Pan Baltic Scope

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Welcome!

to the
Pan Baltic SCOPE
Opening Conference!

Swedish Agency for Marine and Water Management

BSH Bundesamt für Seeschiffahrt und Hydrographie

Ministry of Environmental Protection and Regional Development of the Republic of Latvia

Danish Maritime Authority

VASAB Vision & Strategies around the Baltic Sea

Republic of Estonia Ministry of Finance

Satakuntaliitto The Regional Council of Satakunta

SYKE

Nordregio

Ålands landskapsregering

#panbalticscope

Photo: Pernillan

Pan Baltic Scope

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FELIX LEINEMANN

EUROPEAN COMMISSION

THE DIRECTORATE GENERAL FOR MARITIME AFFAIRS AND FISHERIES

HEAD OF UNIT

www.panbalticscope.eu

Pan Baltic Scope

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HELEN ÅGREN

SWEDISH MINISTRY OF FOREIGN AFFAIRS

SWEDISH AMBASSADOR FOR THE OCEAN

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What

PAN BALTIC SCOPE

do

We are

12 partners

8 authorities responsible for maritime spatial planning

4 research and regional organizations

Swedish Agency for Marine and Water Management

BSH Bundesamt für Seeschifffahrt und Hydrographie

Danish Maritime Authority

Urząd Morski w Szczecinie

Ministry of Environmental Protection and Regional Development Republic of Latvia

Republic of Estonia Ministry of Finance

VASAB Vision & Strategies around the Baltic Sea

HELCOM

SYKE

Nordregio

Satakuntaliitto The Regional Council of Satakunta

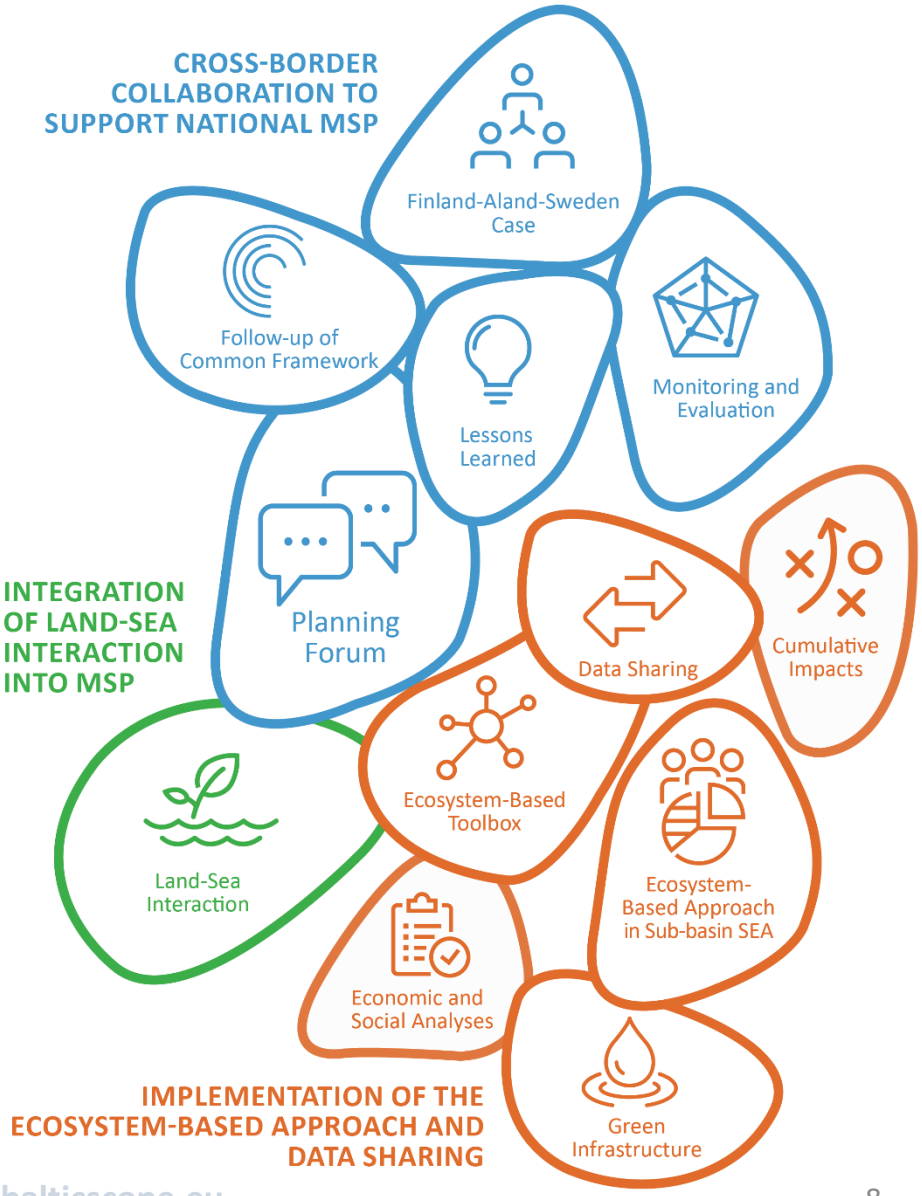
Ålands landskapsregering

We want to

achieve **coherent** national **maritime spatial planning** in the Baltic Sea region

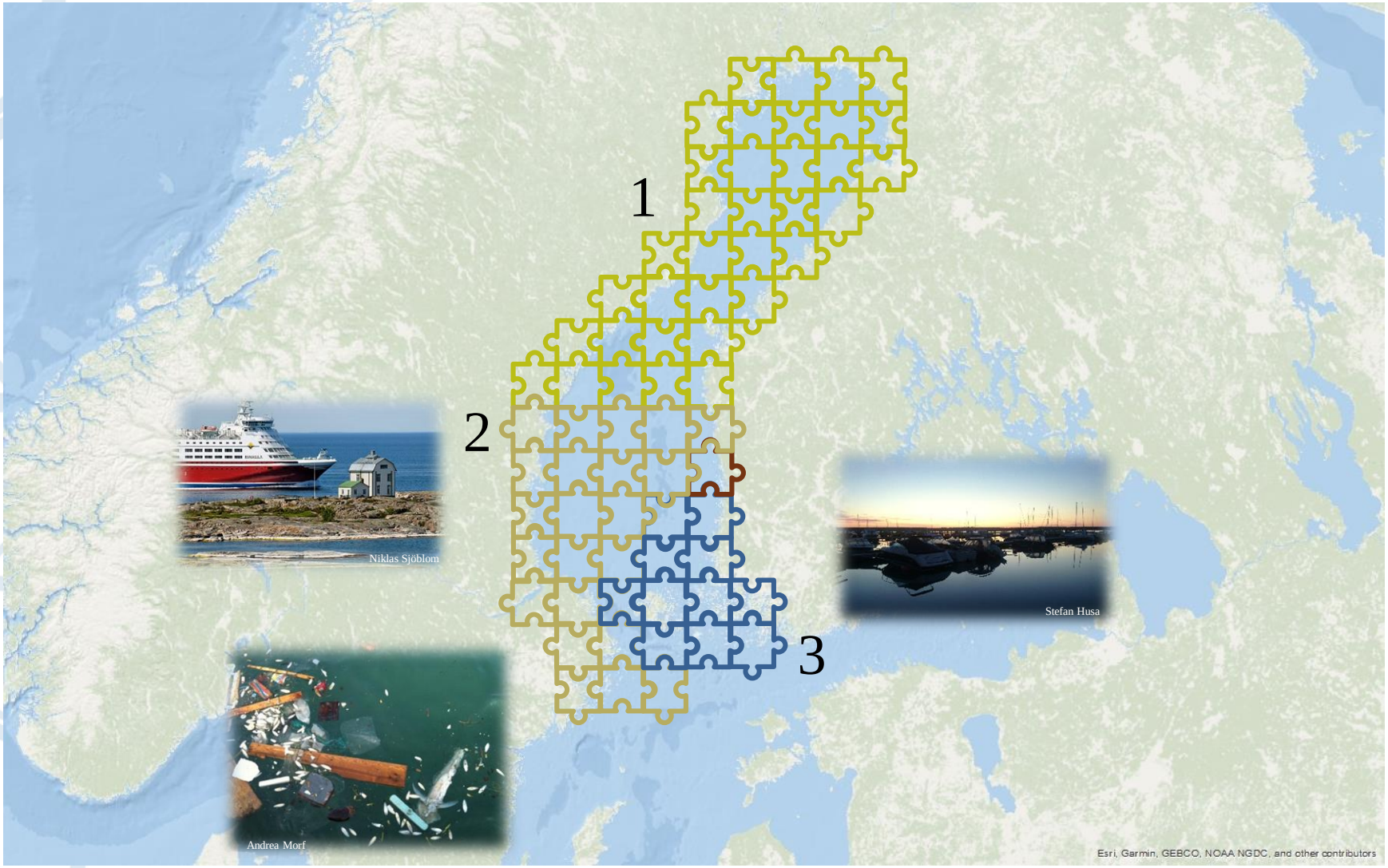
build lasting macro-region **mechanisms** for **cross-border** maritime spatial planning **cooperation**

Filling the gaps



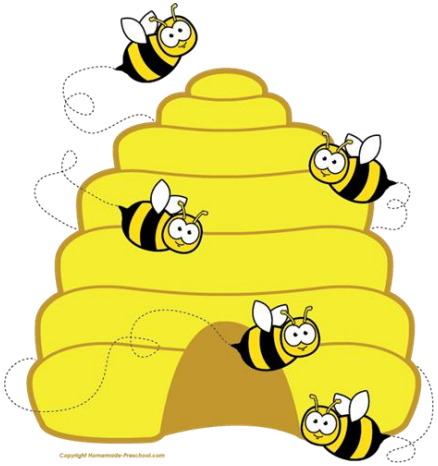
The elevator

monitoring
evaluation
MSP
Latvia
delivering
Poland
impacts
effectiveness


1
2
3
Niklas Sjöblom
Stefan Husa
Andrea Morf
Esri, Garmin, GEBCO, NOAA NGDC, and other contributors

