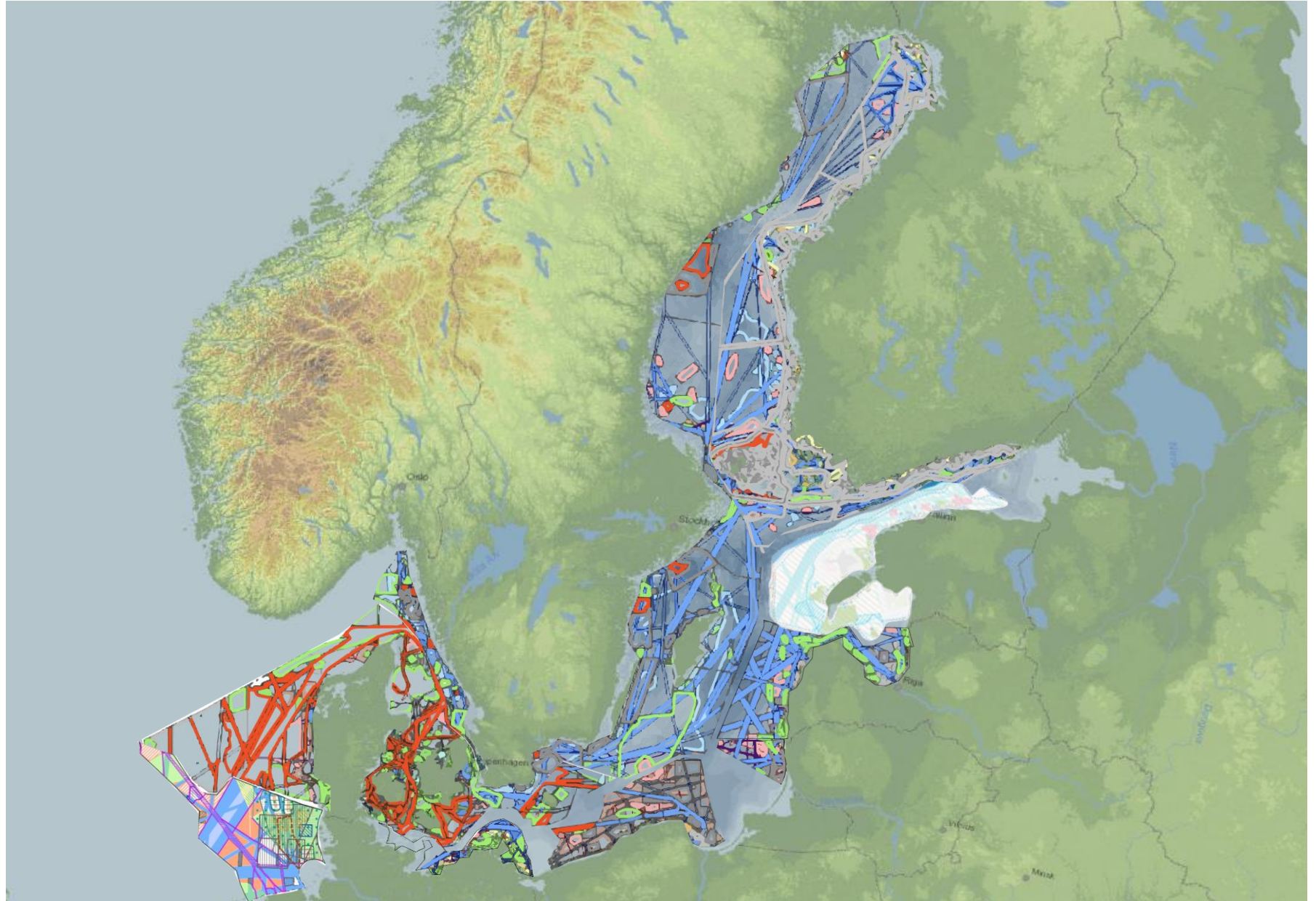
Ev Renewable energy

Ib Specific transport infrastructure projects

R Natural resource extraction

Figure 3. Denmark: Development zones

2. Implementation of MSPs | Zones



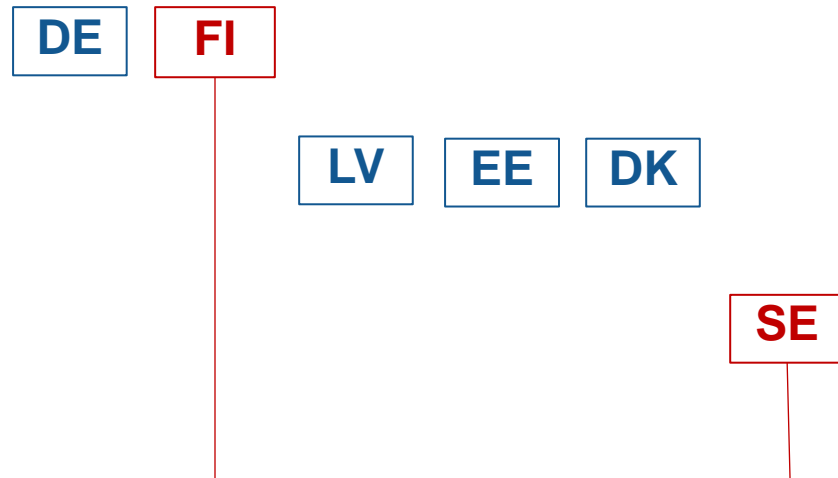
2. Implementation of MSPs | Responsibilities

Differentiated Situation

Generally in countries, where MSPs are legally binding,
MSP authority to be involved by other ministries in subsequent licensing procedures

Countries with MSP coordinating group:

- MSP group, informal
- MSP group, inter-sectoral
- Regions, partially intersectoral



Guiding documents

Formally decisions taken by other institutions

In Finland within lower level land-use plans

MSP authority no decision-making power; but involved in the process

2. Implementation of MSPs | Adaptability

A lot of „leeway“ within the given MSPs in all countries



EE

LT

PL

SE

- Adaption possible in

DE

DK

FI

LV

- Mainly applicable, for what has been planned

3. Monitoring & Evaluation

DE

DK

EE

FI

LT

LV

PL

SE



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Country	MSP adopted	MSP revision	Remarks
Germany MV	2016	2026	No specific timeline; but generally 10 years horizon for cross-check
German EEZ	2021		Revision of plans at least every 10 years; "medium-term" perspective with approx. 10 – 15 years
Poland	2021		Assessment MSP after 10 years of whether still valid or not. Can potentially be replaced in some areas by smaller scale plans.
Lithuania	2021		
Latvia	2019	2026 – 2029 evaluation	In line with timeline of Sustainable Development Strategy of Latvia 2030; however, review planned together with MSFD reporting.
