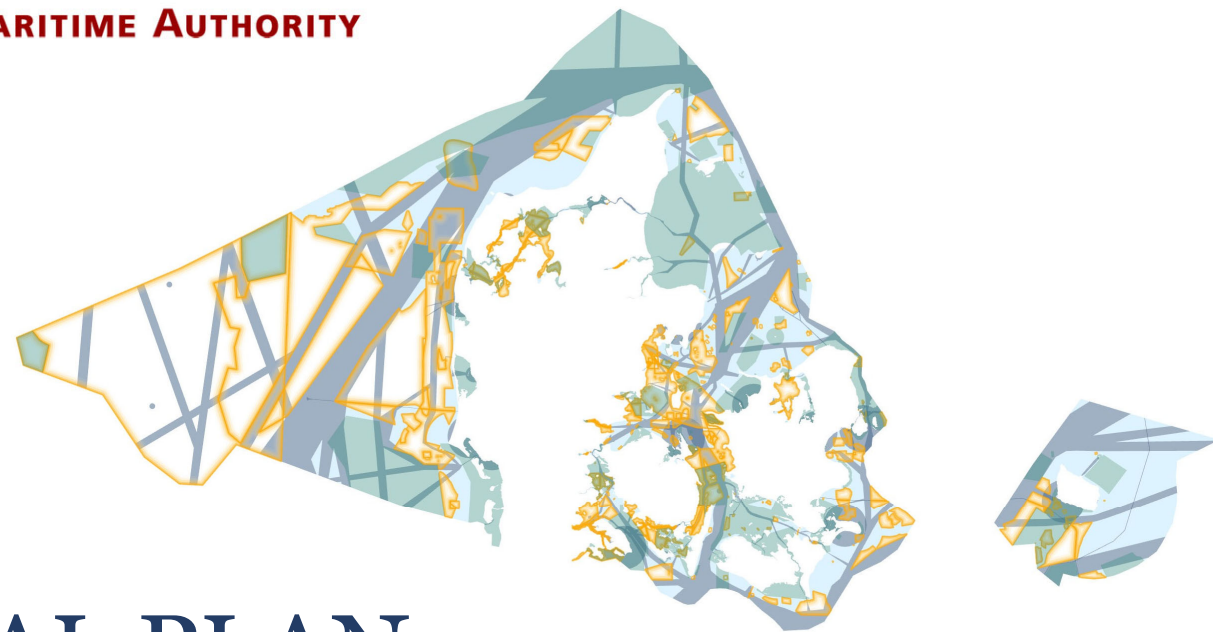


AGENDA

- 13:30 Welcome
- 13:45 Introducing the Danish plan
- 14:00 Environmental assessment
- 14:40 Regional walk-through of the plan – North Sea
- 15:05 Regional walk-through of the plan – Skagerrak/Kattegat
- 15:35 Regional walk-through of the plan – Baltic Sea/Belt sea
- 16:00 The digital plan
- 16:30 Thank you and goodbye



DANISH MARITIME AUTHORITY



PROPOSAL FOR DENMARK'S FIRST MARITIME SPATIAL PLAN

29th of June 2021 - Webex

THE PROCESS

Requests

Need for integrated planning and management and the sea.

2014/89/EU

The directive on maritime spatial planning is established.

L 131

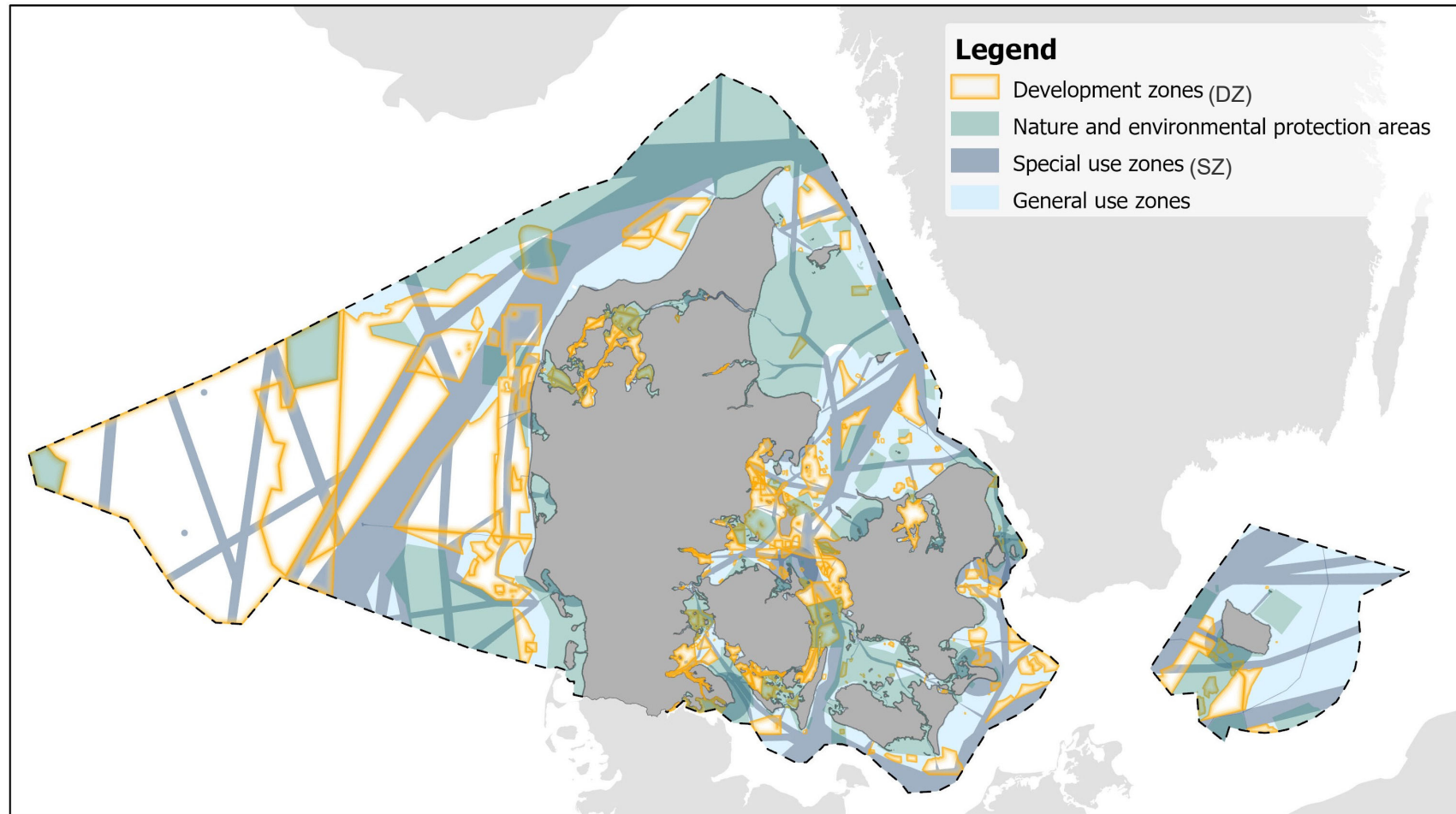
The Danish law on maritime spatial planning is adopted.

MSP process

Data collection, area distribution, environmental assessment, consultation, adaptation.

Executive order

THE PLAN MAP – 4 ZONE TYPES



ZONE DISTRIBUTION

Development zones

- Renewable energy and energy islands
- Exploration and exploitation of oil and gas
- CO2 storage
- New infrastructure projects
- Aquaculture incl. shellfish production and marine farming
- Extraction of mineral resources

Special use zones

- Shipping corridors
- Protection measures for aviation
- Cable corridors for renewable energy
- Land reclamation
- Pipelines

Fishing*
Shipping*
Recreational use*
Tourism*

Nature conservation and environmental protection

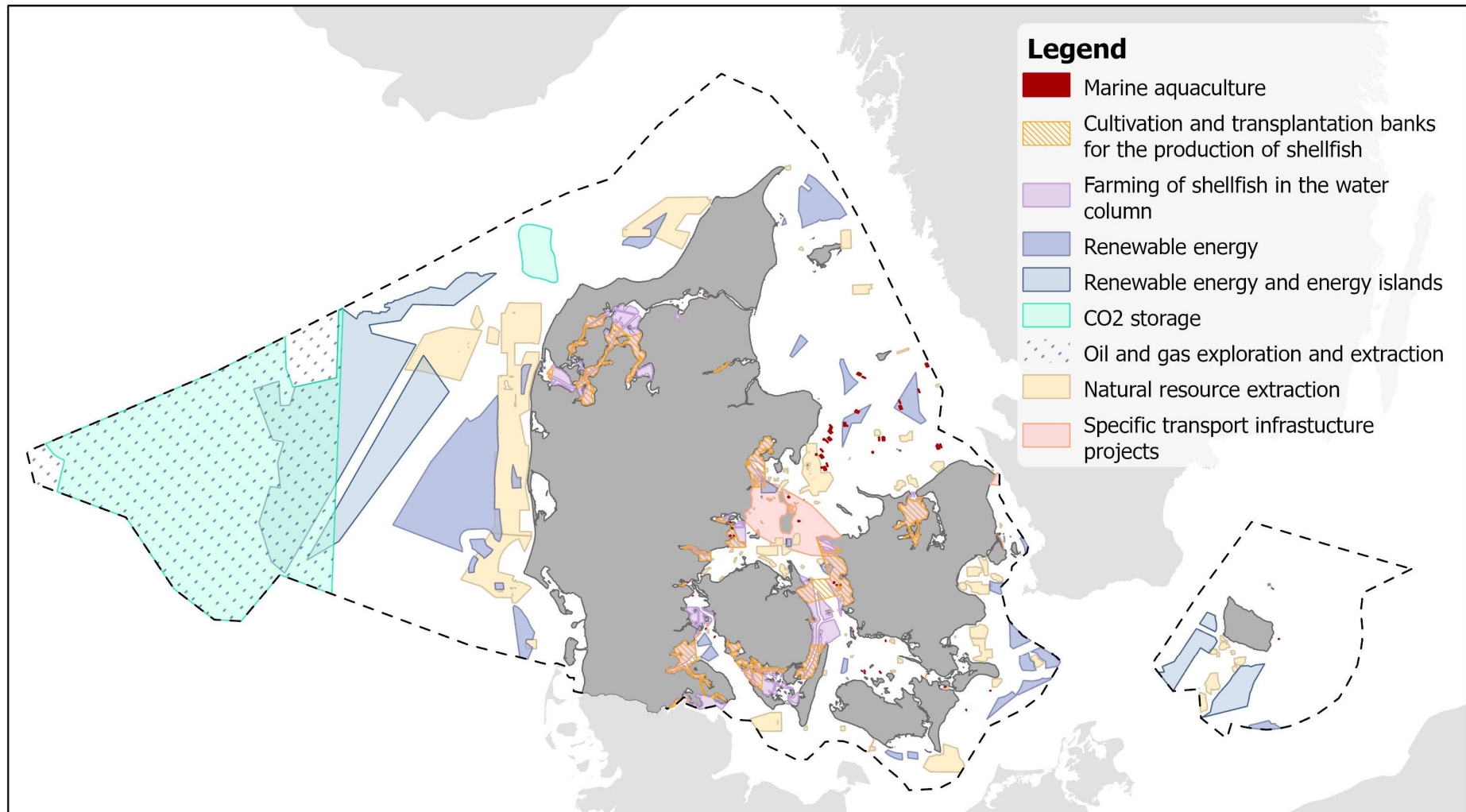
- Marine strategy areas
- Natura 2000 areas
- Protected areas
- Nature and game reserves

General use zones

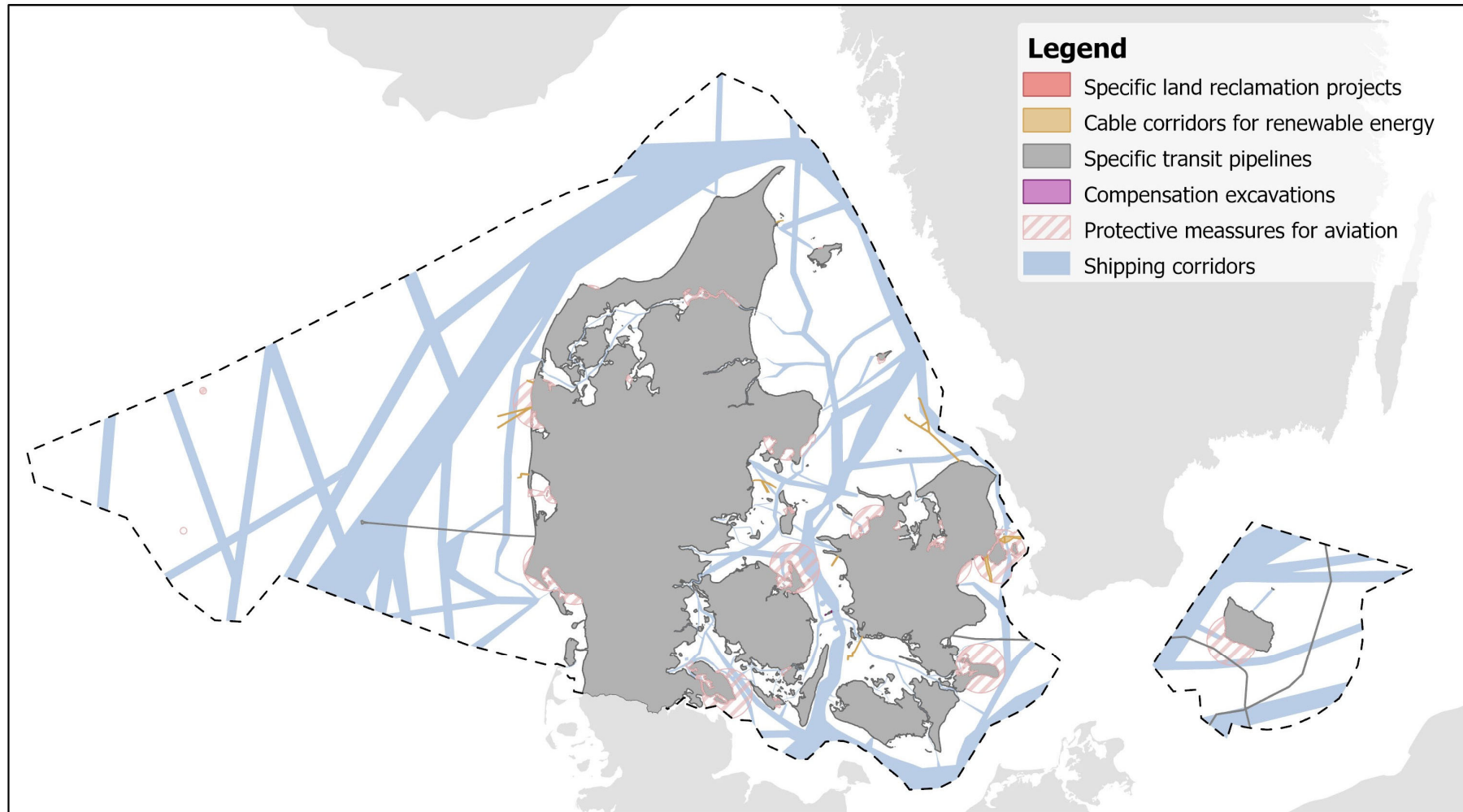
- General use zones consist of all areas in the maritime spatial plan that are not designated for other purposes.

*Can take place in all zones unless other legislation prohibits it or until constructions are built or in case other regulation is formulated that limits the activity.