Lessons Learned

http://www2.lernplattform.schule.at/



Follow-up of Common Regional Framework

VASAB
VISION & STRATEGIES AROUND THE BALTIC SEA

BALTIC SEA BROAD-SCALE MARITIME SPATIAL PLANNING PRINCIPLES

GUIDELINES ON TRANSBOUNDARY CONSULTATIONS, PUBLIC PARTICIPATION AND CO-OPERATION

REGIONAL BALTIC MARITIME SPATIAL PLANNING ROADMAP 2013-2020

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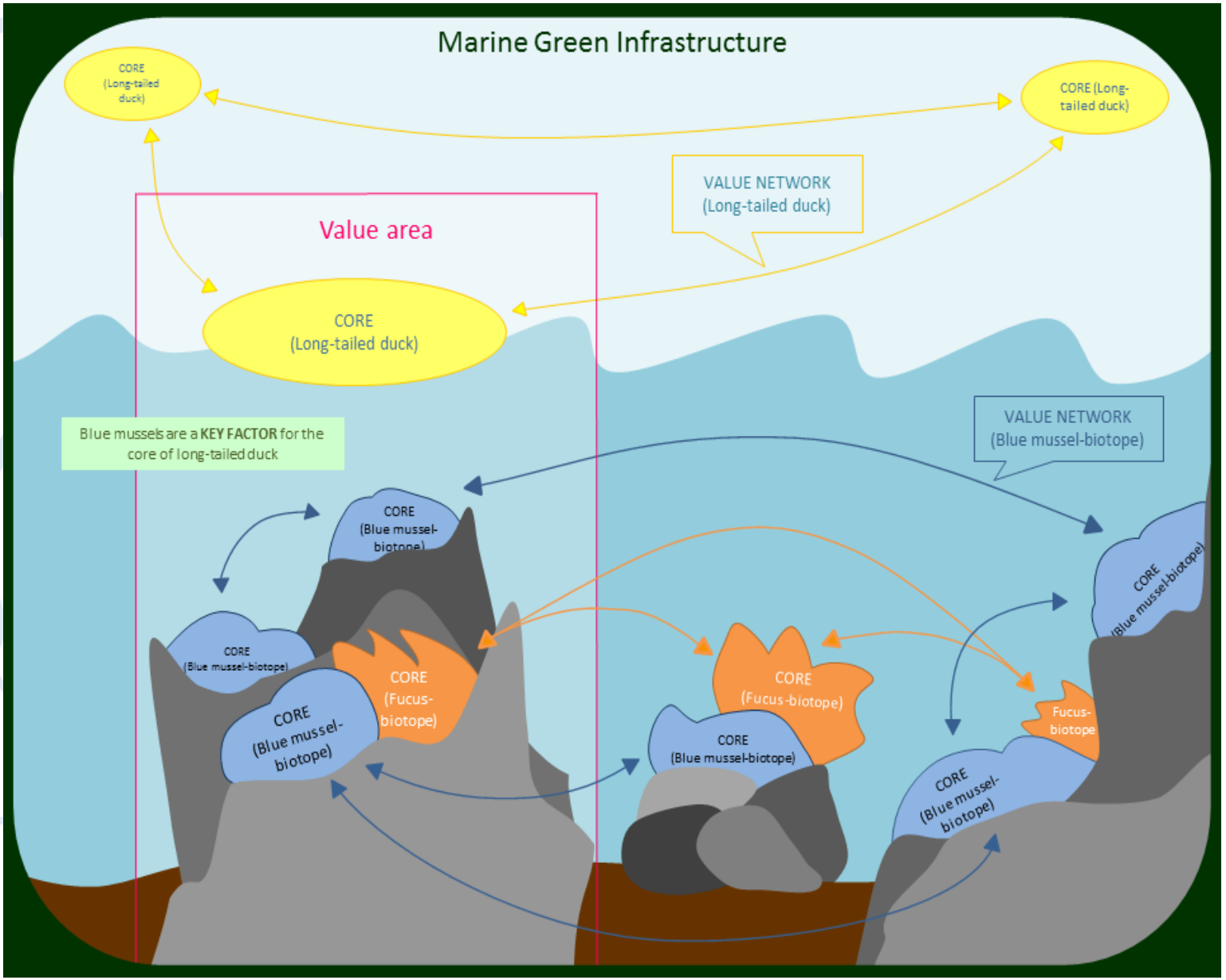
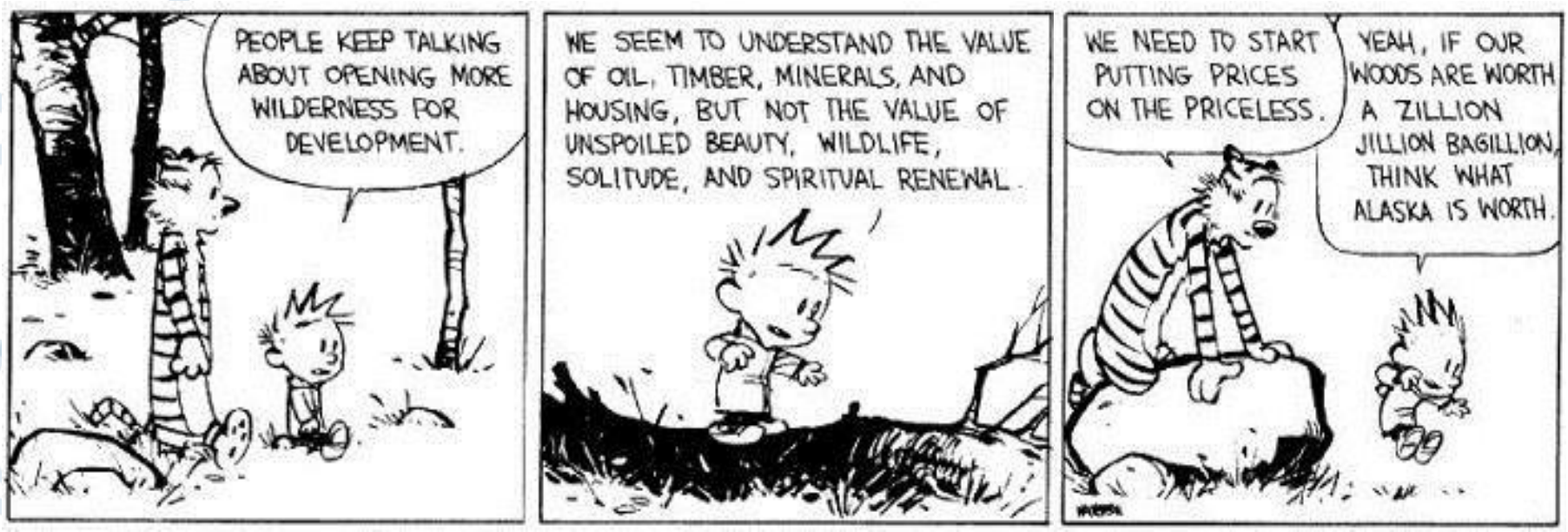

Marine Green Infrastructure
CORE (Long-tailed duck)
CORE (Long-tailed duck)
VALUE NETWORK (Long-tailed duck)
Value area
CORE (Long-tailed duck)
Blue mussels are a KEY FACTOR for the core of long-tailed duck
VALUE NETWORK (Blue mussel-biotope)
CORE (Blue mussel-biotope)
CORE (Blue mussel-biotope)
CORE (Blue mussel-biotope)
CORE (Fucus-biotope)
CORE (Fucus-biotope)
CORE (Blue mussel-biotope)
CORE (Blue mussel-biotope)
CORE (Blue mussel-biotope)
Fucus-biotope

Human welfare and the state of the sea:
Cumulatiuve impacts and socio-economic analyses



G
O226
Gf
O229
T1
T1
T1
T2
VENTSPILS
Ventspils osta
Pope
Dokupe

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LEO DE VREES

NETHERLANDS

MINISTRY OF INFRASTRUCTURE AND WATER MANAGEMENT

SISTER PROJECT IN THE NORTH SEA

SEANSE

www.panbalticscope.eu

Ministry of Infrastructure and the Environment

SEANSE: Strategic Environmental Assessment North Sea Energy as an aid for MSP

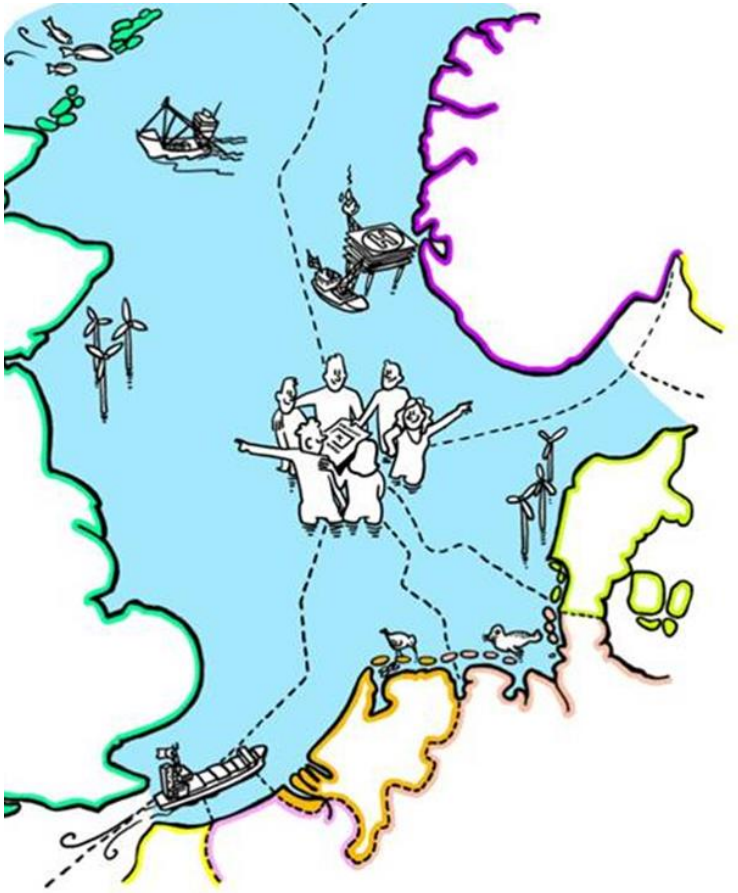
Leo de Vrees
project coordinator

Co-funded by the European Maritime and Fisheries Fund

Vision IABR: NORTH SEA 2050?

International cooperation

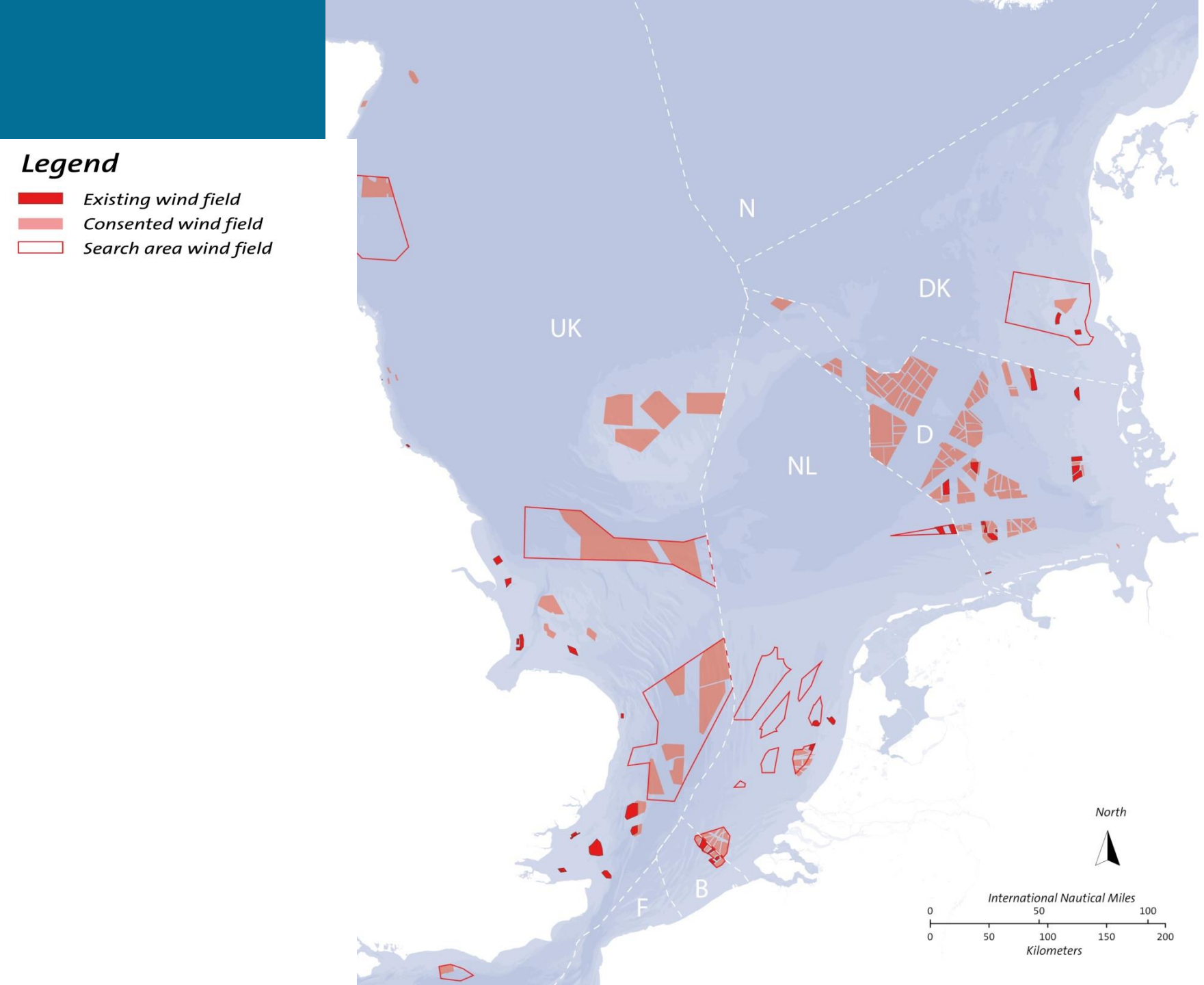
- Political Declaration on Energy Cooperation between North Seas countries (6 June 2016): UK, IRE, NO, SW, DK, GE, NL, BE, FR, LX and EC
- To facilitate the further cost-effective deployment of offshore renewable energy, in particular wind, through voluntary cooperation, with the aim of ensuring a sustainable, secure and affordable energy supply in the North Seas countries
- Support Group 1: Maritime Spatial Planning and Environmental Assessment Framework
- Other groups on grid, technique, finance



Priority topics within Support Group 1

- Coordinating the planning and development of offshore wind and grid projects beyond national borders including area mapping;
- Developing a common environmental assessment framework;
- Increasing the availability and interoperability of marine data for planning, impact assessment, licensing and operations;

For task 2 subgroup CEAF has been established


Legend
Existing wind field
Consented wind field
Search area wind field
N
DK
UK
D
NL
F
B
North
International Nautical Miles
0
50
100
0
50
100
150
200
Kilometers