Estonia	2021	2026	Check for possible renewal starts after 5 years
Finland	2020	At the latest 2030	Revision planned at time of MSFD update, that is by 2027
Sweden	2021	At the latest 2030	New plans, if needed; at least every 8 years
Denmark	2021	2031	10 year horizon

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3. Monitoring & Evaluation



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German EEZ	2021	2026	Predominantly qualitative assessment of achievement of planning goals and impacts as part of background report for revision process. For new MSP a comprehensive framework will be developed; but is not ready yet.
Poland	2021		No formal M&E Framework; legally reports required only every 10 years by Maritime Offices to Ministry
Lithuania	2021		Ministry of Environment checks whether municipal plans; infrastructure development plans or programmes are aligned with the national comprehensive plan. Monitoring indicators are set out in implementation program.
Latvia	2019	2026 – 2029 evaluation	Action Plan can be cross-checked as well as further investigations in specific designated zone; developments at sea also possible in other than designated areas; if in accordance to strategic objectives
Estonia	2021	2026	With Action Plan try to check whether conditions will be developed to achieve MSP goals & objectives
Finland	2020	At latest 2030	Cross check influence of MSP on land-use planning, licenses, permissions; and resulting from this, whether MSP objectives met
Sweden	2021	At latest 2030	County Administrative Boards to 'check' whether municipal plans aligned with national MSP
Denmark	2021	2031	No framework yet; but M&E will also include performance check of MSP process



