

Transboundary Collaboration in MSP – vision and reality

Angela Schultz-Zehden, s.Pro

Plan4Blue Final Conference, 4th June 2019, Helsinki



Who are we?

Key MSP projects Implemented by s.Pro



We develop and coordinate transnational studies on:

- Integrated Maritime Policy
- Maritime Spatial Planning
- Blue growth and assessment of future uses
- Innovative and sustainable marine uses
- Integrated management of estuaries



Today is a special day...



21st of September 2001



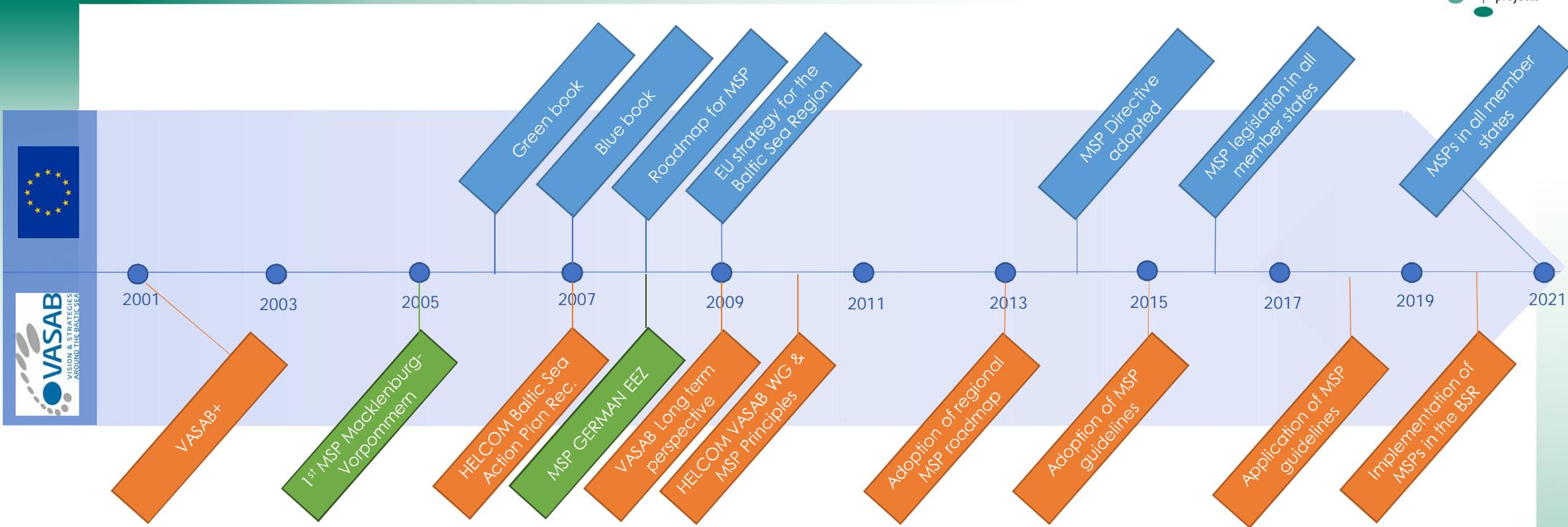
VASAB Ministerial Conference 2010

Wismar Declaration (21st Sept 2001):

Equally include *offshore* and landside coastal areas.
Growing *spatial conflicts* in coastal waters like the
one between *offshore wind-mill parks and
disturbed sea traffic* show a need to apply
instruments of spatial planning.



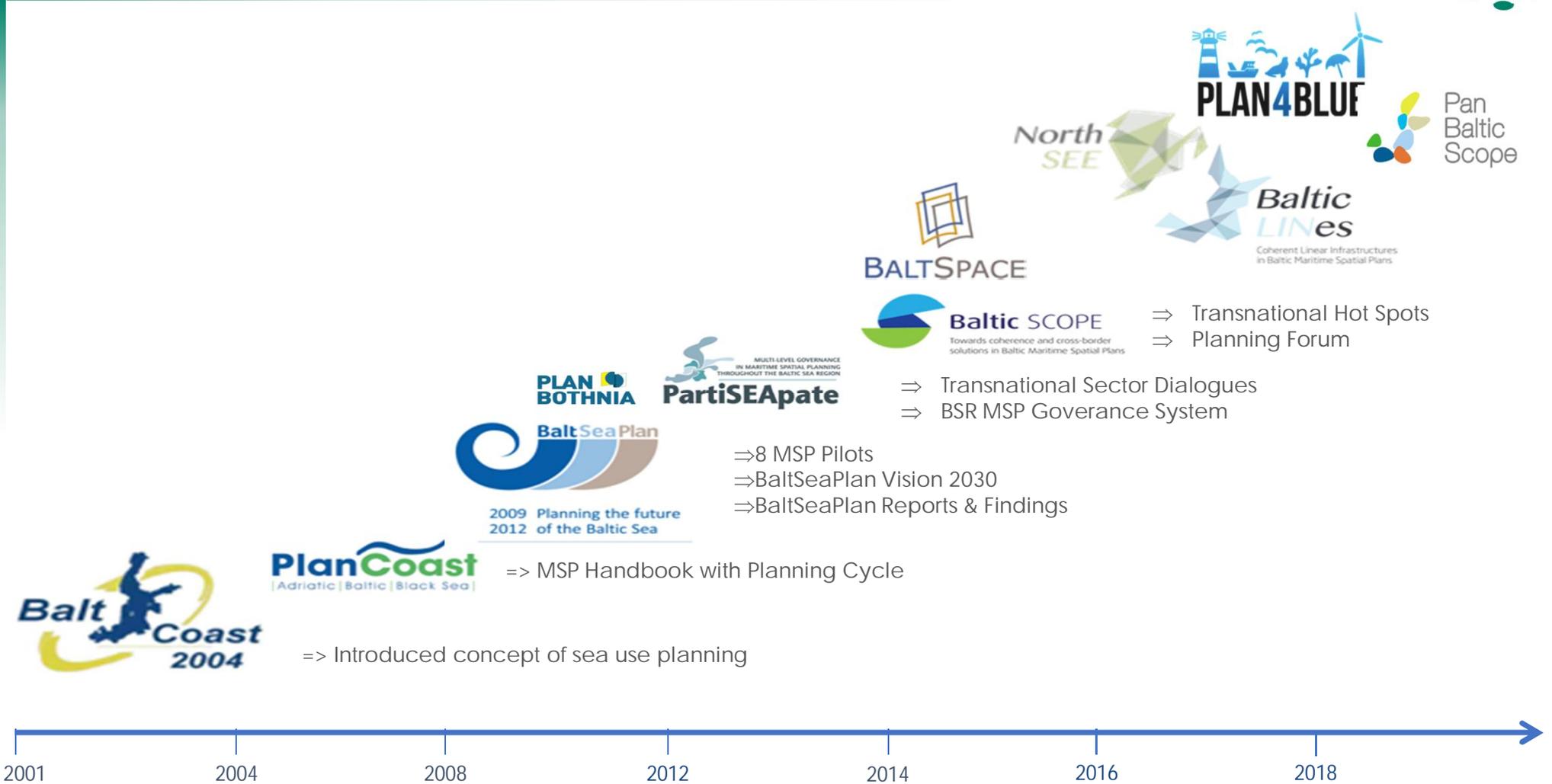
MSP History – in Baltic and Europe



Projects

A collection of logos for various projects and initiatives related to the Baltic Sea region, including Balt Coast 2004, PlanCoast, BaltSeaPlan, PartiSEApate, Baltic SCOPE, PLAN4BLUE, BALTSPEACE, and Baltic LINes.

MSP Projects - Building on each other

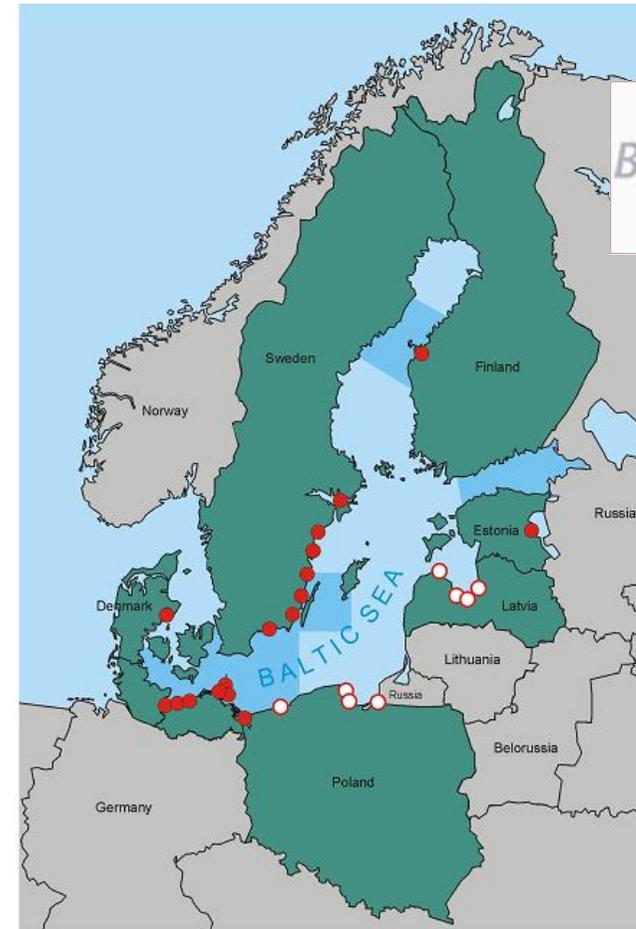


Integrated Coastal Zone Management (ICZM) in the BSR

Development of joint recommendations for an integrated coastal zone development strategy

Integrate them in the overall strategy for sustainable development in the BSR.

This could help to implement the recommendation on ICZD on national, regional and local level leading to institutional and procedural changes.



- Subprojects approved
- Subprojects not yet approved
- WP 1: Pilot offshore areas



BaltCoast Recommendations (2005)

Use the strengths of spatial planning for cross-sector coordination in offshore development:

- Promote preparation of **spatial plans for offshore areas**
- Use **territorial impact assessment tools** for projects

Introduce tools and methods for spatial coordination of offshore uses

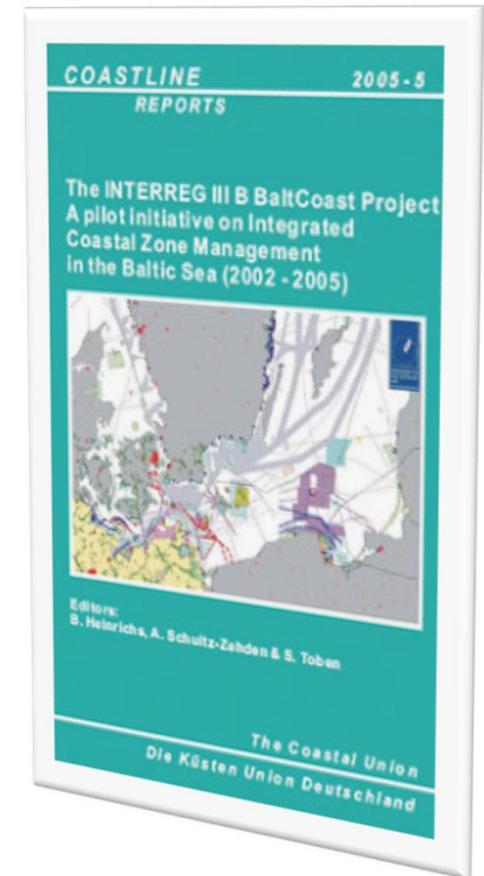
- Improve availability and accessibility of **mapped information**
- Define basic **national policies for offshore development which are coordinated cross-sectorally**
- Improve effectiveness of **cross-border consultation for offshore development plans & projects**
- Prepare indicative **guidelines for content & procedures of offshore spatial planning**
- Apply **ICZM principles in offshore planning**
- Ensure **wide involvement of stakeholders** in planning for offshore development