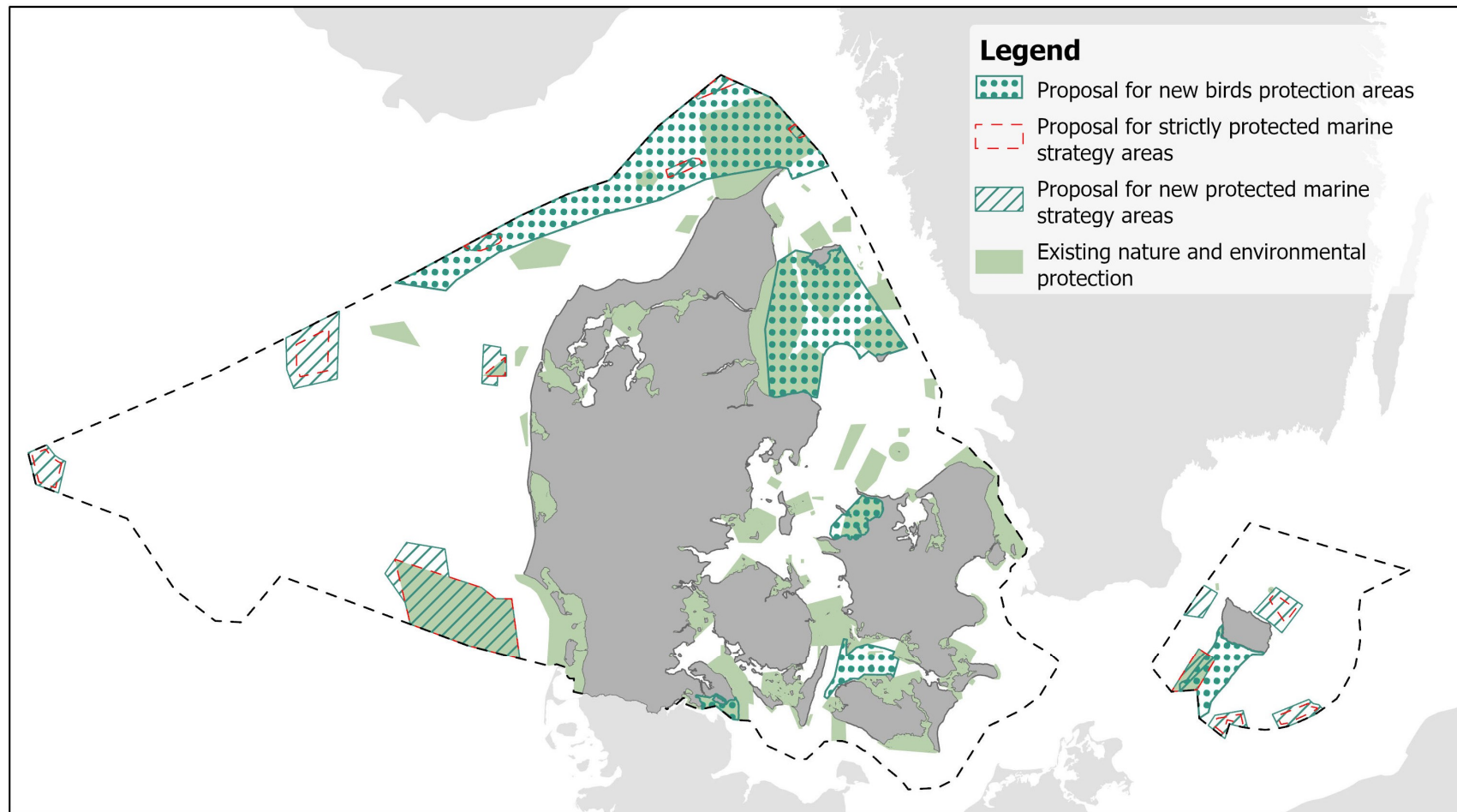
DEVELOPMENT ZONES



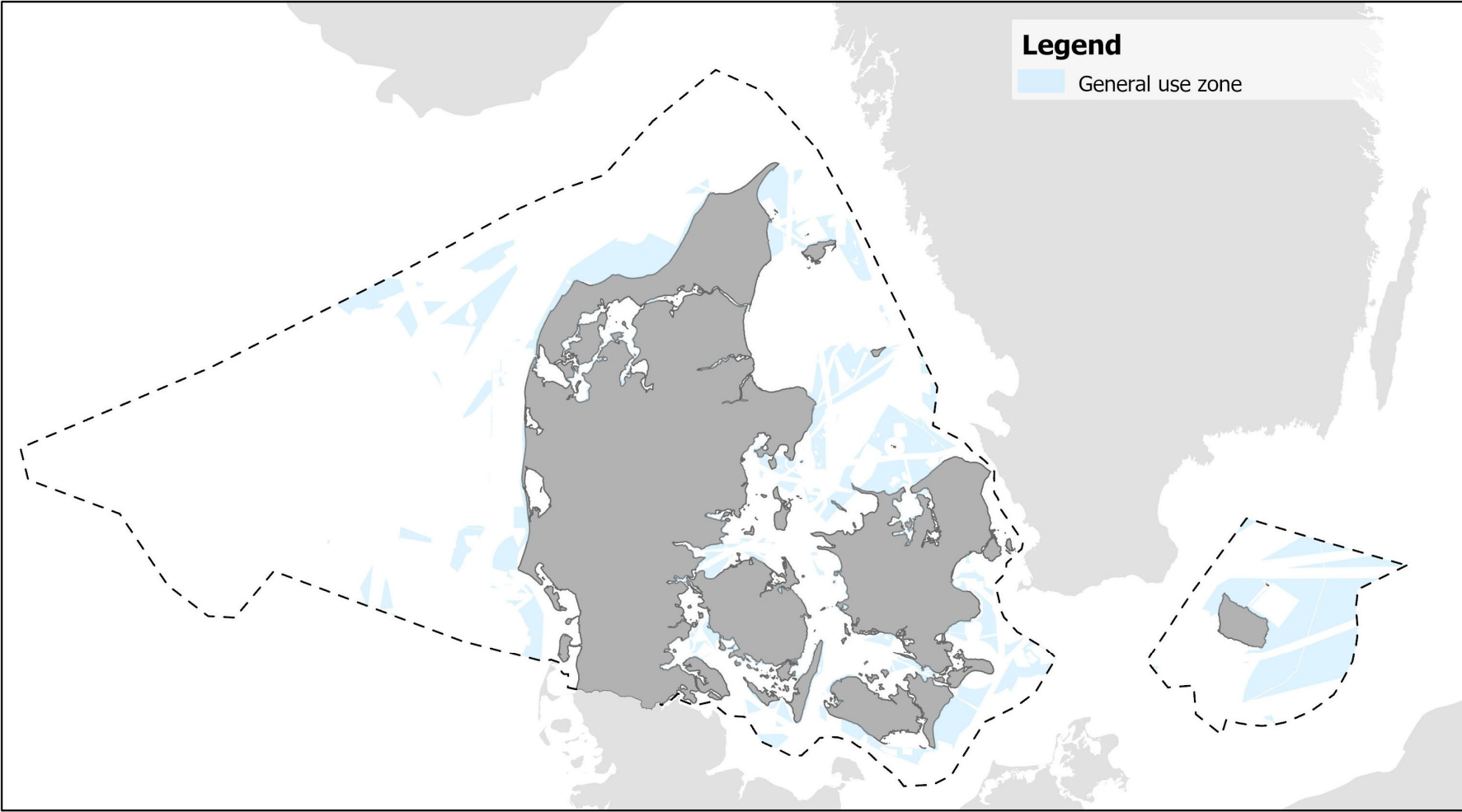
SPECIAL USE ZONES



NATURE CONSERVATION AND ENVIRONMENTAL PROTECTION



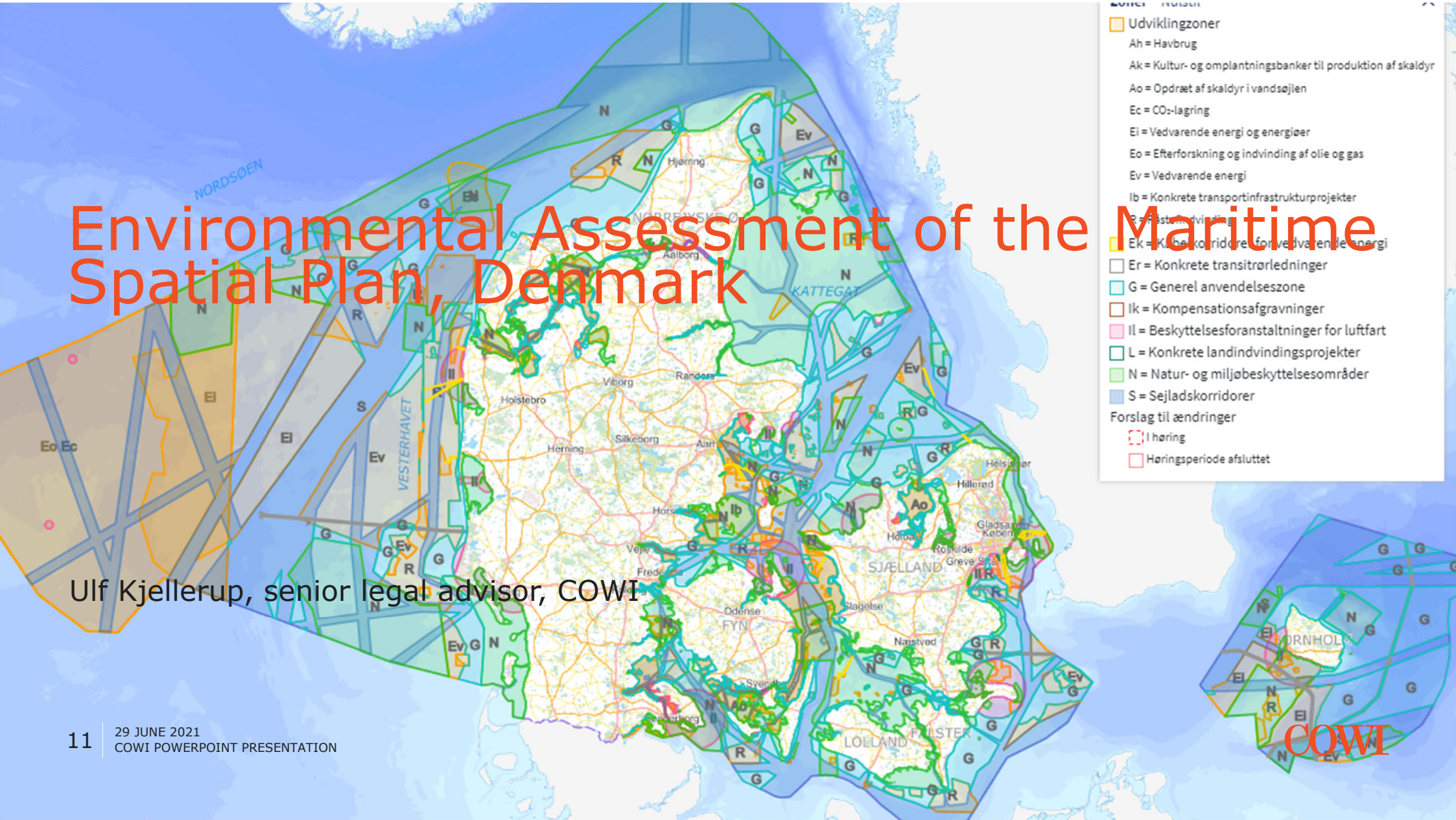
GENERAL USE ZONES





THANK YOU FOR THE
ATTENTION

Environmental Assessment of the Maritime Spatial Plan, Denmark



Ulf Kjellerup, senior legal advisor, COWI



Approach applied in assessment

Process-based assessment model:

- A draft scoping report was submitted for consultation in neighboring states
- Submissions from consultation were taken into account in scoping of SEA
- Several iterations between drafts of MSP and the assessment of likely significant impacts
- Assessment of likely significant impacts of the MSP - as a whole

Scenario-based approach

- Scenarios for each of six different activity sectors (e.g. renewable energy, extraction of sea-bed minerals, off-shore oil and gas-activities and CCS-activities, aquaculture-activities, large infrastructure projects etc.

Two tiered assessment

- Assessment of likely significant impacts on environmental factors identified in scoping procedure
- Assessment of likely significant impacts on achieving environmental objectives set forth in other policies and plans

Basis for the assessment of impacts

- > The environmental assessment is based on the scope provided for in the scoping procedure
- > The SEA report contains an account of the environmental status of the Danish jurisdiction at sea,
 - > Primarily based on existing data from national monitoring programs as well as scientific-analyses and objectives in Natura 2000 plans and objectives set forth in river basin management plans, and the Danish Marine Strategy.
 - > The individual assessment of impacts are also based on scientific sources

Assessment of the likely significant impacts



Assessment is carried out on the aggregated level applied in the MSP



Overall conclusion:

- x The designation of activity zones contributes to relieving the non-designated parts of the sea from activities
- x The SEA report provides a vast bulk of information on potential environmental conflicts that must be handled in the future



The adoption of MSP does not in itself cause significant impacts on the marine environment

Ecosystem-based planning

The criteria and the adjoining results:

- › Apply best available knowledge and practice → applied to the extent possible
- › Application of a precautionary approach → N2000- and vulnerable areas freed from activities
- › Examination of alternative solutions in case of significant impacts → yes (in several iterations)
- › Identification of ecosystem services → was carried out as part of the design of the MSP
- › Minimization of negative impacts on environment → yes, applied where relevant
- › Understanding the relations between life and activities in and on the sea → interplay is part of the MSP
- › Inclusion of organizations and citizens → yes, several formal and informal workshops carried out
- › Subsidiarity and coherence → MSP was drawn up on the basis of MSPs in neighboring states
- › Adapting the MSP to the preliminary results of the SEA report → many iterations between MSP-design and draft SEA report

SEA → relationship to future projects

The MSP contains a planning framework for future project permit decision making procedures

- > The SEA report only accounts for the designation of activity zones and the extent to which these designations may have significant impacts on the marine environment

- > Attention was directed at:
 - > Avoid designation of zones, where the purpose of the designation may in itself cause significant impacts
 - > Make designation large enough to enabling location of activities within designated zones without causing significant impacts
 - > Ensure that cumulative impacts across designations were identified and assessed
 - > Contribute information about specific vulnerabilities and other issues within designated zones

- > Whether a specific activity may be implemented within designated zones must be managed in downstream sector planning and/or permit application procedures (EIA's, N2000 assessment etc.)

Assessment under the Habitats-Directive

- > Screening of impacts on N2000 → Appropriate Assessment procedure
- > Interplay between SEA and Appropriate Assessment
- > Protection of N2000-sites and Annex IV species

- > Results of the Appropriate Assessment → finding of no significant impact on the Natura 2000 sites → but only after several iterations with draft MSP-designs



Kilde: Danmarks
Naturfredningsforening

Cross –border impacts - highlights



SEA report: identified several potential cross-border issues

- Primarily the vulnerability of the Baltic Sea in light of the designation of a number of zones for renewable energy in neighbouring states



Appropriate assessment: identified a potential problem related to the harbour porpoise in the Baltic Sea

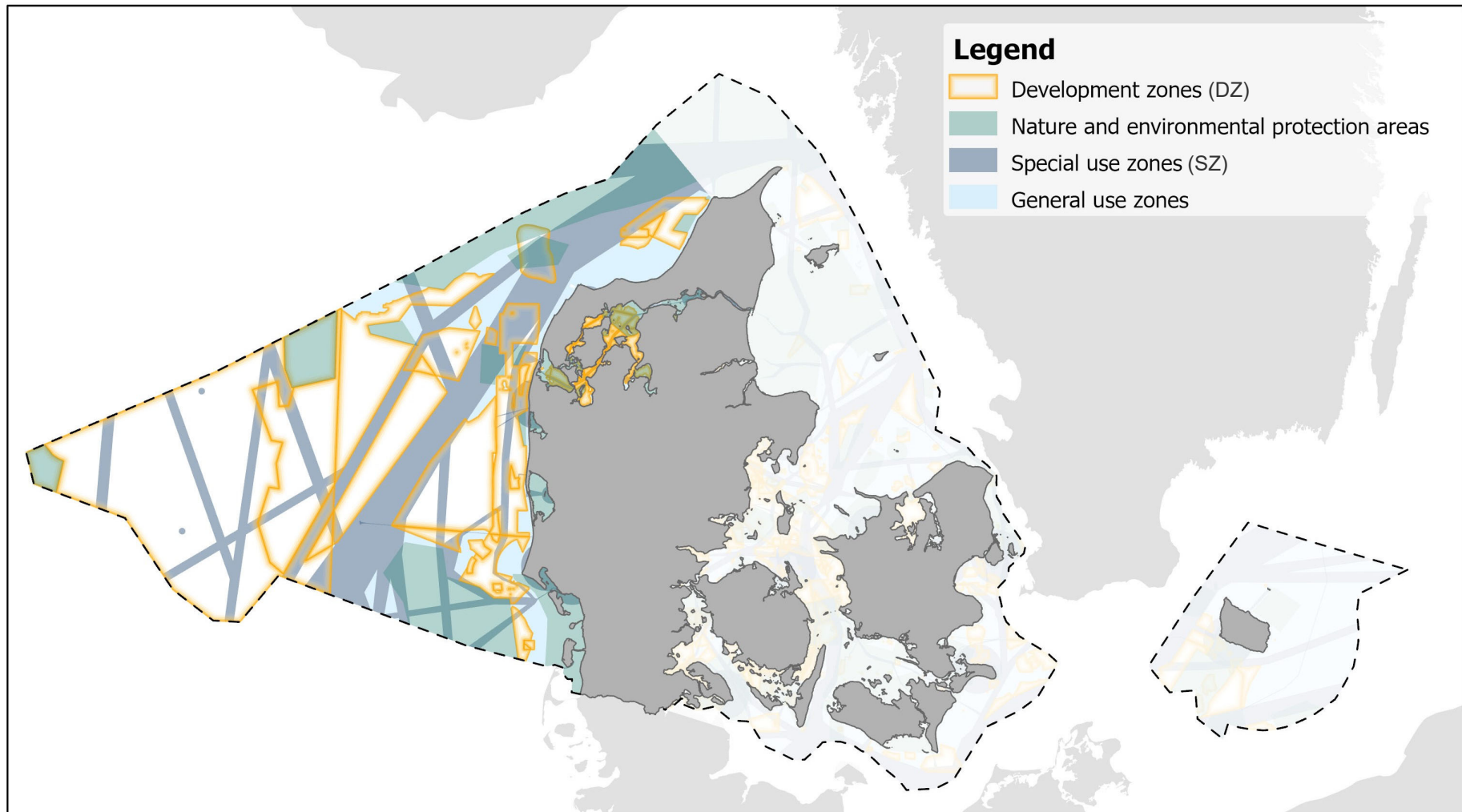


Mitigation → problem should be managed through a coordinated and careful process for permitting renewable energy infrastructures around Bornholm

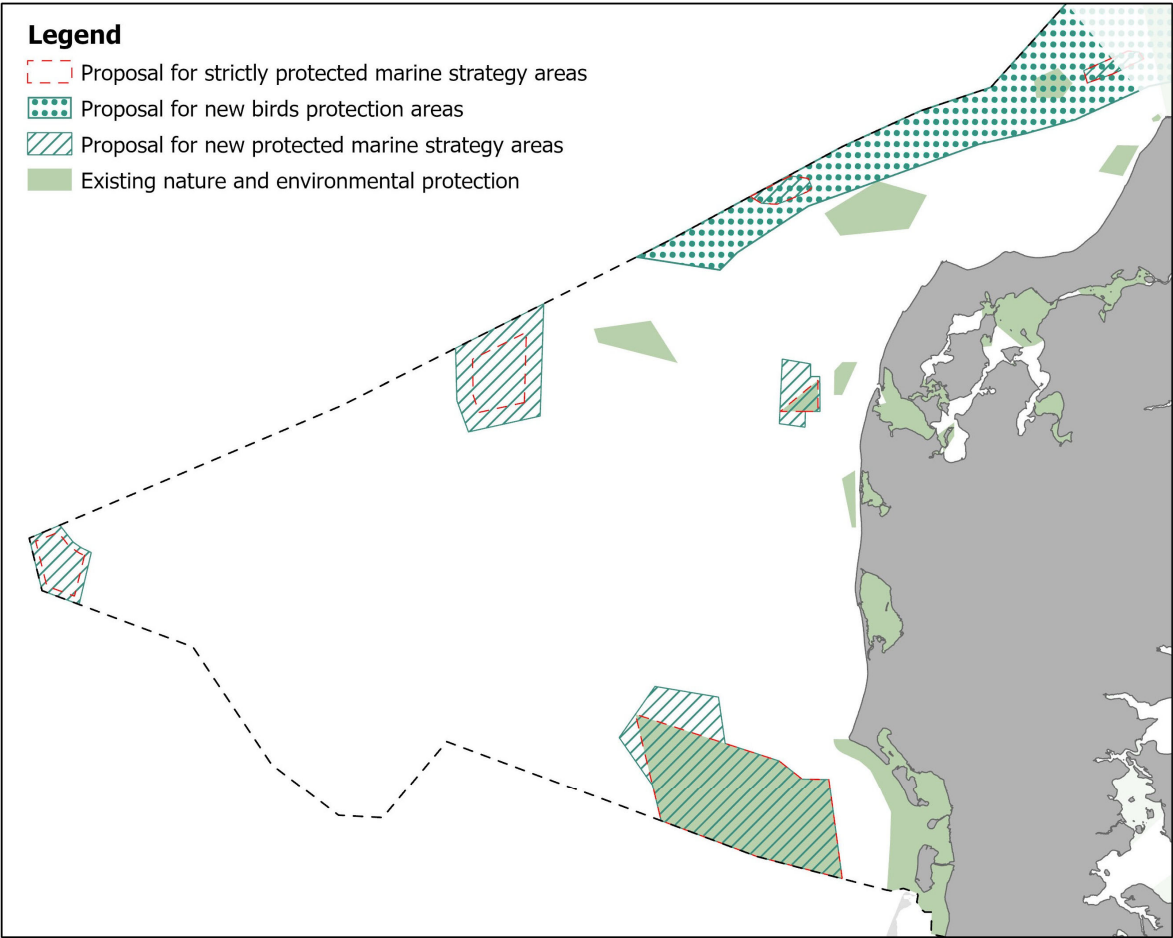
Cross-border impact report available on:
www.havplan.dk