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4. Future Development Areas

- Digital Maps
 - Not clear, how the digital plans will show developments over the course of the next years; i.e. when uses are really installed
- Monitoring & Evaluation Frameworks
 - rather unclear
 - should also include cross-checks on lower-level plans
 - Use of Scientific Advisory Councils
- Linking MSP and MFSD
 - Cycles and reporting processes
 - Currently difficult to cross-check

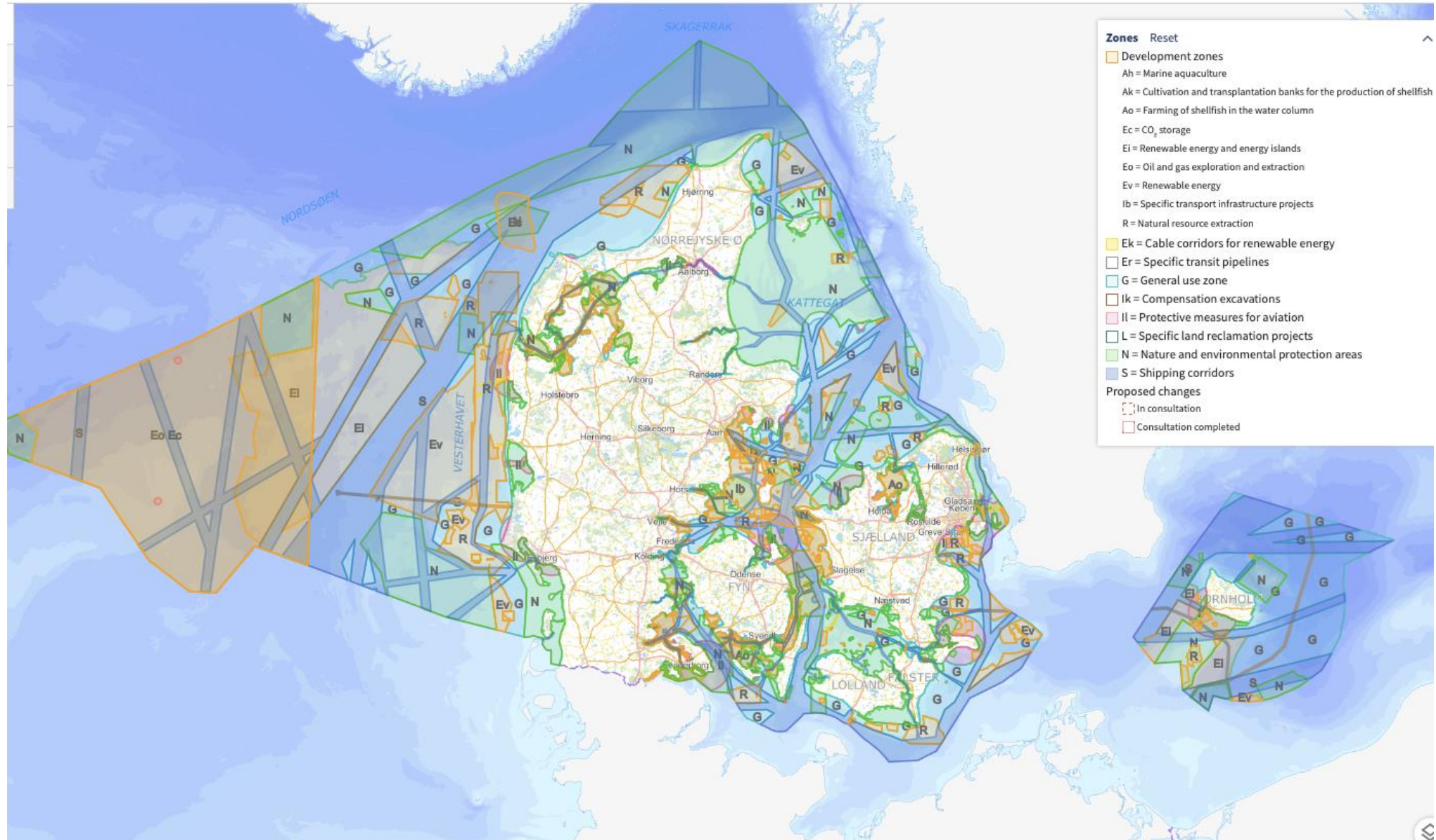


4. Future Development Areas



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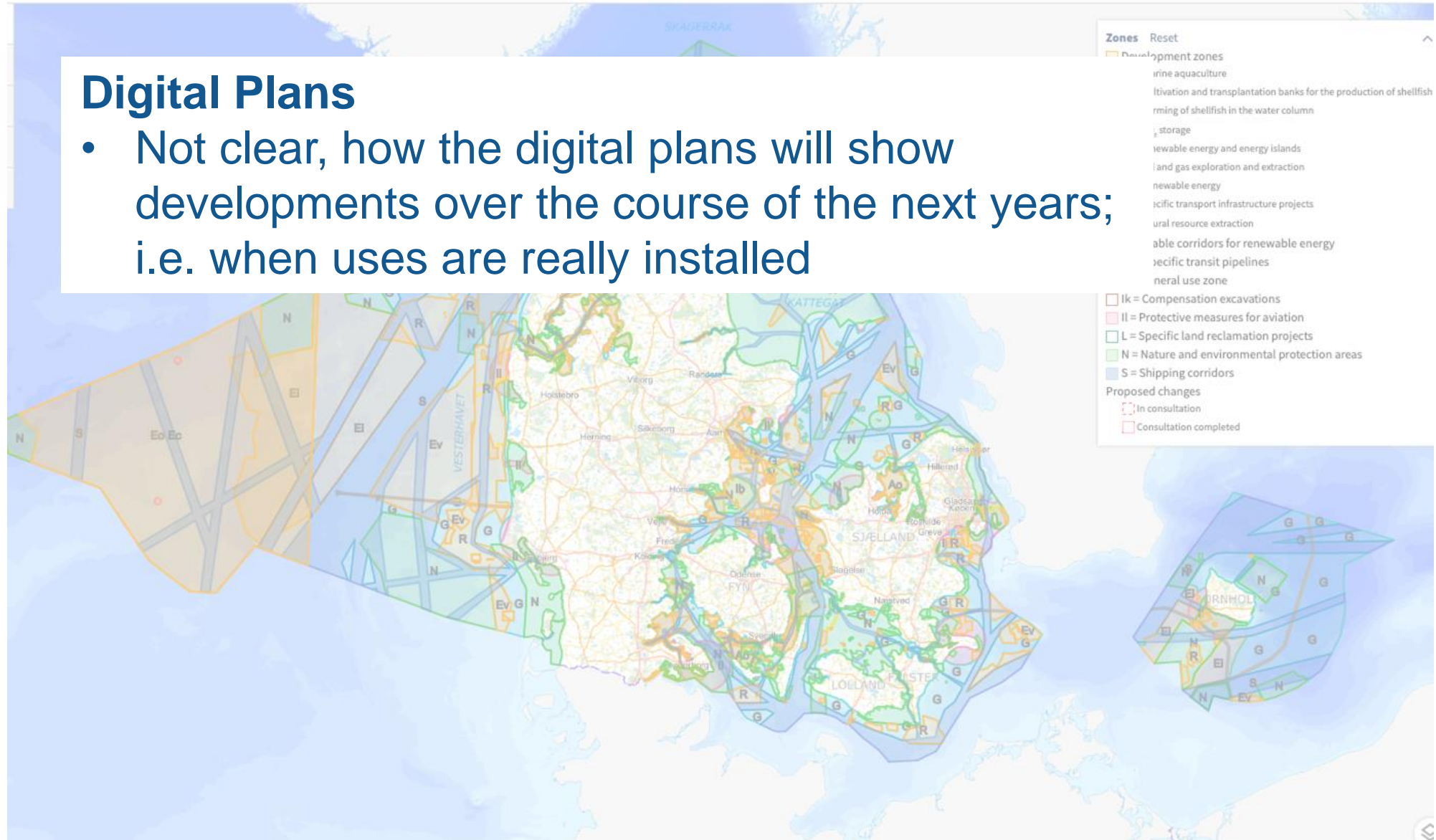
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Digital Plans