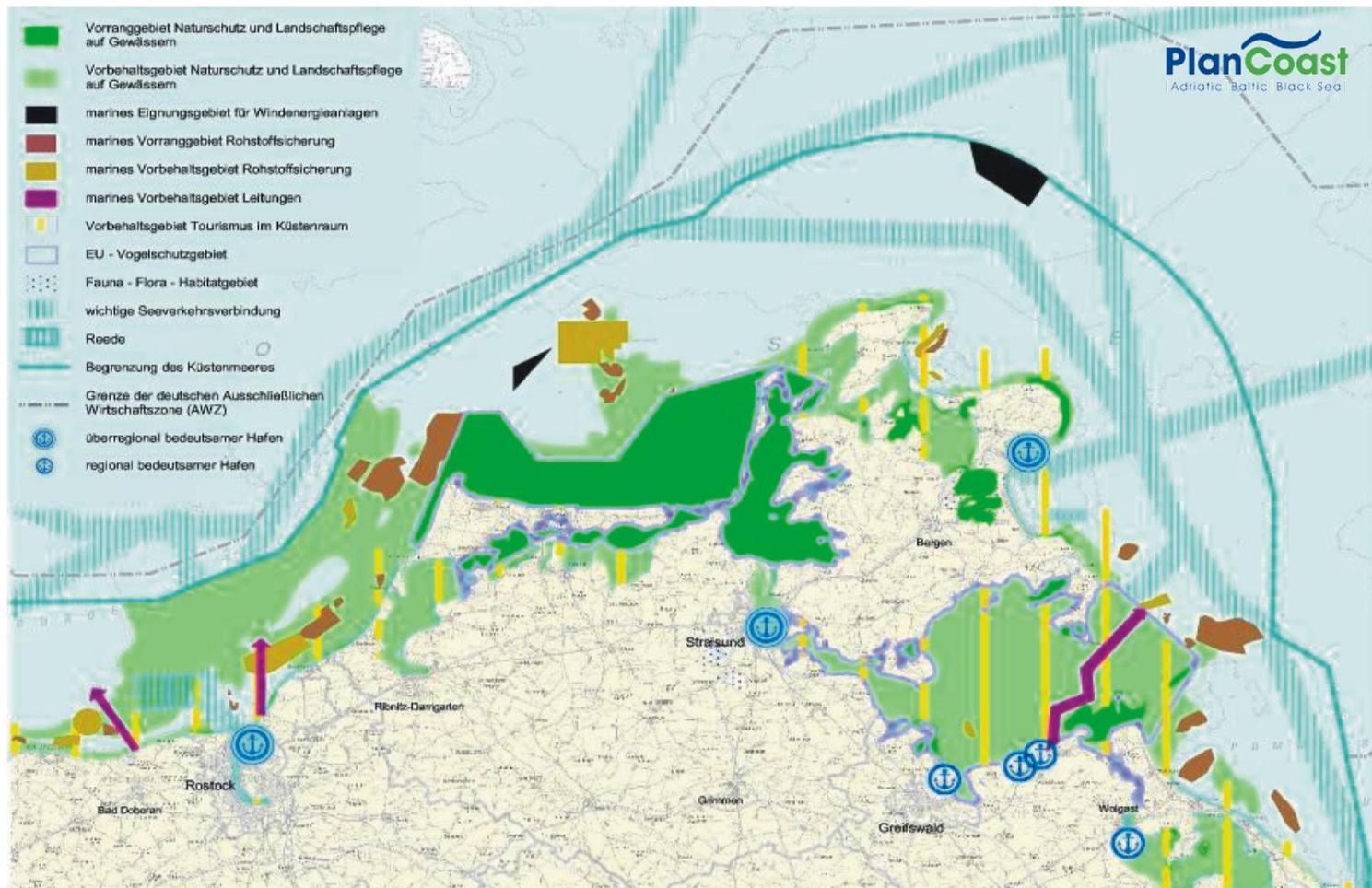
BaltCoast Recommendations (2)

Improve transnational discussion and concertation process

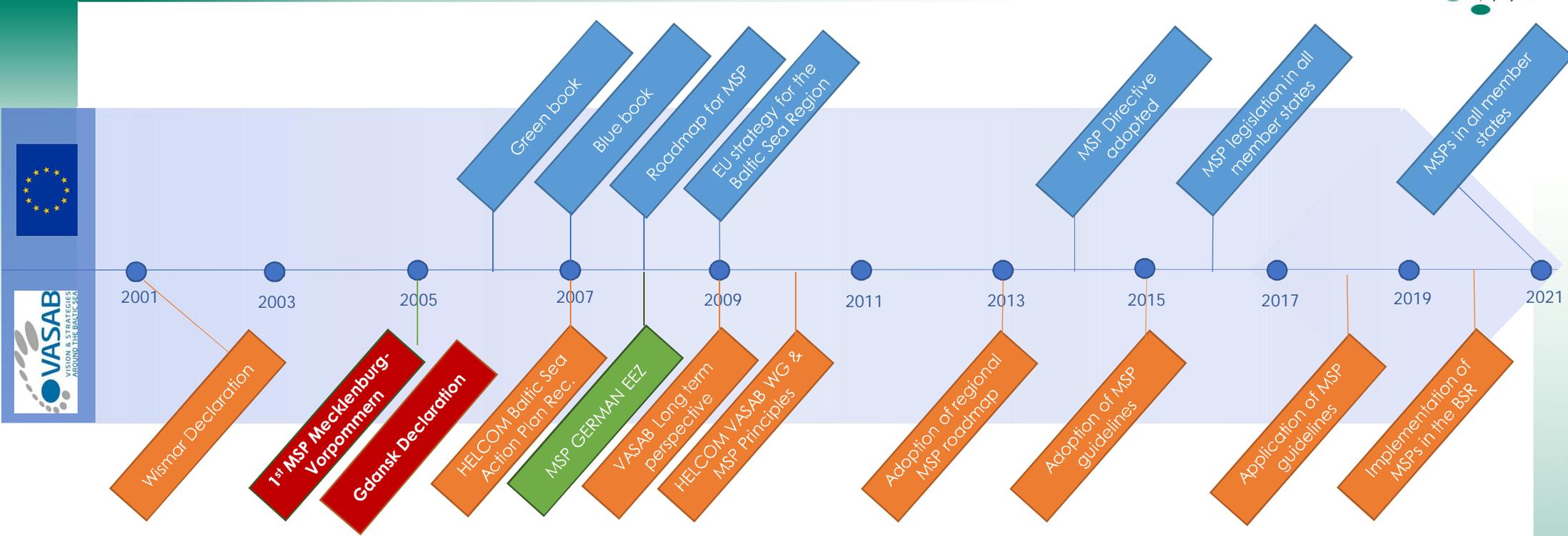
- Continued **dialogue with HELCOM, Baltic 21, VASAB, EU Commission** on principles of offshore spatial planning
- Seek continued **consultation with the EU regarding recommendations on ICZM, EIA and SEA directive**
- Develop **transnationally concerted plans for offshore infrastructure corridors**
- Promote **transnational research & pilot projects**
- Promote **experience exchange with other regions**



1st MSP adopted in German Baltic Sea - (2005)



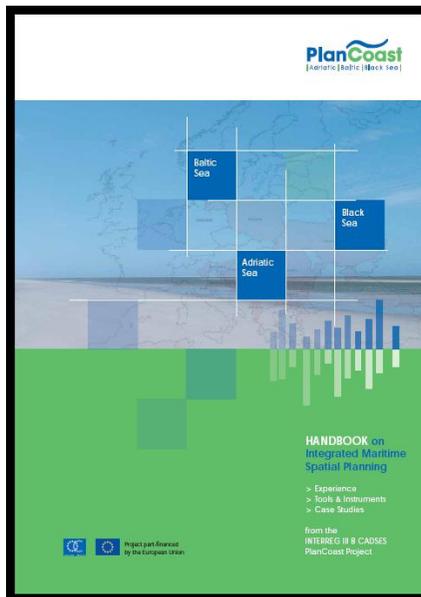
MSP History – in Baltic and Europe



Projects

- Balt Coast 2004
- PlanCoast |Adriatic|Baltic|Black Sea|
- BaltSeaPlan 2009 Planning the future of the Baltic Sea
- PartiSEApate MULTI-LEVEL GOVERNANCE IN MARITIME SPATIAL PLANNING THROUGHOUT THE BALTIC SEA REGION
- Baltic SCOPE Towards coherence and cross-border solutions in Baltic Maritime Spatial Plans
- Pan Baltic Scope
- PLAN BOTHNIA
- BALTSPACE
- Baltic LINES Coherent Linear Infrastructures in Baltic Maritime Spatial Plans

Defining the Planning Process (2008)

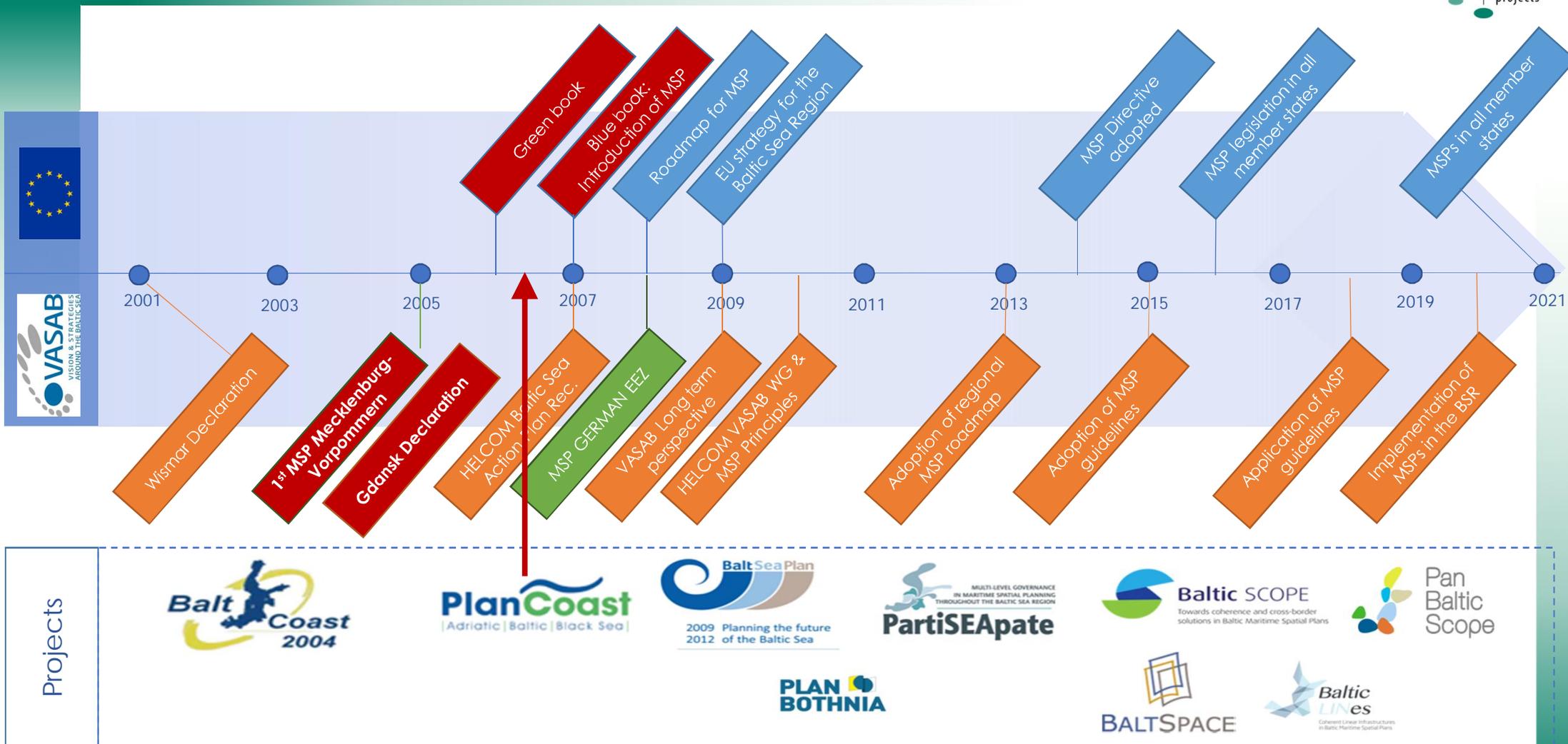


PlanCoast Handbook on IMSP

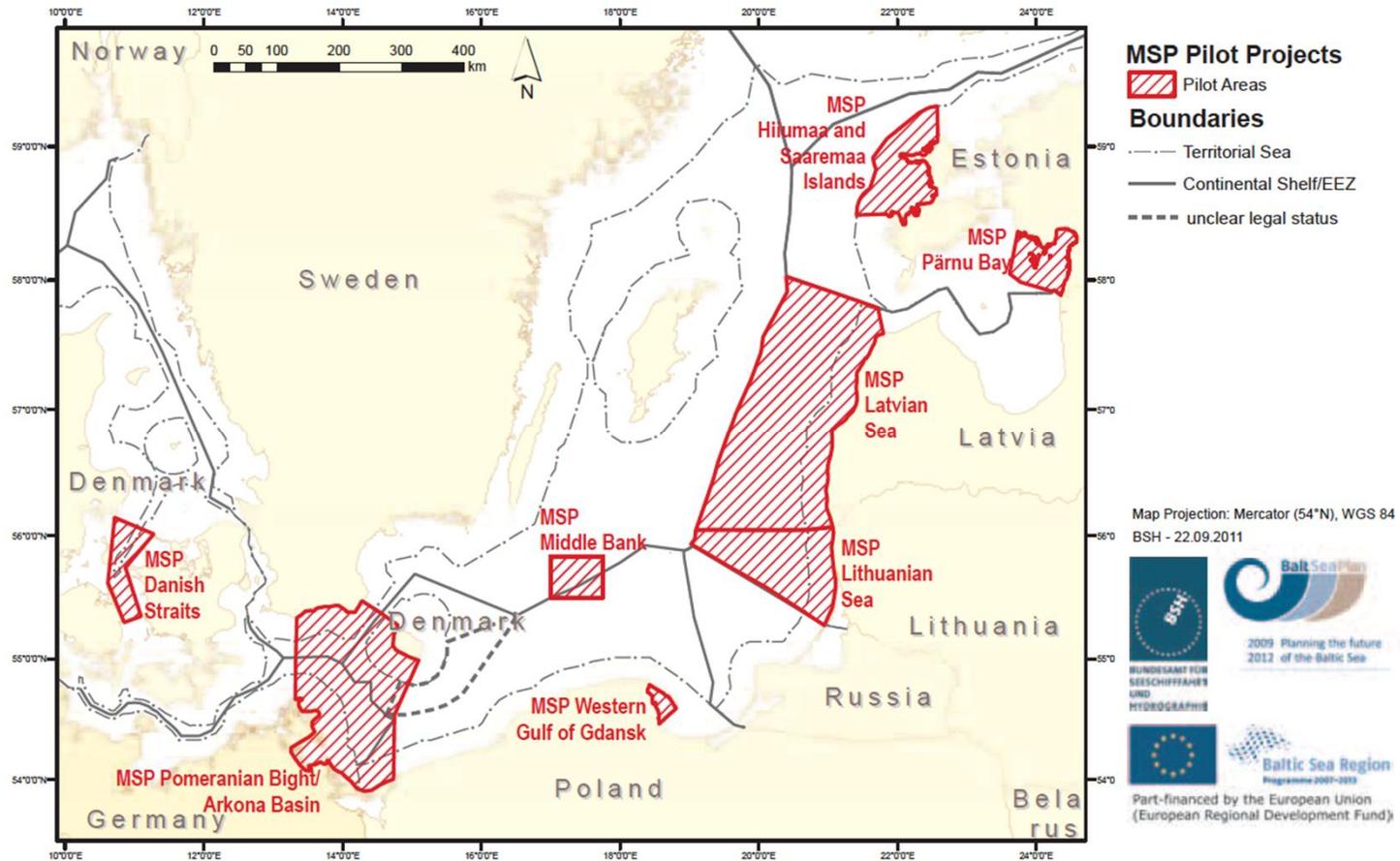


Schultz-Zehden, A., et al., PlanCoast (2008)

MSP History – in Baltic and Europe



What was BaltSeaPlan?