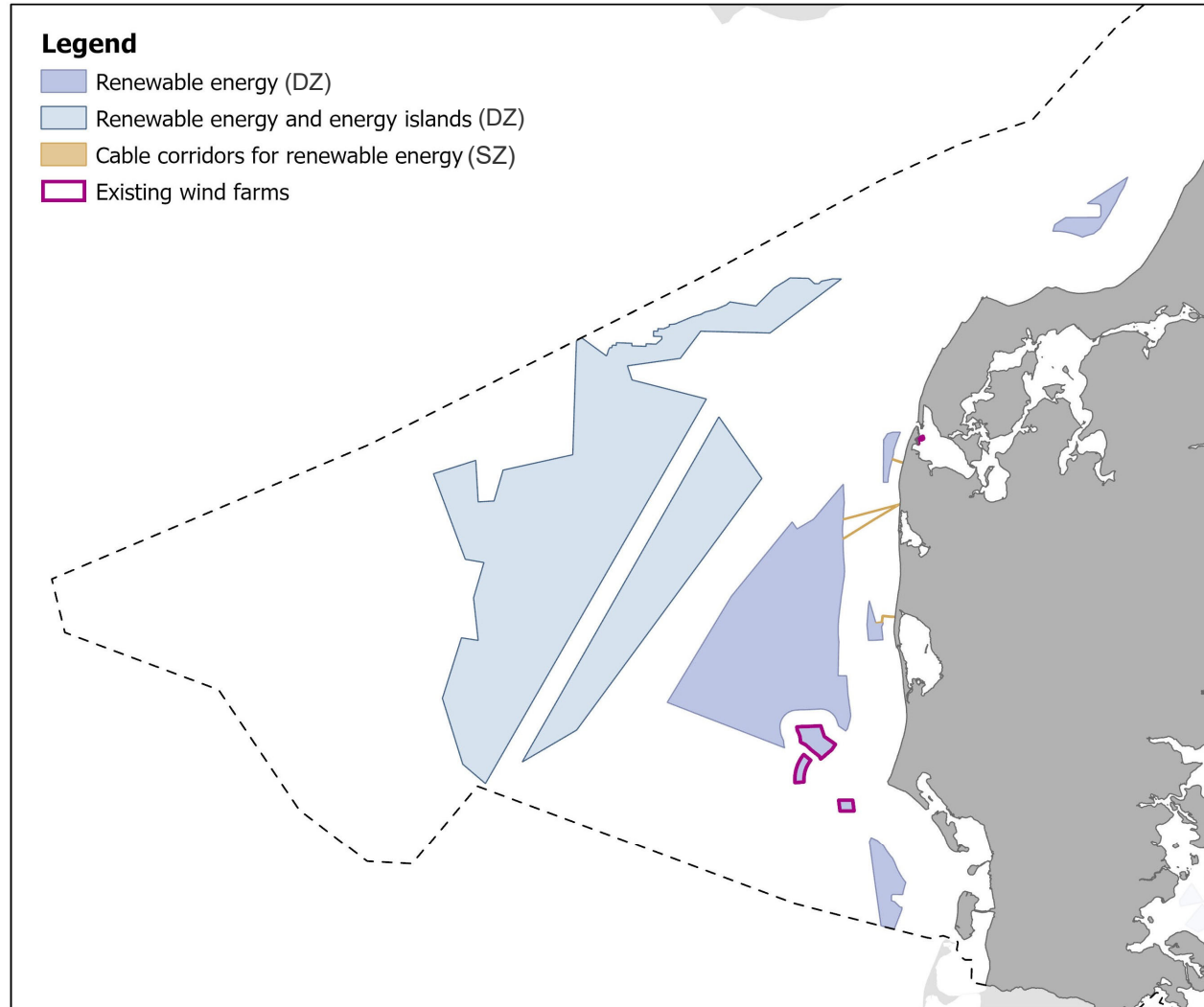
NORTH SEA



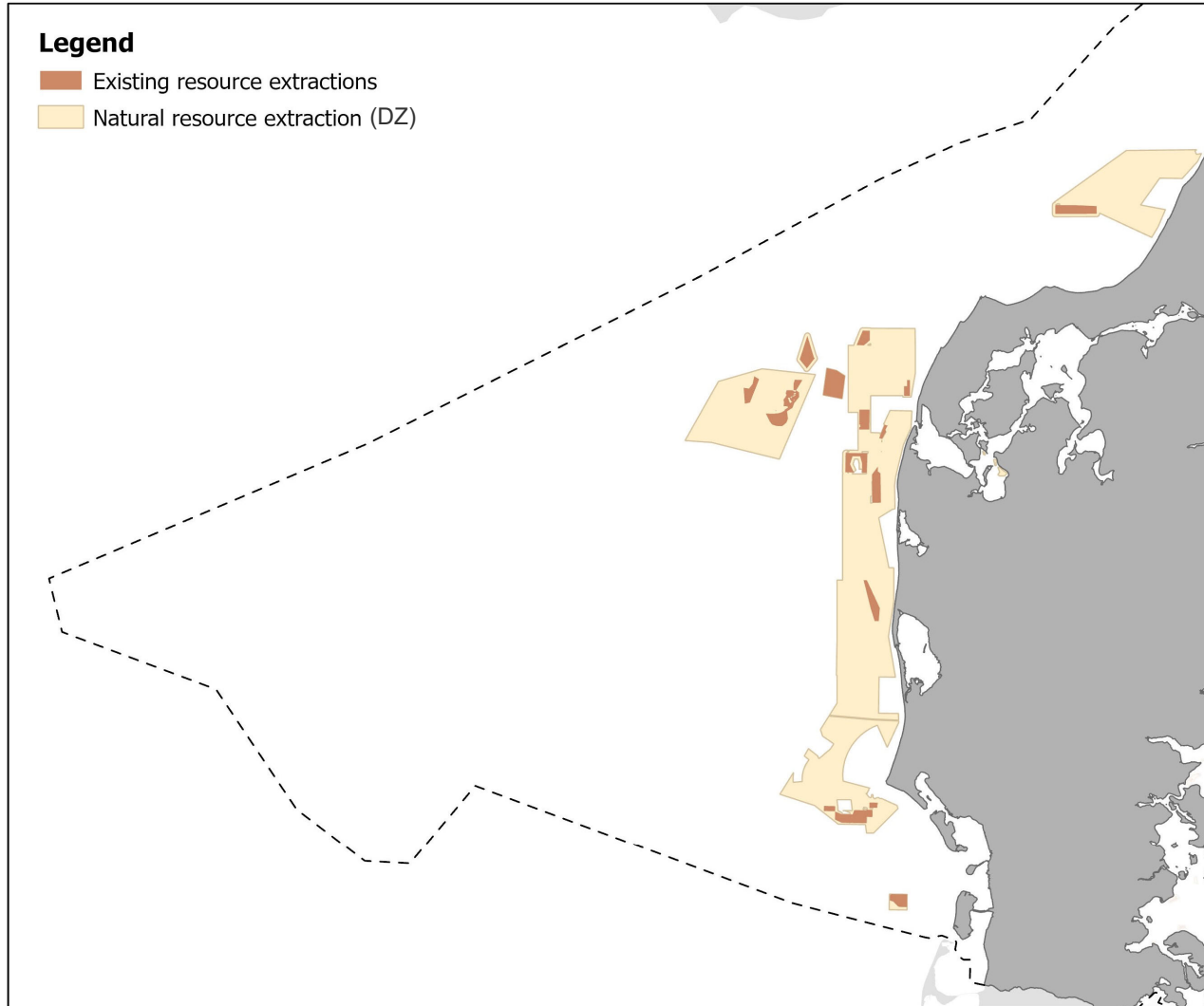
NATURE CONSERVATION AND ENVIRONMENTAL PROTECTION



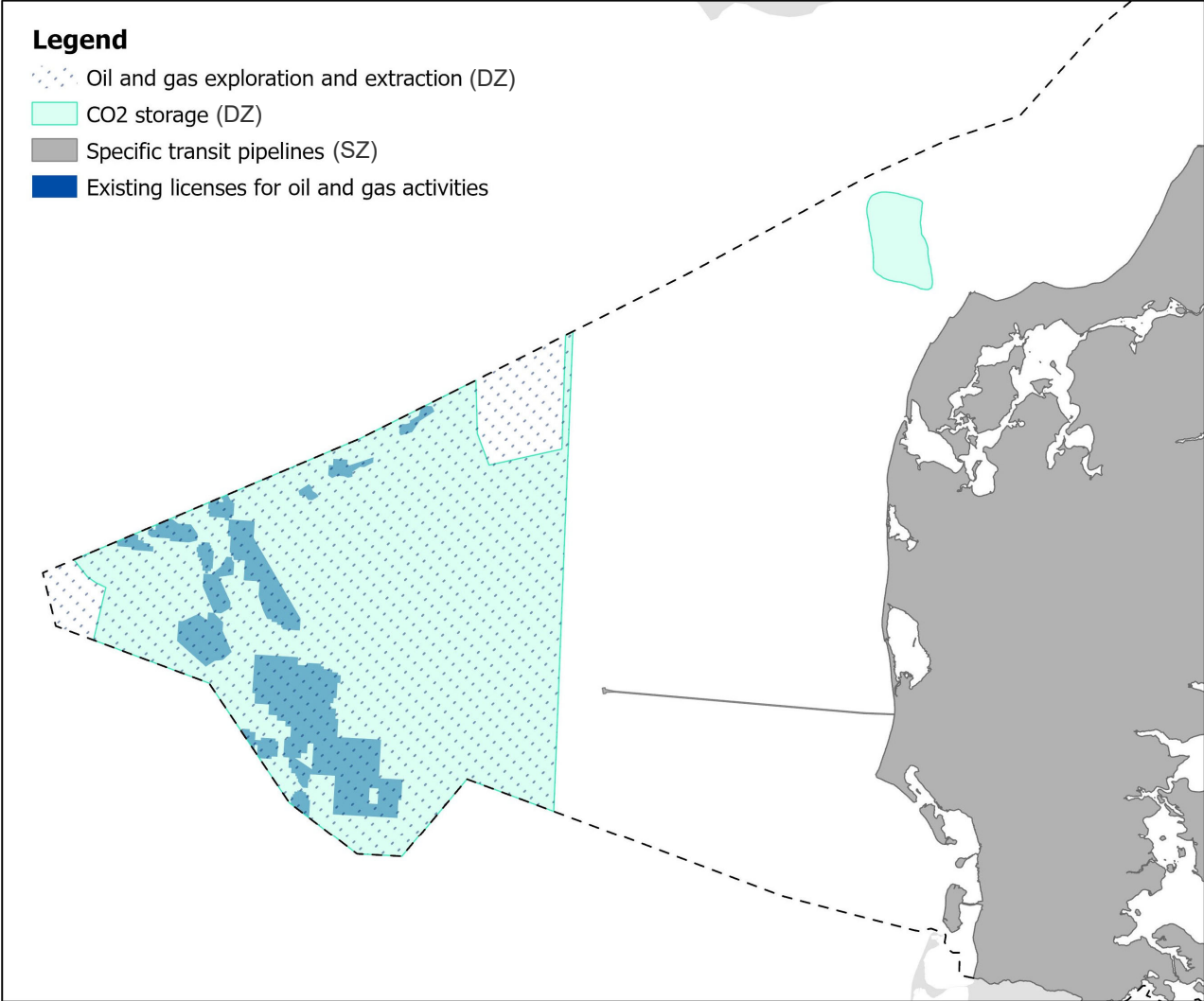
RENEWABLE ENERGY



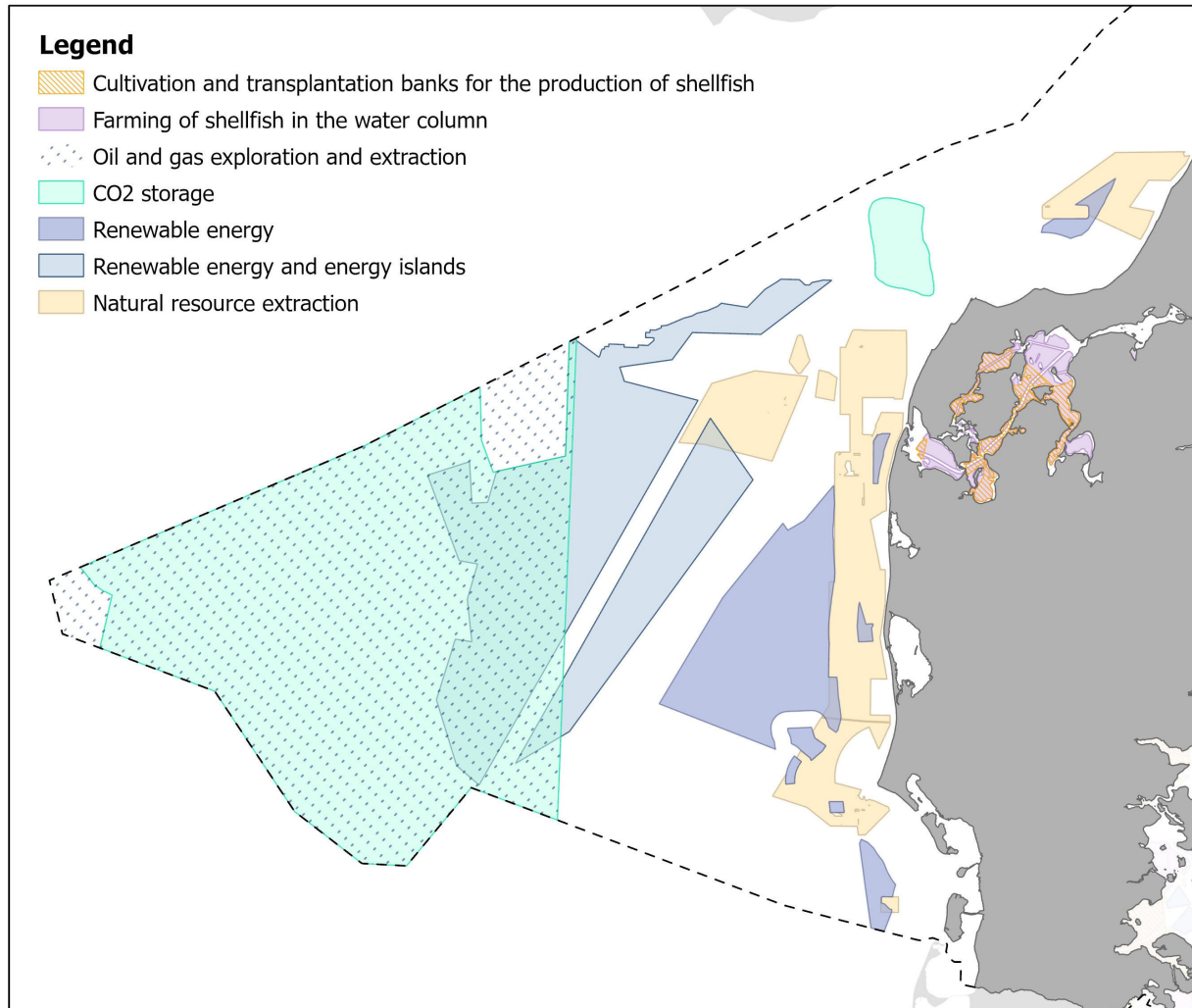
RESOURCE EXTRACTION



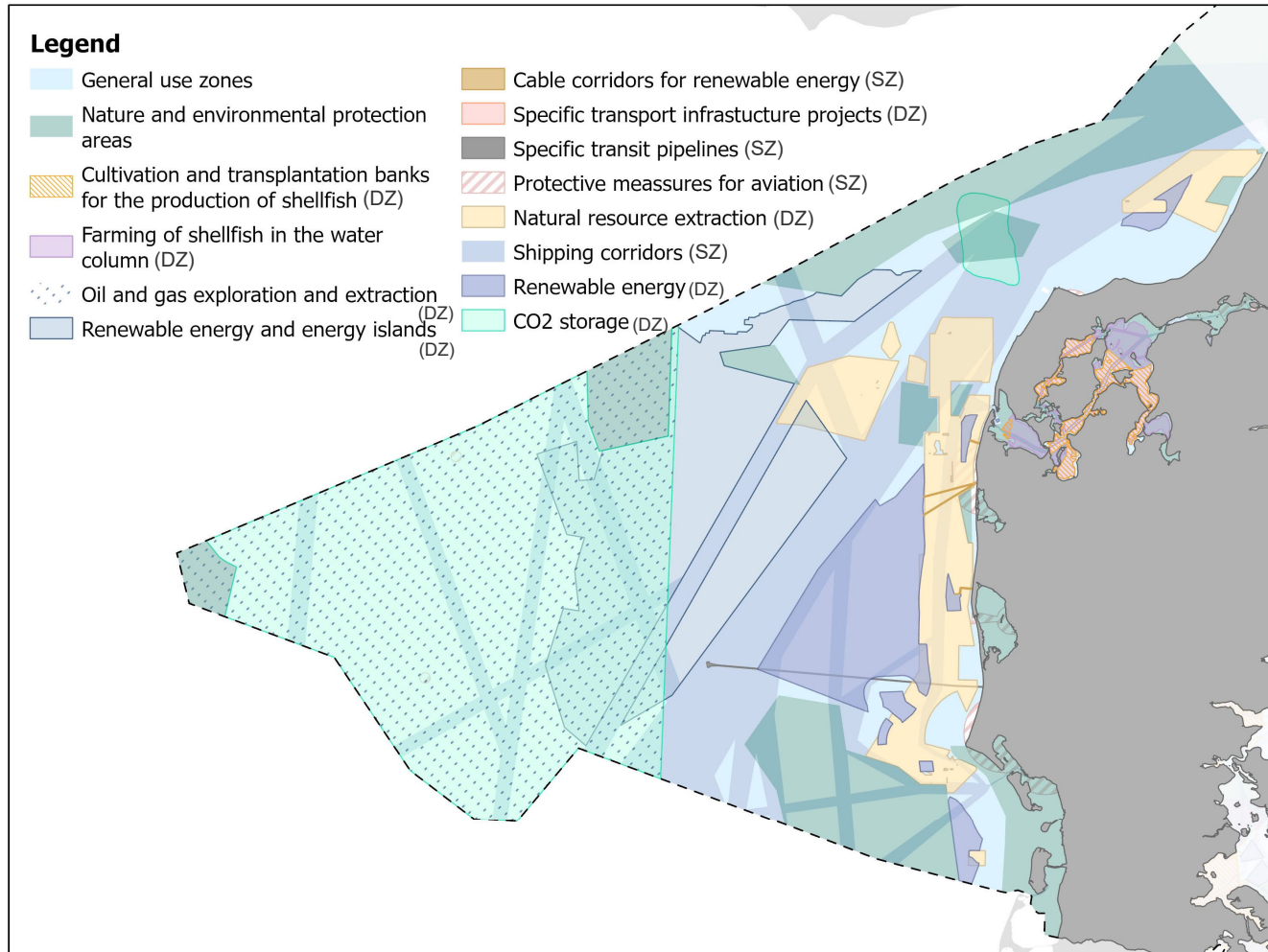
OIL AND GAS ACTIVITIES AND CO₂ STORAGE



DEVELOPMENT ZONES - COMBINED



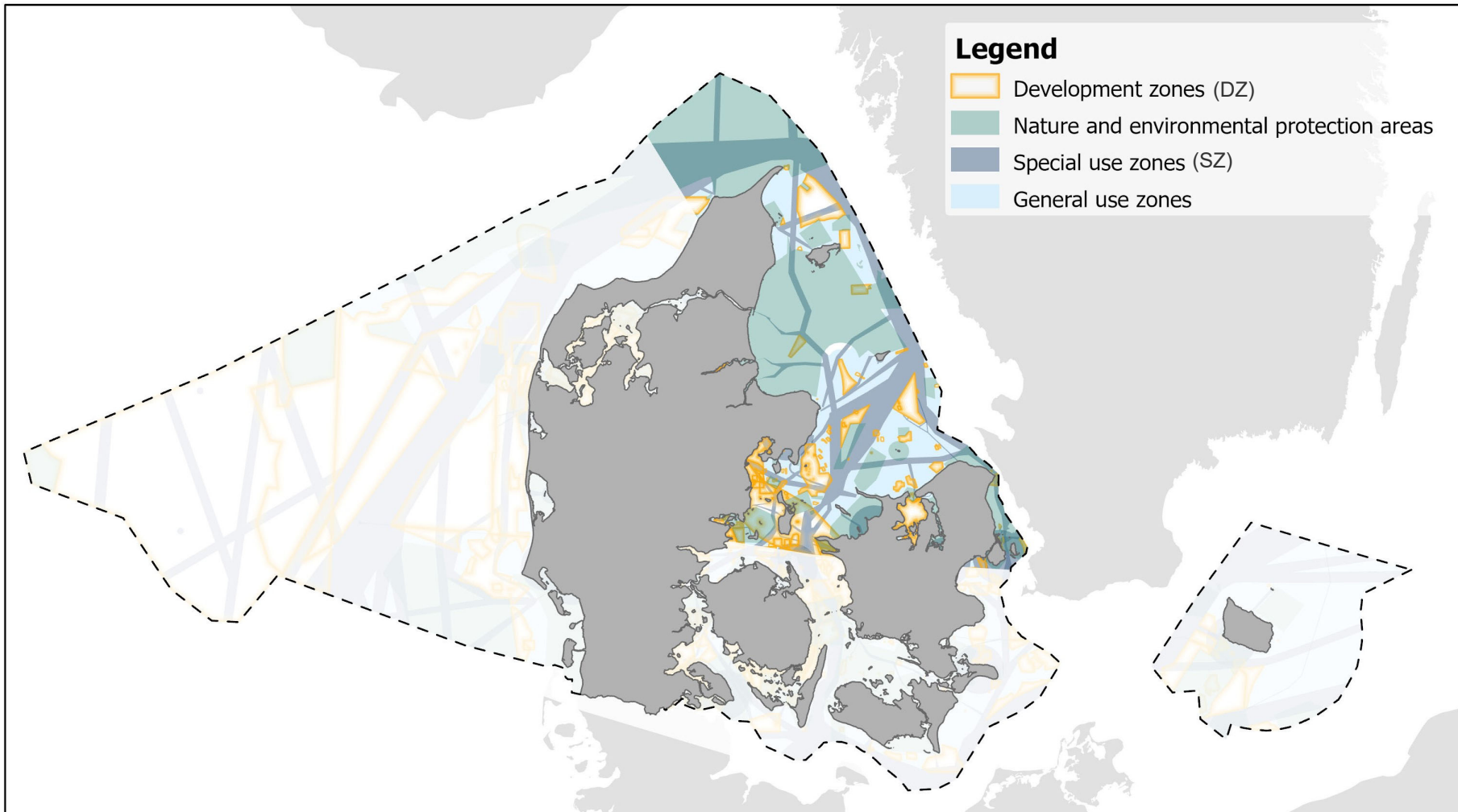
ALL ZONES



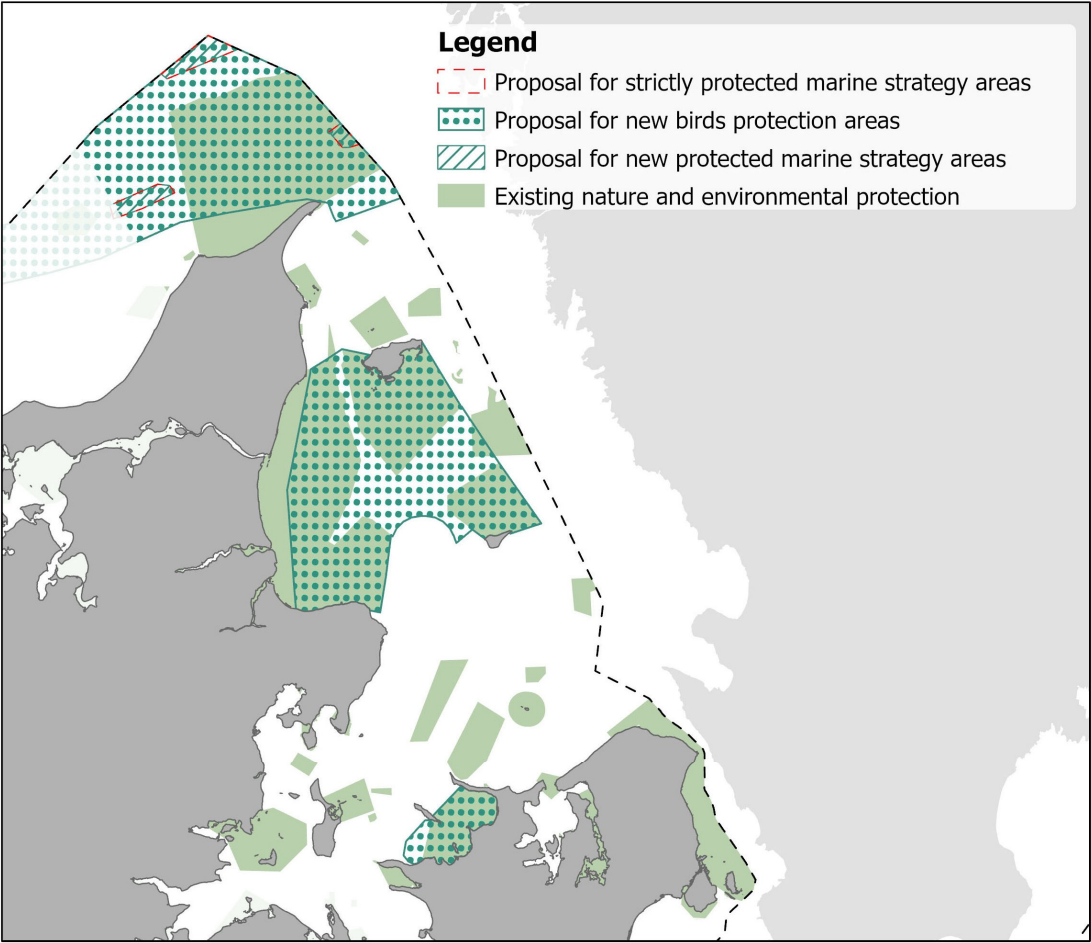


THANK YOU FOR THE
ATTENTION!