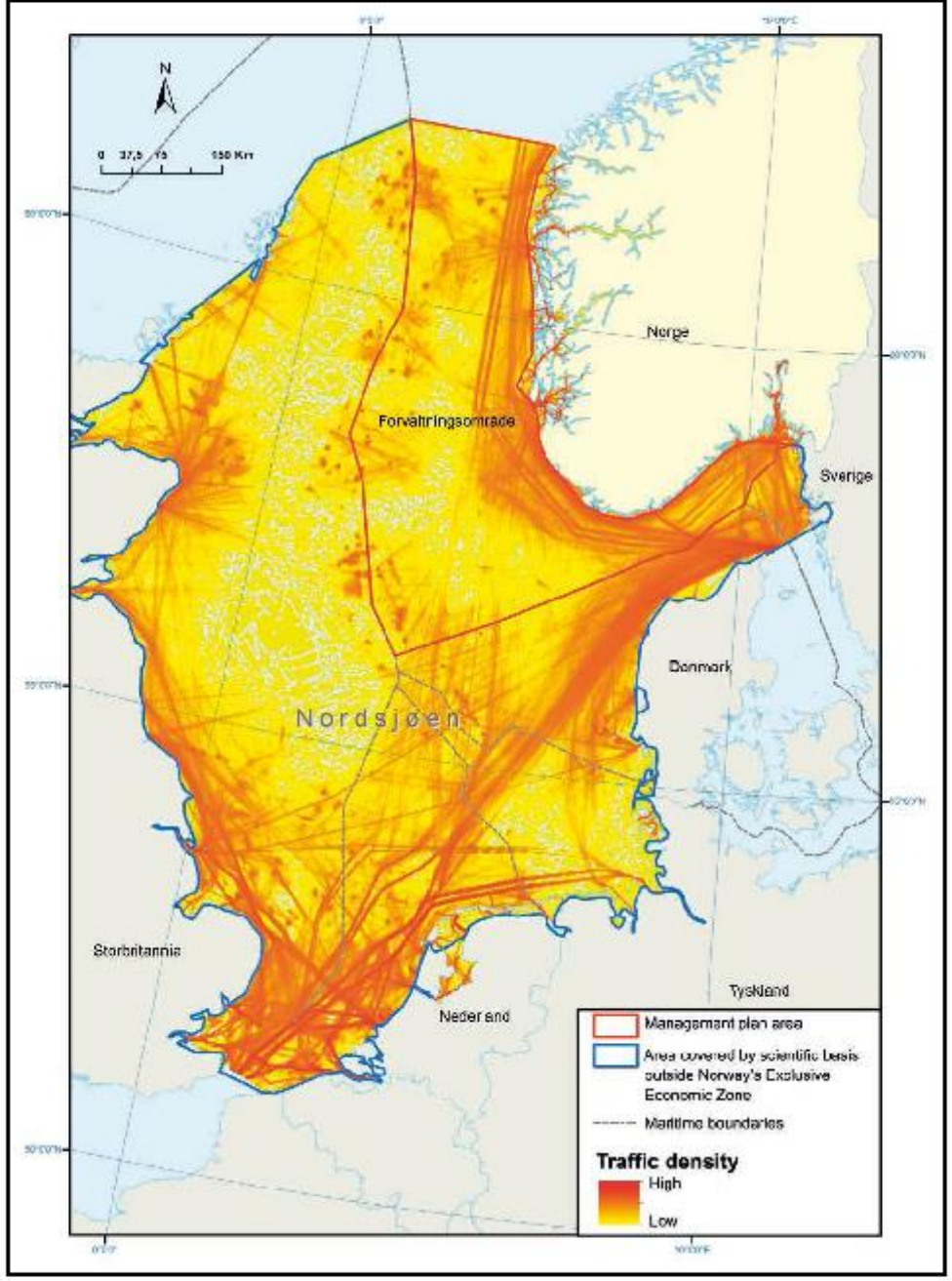
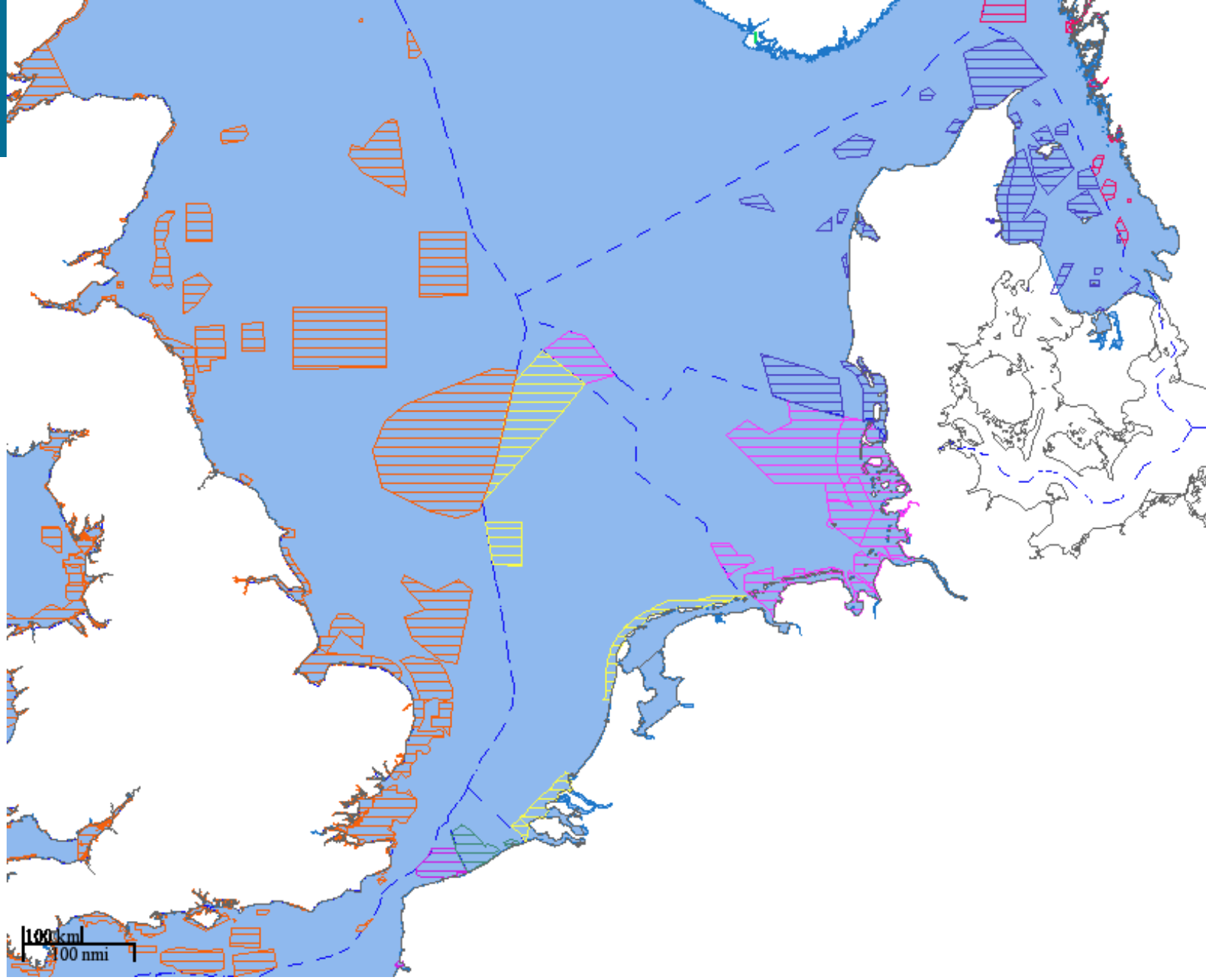


Figure 4.5 Shipping density in the North Sea and Skagerrak in June 2011, based on AIS data.

Source: Norwegian Coastal Administration

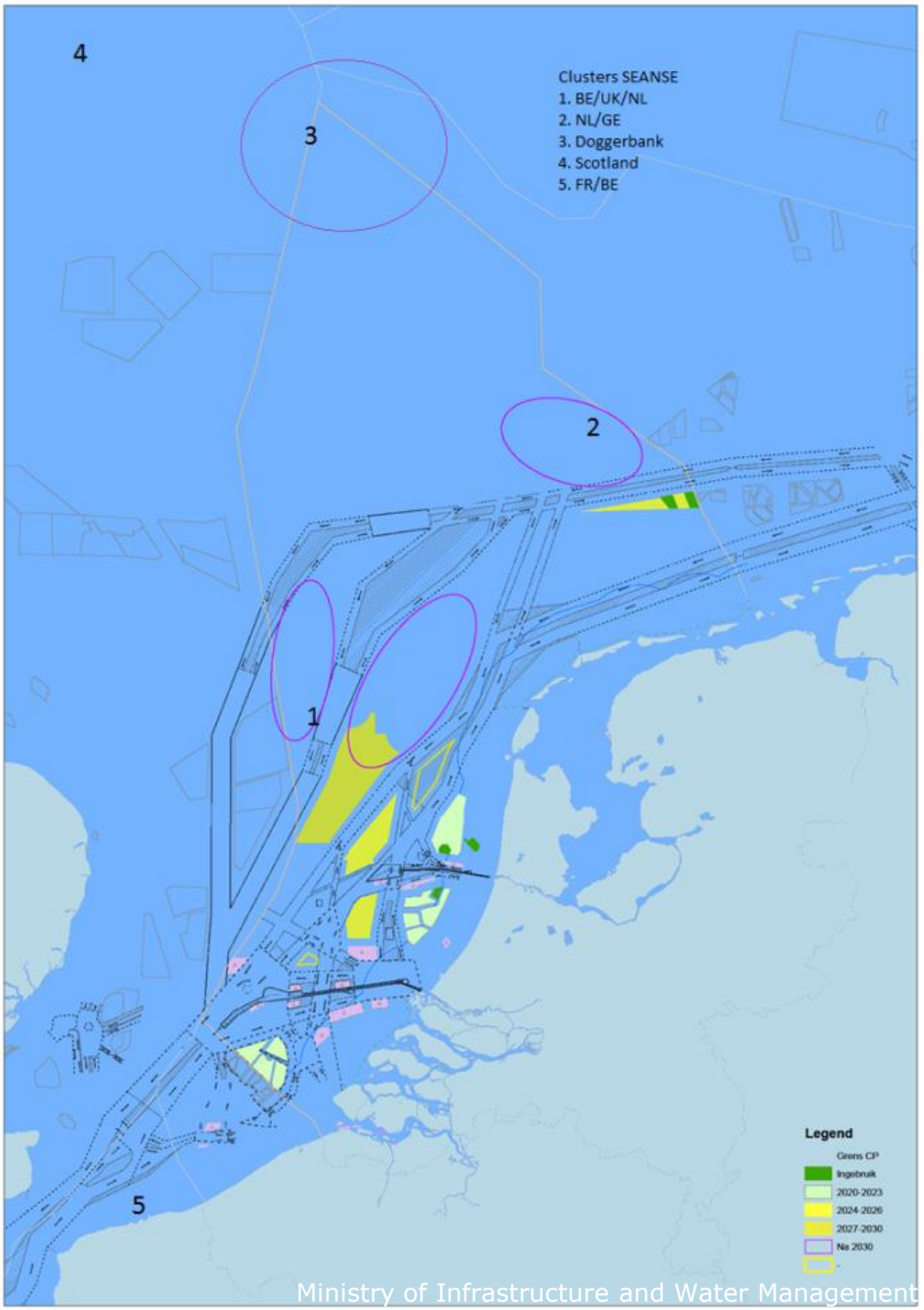
MPA's at the North Sea



Clusters

Period 2023-2030

UK: ~ 1 GW/yr
GE: ~ 0,7 GW/yr
NL: ~ 1 GW /yr



SEANSE (Strategic Environmental Assessment Energy North Sea)

- **Netherlands: Ministry of Infrastructure & Water Management -** Rijkswaterstaat (RWS)
- **Germany**: Bundesamt für Seeschifffahrt und Hydrographie (BSH)
- **France**: Service Hydrographique et Océanographique de la Marine (SHOM)
- **Denmark**: Danish Maritime Authority (DMA)
- **Scotland**: Scottish Government (Marine Scotland)
- **Local and regional governments:** Conference of Peripheral Maritime Regions of Europe (CPMR)
- Active observers from Belgium (MUMM) and Ireland (Marine Institute)

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SEANSE

Rijkswaterstaat
Ministerie van Infrastructuur en Milieu

BSH
BUNDESAMT FÜR SEESCHIFFFAHRT

marinescotland
The Scottish Government

DANISH MARITIME AUTHORITY

SHOM

CPMR
CRPM
Conference of Peripheral Maritime Regions

Objectives of SEANSE

- Develop a coherent approach to SEAs*, with a focus on renewable energy and test it in practice through three case studies;
- Create a coherent understanding of how and when to use SEA as a support tool for decision making in MSP through knowledge transfer and information exchange between North Sea countries;
- Demonstrate the benefits of the implementation of a coherent SEA approach for the preparation of national MSPs;
- Facilitate the efficient implementation of the "Political Declaration on energy cooperation between the North Seas Countries". **

* Including impact on other uses

** Especially SG1 and its subgroup CEAF

Work Packages

1) A baseline study is performed to assess available information and describe a coherent approach
2) Knowledge transfer and information exchange infrastructure is developed and tested
3) Three case studies are formulated and the coherent approach to SEAs is tested on these and two further studies are performed into the potential use of SEAs in North Sea regions
4) Products and process are evaluated
5) Communication and dissemination of results throughout the project
6) Project management

Outputs, next to management & communication

- Report with an overview of the current practice and coherent parts in SEAs in the different North Sea countries;
- Baseline report describing a coherent approach of SEAs as a decision support tool to align and improve MSP;
- Focus report on the data available for SEA in the case study areas;
- Draft SEAs for three case studies;
- Final SEAs for three case studies, including a chapter on the relation to (national) MSP;
- Report giving an overview related to SEA and MSP for a Belgium - France transboundary case study, based on available information;
- Report on the role of cumulative effects assessment under SEA in relation to offshore wind projects in the East Region of Scotland
- Report on the use of SEA on MSPs in the Danish context;
- Evaluation report dealing with product and progress of the project.