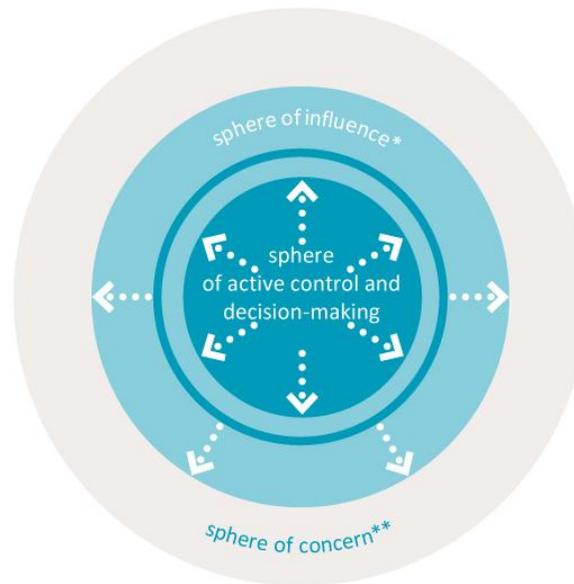


Expert Workshop: Learning from MSP in the Baltic Sea Region.
Brussels, 20 March 2013. Kira Gee. www.baltseaplan.eu

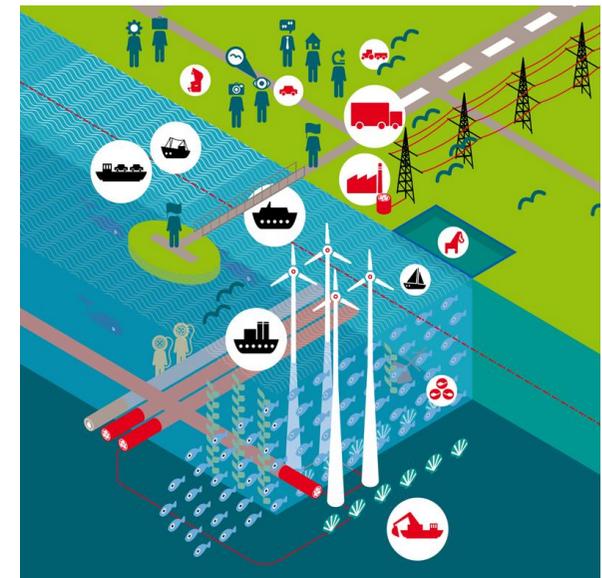
BaltSeaPlan Vision (2011)



How would we like to see in the region by 2030 -
how can MSP help to get there?



Extend our planning horizon –
increase **sphere of influence**
rather than wait for things to happen



Pan-Baltic Topics....

- *Healthy marine environment*
- *Coherent pan-Baltic energy policy*
- *Safe, clean and efficient maritime transport*
- *Sustainable fisheries*

Action Agenda of the VASAB Long Term Perspective (2009)



Sea fully integrated

Actions related to MSP

Action 14: Motorways of the Sea ...

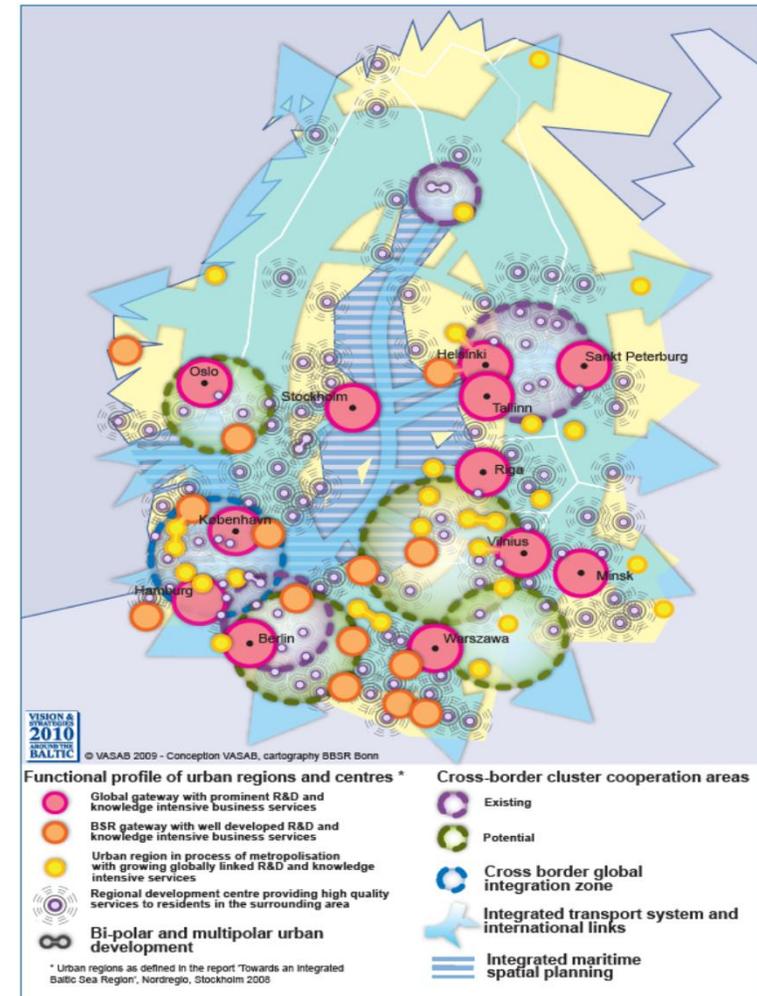
Action 15: Intelligent sea transport corridors

Action 17: BSR Energy Supergrid ...

Action 20: Common approach for Baltic Sea MSP

Action 21: Demonstration projects for areas of severe use conflicts (e.g. Gulf of Finland, Gulf of Riga,)

Action 22: Capacity building actions in MSP



A Healthy Marine Environment 2030

- > Good Environmental Status achieved; pollution and nutrient inputs substantially reduced / good water quality achieved
- > Important biota & habitats protected / high biodiversity achieved

Ecosystem approach as an overarching principle for MSP

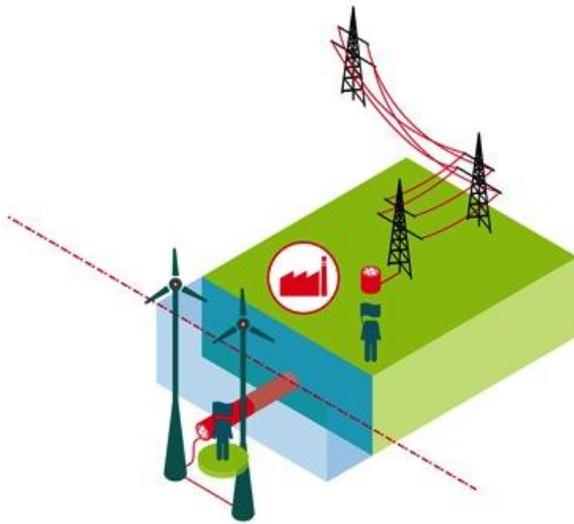
Spatial planning implications:

- > Habitat connectivity is ensured
- > Environmental data translated into spatial information
- > Research is more spatially focused; natural science research forms basis for quality objectives
- > Transnational evaluation criteria have been developed
- > Impacts of uses are evaluated across borders



A coherent pan-Baltic energy policy 2030

- > The Baltic Sea Region relies on as much renewable energy as possible
- > An allocation has been achieved between BSR countries in terms of which renewables are to be realised where depending on specific conditions; some countries will be net importers / others net exporters of renewable energy
- > Offshore wind-farming has been realised in suitable areas

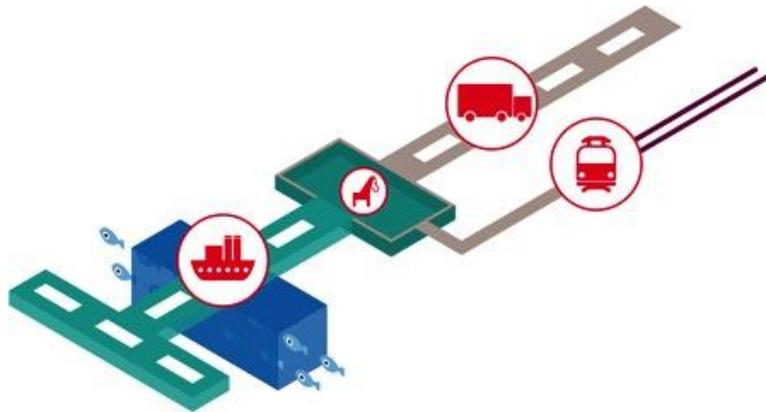


MSP Implications:

- > A pan-Baltic energy infrastructure (**SuperGRID**) is in place
- > **Land- / sea-based grids well integrated**
- > Cable connections / oil & gas pipelines **bundled in corridors**
- > Space set aside for renewable energy aims
- > **Co-uses promoted**
- > Locations outside risk areas & sensitive areas, based on environmental pre-screening & risk assessment of sites

Safe, clear and efficient Maritime Transport 2030

- > Sea transport is an integral part of wider Baltic Sea Region transport policy with well-planned hinterland connections
- > Separation schemes are in place – safe and efficient shipping along designated routes: Faster / less dangerous along these routes
- > Ships use clean fuel and ports have adapted to this

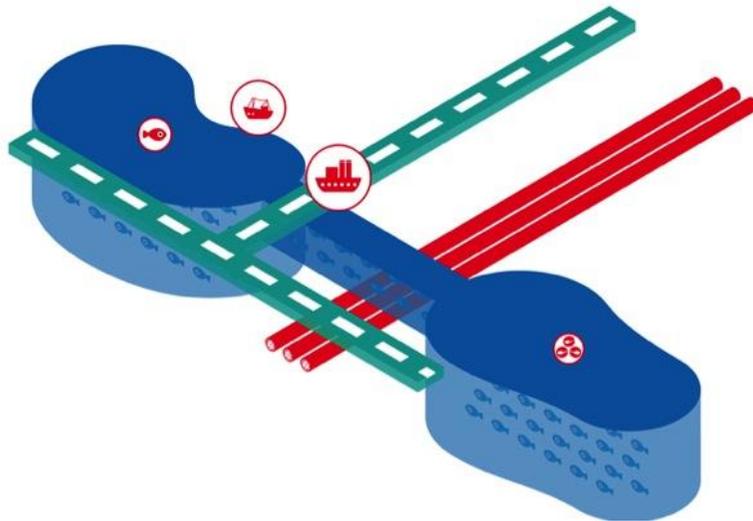


MSP Implications:

- > Ports and shipping lanes based on **integrated view**
- > **Intelligent corridors / routes** established; not impeded by fixed installations
- > Rearrangement of shipping lanes possible
- > Areas where shipping needs to be avoided or compulsory pilotage systems put in place
- > Transnational contingency planning

Sustainable fisheries and aquaculture 2030

- > Baltic Sea fisheries (incl mariculture) deliver high quality food AND are managed in such way that sustainable stocks are secured & integrity of ecosystems is preserved
- > Established fishing practices in the Baltic are supplemented by extensive sea ranching schemes
- > Marine aquaculture (incl. algae & mussel cultivation) has gained relevance, but is only allowed where environmentally sound



MSP Implications:

- > Blue Corridors for fish are guaranteed
- > Spawning & nursery areas are protected
- > No-take rules and management practices have been implemented
- > Area for marine aquaculture have been carefully selected
- > Fisheries management legislation has been revised according to MSP needs

Key messages: From MSP Principles to Planning Principles

> Pan-Baltic Thinking....

the whole Baltic Sea as ONE planning space and ONE ecosystem

> Pan-Baltic Objectives & Targets....

For environment, energy, transport, fisheries

> Spatial allocation based on....

Baltic Sea wide environmental assessment
Socio-economic cost-benefit analysis

> Spatial connectivity....

Linear infrastructure, corridors and patches form backbone of national MSPs

> Spatial efficiency....

Baltic Sea space is used sparingly
Maximize use of "used" space – co-use
Leave as much space 'free' as possible

> Spatial subsidiarity....