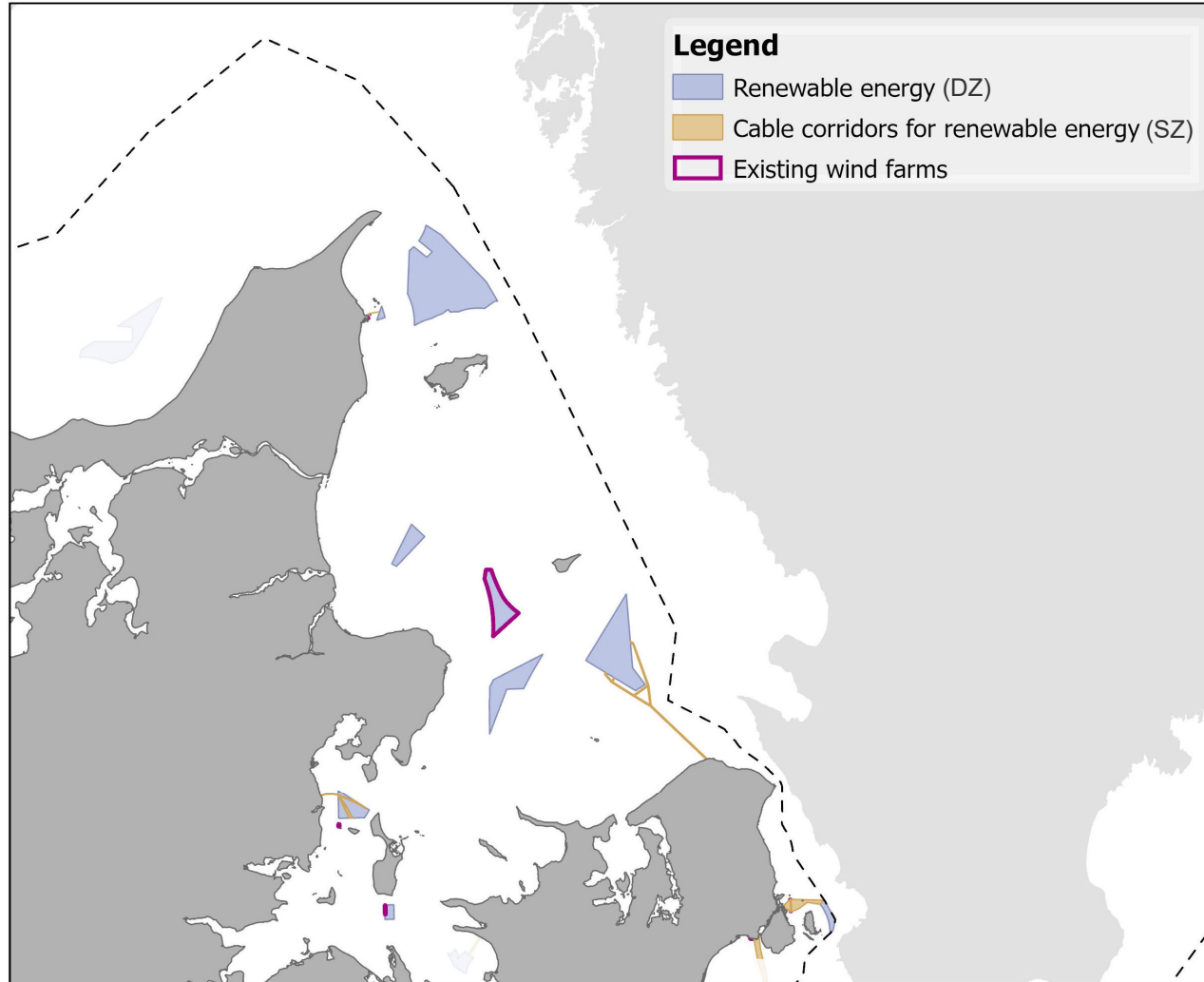
KATTEGAT



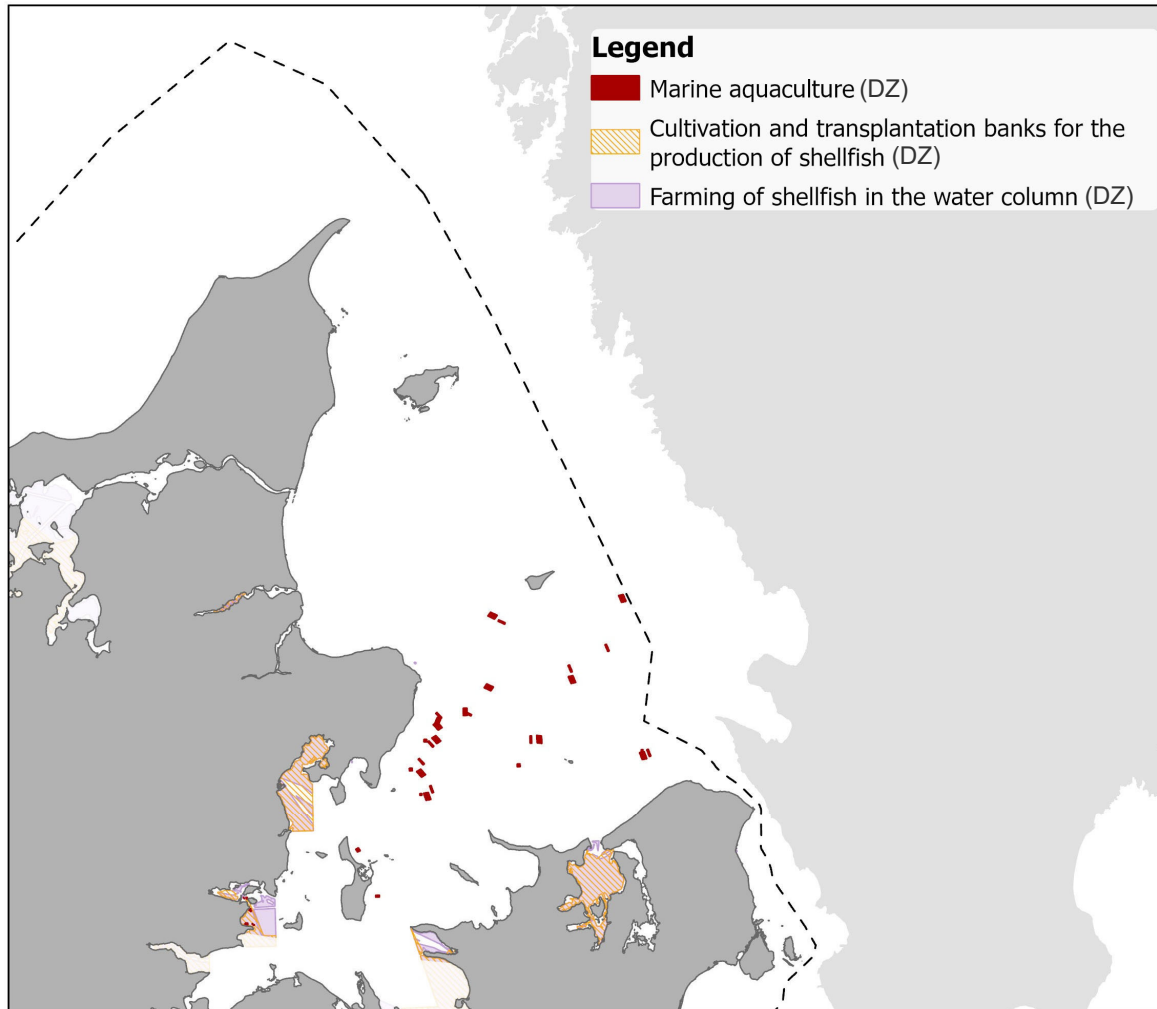
NATURE CONSERVATION AND ENVIRONMENTAL PROTECTION



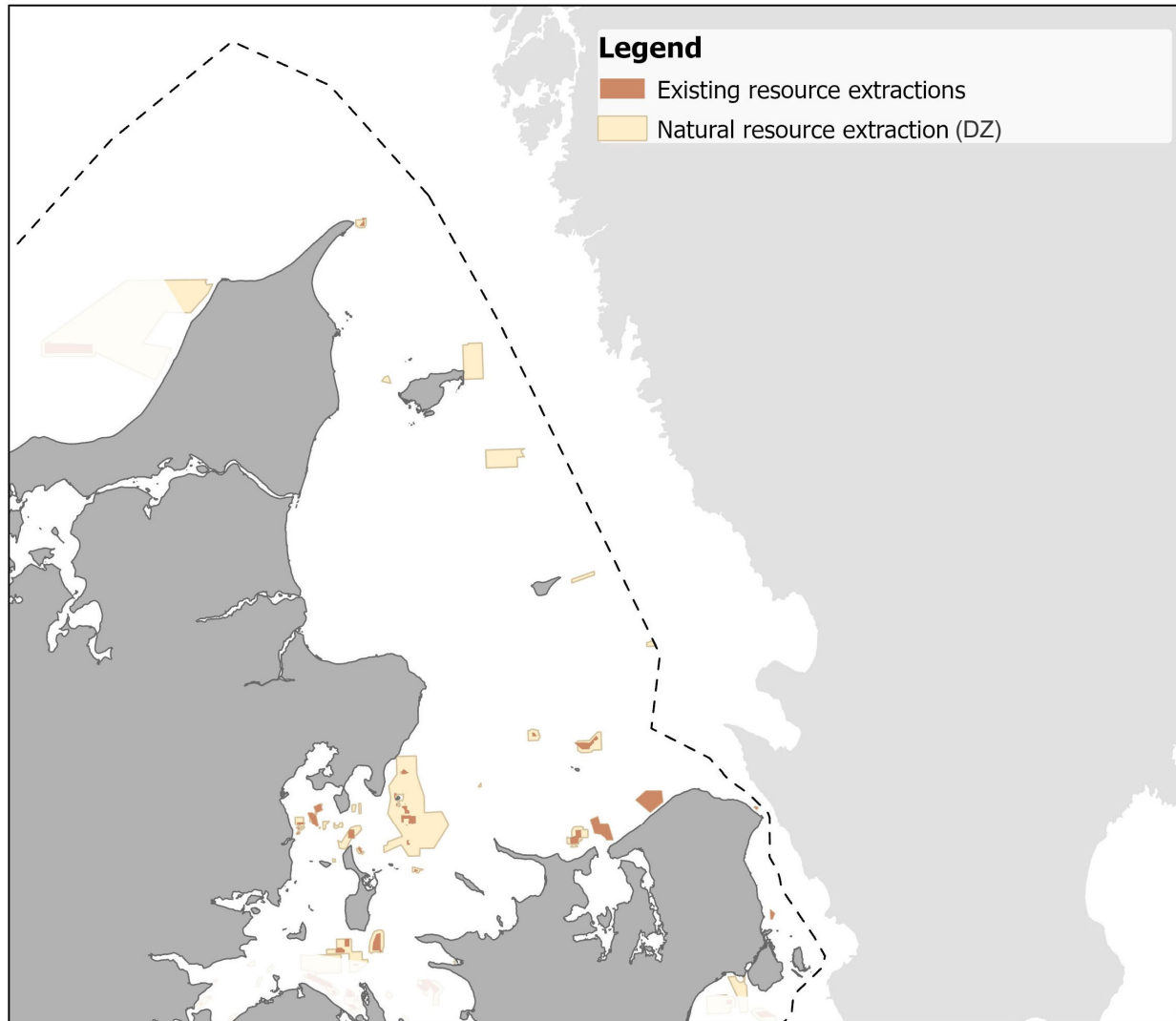
RENEWABLE ENERGY



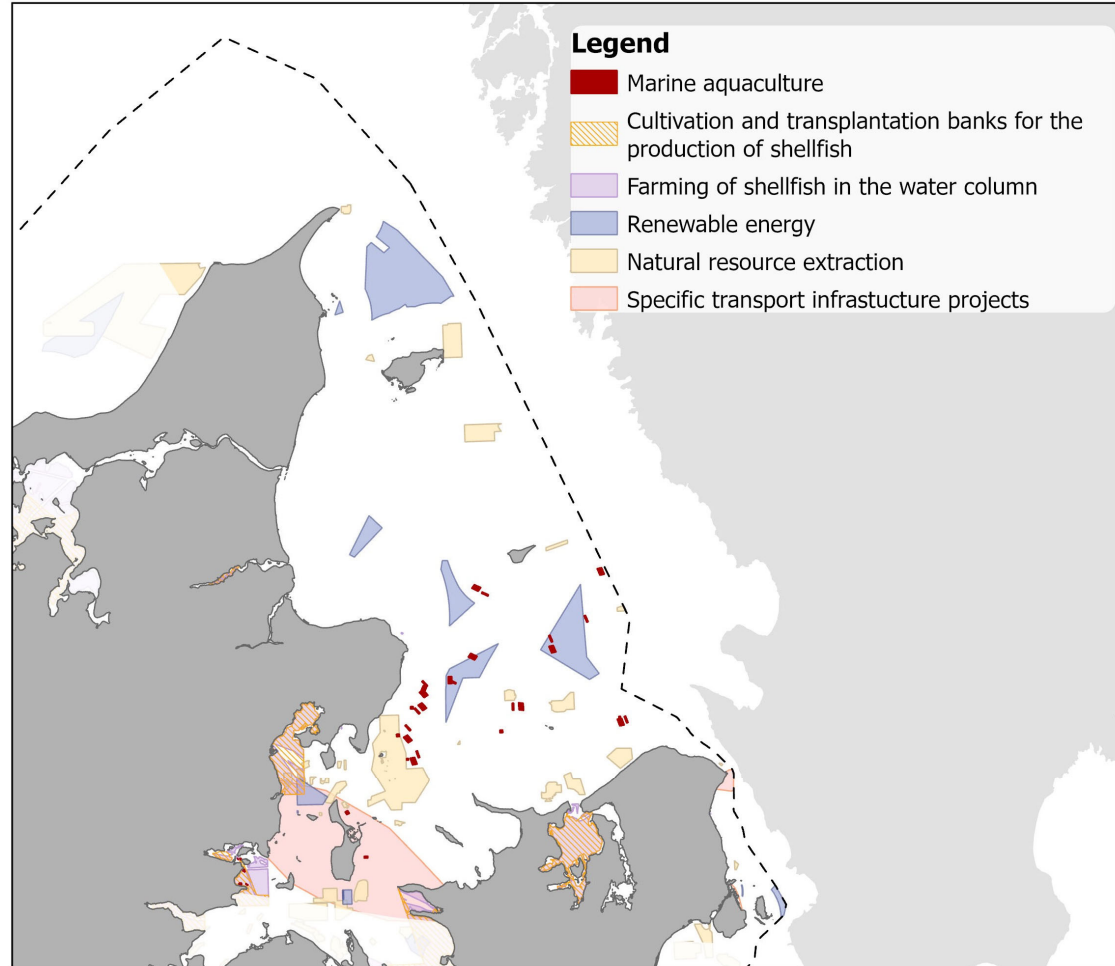
AQUACULTURE



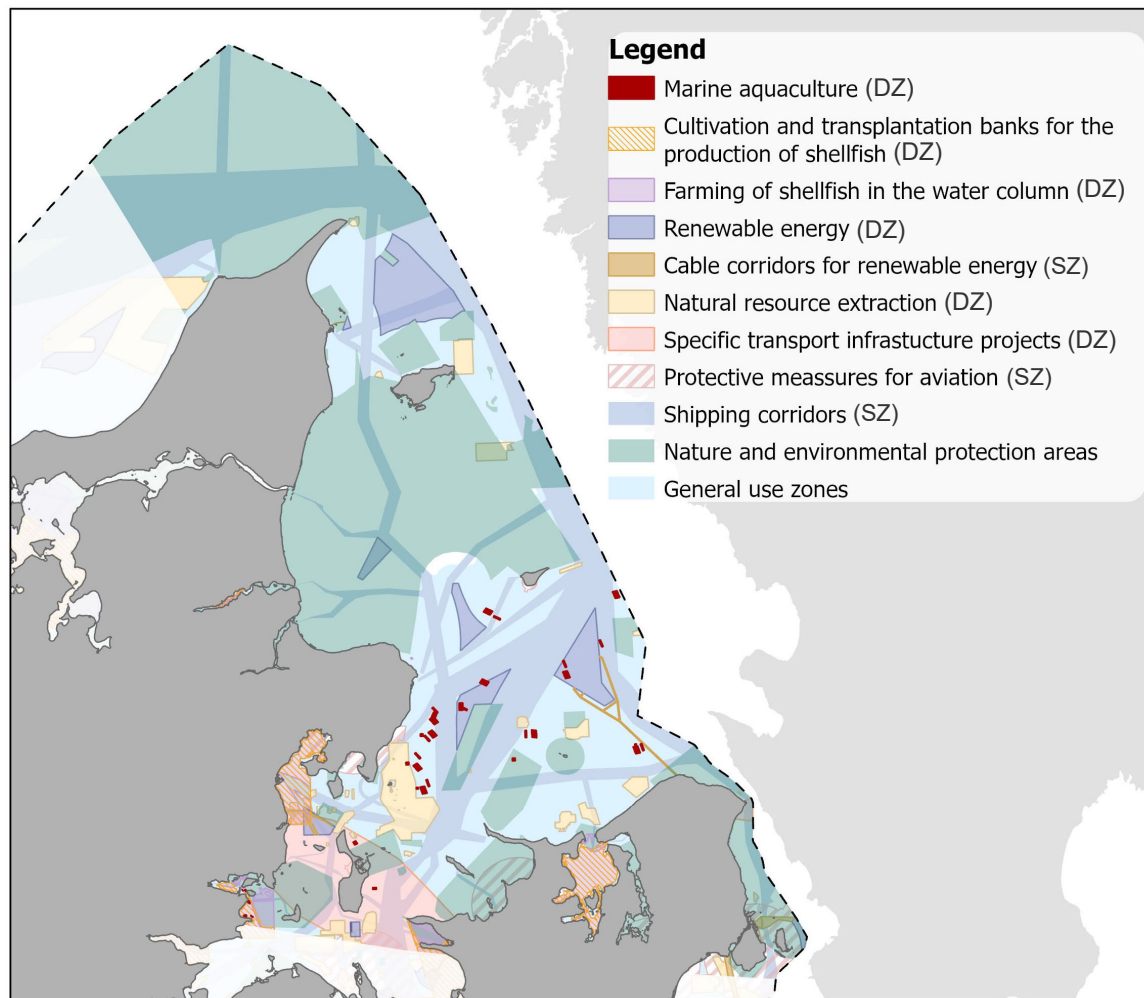