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4. Future Development Areas:

Digital Plans

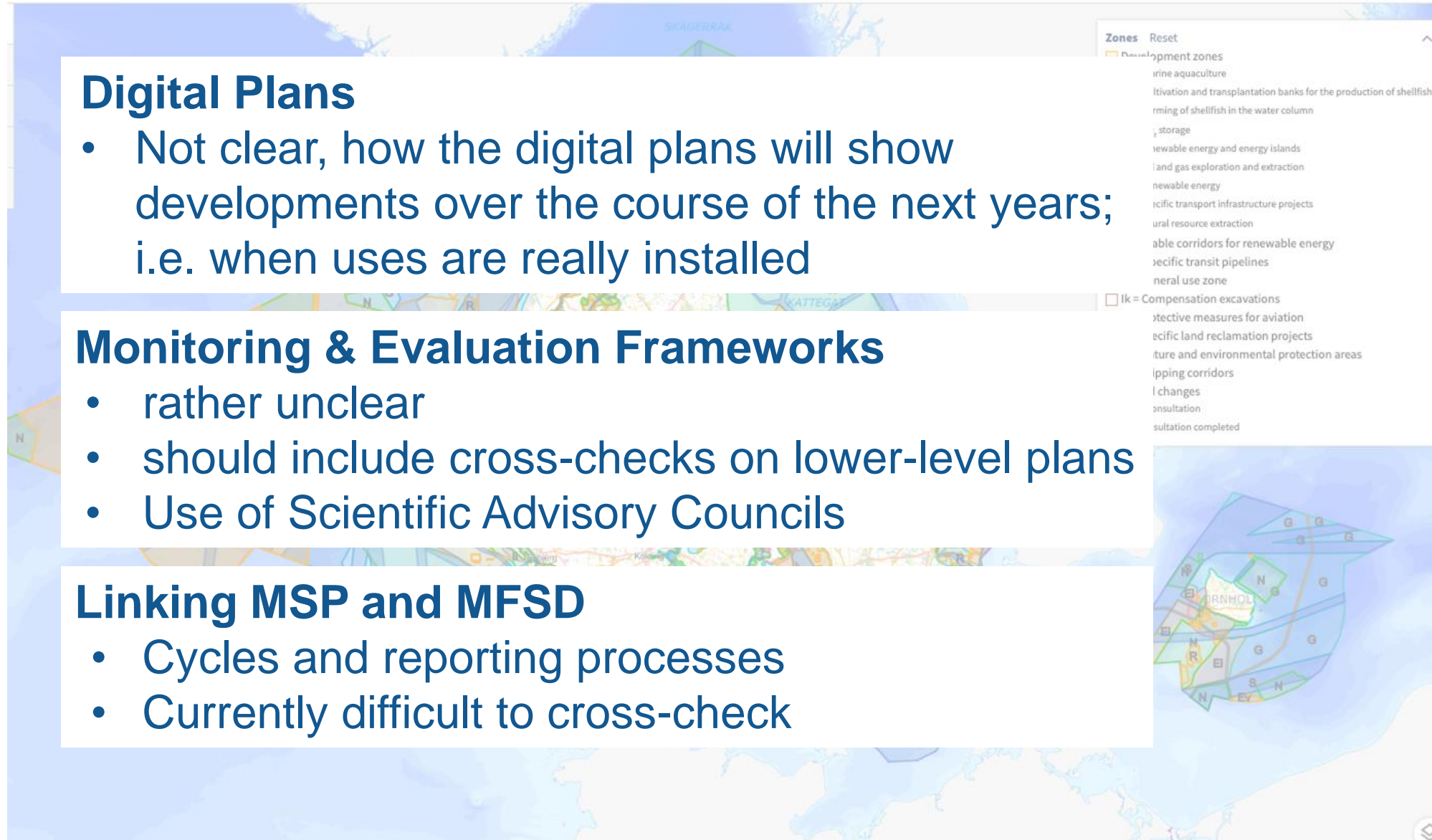
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