Spatial challenges are dealt with at the lowest most appropriate spatial level

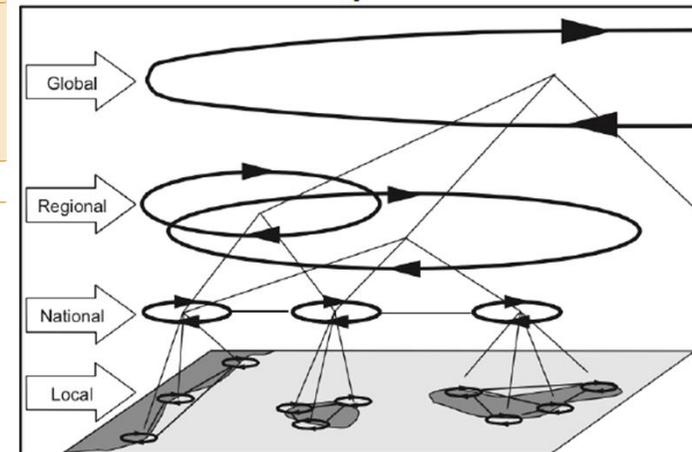
DIFFERENT ROLES & RESPONSIBILITIES IN MSP (A POSSIBLE SET UP)

INTERNATIONAL				A formal pan-Baltic decision making body agrees, endorses and adapts common objectives and targets
NATIONAL			National structures established to implement MSP translate commonly agreed objectives and targets for Baltic Sea space into a spatial framework taking into account transnational principles.	A technical trans-national coordinating body implements the transnational decisions and ensures the necessary "day to day" cooperation and coordination (linked to transnational data, see next chapter)
REGIONAL			The regional and local level integrate economic and spatial planning and are responsible for detailed territorial planning	
LOCAL				
	COAST	12SMZ		

responsibility (diagonal arrow from bottom-left to top-right)

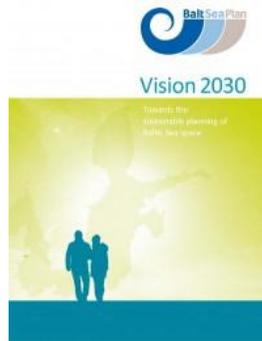
NESTED APPROACH:

All scales are necessary and have to be linked



Fanning et al. 2013

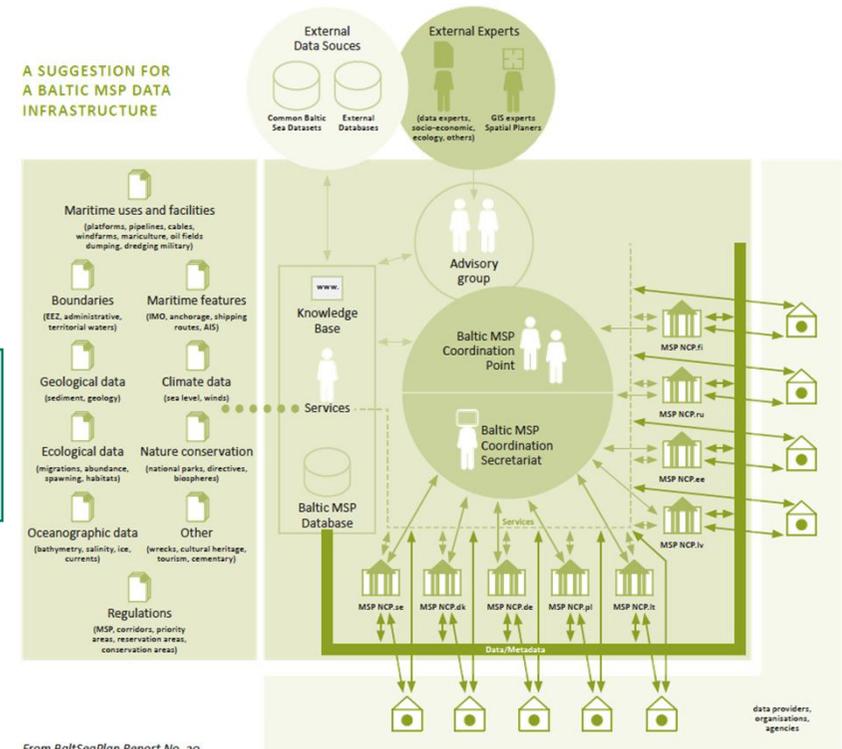
Important elements of pan-Baltic MSP (2011)