RESOURCE EXTRACTION



DEVELOPMENT ZONES - COMBINED



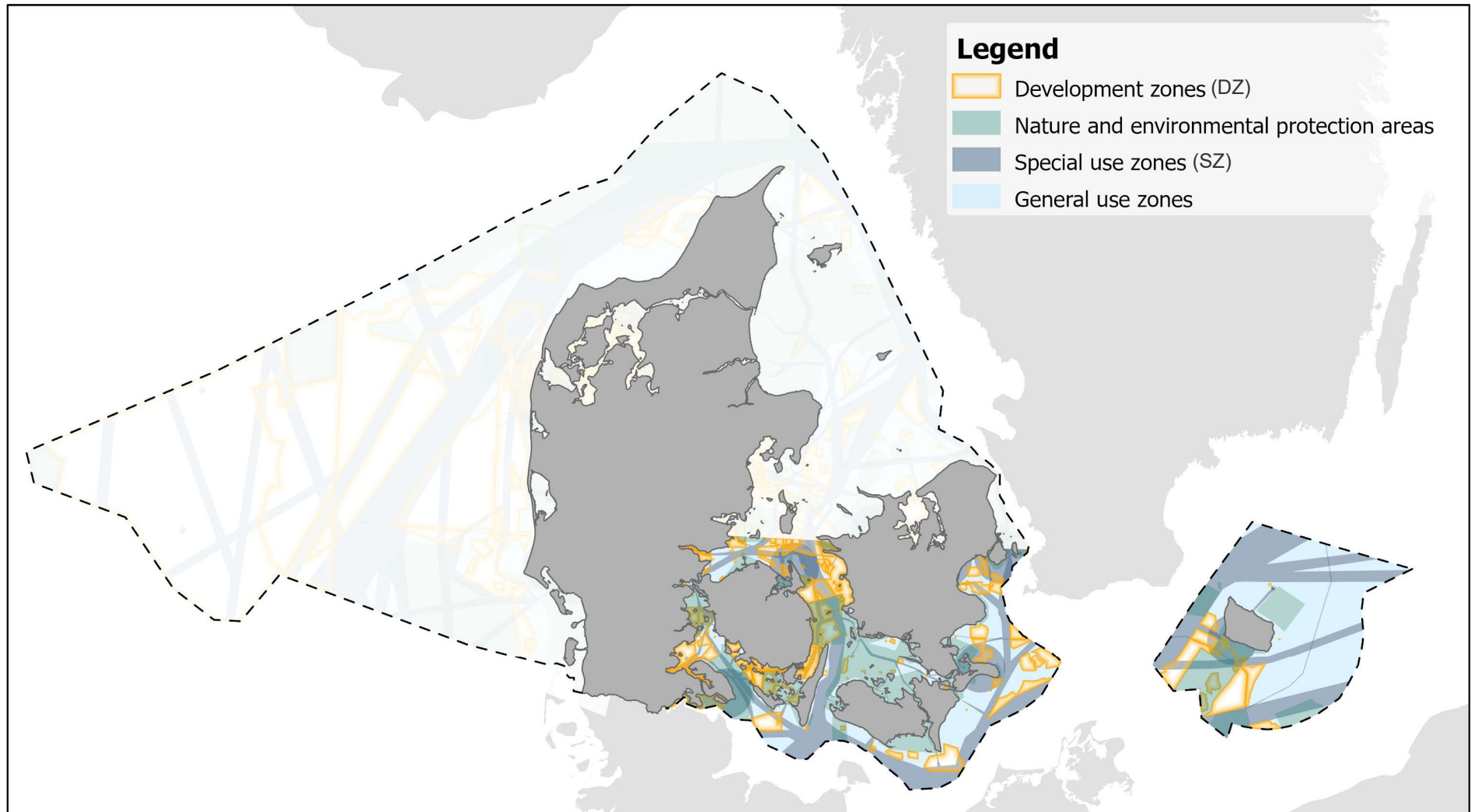
ALL ZONES



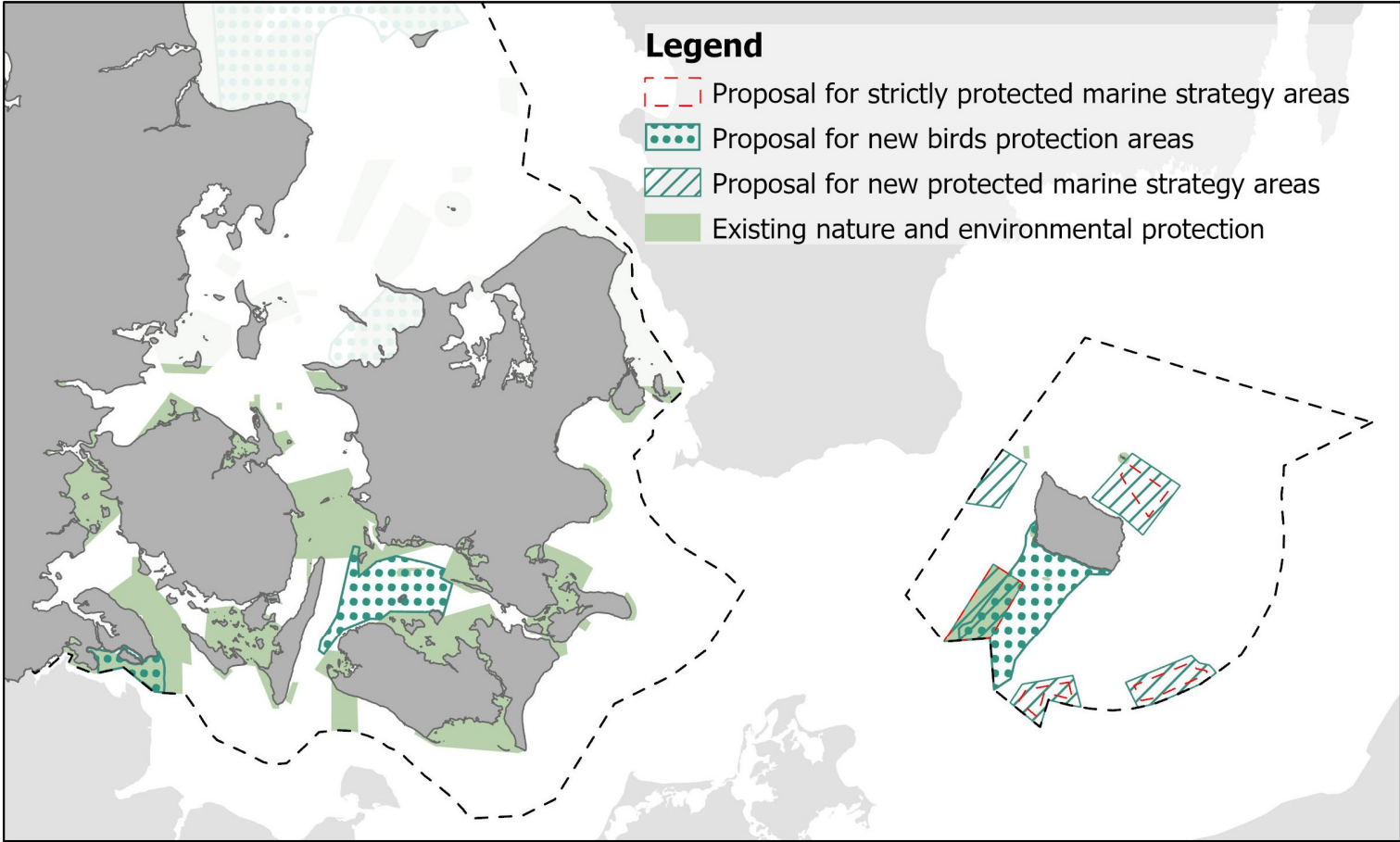


THANK YOU FOR THE
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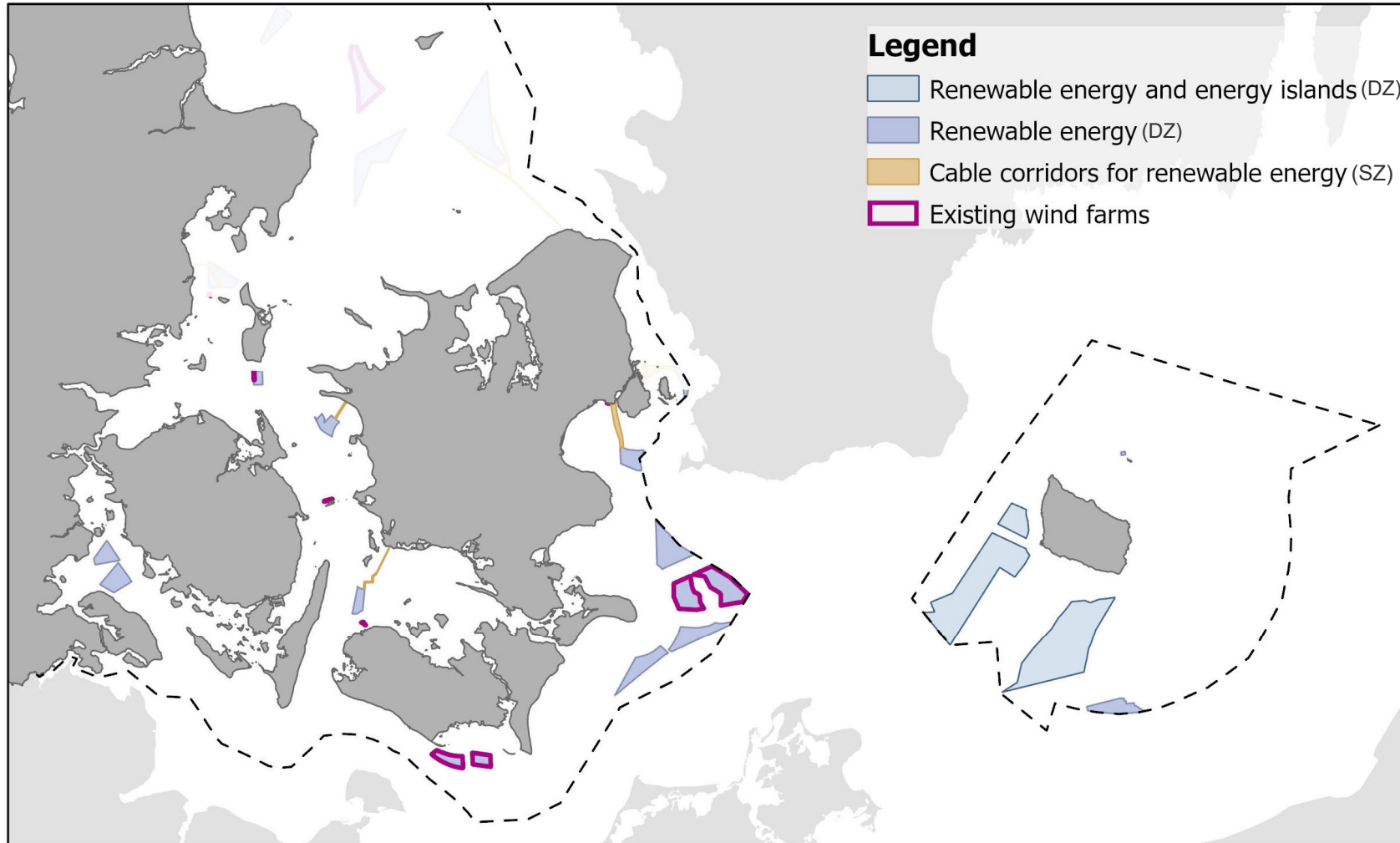
BALTIC AND BELT SEA