The Common Environmental Assessment Framework (CEAF)

Objective:

- A tool for estimating cumulative ecological effects of Offshore renewable energy generation/wind parks.

Use:

- To be used in EIA & SEA for development of wind parks on the North Seas.

Positioning:

- Recommendation on an adaptive management approach to address further development of the CEAF and knowledge development in relation to each other.

Planning:

- Testing in SEANSE (2018-2019);
- A prototype ready for use at the end of 2019.

Species for testing

Common species of concern to start testing the approach are;

- harbour porpoise *(Phocoena phocoena*), marine mammal
- black-legged kittiwake (*Rissa tridactyla*), sea bird
- lesser black-backed gull (*Larus fuscus*), sea bird
- red-throated diver (*Gavia stellata*), sea bird
- Common guillemot (Uria aalge). Sea bird
- nathusius' pipistrelle (*Pipistrellus nathusii*), bat

This species are selected because they:

- Are representative of a likely potential cause-effect relationship with regard to any phase of wind farm development;
- Are recognized as a likely (high) concern by at least two participating countries;
- Have already been studied, or;
- Represent species that helps to explore how to handle data-deficiency in CEA.

Further questions to be solved by SG 1/SEANSE as input for testing the CEAF

- Which areas will be developed in which year?
- What will be the order in time (important for accumulation)?
- What will be the installed total power in each area?
- What will be the density of the turbines? (presently around 6 MW/km^2)
- What will be the limits of the turbines (6- 12 MW?) and what does this mean for the height, minimum rotor clearance and maximum height?
- Scenarios for technical developments (foundation and mitigation techniques)
- What types and what intensity of multi-use - if any - is foreseen in the wind parks?

Thank you

Useful link

https://ec.europa.eu/energy/en/topics/infrastructure/north-seas-energy-cooperation

https://Northseaportal.eu (not yet available)

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NATIONAL PANEL

FINLAND
NORWAY
ÅLAND
SWEDEN
ESTONIA
LATVIA
DENMARK
LITHUANIA
BELARUS
POLAND
GERMANY
Havs- och vattenmyndigheten, HaV
CartoDB, © OpenStreetMap Contributors

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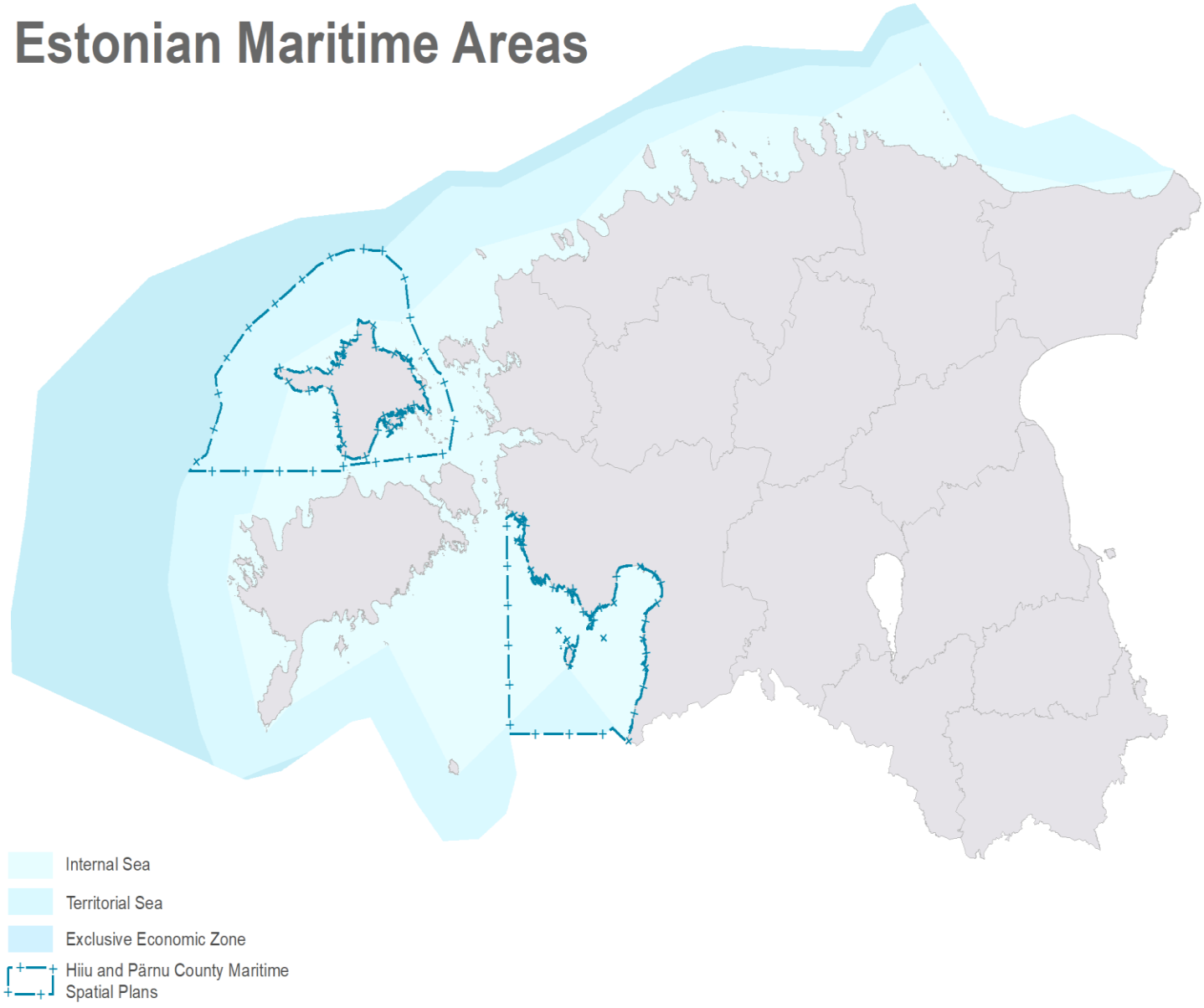
ESTONIA