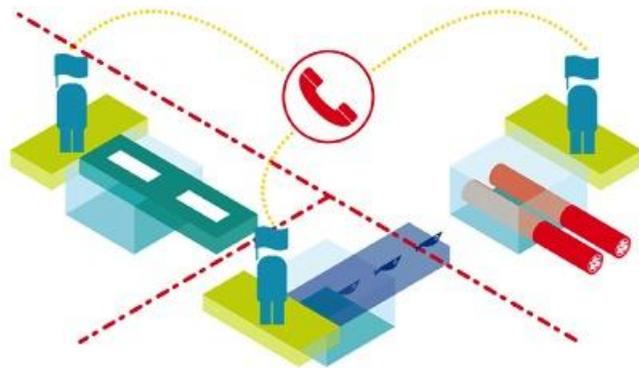
Appropriate structures

- National MSP Authorities
- Transnational cooperation
- MSP coordinating body

Pan-Baltic Data management & Monitoring

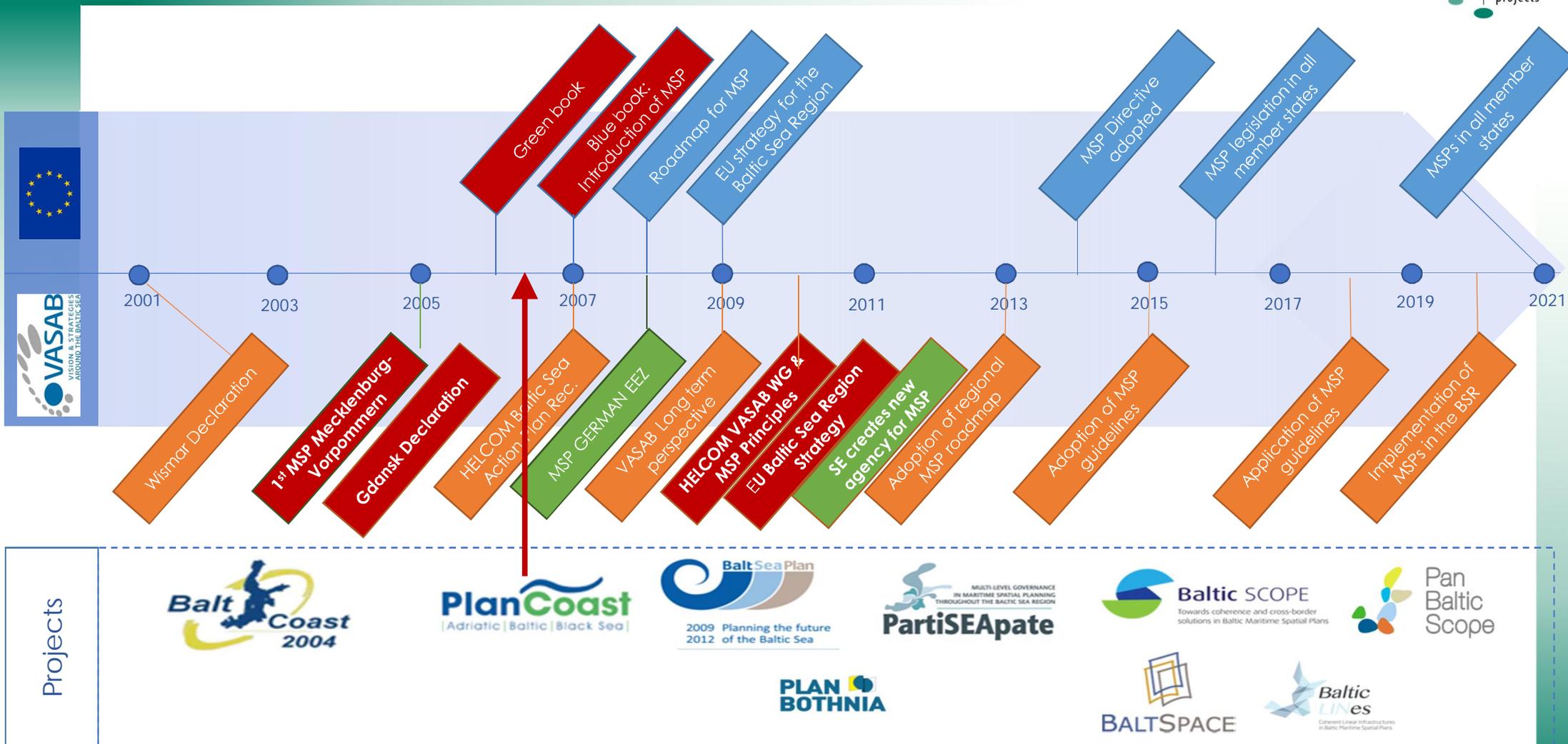


From BaltSeaPlan Report No. 20



Transnational Consultation & Stakeholder involvement

MSP History – in Baltic and Europe

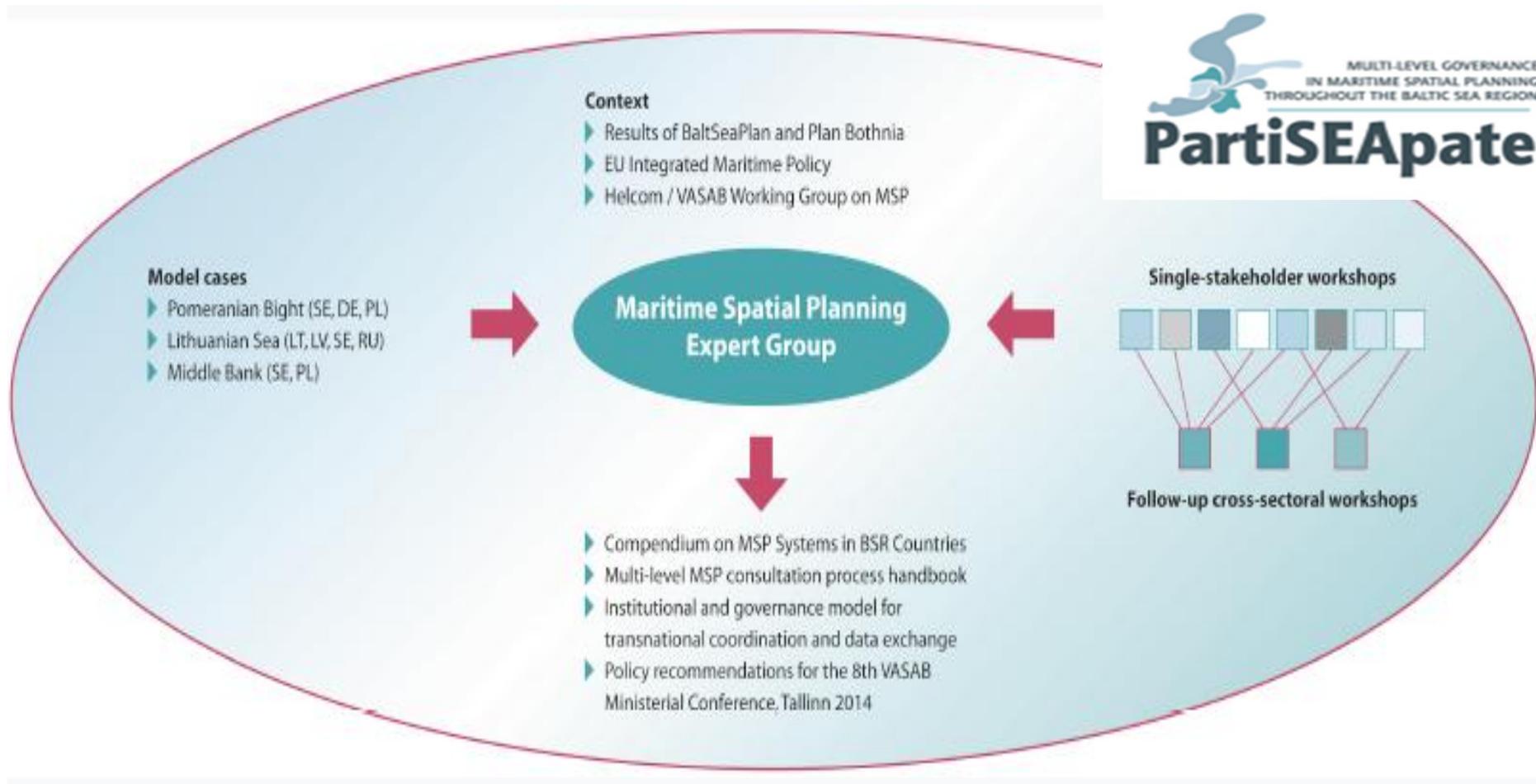


HELCOM-VASAB MSP Principles on broad scale MSP

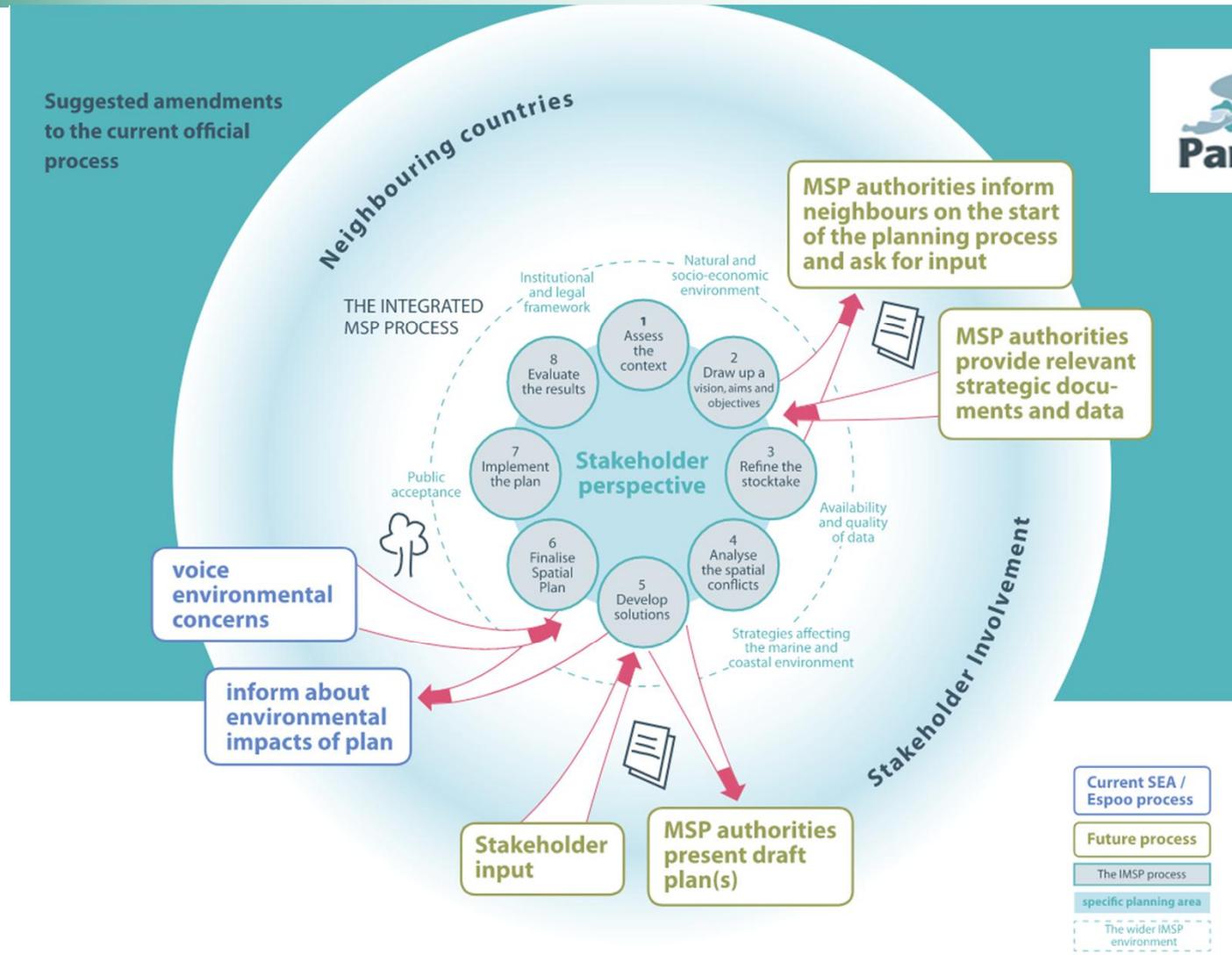
1. Sustainable management
2. Ecosystem approach
3. Long term perspective and objectives
4. Precautionary Principle
5. Participation and Transparency
6. High quality data and information basis
7. Transnational coordination and consultation
8. Coherent terrestrial and maritime spatial planning
9. Planning adapted to characteristics and special conditions at different areas
10. Continuous planning



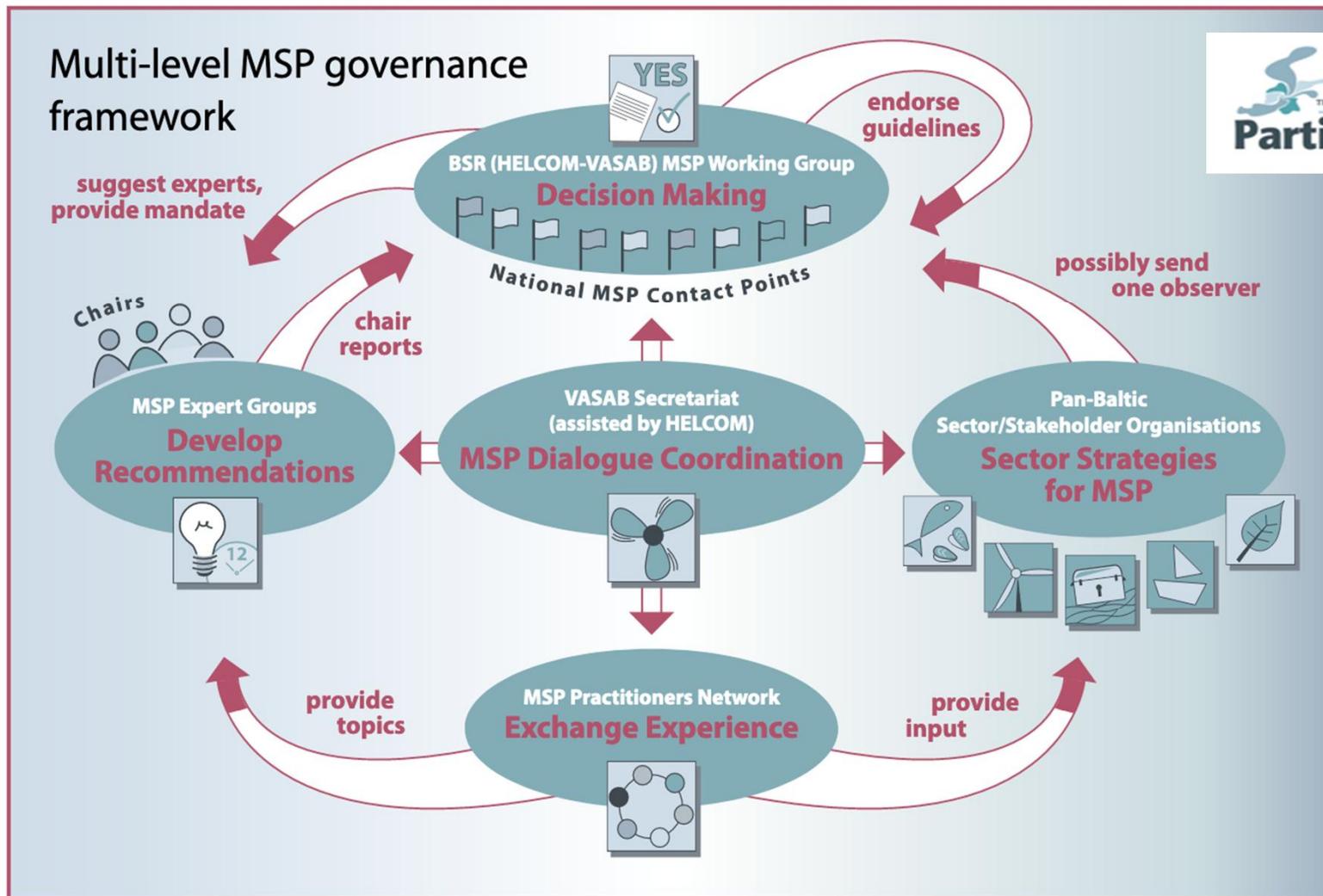
PartiSEApate: Multi-Level / Transnational MSP Governance 2012 - 2014



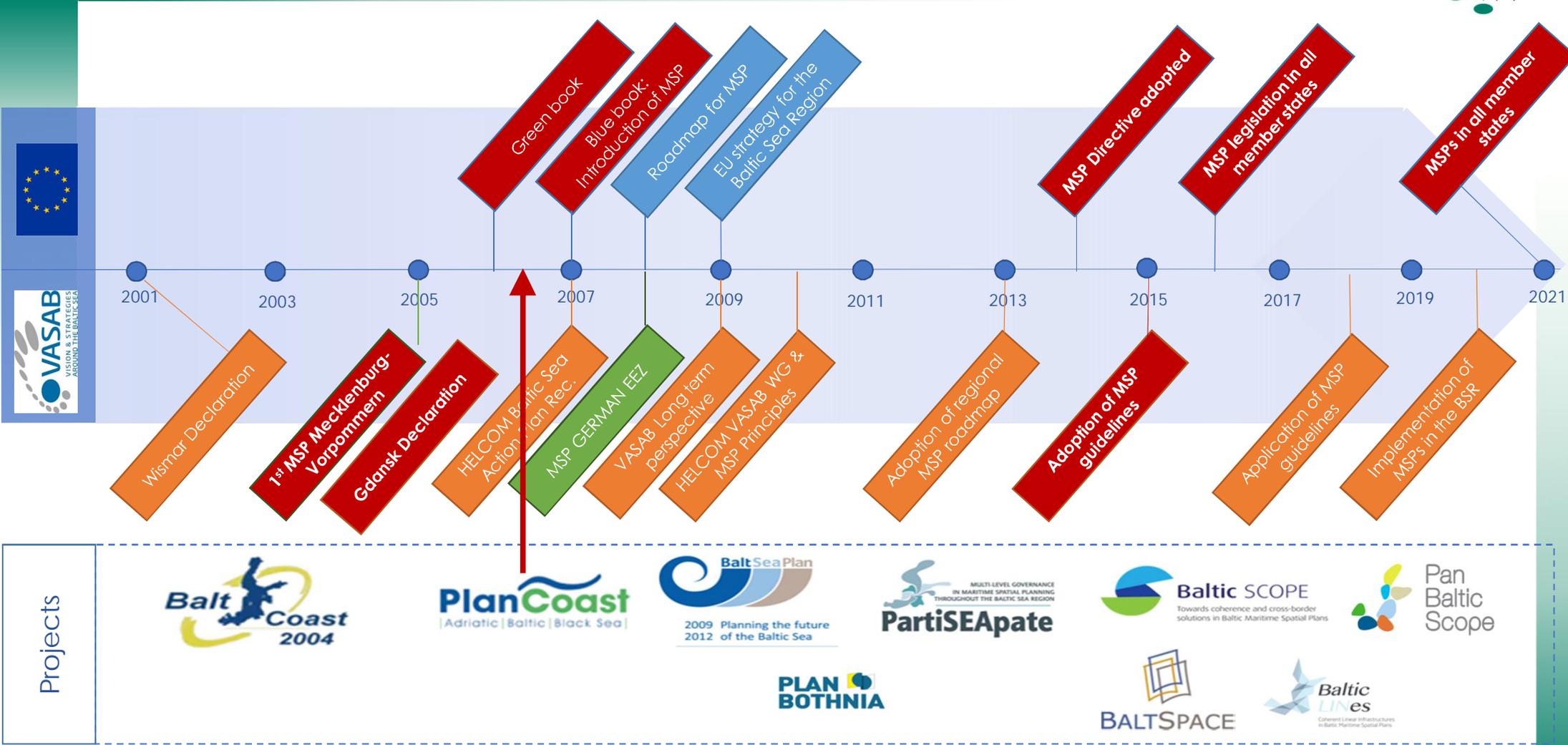
Suggested improvements to consultation process (2014)



MSP Governance system in the Baltic Sea Region (2014)