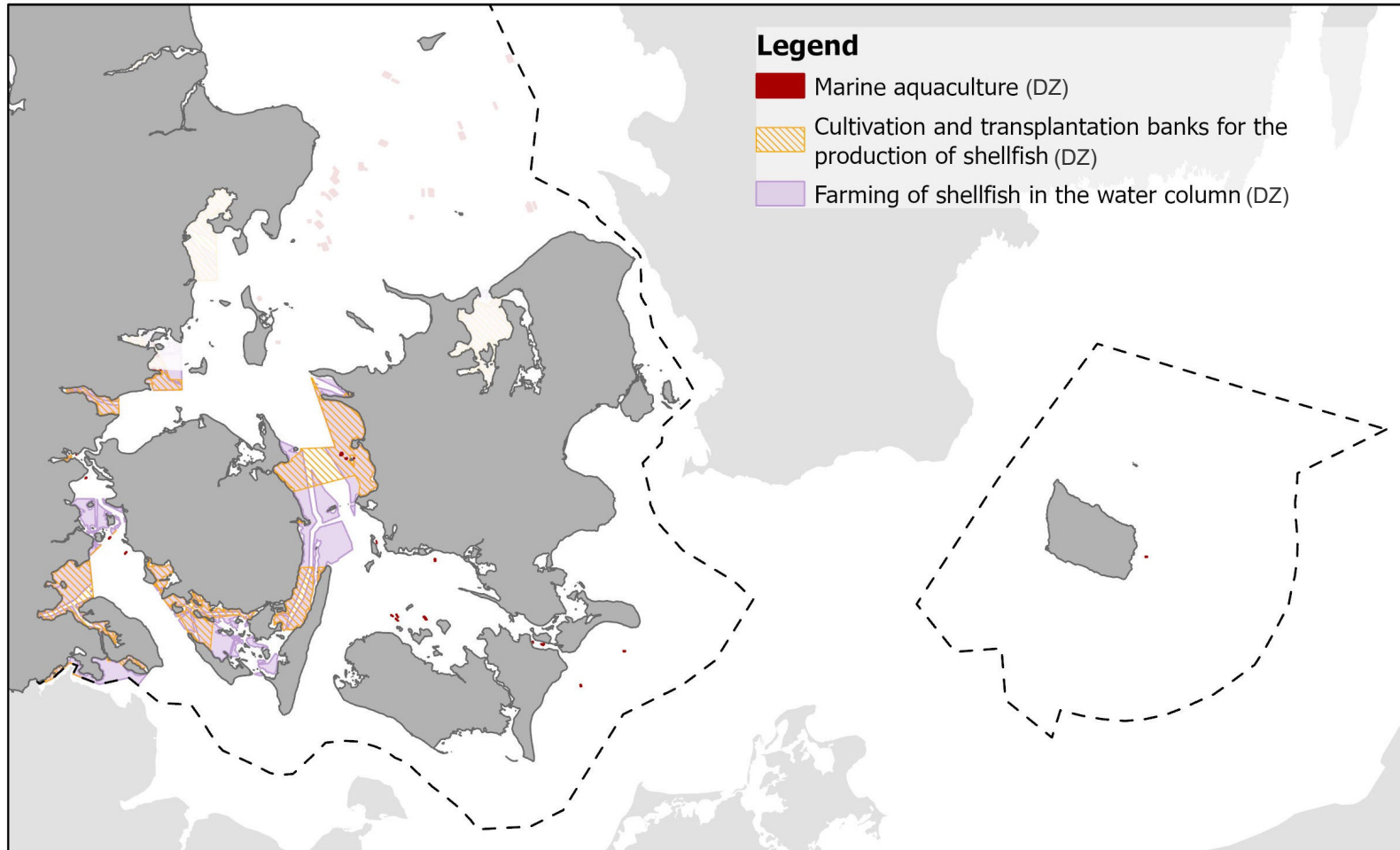
NATURE CONSERVATION AND ENVIRONMENTAL PROTECTION



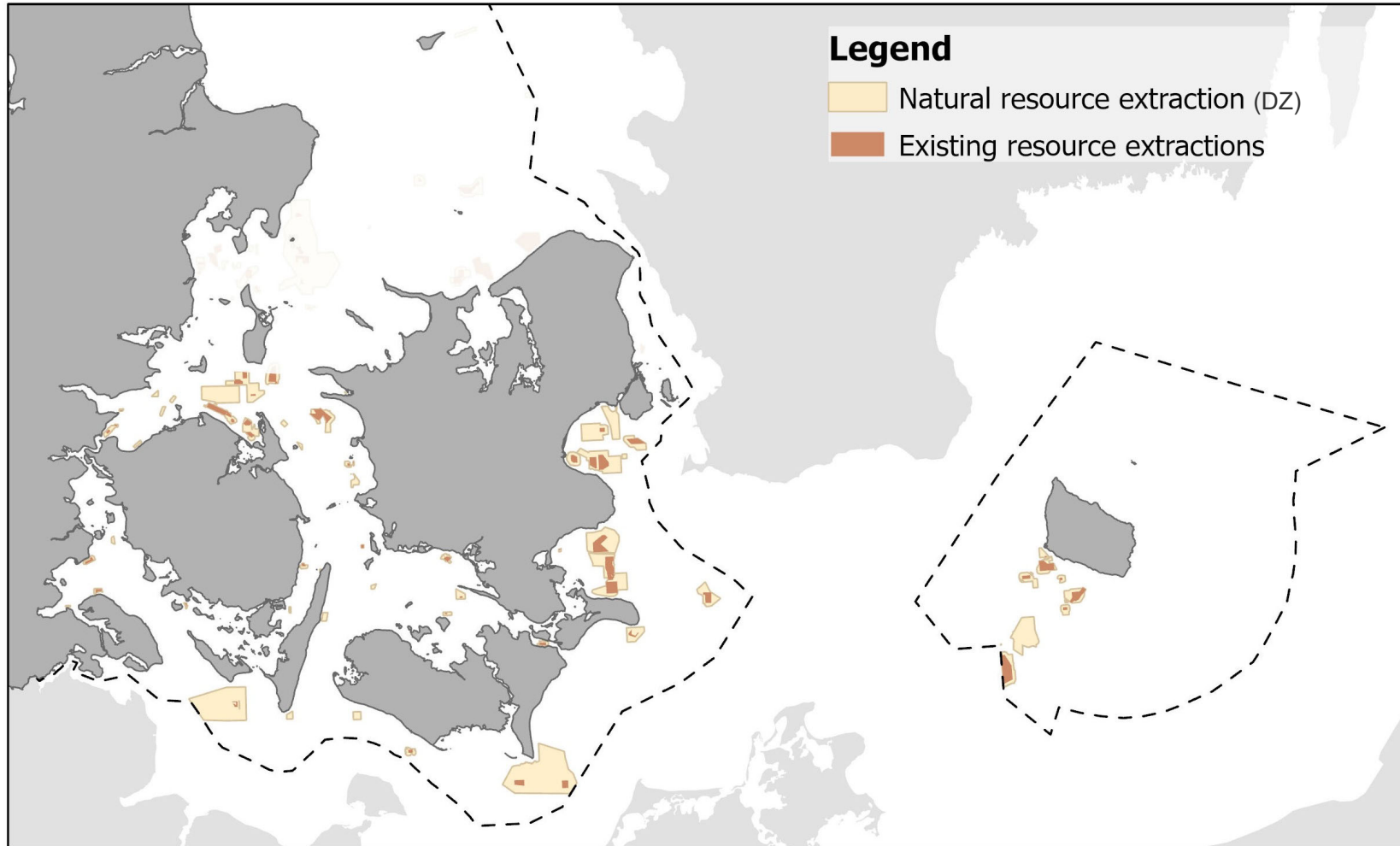
RENEWABLE ENERGY



AQUACULTURE

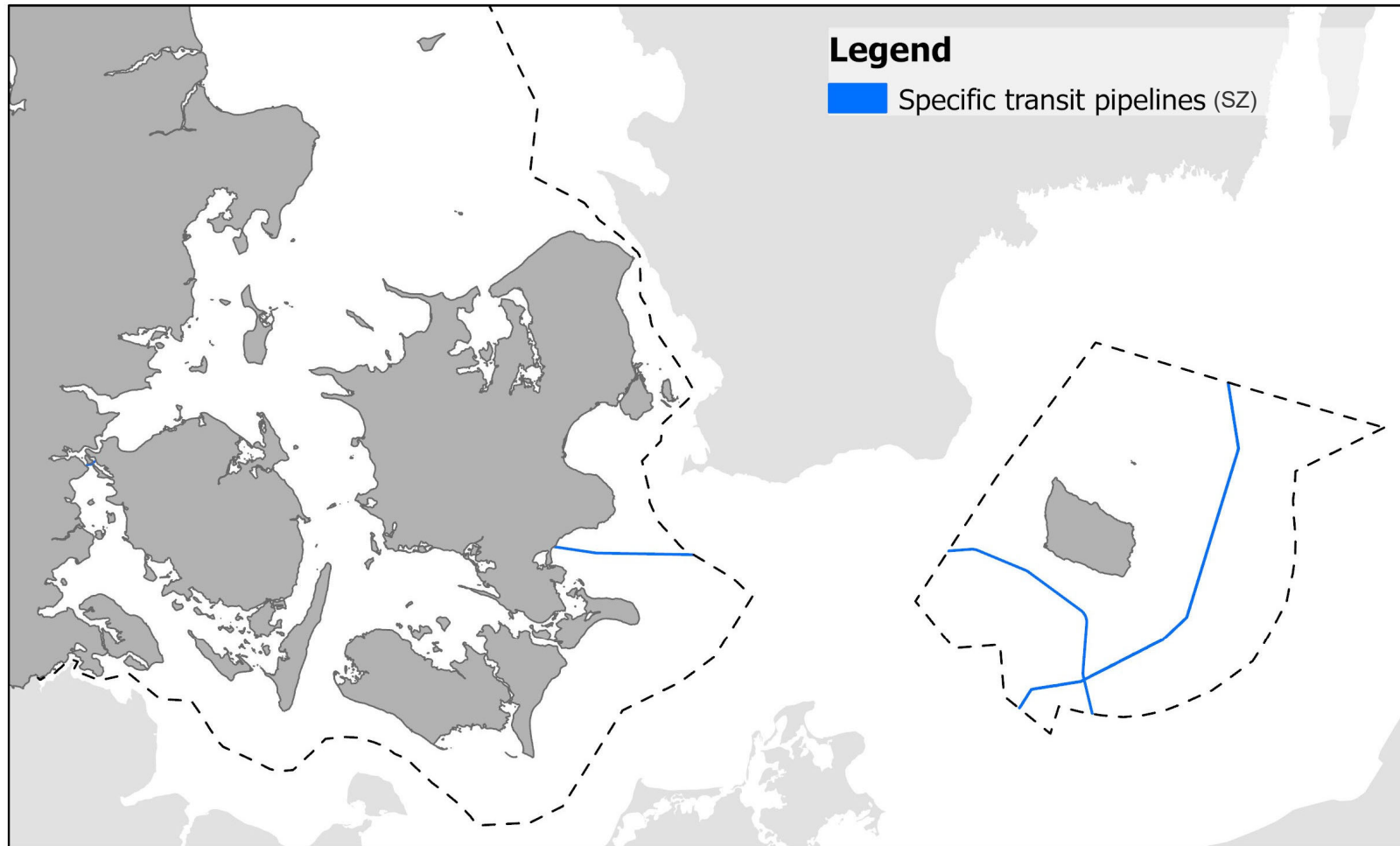


RESOURCE EXTRACTION

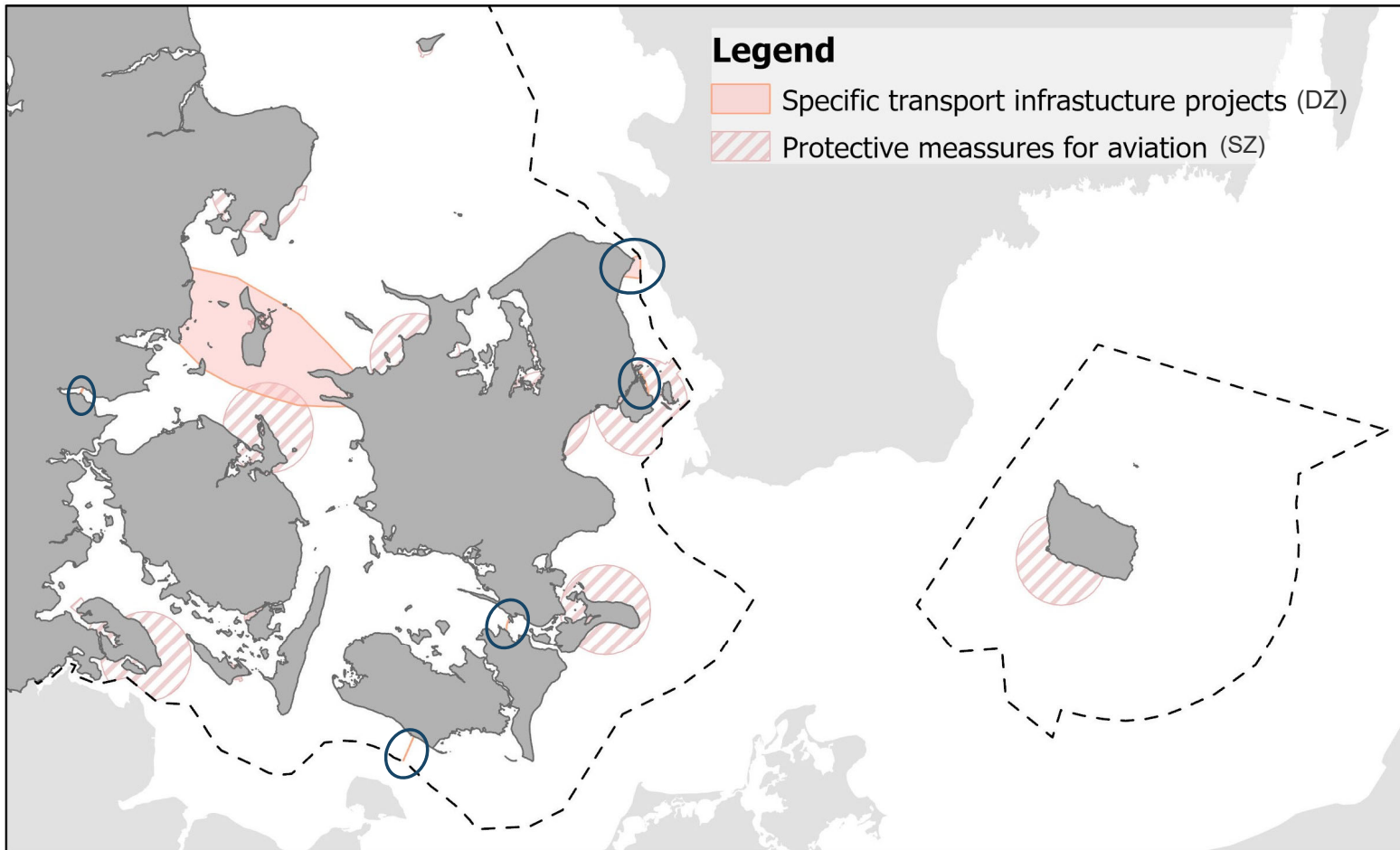


OIL AND GAS ACTIVITIES

- TRANSIT CORRIDORS -



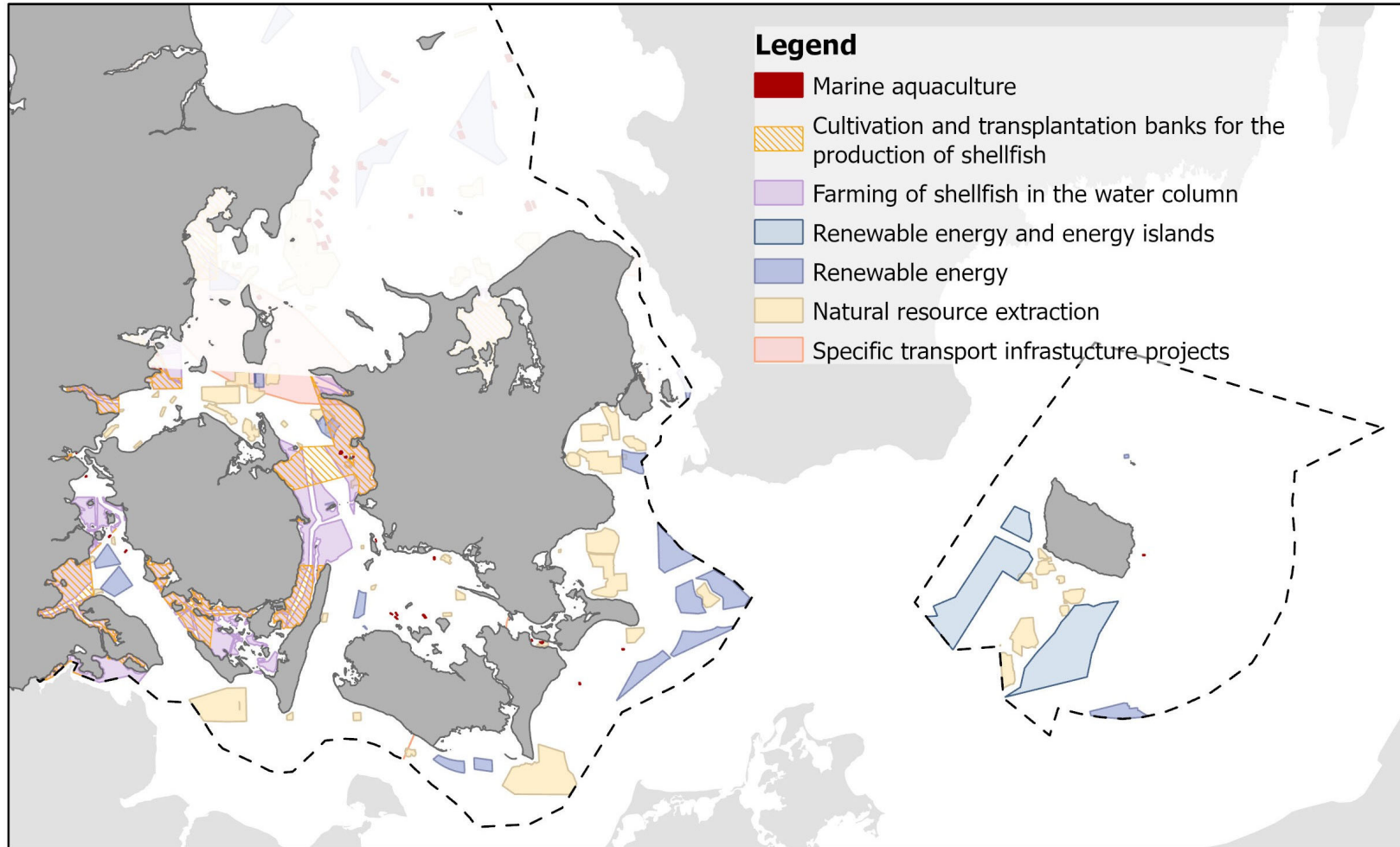
INFRASTRUKTURE



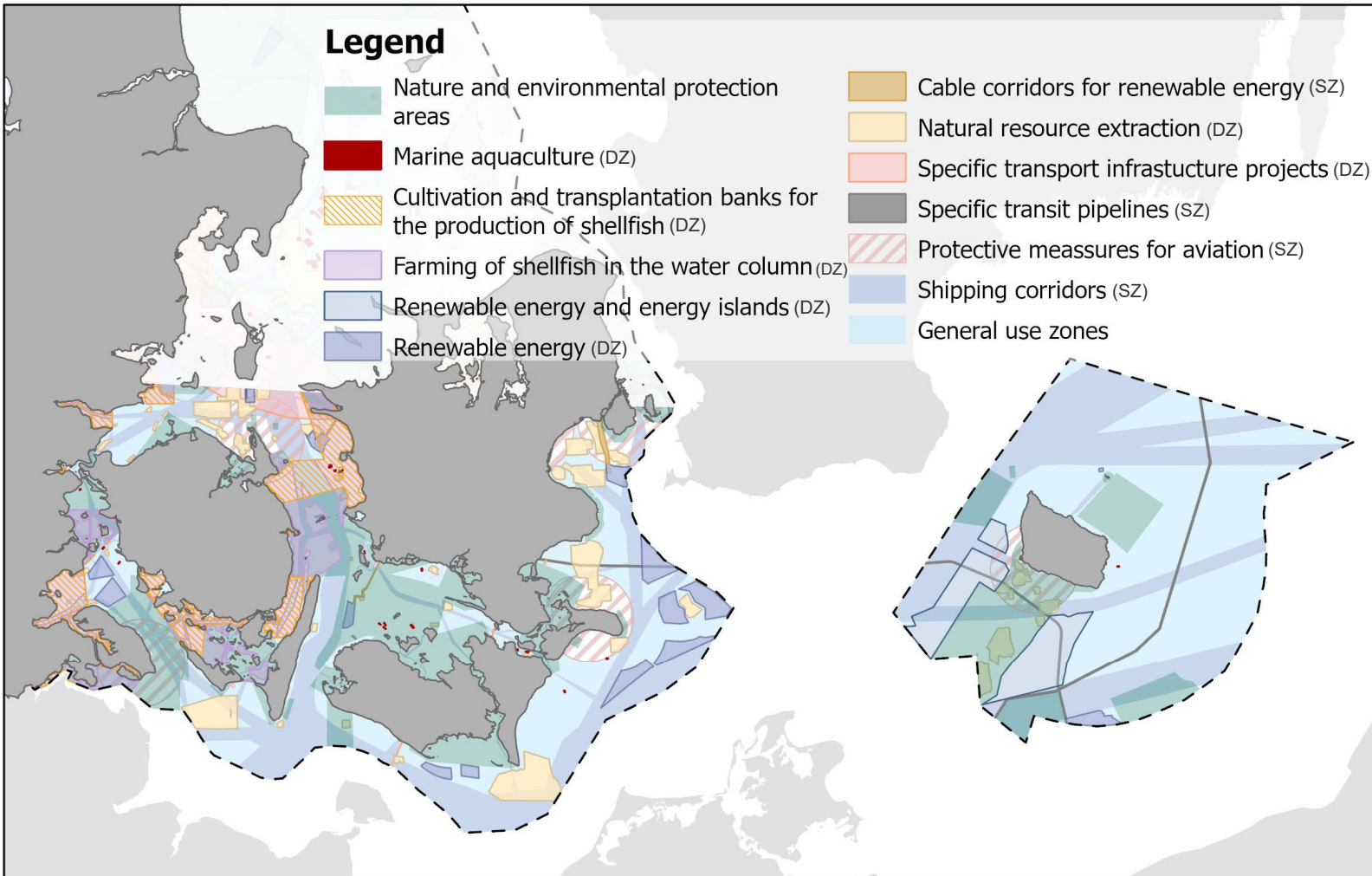
Projects:

- New Kattegat Link
- New Femern Link
- New Vejle Fjord Link
- New Helsingør-Helsingborg Link
- New Eastern Ring Road
- New North Harbour Tunnel
- New Storstrøm Link

DEVELOPMENT ZONES - COMBINED



ALL ZONES

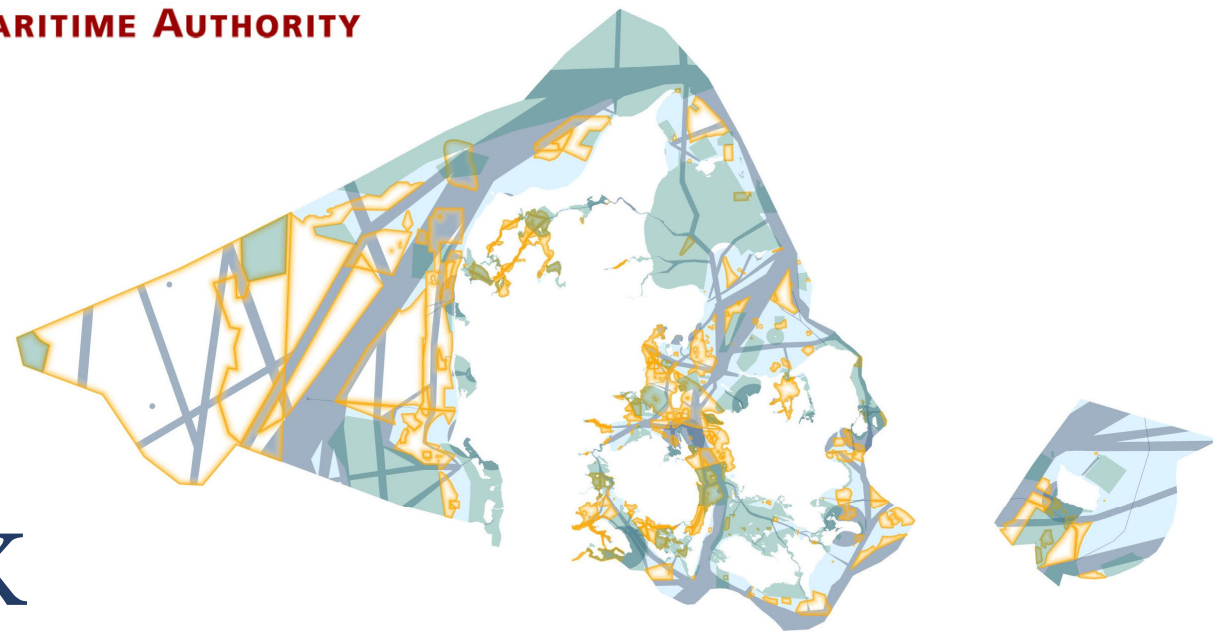




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DANISH MARITIME AUTHORITY



HAVPLAN.DK

- THE DIGITAL PLATFORM -

29th of June 2021 - Webex

A DIGITAL PLAN



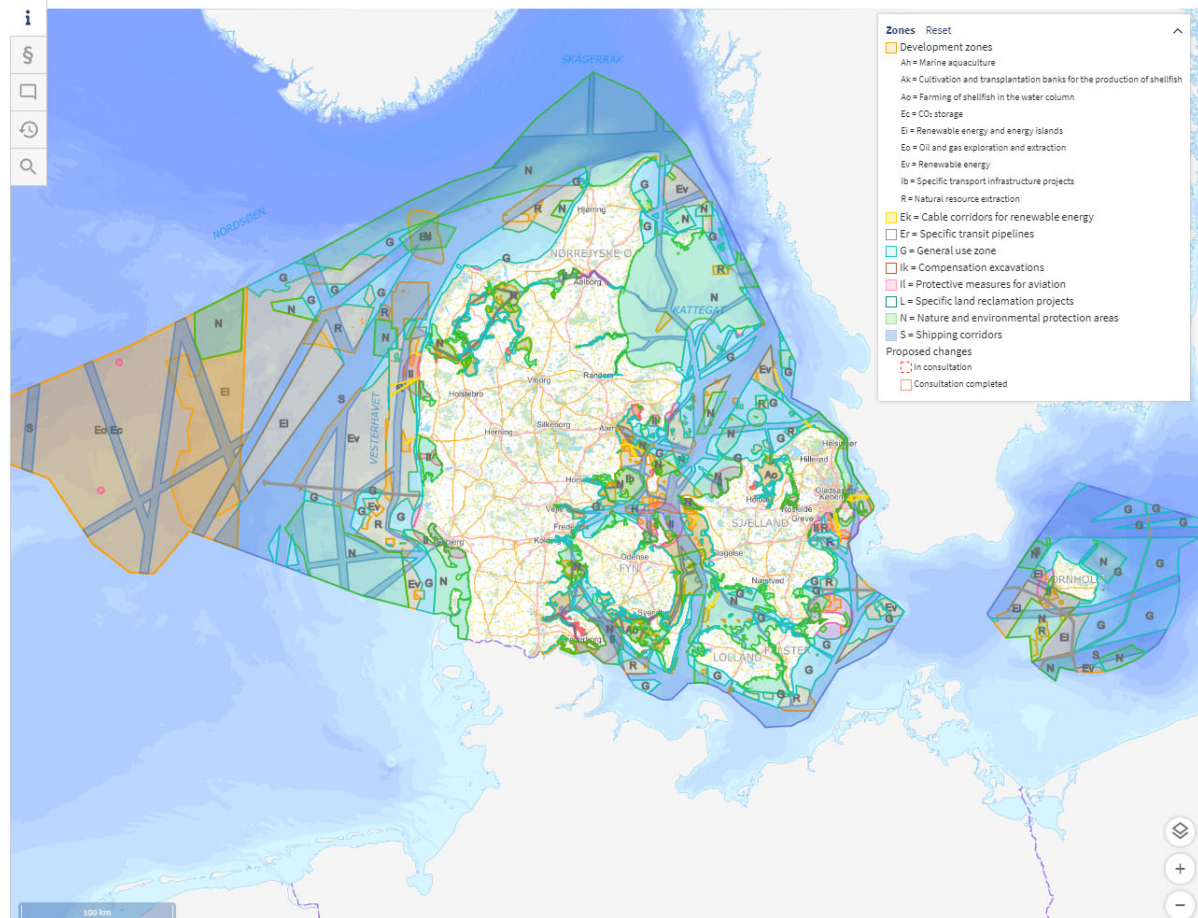