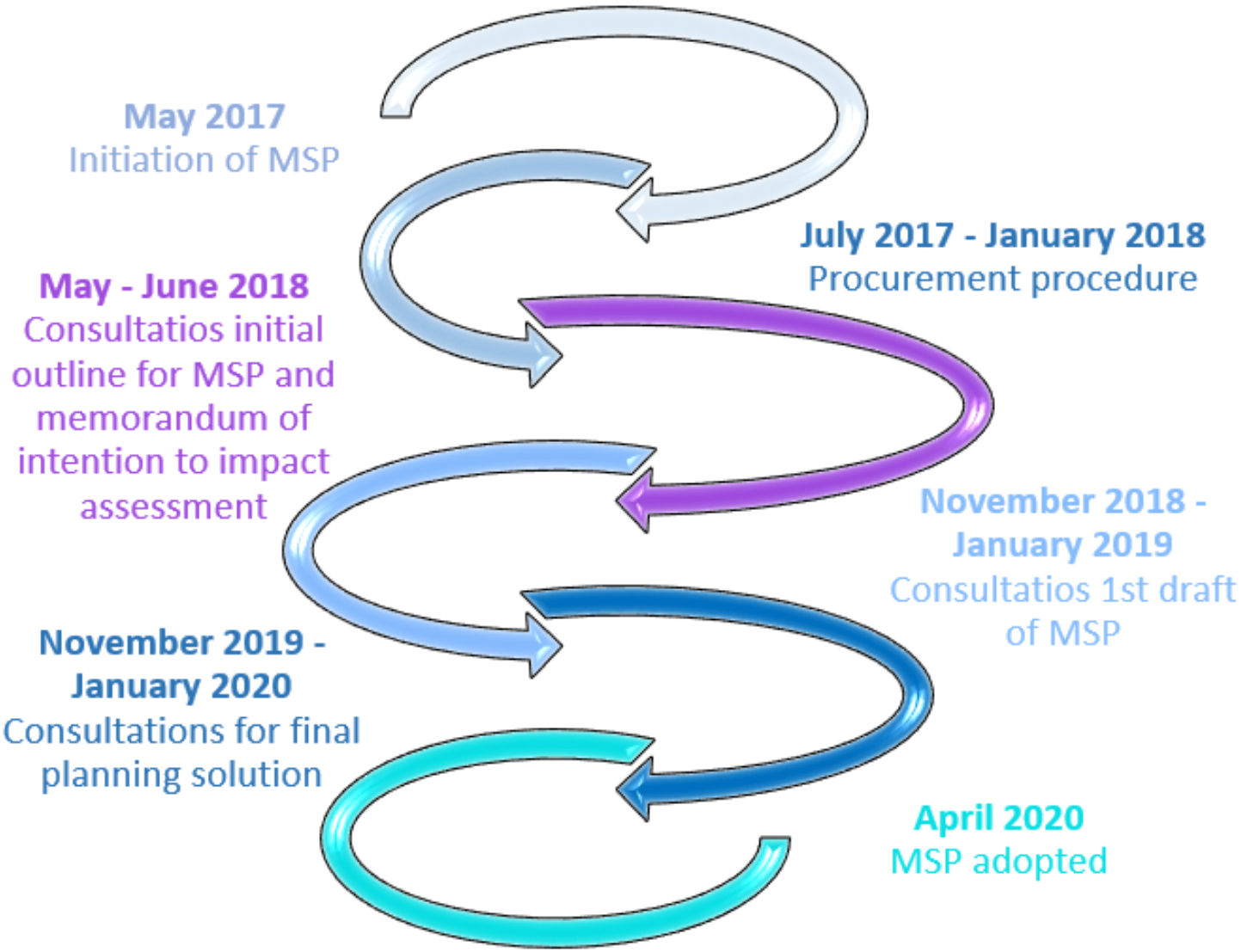
ELERI KAUTLENBACH

ESTONIAN MINISTRY OF FINANCE

Estonian Maritime Areas

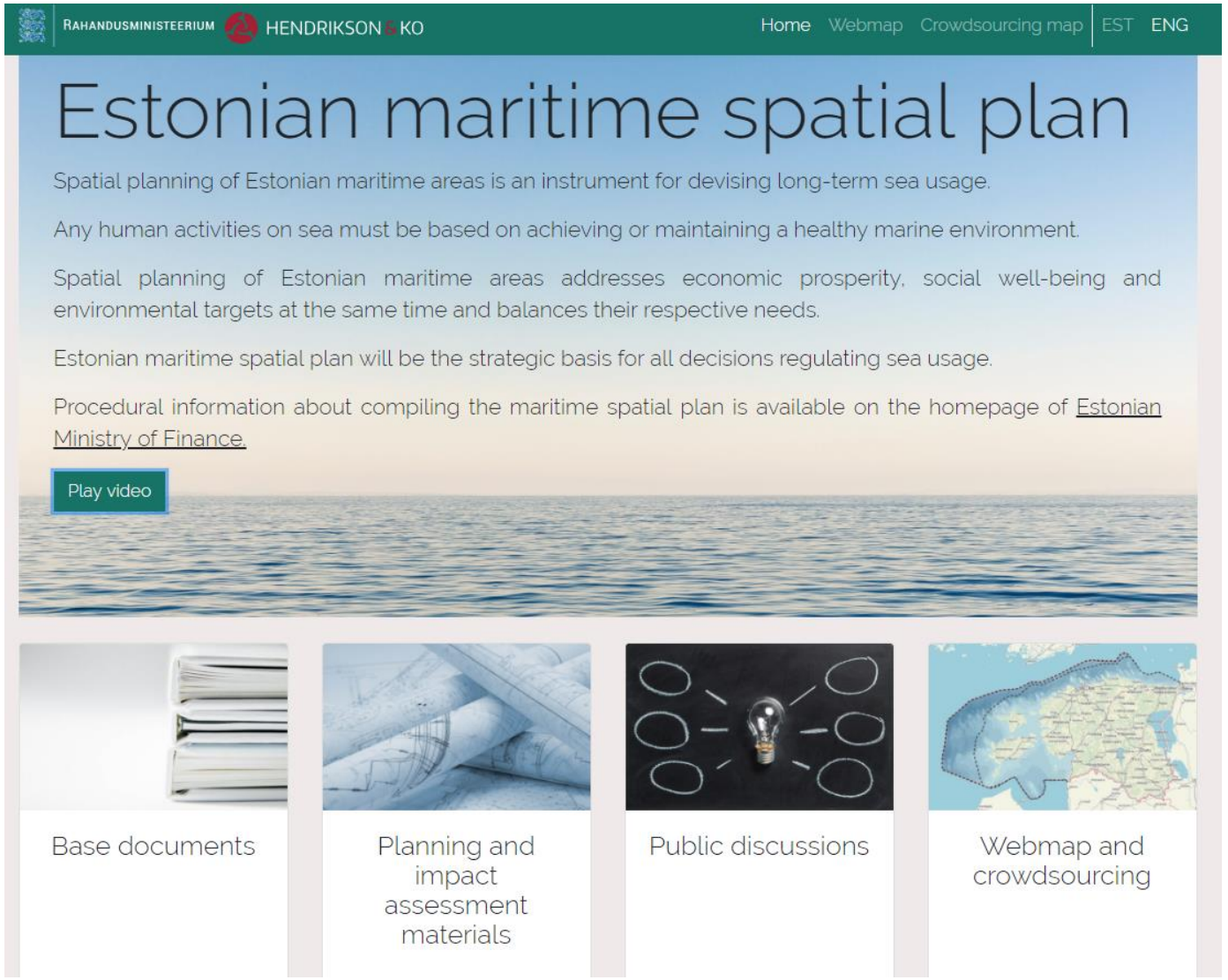


MSP process in Estonia



MSP webpage

http://mereala.hendrikson.ee/en.html



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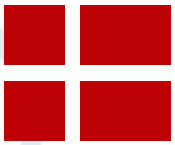
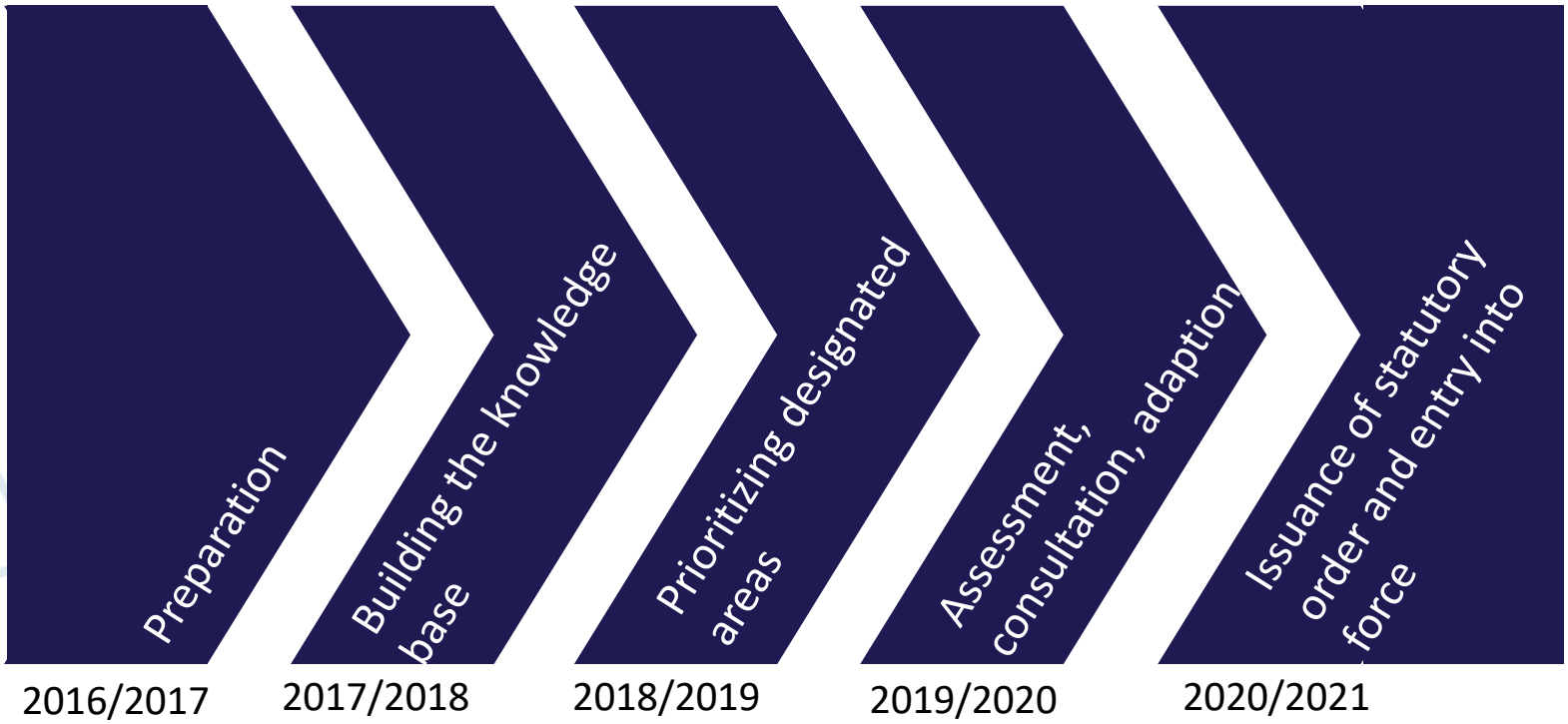


DENMARK

SINE OLSSON HELTBERG

DANISH MARITIME AUTHORITY

The Danish MSP process



Data and draft zones

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FINLAND

TIINA TIHLMAN

FINNISH MINISTRY FOR THE ENVIRONMENT

ANNE NUMMELA

REGIONAL COUNCIL OF SATAKUNTA

STEFAN HUSA

GOVERNMENT OF ÅLAND

Finnish MSP´s in general

Responsibilities

MoE

- legislation
- general development
- international cooperation – national contact point

Coastal Regional Councils

- drafting the plans

Åland

- legislation
- drafting a plan of its own

Finnish MSP´s in general

Plans

- 3 + 1
- cover territorial waters and EEZ
- general level strategic plans
- non binding
- cooperation and participation emphasized

Themes and planning areas of Finnish MSP

PLANNING PROCESS

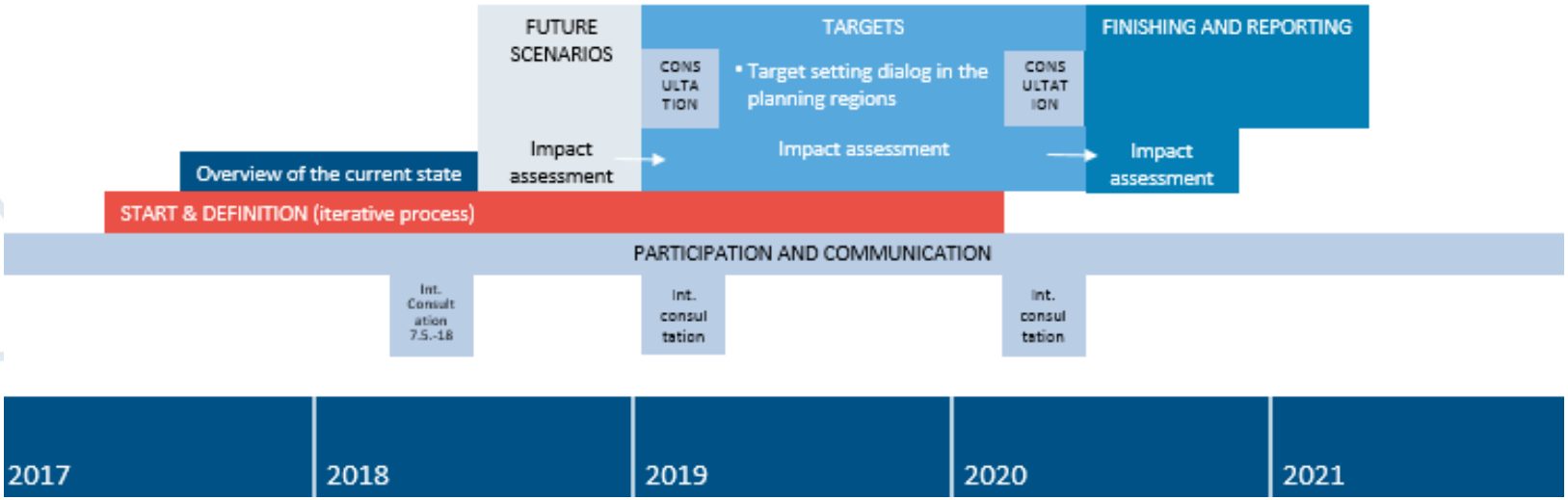
Overview of the current state:

- Ecological
- Blue Growth
- Characteristics of Sea Areas

- Blue Growth Scenarios
- Impacts on Marine Environment
- Participation

- Common agreement on the suitable development paths for Blue Growth
- Opportunities and limitations

- Public consultation -- > finalisation of the plans
- Decision making in Regional Councils
- Reporting



https://www.merialuesuunnittelu.fi/en/295/planning-phases-and-schedule/

Åland has own legislation for MSP

MSP of Åland will be coherent with other maritime spatial plans of Finland

The Government of Åland is responsible for planning coastal and marine waters

We are starting our planning process by inviting local- and regional-level stakeholders to produce an independent yet coherent plan with the “neighbors”

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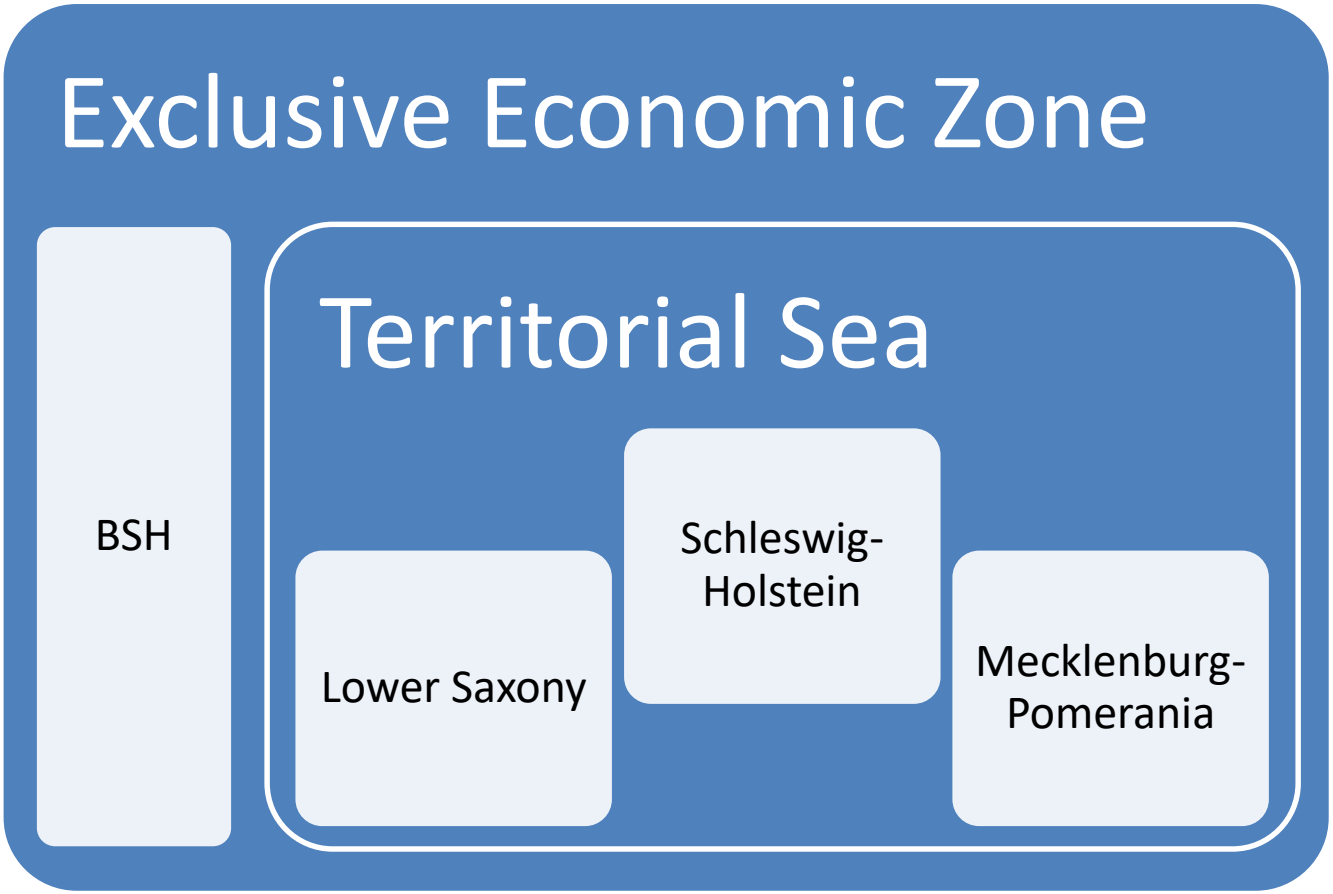
GERMANY

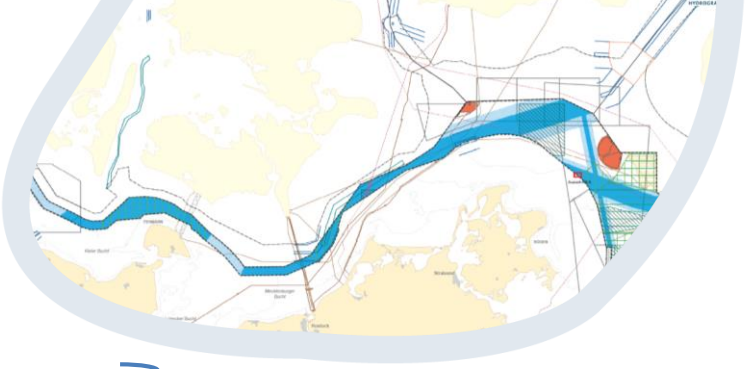
KAI TRÜMPLER

FEDERAL MARITIME AND HYDROGRAPHIC AGENCY

Who plans where in German waters?