MSP History – in Baltic and Europe





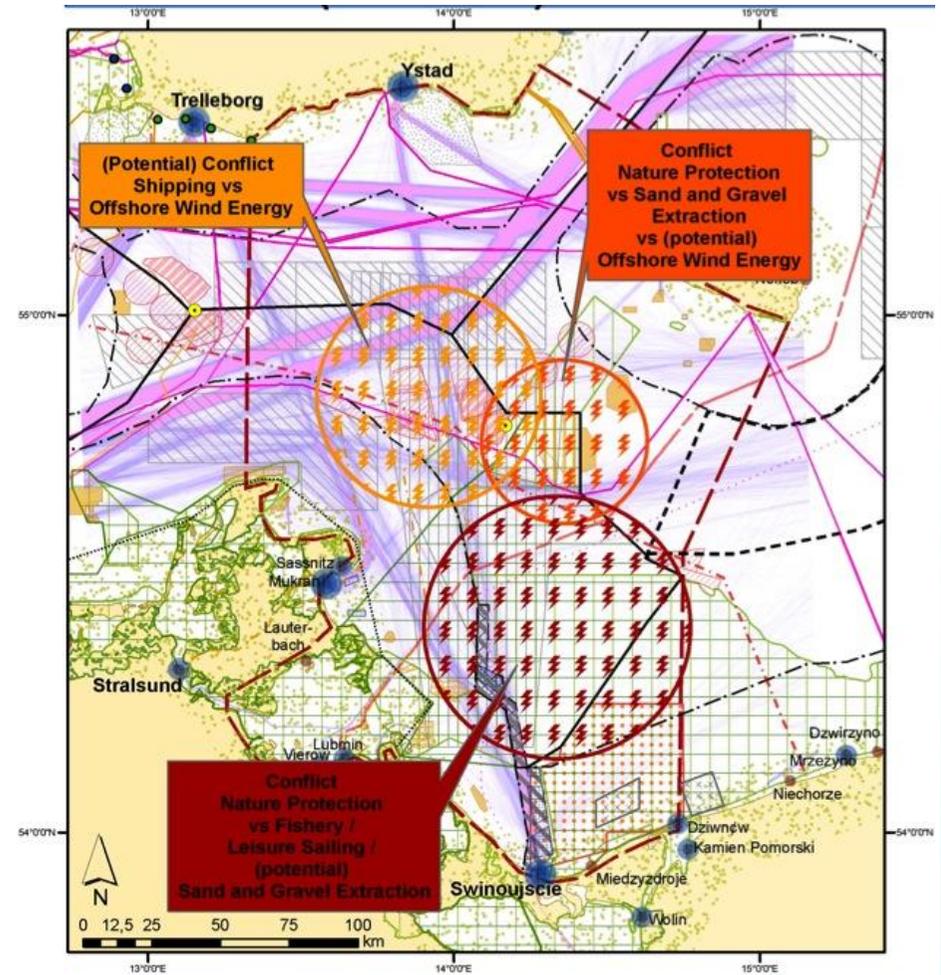
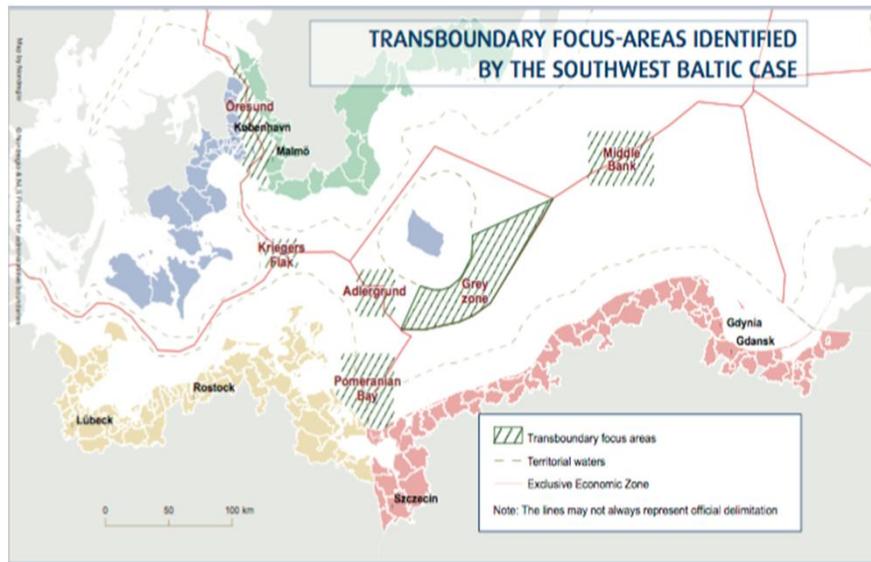
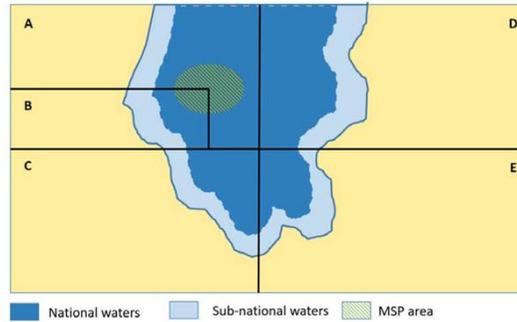
Baltic SCOPE

Towards coherence and cross-border solutions in Baltic Maritime Spatial Plans

Hot-spot areas for planning



Cross-border MSP (countries A & B)



Hot-spot area matrix

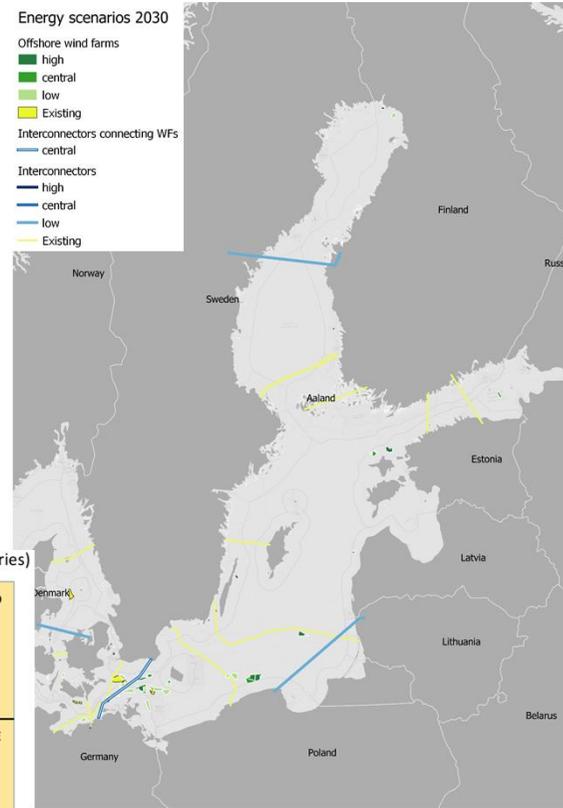
FOCUS AREA	Middle Bank		Adlergrund			Kriegers Flak		
INTEREST / COUNTRIES participating	PL	SE	SE	DK	DE	SE	DK	DE
Offshore Wind Energy (planned/existing)	strong interest	strong interest	no interest	no interest	strong interest	strong interest	strong interest	strong interest
Power Cables (planned / existing)	strong interest	strong interest	no interest	strong interest	strong interest	strong interest	strong interest	strong interest
Data Cables (planned / existing)	minor interest	no interest	no interest	no interest	no interest	strong interest	no interest	strong interest
Pipelines (planned/existing)	no information	minor interest	no information	no information	strong interest	strong interest	strong interest	strong interest
Other physical Infrastructure (Tunnel etc.)	no interest	no interest	no interest	no interest	no interest	no interest	no interest	no interest
Ship Traffic / IMO Routes	minor interest	strong interest	strong interest	minor interest	strong interest	strong interest	minor interest	strong interest
Sand and Gravel Extraction (planned/existing)	strong interest	minor interest	minor interest	strong interest	strong interest	minor interest	strong interest	no interest
Fishery	minor interest	minor interest	minor interest	no interest	minor interest	strong interest	no interest	minor interest
Conservation Areas	minor interest	minor interest	?	strong interest	strong interest	?	no interest	no interest
Other Nature Conservation and Managing Interests	??	??	no interest	no interest	strong interest	no interest	no interest	minor interest
Defence	no interest	no interest	no interest	no interest	minor interest	?	no interest	minor interest
Planning Restrictions/ Regulations existing	no interest	no interest	no interest	no interest	existing planning restrictions/regulations	no interest	no interest	existing planning restrictions/regulations
Territorial Sea (TS) / Exclusive Economic Zone (EEZ)	EEZ	EEZ	EEZ	EEZ	EEZ / TS	EEZ / TS	EEZ / TS	EEZ / TS
Notes / remarks	there might be NGO interests with regard to nature conservation (harbour porpoise); IBA		need for more information from DK			nature conservation interests in German EEZ with regard to bird migration (cranes) and reef structures		
Responsibility for (geographical) information about areas	SE+PL		DE			DE+SE		

strong interest
 minor interest
 no interest
 no information
 existing planning restrictions/regulations
 no restrictions/ regulations known

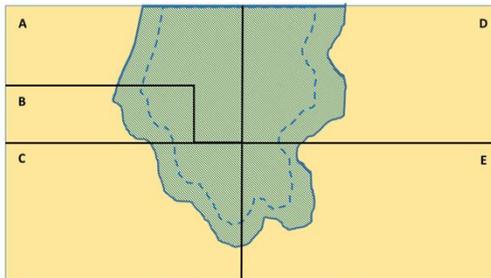
Coherent Linear Infrastructure



Energy

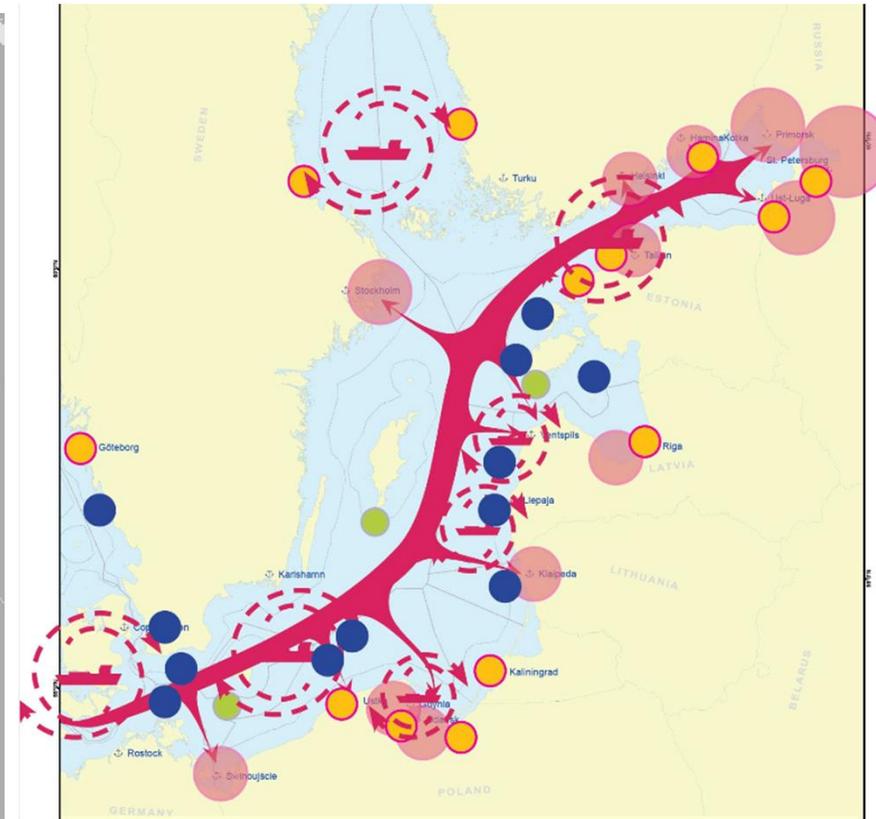


Transboundary MSP (national & sub-national waters of all countries)



■ National waters ■ Sub-national waters ■ LME area

Shipping



Where are we today?

An (objective / subjective) assessment

MSP authorities in all EU Member States

- Ministry of **Business and Growth**
- Ministry of **Finance**
- Ministry of the **Environment**
- Federal Ministry of **Transport** and Digital Infrastructure
- Federal **Maritime** and Hydrographic Agency
- Ministry of **Environment** and Energy
- Ministry of Housing, **Planning**, Community and Local Government
- Belgian Minister of the **North Sea**
- Ministry of Construction and **Physical Planning**
- Ministry of **Transport**, Communications and Work
- Ministry of **Environmental** protection and Regional **Development**
- Environment** and **Planning Authority**
- Ministry of Infrastructure and **Environment**
- Ministry of Maritime **Economy** and Inland Navigation
- Ministry of the **Sea**
- Ministry of Regional **Development** and Public Administration
- Ministry of the **Environment** and **Spatial Planning**
- Ministry of Agriculture, Food and **Environment**
- Swedish Agency for **Marine and Water** Management
- Department for **Environment**, Food and Rural Affairs
- Ministry of **Environment** and Energy

samples from
23 EU coastal
Member States

Baltic Principles => EU Directive Minimum requirements

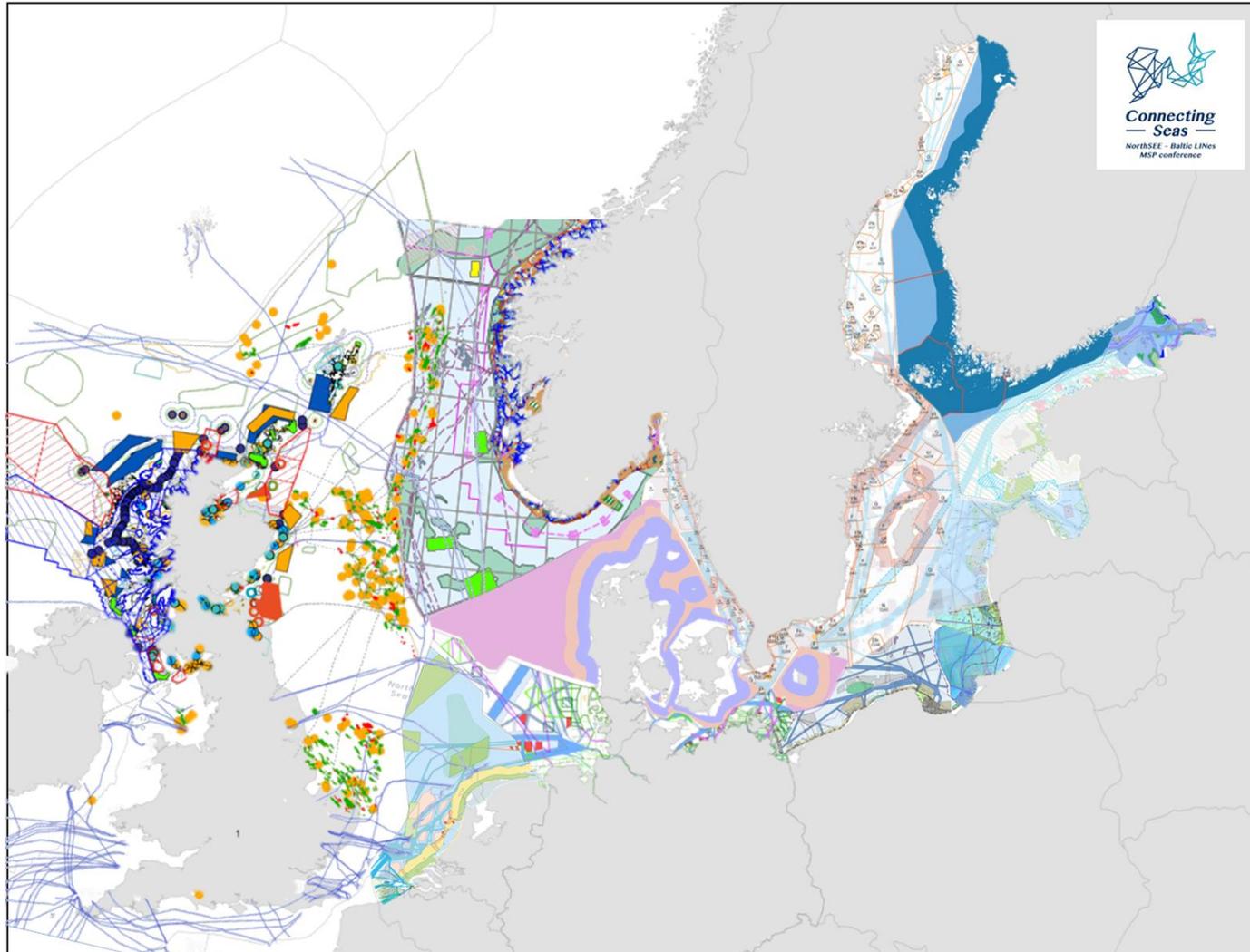
1. Sustainable management
2. Ecosystem approach
3. Long term perspective and objectives
4. Precautionary Principle
5. Participation and Transparency
6. High quality data and information basis
7. **Transnational coordination and consultation**
8. Coherent terrestrial and maritime spatial planning
9. Planning adapted to characteristics and special conditions at different areas
10. Continuous planning