Denmark's maritime spatial plan

Denmark's maritime spatial plan has been issued as a digital executive order. This means that all relevant information about both the content of the maritime spatial plan and any consultations and historical versions of the maritime spatial plan can be found here. You can also view service information that is not part of the executive order by clicking on the layer icon in the right corner.

Getting started

- § Click on the map to see the regulations for the area
- See all consultations
- ↻ See historical versions of the maritime spatial plan
- 🔍 Search for zones

Find more instructions under the "Help" tab at the top.







A DIGITAL PLAN

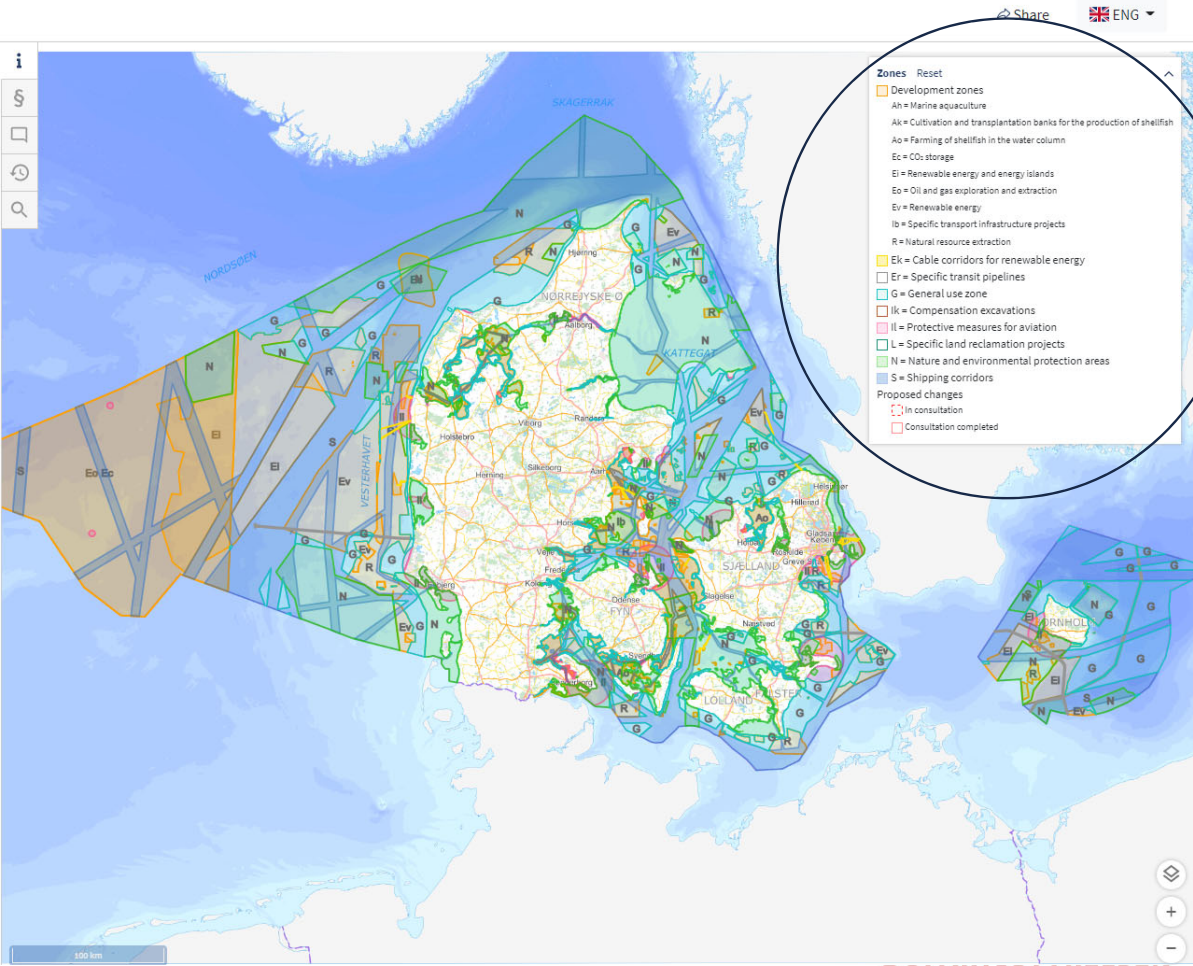
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Getting started

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Find more instructions under the "Help" tab at the top.