Where is Germany in the MSP cycle?



Current status
2nd round EEZ

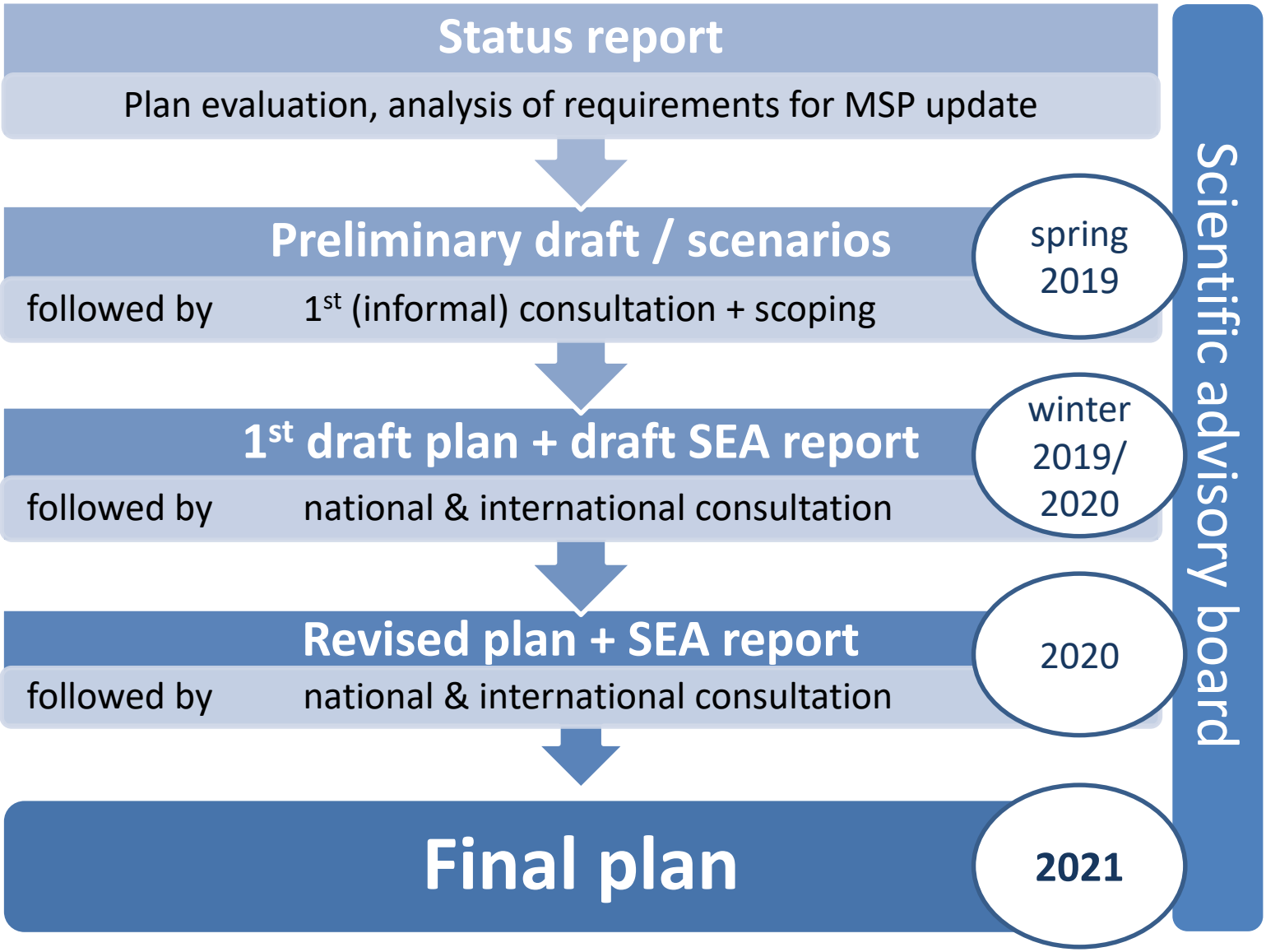
Status

MSP in force on Länder and federal level

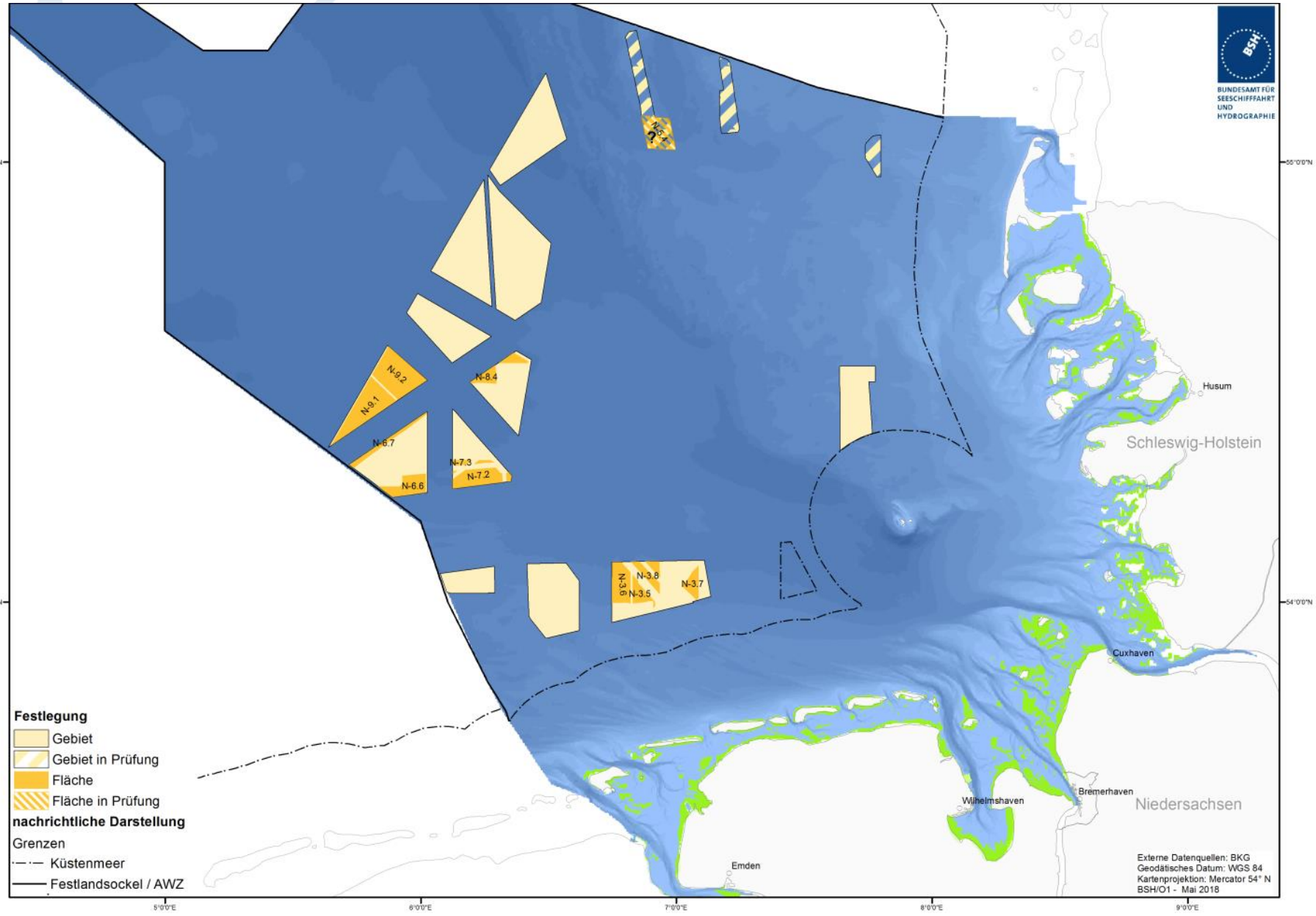
2009	**MSP EEZ in force**
2013	**Offshore Grid Plan (sectoral plan)**
2017	**Start MSP review**

MSP update process German EEZ

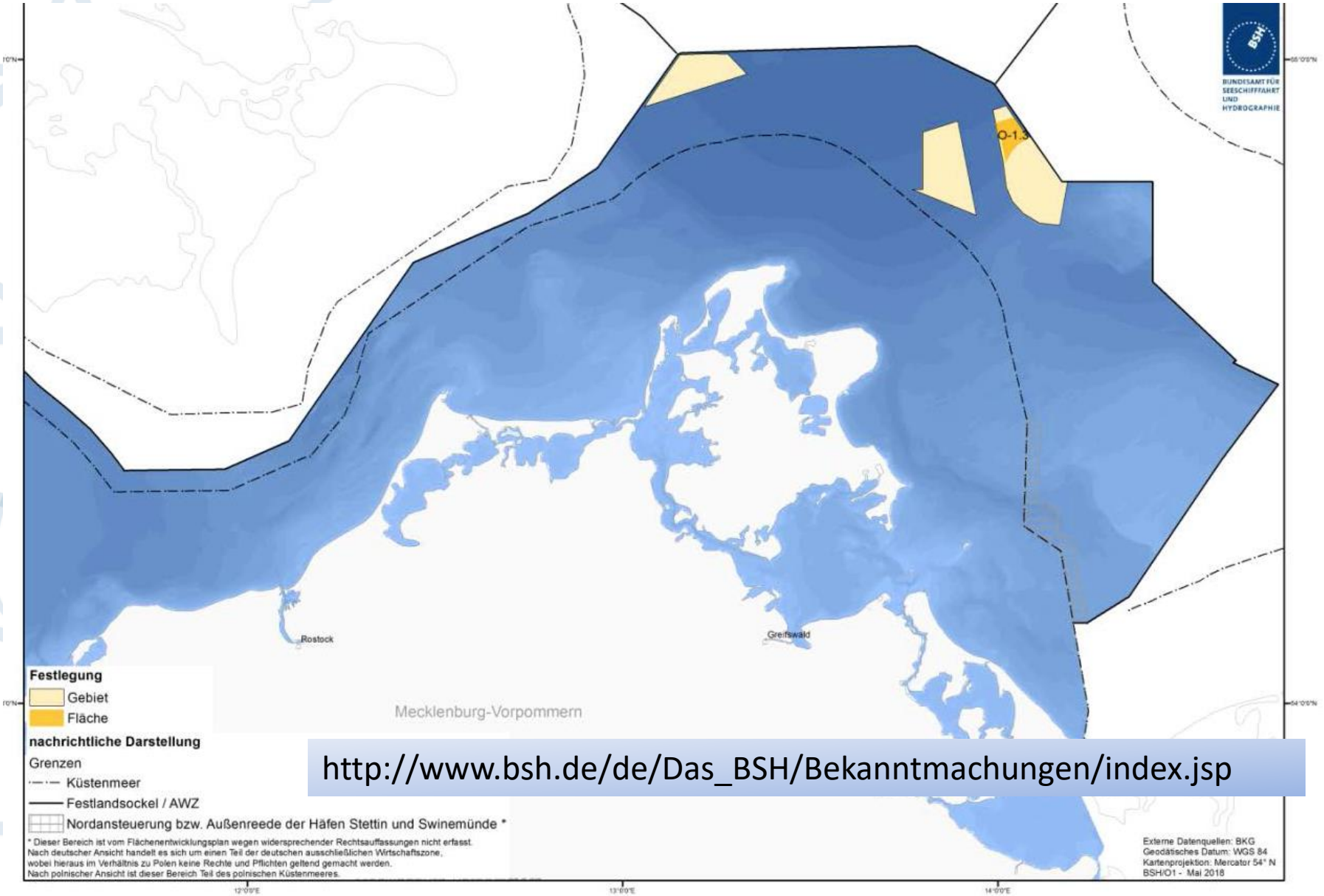
(best guess)