- Member States shall
- take into account land-sea interactions;
 - take into account environmental, economic and social aspects, as well as safety aspects;
 - aim to promote coherence between maritime spatial planning and the resulting plan or plans and other processes, such as ICZM or equivalent formal or informal practices;
 - ensure the involvement of stakeholders
 - organise the use of the best available data
 - ensure trans-boundary cooperation between Member States**
 - promote cooperation with third countries in accordance

MSP processes everywhere – different planning timelines/experiences



Different ways of mapping



ONE approach possible?

- Difference in **maritime & territorial space**
- Different environmental, economic, social **conditions**
- Political **borders** do not always match ecosystem borders
- Tension between national **interests** and transnational interests in a given sea-basin
- Difference in maritime **priorities**
- Difference in **governance systems**
- Difference in planning **cultures**
- Differences in **MSP authorities competences**
- Communication, data and **information sharing**
- MSP development at different stages



But nevertheless solutions possible

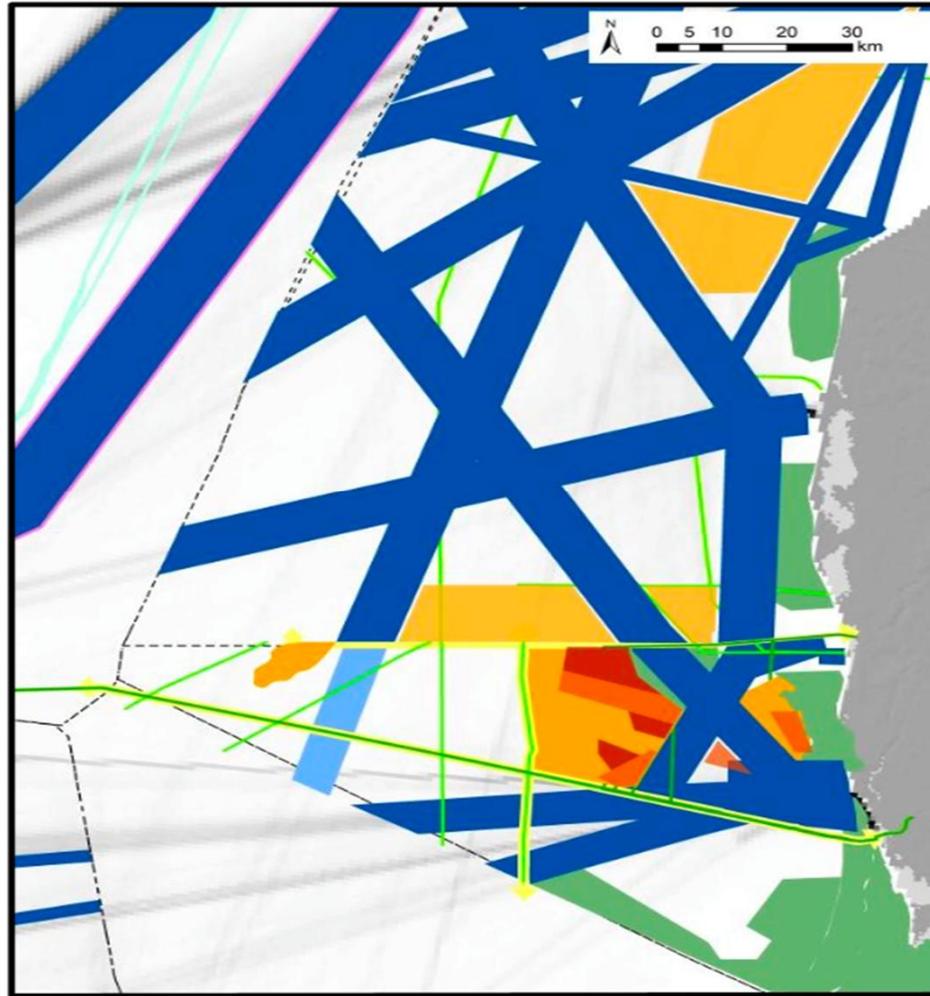


Cross-border planning issues

Case 3: South-East Baltic Sea

Countries:
Sweden,
Latvia,
Lithuania,
Russia,
Poland

Planning
issue:
Mismatches
between ship
corridors of
several
countries
(gaps
between, and
different
widths of
corridors)



More and more tools.... used?

Handbooks, toolkits and Platforms

The collage features several key resources:

- European MSP Platform:** A website interface with sections for 'MSP Database', 'MSP in Europe', 'Upcoming Events', and 'Tweets by @EU_MSP_Platform'.
- LME LEARN GEF LME:LEARN Large Marine Ecosystems Marine Spatial Planning (MSP) Toolkit:** A toolkit cover with an underwater scene background.
- Marine Spatial Planning: A Step-by-Step Approach:** A book cover with a blue ocean background.
- Transboundary Marine Spatial Planning and International Law:** A book cover with a blue background and images of ships and wind turbines.
- Maritime Spatial Planning past, present, future:** A book cover with a stylized green and blue wave pattern.
- PartISEApaté:** A document cover with a map of the Baltic Sea region and the title 'Suggestions for the future multi-level MSP Governance Framework within the Baltic Sea Region'.
- Findings from the Baltic Sea Plan:** A report cover with a blue background and a bar chart.

Recommendations on transboundary consultation



1. Review national official procedures of the Espoo Convention for **consultation on SEAs** for maritime spatial plans.
2. **Share information about MSP process** in official letters (formal) and/or in person exchanges (informal) to make neighbouring countries aware that process is starting, as well as when they may be asked to submit formal feedback.
3. When appropriate, either as part of Espoo consultation or separately, **invite** neighbouring countries in writing to formally comment on a draft plan via responsible channels.
4. Build **communicating and understanding opportunities** into the consultation process:
 1. Establish common understanding of **planning frameworks and definitions** used in planning documents
 2. Establish good understanding of what is meant / implied **by each term used** in respective countries involved in consultation and confirm, whether this is correctly understood by all, and **document agreed definitions** in writing.
 3. Where necessary, identify **an acceptable common language** of communication or make provision for translation.
 4. Develop **visual materials** to convey and explain planning information.
5. Prepare **planning materials** to share with neighbours:
 1. Share **draft planning solutions and plan content** in appropriate formats. Agree with neighbouring country / countries on whether to translate summaries, specific sections or full versions of draft plans into common and/or language of neighbouring country
 2. On both sides, identify **concrete issues** for targeted discussions, along with specific questions.
 3. Share **geospatial information**, either as paper maps or in an interactive online platform or data portal, from both the consulting as well as consulted party.
6. If considered necessary, **organise meetings and decide on formats** (bi-lateral or multi-lateral exchanges, limited to MSP planners or wider stakeholder groups), and communicate follow-up process to consulted parties.
7. If asked to consult, prepare **formal consultation response in writing**, including considerations from relevant secondary contacts and stakeholders.
8. **Process feedback** received as a result of consultation requests:
 1. **Categorise** feedback: 1) feedback that can be used / accommodated in revising a draft plan, 2) feedback that need to be investigated further or addressed in future cross-border MSP projects, and 3) feedback that can be addressed later in future revisions of plans.
 2. **Draft written responses** to feedback received indicating appropriate follow up actions if necessary (e.g. formal agreements, adaptations to planning provisions)

Handbook on Multi-Level Stakeholder involvement

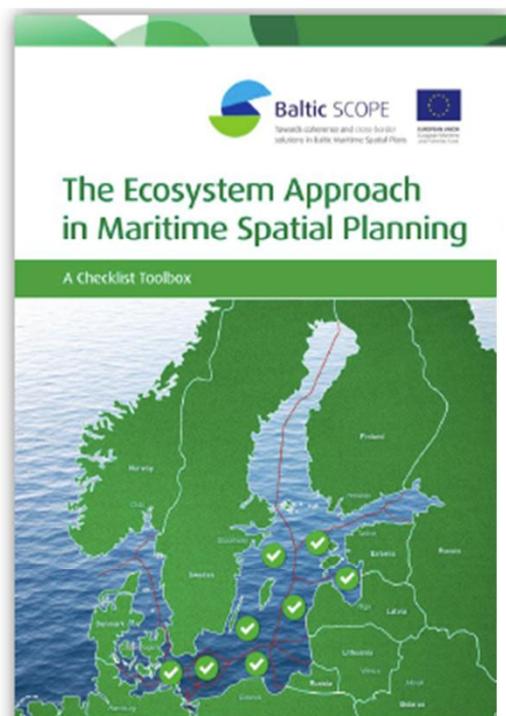


What should be done	Yes	No
Mapping and screening relevant sources of data and information at EU/global land Baltic level		
Refine stakeholder strategy from step 1; i.e. how and when to consult whom, with which method and purpose at cross-border, national, regional and local level		
Asking for relevant data and information at cross-border, national, regional and local level		
Asking opinion on the outcome of the stocktaking phase (accuracy of information, completeness of information) the national, regional and local level		
Informing Baltic level about the main findings from stock-taking (i.e. body of knowledge collected and the way of storage of the knowledge i.e. website, report etc. since such information might be relevant to all BSR countries)		
Informing cross-border level about the main findings from stock-taking with an option to comment if agreed so at the first stage		

GOOD PRACTICE: Norwegian way of bringing together science and stakeholders for improving stocktaking (see case)

*PartISEApate
stakeholder checklists
for each step e.g.
stocktake*

EBA Toolbox



2. THE GENERAL ECOSYSTEM APPROACH CHECKLIST

Aim: To ensure that all key elements of the ecosystem approach (based on the HELCOM/AHORN guidelines) are included in the MSP process and its organization.
When to use: Early and throughout the MSP process, crucial at the first stages of MSP setting of the scope.
Intended users: Those who set up the MSP process and responsible planners.

2.1. PRESENTATION OF THE GENERAL ECOSYSTEM APPROACH CHECKLIST

Filed out by:	Authority:			
<p>Environmental Objective: Good Environmental Status (GES) The assessment of the general ecosystem MSP for strategies (marine activities) shall be suitable and: the achievement of GES and the capacity of marine ecosystems to respond to human activities changes.</p>				
<p>Question: Does MSP support the achievement and/or contribute to maintaining GES?</p>	<table border="1"> <tr> <td>YES</td> <td>PARTLY</td> <td>NO</td> </tr> </table>	YES	PARTLY	NO
YES	PARTLY	NO		
Describe in words:				
<p>Best knowledge and Practice The selection and Assessment of instruments shall be based on the latest state of knowledge about ecosystems in each and the context of satisfying the components of the marine ecosystem in the best possible way.</p>				
<p>Question: Is the best knowledge and practice applied in planning?</p>	<table border="1"> <tr> <td>YES</td> <td>PARTLY</td> <td>NO</td> </tr> </table>	YES	PARTLY	NO
YES	PARTLY	NO		
Describe in words:				



3. THE PLANNING SUPPORT CHECKLIST

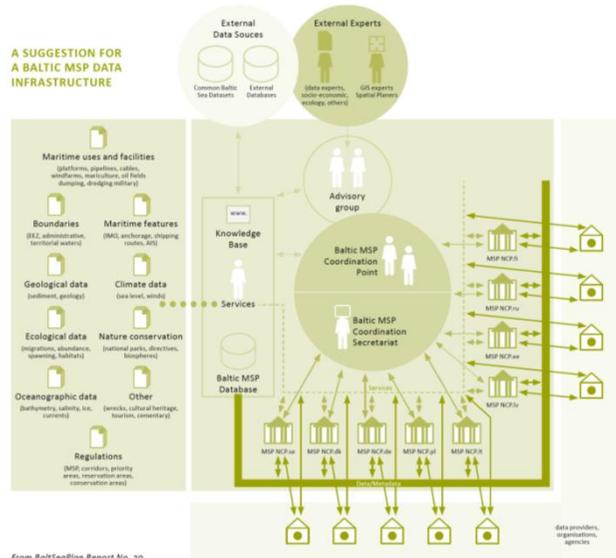
The "checklist" is actually a table to be used in the planning process to identify potential conflicts and synergies and their possible solutions. It is better viewed as a guideline for planning. It was developed with the idea that solutions or pre-alternatives are made in the actual planning process. The checklist includes the three sectors: shipping, energy and forestry, in relation to the environment.