ABOUT THE MARITIME SPATIAL PLAN



Maritime spatial plan

About the maritime spatial plan

News

Contact

Help

Background

Administration

→ Data and GIS

→ Explanatory Notes

→ Environmental assessments and Espoo reports

Privacy policy

Accessibility

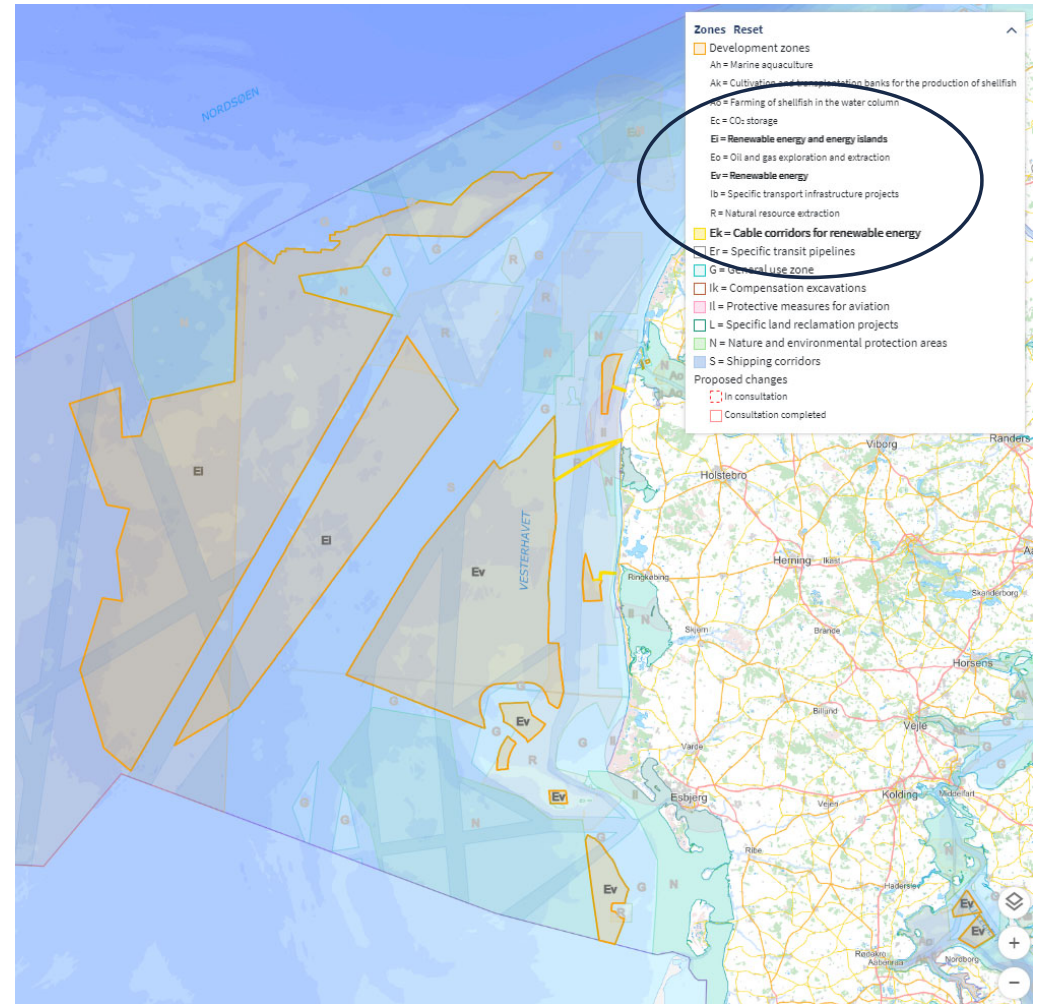
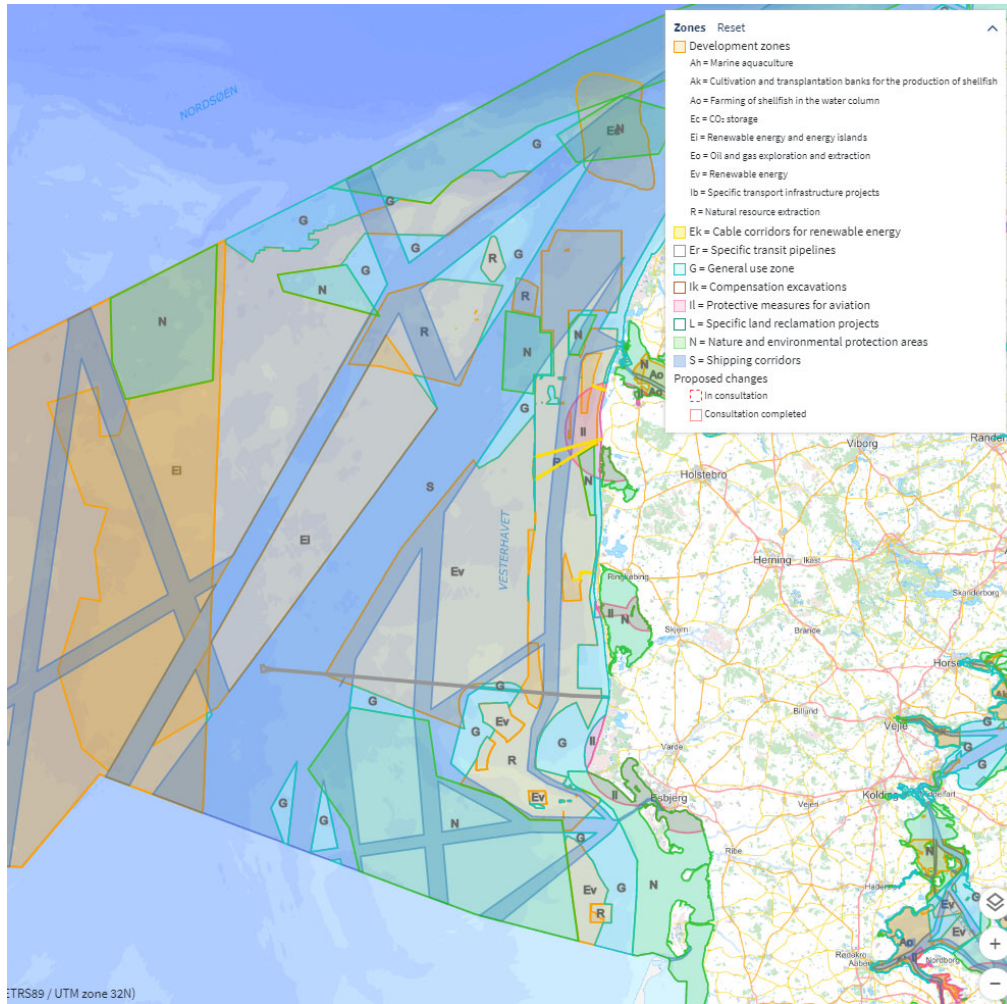
Operations

Guidelines for public consultation responses

Background



A DIGITAL PLAN



FIND INFORMATION

Overlapping zones

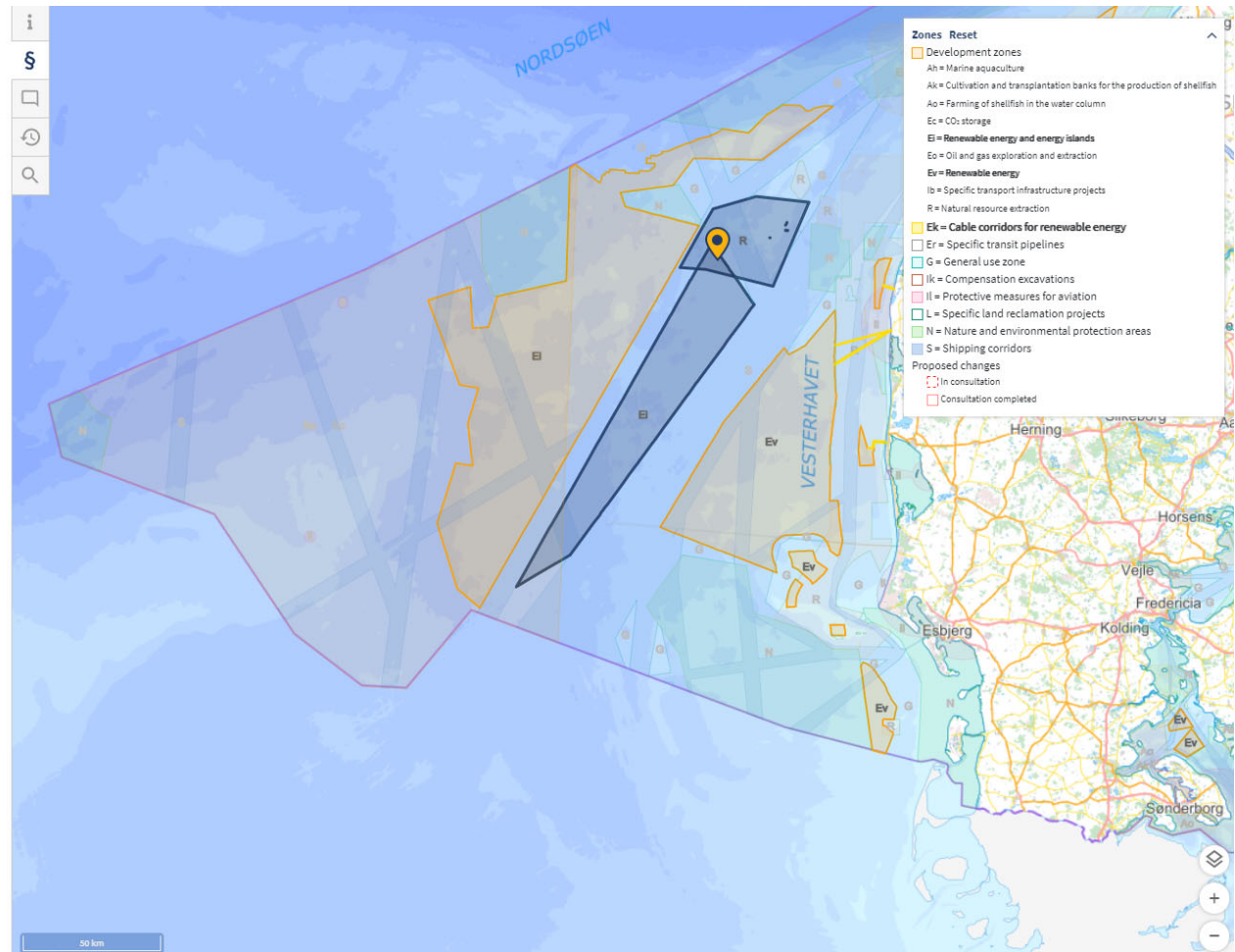
There is 2 Zones in the chosen point

Development zone for renewable energy and energy islands (Ei) - E15

Status: In consultation (Consultation deadline 30/09-2021 23:59)

Development zone for natural resource extraction (R) - R73

Status: In consultation (Consultation deadline 30/09-2021 23:59)



LEGAL TEXTS

Development zone for renewable energy and energy islands (Ei) - Ei5

Maritime Spatial Plan under consultation: Consultation on the draft executive order on Denmark's maritime spatial plan, March 31 2021

Status: In consultation (Consultation deadline 30/09-2021 23:59)

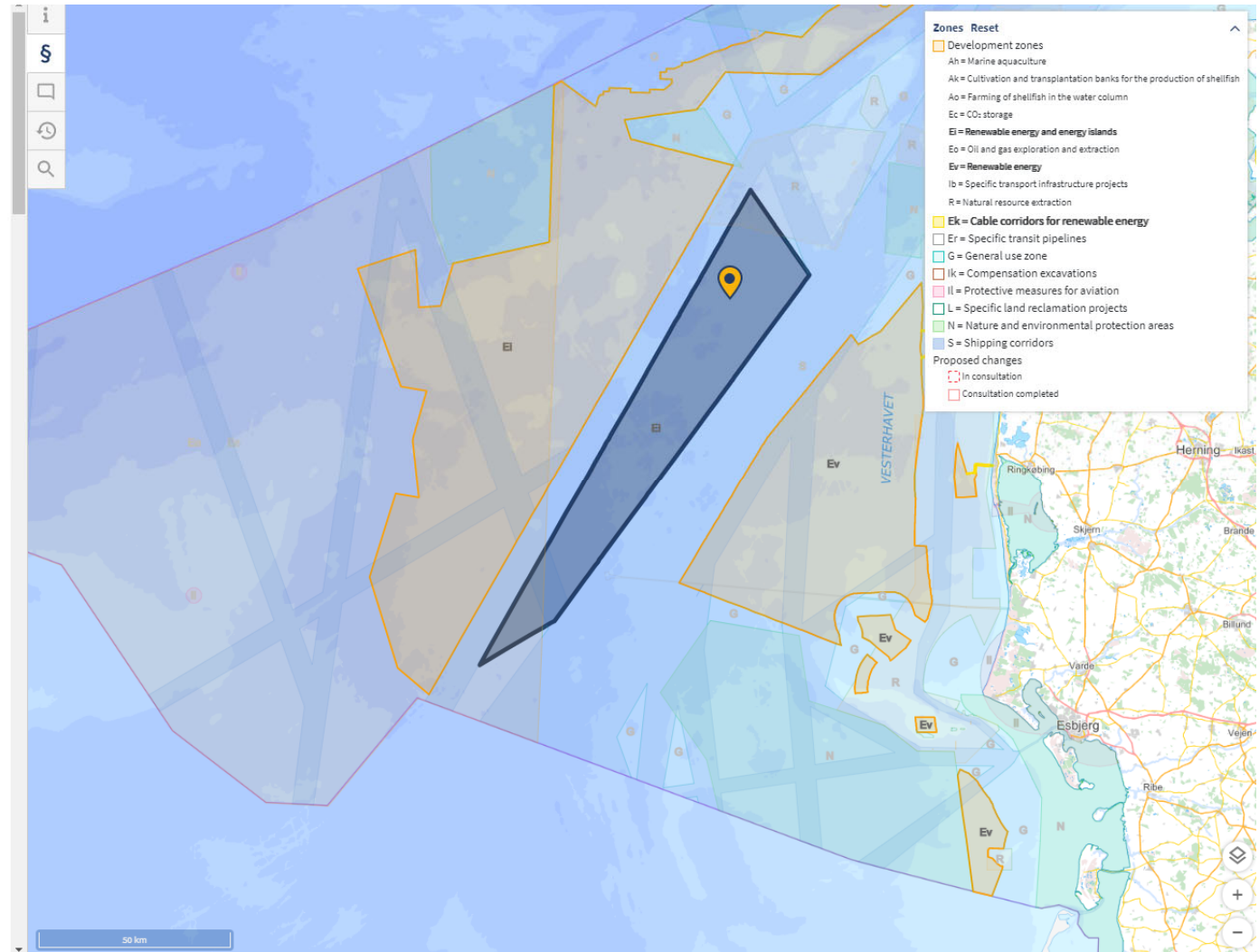
[Proceed to consultation](#)

Ei.1. The development zone is designated in the maritime spatial plan for renewable energy and energy islands. The zone is marked with Ei. Designation of the area as a development zone in the maritime spatial plan does not in itself entail any restriction on the access to fishing or navigation in the area, but such restrictions may result from other legislation. The designation does not entail any restriction of current rules on nature and environmental protection.

Ei.2. The purpose of designating the development zone for renewable energy and energy islands (Ei) is to ensure that facilities and associated installations for renewable energy, technical structures for interconnection, management and distribution of renewable energy can be established within the area. Energy islands can be designed as technical installations, artificial islands of sand or the like.

Ei.3. Public authorities may only grant permits, etc. or adopt plans for renewable energy within development zones marked with Ev or Ei. Furthermore, public authorities may only grant permits, etc. or adopt plans for the establishment of energy islands, including the establishment of technical structures for interconnection, management and distribution, etc. of renewable energy within development zones for renewable energy and energy islands (Ei). However, permits etc. may be granted for cables from plants for renewable energy and energy islands outside development zones marked with Ev or Ei. If the area is also designated for other purposes or specific projects, a permit, etc. may only be granted or plans adopted for renewable energy and energy islands, after consultation with the relevant minister for the purpose or project for which the area is designated.

Ei.4. Within the development zone for renewable energy and energy islands (Ei), permits etc. can only be granted or plans adopted for any other of the purposes or specific projects for which development zones have been designated, if the area has also been designated as a zone for the purpose or



SERVICE LAYERS

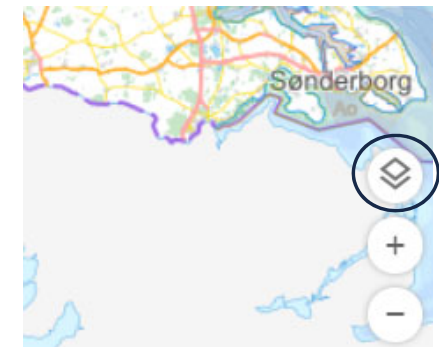
Select service layer

Service layers are not part of the executive order regarding the maritime spatial plan and are not legally valid. On msdi.dk you can find more activities and application at sea.

The squares in the right column illustrates the legend either directly or via mouse-over. The layer is added by clicking in the square in the left column. For some layers you can find additional information by clicking on **i**. You can be directed to another site with metadata information by clicking on **m**. Layers are updated on a continuous basis. Outdated layers can occur.

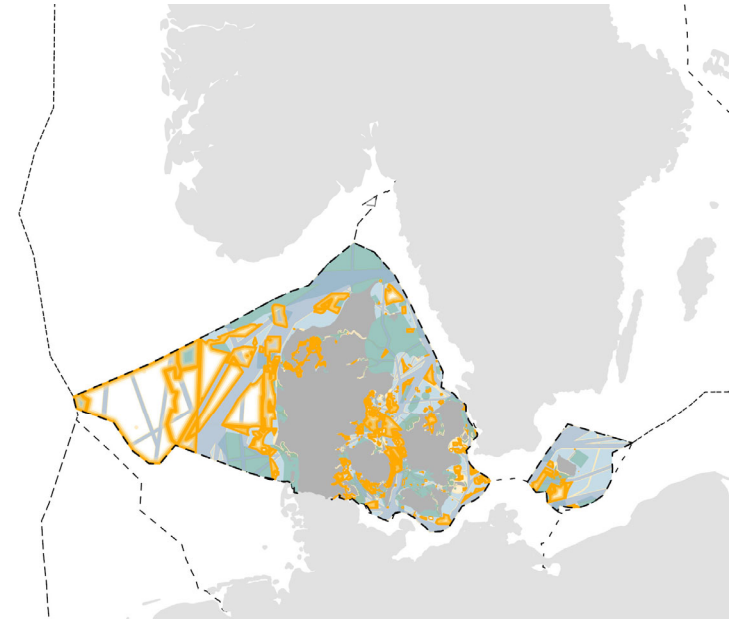
Status	Nature protection	Danger and prohibited areas
<input type="checkbox"/> Status for development zones i	<input type="checkbox"/> Protected areas i m	<input type="checkbox"/> Danger and exercise areas i
Other things	<input type="checkbox"/> Overall habitat types of the marine strategy i m	<input type="checkbox"/> Danger and exercise areas, future i
<input type="checkbox"/> Facilities in the territorial sea i m	<input type="checkbox"/> Marine strategy areas i m	<input type="checkbox"/> Prohibition regions (Defense) i
<input type="checkbox"/> Fold Place i m	<input type="checkbox"/> Proposal for strictly protected marine strategy areas i	<input type="checkbox"/> Prohibition regions (Danish Maritime Authority) i m
<input type="checkbox"/> Local Plans i m	<input type="checkbox"/> Proposal for new protected marine strategi areas i	<input type="checkbox"/> Restriction Areas i
<input type="checkbox"/> Municipality Plan Frames i m	<input type="checkbox"/> Nature and game reserves i m	<input type="checkbox"/> Emergency areas i m
<input type="checkbox"/> Governmental offshore wind reservations i m	<input type="checkbox"/> Natura 2000 bird protection areas i m	Energy
<input type="checkbox"/> Seaweed farms i	<input type="checkbox"/> Proposal for new bird protection areas i	<input type="checkbox"/> Drillings for oil/gas i m
Outdoor life and tourism	<input type="checkbox"/> Natura 2000 habitat areas i m	<input checked="" type="checkbox"/> Existing transit pipelines
<input type="checkbox"/> Hot spots for outdoor activities i	<input type="checkbox"/> Ramsar sites i m	<input type="checkbox"/> Pipelines for transporting oil and gas i
<input type="checkbox"/> Tourism in municipalities	<input type="checkbox"/> Marine habitats in Natura 2000 habitat areas i m	Raw material extraction
<input type="checkbox"/> Race tracks i m	<input type="checkbox"/> Ecological and biological significant areas i	<input type="checkbox"/> Geological drilling for raw materials i m
<input type="checkbox"/> AIS data for pleasure crafts i m		<input type="checkbox"/> Raw material resources at sea i m
Cultural heritage		
<input type="checkbox"/> Potential ancient monumnets i m		
<input type="checkbox"/> Ancient monuments on the seabed i m		

Ok



CONSULTATION PROCESS

- END OF CONSULTATION THE 30TH SEPTEMBER 2021.
- THE REVISED PLAN IS EXPECTED TO GO BE FINALLY ADOPTED END YEAR/BEGINNING OF 2022.





THANK YOU FOR THE
ATTENTION!