Offshore Site Development Plan – preliminary draft



Offshore Site Development Plan – preliminary draft



http://www.bsh.de/de/Das_BSH/Bekanntmachungen/index.jsp

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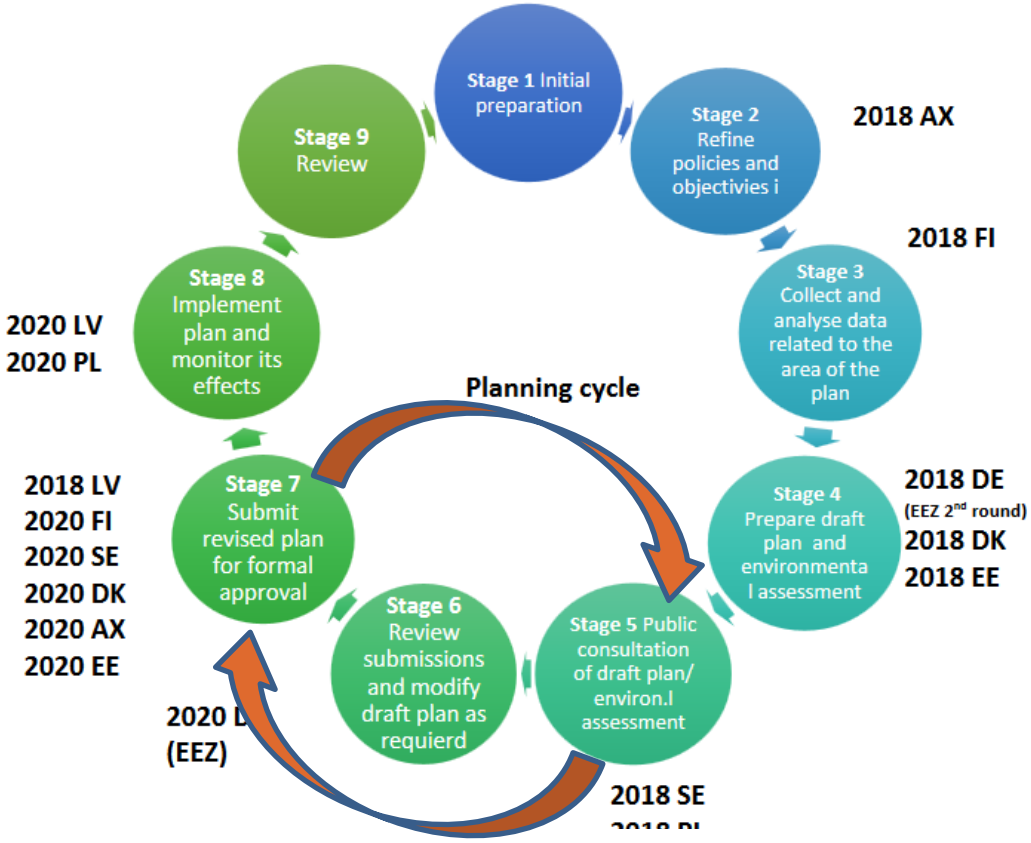
LATVIA

INGŪNA URTĀNE

MINISTRY OF ENVIRONMENTAL PROTECTION AND REGIONAL DEVELOPMENT

LV final MSP and SEIA will be circulated for second transboundary consultation in August 2018

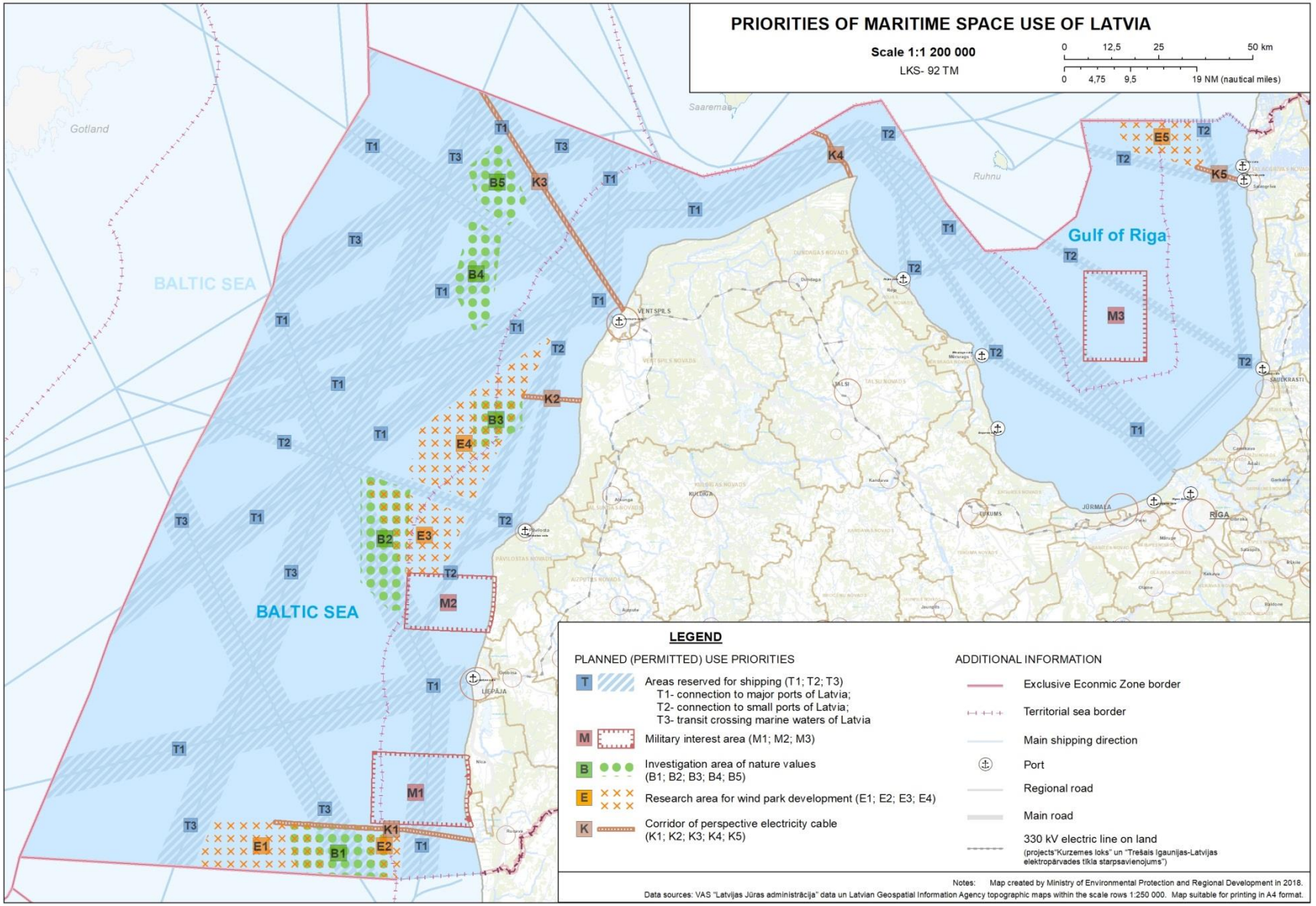


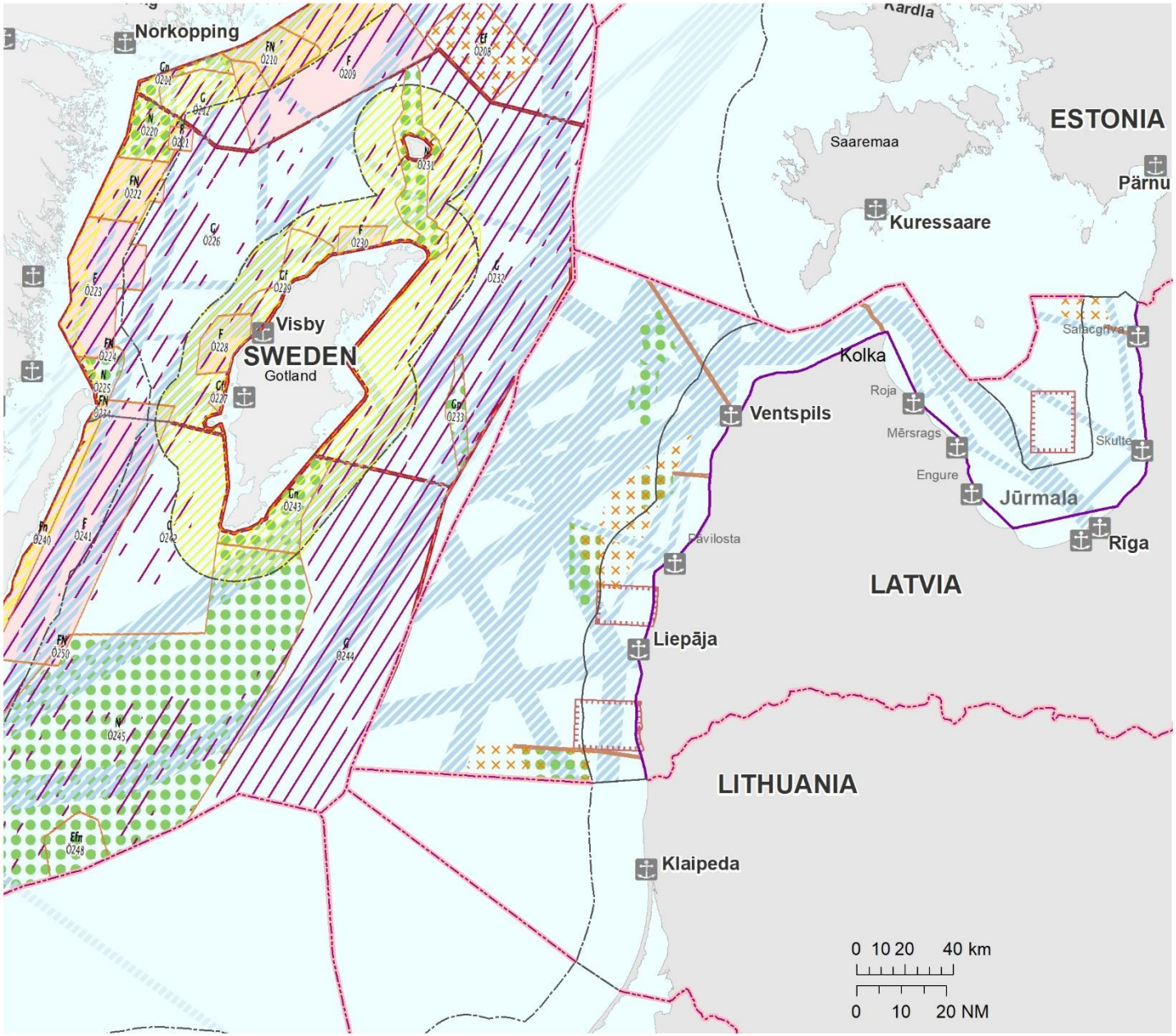
2015 2016 2017 2018

Baltic SCOPE towards coherence and cross-border solutions in Maritime Spatial Planning

Baltic LINes coherent linear infrastructures in Baltic Maritime Spatial Plans

Pan Baltic SCOPE


PRIORITIES OF MARITIME SPACE USE OF LATVIA
Scale 1:1 200 000
LKS- 92 TM
0 12,5 25 50 km
0 4,75 9,5 19 NM (nautical miles)
Gotland
Saaremaa
Ruhnu
BALTIC SEA
BALTIC SEA
Gulf of Riga
VENTSPILS
LIEPĀJA
RĪGA
JŪRMALA
T1
T2
T3
K1
K2
K3
K4
K5
B1
B2
B3
B4
B5
E1
E2
E3
E4
E5
M1
M2
M3
LEGEND
PLANNED (PERMITTED) USE PRIORITIES
T Areas reserved for shipping (T1; T2; T3)
T1- connection to major ports of Latvia;
T2- connection to small ports of Latvia;
T3- transit crossing marine waters of Latvia
M Military interest area (M1; M2; M3)
B Investigation area of nature values (B1; B2; B3; B4; B5)
E Research area for wind park development (E1; E2; E3; E4)
K Corridor of perspective electricity cable (K1; K2; K3; K4; K5)
ADDITIONAL INFORMATION
Exclusive Econmic Zone border
Territorial sea border
Main shipping direction
Port
Regional road
Main road
330 kV electric line on land
(projects"Kurzemes loks" un "Trešais Igaunijas-Latvijas elektropārvades tīkla starpsavienojums")
Notes: Map created by Ministry of Environmental Protection and Regional Development in 2018.
Data sources: VAS "Latvijas Jūras administrācija" data un Latvian Geospatial Information Agency topographic maps within the scale rows 1:250 000. Map suitable for printing in A4 format.



LEGEND

Maritime Spatial Plan priorities (Latvia)

- Investigation area of nature values
- Area reserved for shipping
- Corridor of perspective electricity cable
- Military interest area
- Research area for wind park development

Swedish MSP data for the Baltic Sea

- Ef / Efn — Energy extraction / *Energi*
- Shipping/ *Transport och kommunikationer*
- F — Defence (F) / *Försvar*
- Attractive living environments / *Attraktiva livsmiljöer*
- N — Nature / *Natur*
- Commercial fisheries
- G — General use

Additional information

- Main ports
- Exclusive Economic Zone borders
- Territorial waters
- Base line

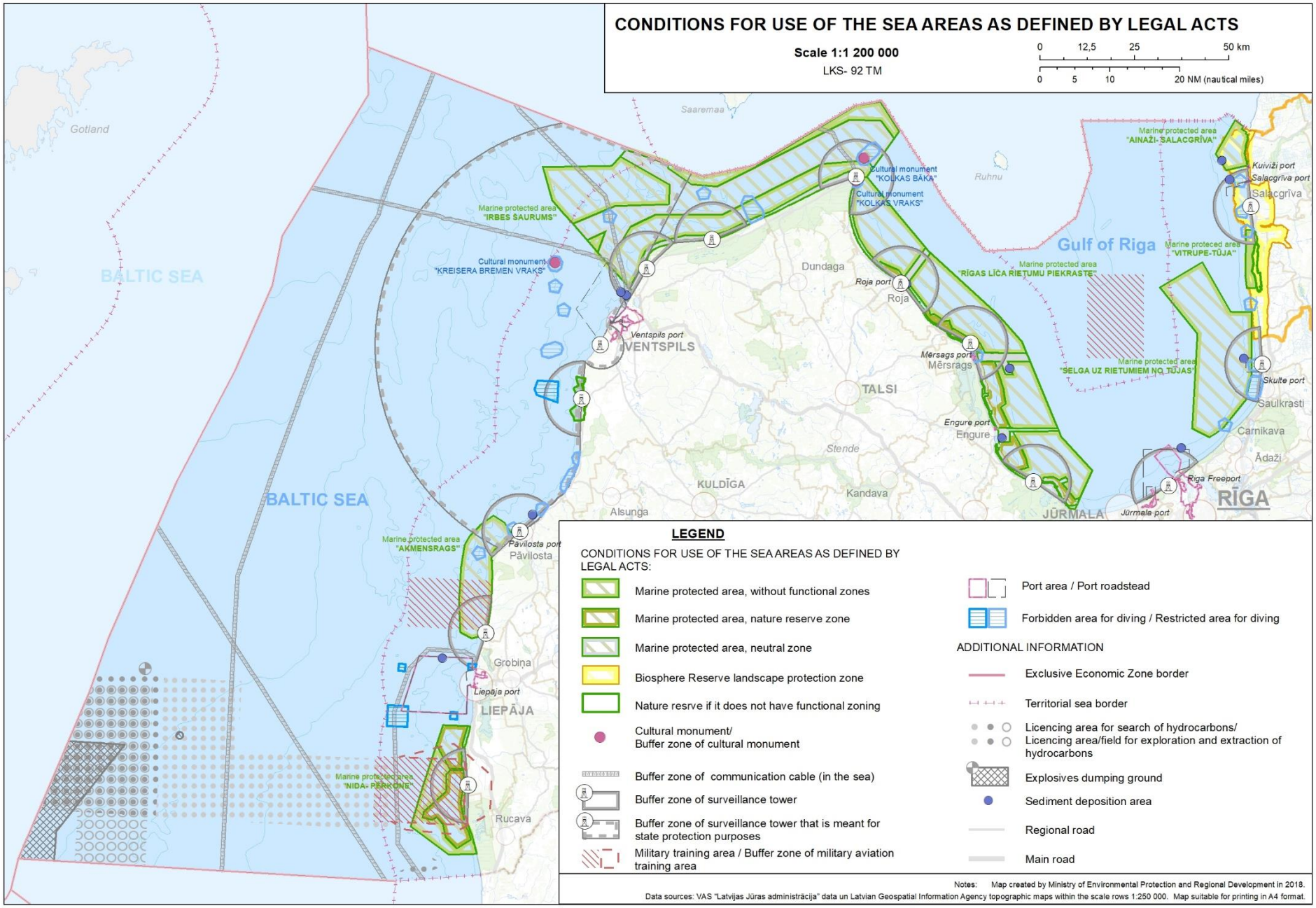
CONDITIONS FOR USE OF THE SEA AREAS AS DEFINED BY LEGAL ACTS

Scale 1:1 200 000

LKS- 92 TM

0 12,5 25 50 km

0 5 10 20 NM (nautical miles)



LEGEND

CONDITIONS FOR USE OF THE SEA AREAS AS DEFINED BY LEGAL ACTS:

- Marine protected area, without functional zones
- Marine protected area, nature reserve zone
- Marine protected area, neutral zone
- Biosphere Reserve landscape protection zone
- Nature resrve if it does not have functional zoning
- Cultural monument/ Buffer zone of cultural monument
- Buffer zone of communication cable (in the sea)
- Buffer zone of surveillance tower
- Buffer zone of surveillance tower that is meant for state protection purposes
- Military training area / Buffer zone of military aviation training area
- Port area / Port roadstead
- Forbidden area for diving / Restricted area for diving

ADDITIONAL INFORMATION

- Exclusive Economic Zone border
- Territorial sea border
- Licencing area for search of hydrocarbons/ Licencing area/field for exploration and extraction of hydrocarbons
- Explosives dumping ground
- Sediment deposition area
- Regional road
- Main road

Notes: Map created by Ministry of Environmental Protection and Regional Development in 2018.

Data sources: VAS "Latvijas Jūras administrācija" data un Latvian Geospatial Information Agency topographic maps within the scale rows 1:250 000. Map suitable for printing in A4 format.

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POLAND

KAMIL RYBKA

MINISTRY OF MARITIME ECONOMY AND INLAND NAVIGATION

The draft of the Maritime Spatial Plan of the Polish sea areas in scale 1:200.000

European Funds
Knowledge Education Development

European Union
European Social Fund

Timetable of preparation of Polish MSP draft plan

	2016		2017				2018				2019			
quarter:	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV
task:														
Announcement about start of planning process and collection of proposals to Plan														
Notification of institutions on start of planning process														
Preparation of list of proposals to Plan														
Announcement about public access to list of proposals to Plan														
Description of assumptions for the Plan (to prepare application concerning the scope of SEA)														
Proposed scope of SEA														
Agreement on the scope of SEA with the Regional Environmental Directorate and Sanitary Inspection														
I-st internatiional consultation meeting (general information, principles/requirements of future cooperation)														
Collection of updated data/information (except environmental data)														
Collection of updated environmental data, description of state of environment when no plan exists														
I-st national consultation meeting														
Preliminary draft of Plan (**v.0 of Plan**)														
II-nd national consultation meeting														
II-nd international meeting														
Preliminary drfat of SEA (**v.0 of SEA**)														
Draft of SEA (**V.1 of SEA**)														
Draft Plan accounting for stipulations of the SEA (**v.1 of Plan**)														
Agreements at national level														
Announcement about submitting the Plan for public perusal														
III-rd national consultation meeting ("public debate")														
Draft Plan after national consultation and public debate (**v.2 of Plan**)														
SEA after national agreements and public consultation (**v.2 of SEA**)														
Repeated national agreements														
Draft Plan after repeated national agreements and opinion of the Minister for regional development (**v.3 of plan**)														
SEA - final version (**v.3 of SEA**) - after repeated agreements														
Submission of application to the Minister rep. For regional development to confirm agreement of Plan with national development strategies														
III-rd international consultation meeting														
IV-th national consultation meeting (final conference)														
Translation of summaries of Plan and SEA for needs of Espoo process														

Espoo process, if necesary - redrafting of project Pan and repeated national agrrements, and finaly Regulation of Minister responsible for maritime economy and Minister responsible for regional development adopting the plan - after 12 - 24 months

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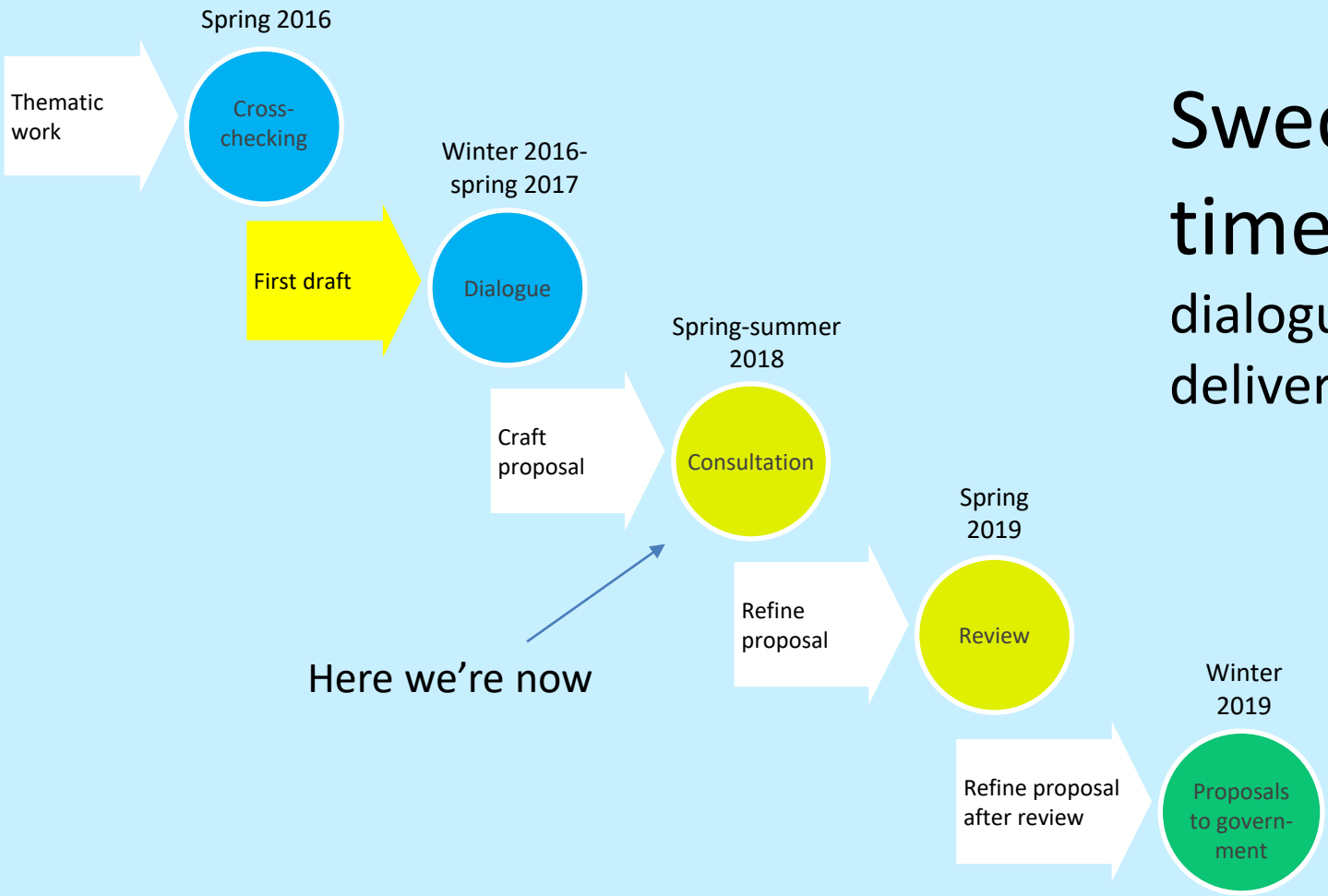
SWEDEN

JOACIM JOHANNESSON

SWEDISH AGENCY FOR MARINE AND WATER MANAGEMENT

Sweden timeline

dialogue and delivery



On-going consultation in Sweden

National until 15 August 2018

International incl. ESPOO until 1 October 2018

3 Consultation plan proposals with SEA:s

SYKE

VASAB
VISION & STRATEGIES AROUND THE BALTIC SEA

HELCOM

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Bringing better plans

Towards better alignments of marine spatial plans in the Baltic Sea Region

Swedish Agency for Marine and Water Management

BSH Bundesamt für Seeschiffahrt und Hydrographie

Ministry of Environmental Protection and Regional Development of the Republic of Latvia

Danish Maritime Authority

VASAB Vision & Strategies around the Baltic Sea

Republic of Estonia Ministry of Finance

Satakuntaliitto The Regional Council of Satakunta

HELCOM

SYKE

Nordregio

Ålands landskapsregering

Just so you know where to go

AFTER LUNCH

12.30

Land-Sea Interaction	Terrassen 1
Green Infrastructure	Terrassen 2
Impacts environment importance to society – cumulative, socioeconomic	Terrassen 3

Wrap up

WELCOME BACK!

Pan Baltic Scope

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Impacts on the environment and importance to society

- cumulative effect assessment and socioeconomic analyses in maritime spatial planning

Pan Baltic Scope
Opening conference Workshop

Swedish Agency for Marine and Water Management

BSH Bundesamt für Seeschiffahrt und Hydrographie

Ministry of Environmental Protection and Regional Development of the Republic of Latvia

Danish Maritime Authority

VASAB Vision & Strategies around the Baltic Sea

Republic of Estonia Ministry of Finance

Satakuntaliitto The Regional Council of Satakunta

SYKE

Nordregio

Ålands landskapsregering

Summary of important topics

What are the key bottlenecks that need to be passed in order to advance the analyses of cumulative impacts and socioeconomic analyses?

- **Harmonize language – talk about the same issues**
- **Standardized data**
- **Coherent modeling**
- **Data quality & lack of data**
- **Communication between/with sectors & users**
- **Assessing benefits – not only negative**

Summary of important topics

What are priority work and next steps to advance the estimation of impacts on society?

- **Focus on key impacts – and test, test, test**
- **Using existing models**
- **Use of indicators**
- **Trade-off analysis**
- **Estimation of impacts**
- **Beyond current methods**

Summary of important topics

What are priority work and next steps to advance transboundary coherence and collaboration?

- **Share information on Espoo-process**
- **Look at common future aims and using existing knowledge**
- **Comparing national approaches**
- **Using existing knowledge**

THANK YOU FROM THE LEAD PARTNER

You are more then welcome to

USE OUR STUFF
SPREAD THE WORD
– AND SEE YOU
AT OUR CLOSING CONFERENCE!

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Thank you!

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Swedish Agency for Marine and Water Management

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Ministry of Environmental Protection and Regional Development of the Republic of Latvia

Danish Maritime Authority

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Coffee and cake

TIME FOR ”FIKA”!

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