CONFLICTS AND SYNERGIES in relation to the ENVIRONMENT
Aim: To provide criteria for the implementation of solution building in the actual planning advice.
When to use: The checklist should be used in the MSP process.
Intended users: Responsible planners.

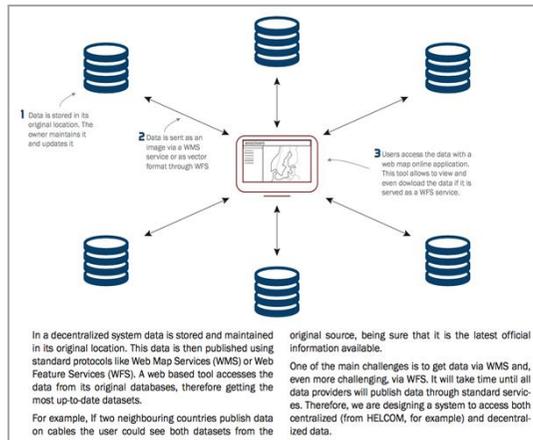
3.1. PRESENTATION OF THE PLANNING SUPPORT CHECKLIST

SHIPPING	Potential positive environmental impacts
SYNERGIES	
<ul style="list-style-type: none"> Maritime safety and support safety measures to ships and physical infrastructures, which may function as a buffer zone with regard to sensitive environments. Small coastal environment zones (underlying activity may, depending on the length of the route, reduce fuel consumption, thus reducing environmental and economic costs). 	
CONFLICTS/RISKS	Potential environmental impacts
<ul style="list-style-type: none"> Historically used shipping routes may have negative impacts (disturbance of spills and other pollutants, noise etc.) on marine ecosystems, especially on areas of high ecological value. Intensification of shipping, which may have negative impacts on the marine environment (polluted levels, noise of high industrial value etc.). 	
RECOMMENDATIONS IN MSP	Potential solutions
<ul style="list-style-type: none"> Ensure that current safety zones are established in MSP. Consider safety zones with engineering controls. Take into account future shipping trends and technologies. Identify potential areas with high levels of ecological value and existing or potential protected areas according to relevant international regulations. Identify shipping routes, which may have negative impacts on the marine environment (polluted levels, noise of high industrial value etc.). Identify and assess possible spatial solutions. What are the pros and cons of the alternatives? Consider possible remedial or mitigative measures with regard to energy efficiency studies. Include the solutions in the SEA of MSP and consultative with stakeholders. Refer to existing cooperation and the International Maritime Organization (IMO) of the current MSP discussion of relevant HELCOM, which may influence MSP arrangements. Take into account the current state of relations under development of international studies like the HELCOM/HELCOM, which may influence MSP arrangements. Formulation of the tools, to support all above-mentioned considerations must be taken into account, agreement with stakeholders at an international level shall be achieved for the achievement of these solutions in practice. 	
FISHERIES	Potential positive environmental impacts
<ul style="list-style-type: none"> Marine species are part of the marine ecosystem and depend on GES of marine waters. Use of marine waters for fish stocks is part of a sustainable use of the sea. Reduce potential noise impacts, production measures can increase fishery growth, spawning areas, fish stocks in the long term. 	

Pan-Baltic MSP Data infrastructure BASEMAPS



From BaltSeaPlan Report No. 20

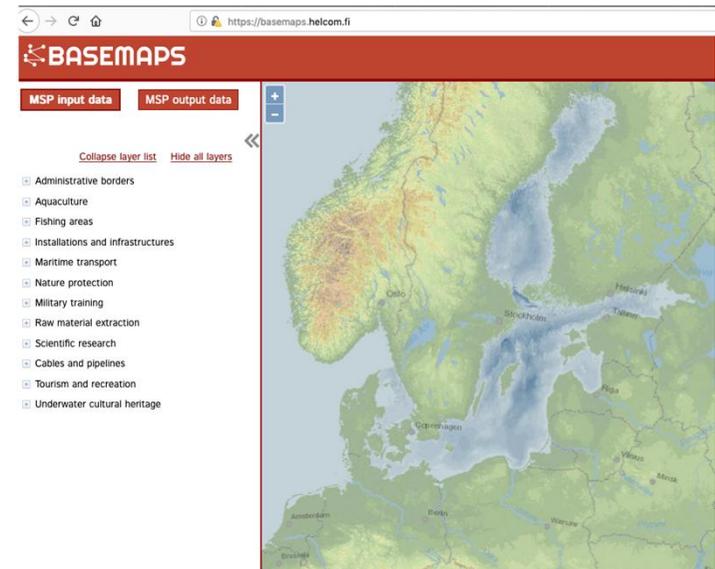


Section	Category	Dataset	Available from HELCOM map service	WMS Countries with data in QOC WMS	WFS Countries with data in QOC WFS, EU INSPIRE compliant end of 2017	Inspire Annex I INSPIRE compliant end of 2017
3.1	Administrative borders	National	X	5	4	I
		Regional	X	4	3	I
		Local		5	4	I
		Territorial waters	X	5	3	I
		EEZ	X	4	2	I
3.2	Fishing areas	Fishery area (where GSA Spawning and nursery areas)	X	0	0	III
		Only cod		0	0	III
3.3	Installations and infrastructures	Offshore wind farms	X	1	1	III
		Safety Zones / Construction Platforms		1	1	III
3.4	Maritime transport routes and traffic flows	IMO-Routes	X	3	2	I
		AIS	X	2	0	I
3.5	Nature and species conservation sites and protected areas	N2000	X	4	3	I
		National MPA	X	1	0	I or III
		Important Bird Areas		0	0	I
		Purpose distribution		0	0	I
		Bird migration routes		0	0	III
3.6	Military training areas	Bird wintering grounds	X	0	0	III
		Military Exercise Areas		1	0	III
		Radar areas / military		0	0	III
3.7	Raw material extraction areas	Sand and Gravel	X	3	1	III
		Natural Gas		0	0	III
		Oil	X	0	0	III
3.8	Submarine cable and pipeline routes	Telecommunication/Data	X	2	2	III
		High Voltage Cables	X	5	3	III
		Pipelines	X	4	3	III
3.9	Underwater cultural heritage		2	0	I	

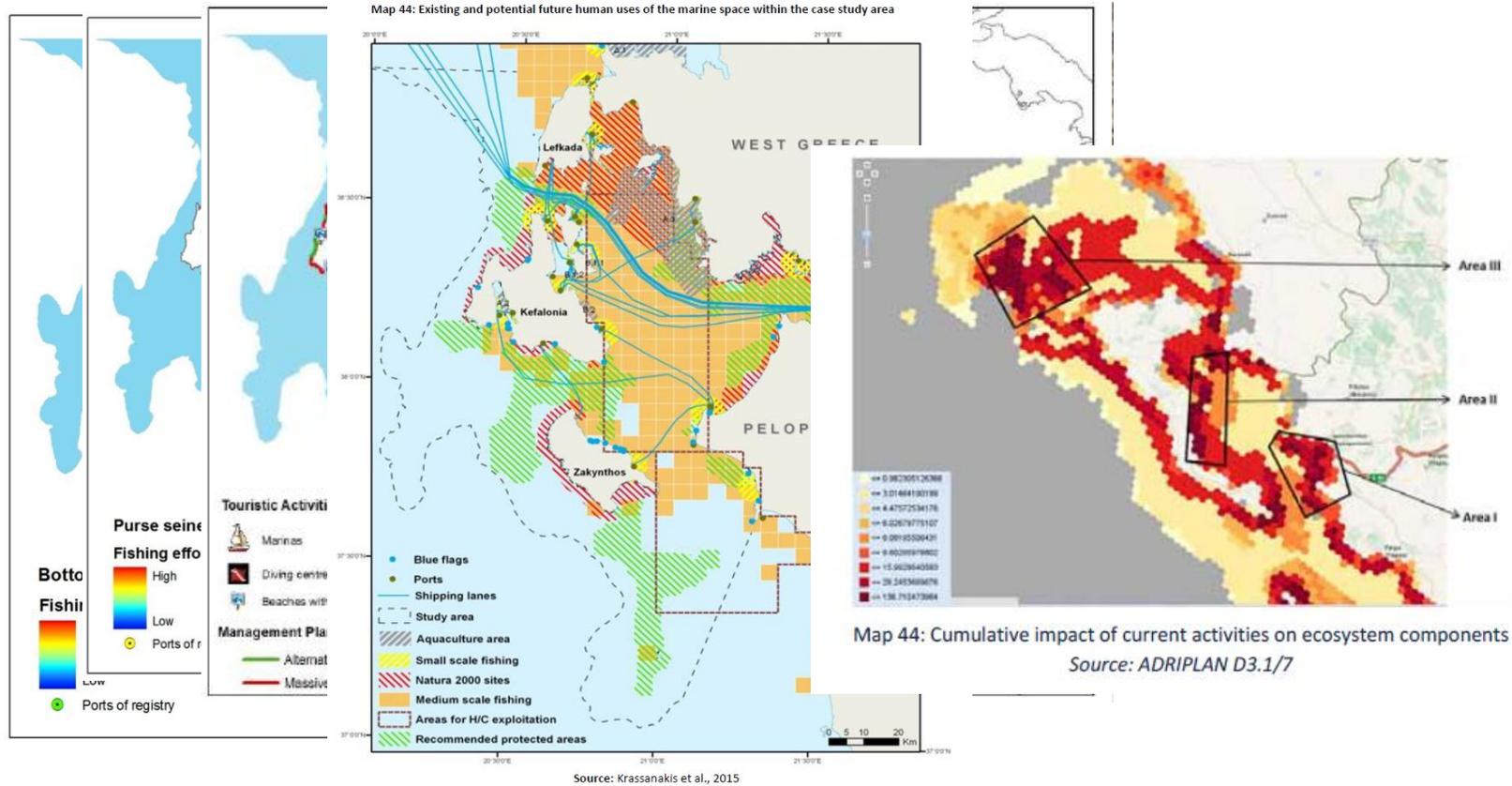
Figure 3 Full summary table with datasets available and formats



2009 Planning the future of the Baltic Sea



Cumulative impacts



Mapping of human activities

Connectivity

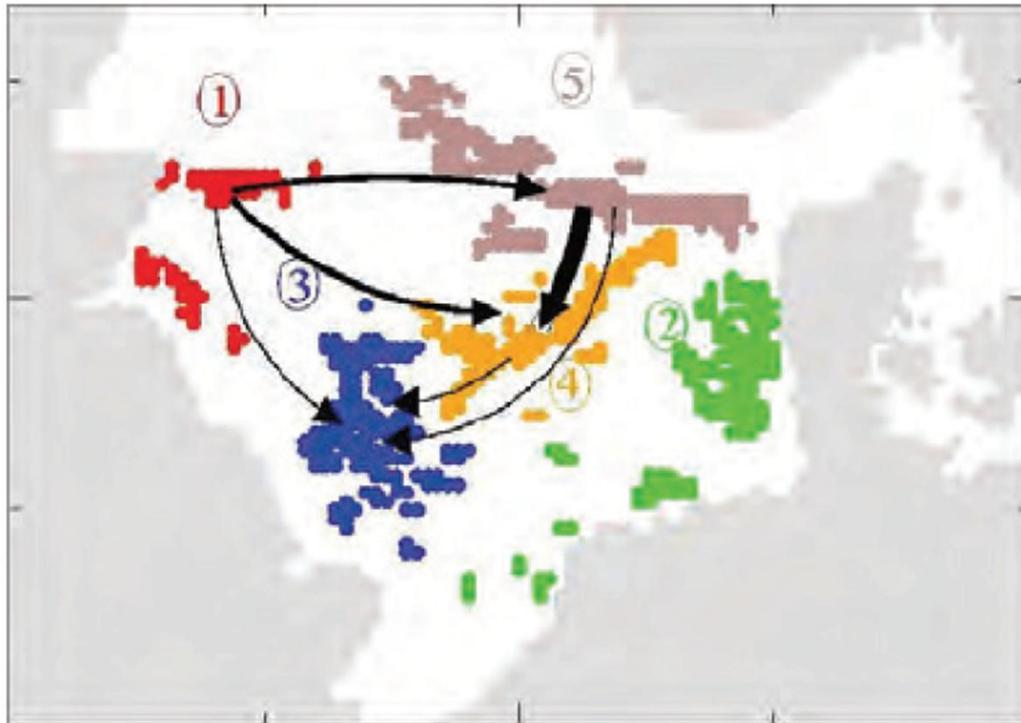


Figure 37. Proposed regional habitat aggregations for the North Sea lesser sandeel (Blaesbjerg et al. 2009)

- Definition/Scope of the MU
- State of Development/Future Potential
- Drivers/Benefits, Barriers/Negative Impacts
- Logical Framework
- Objectives
- Actions/Recommendations



Understanding / comparison of Planning criteria

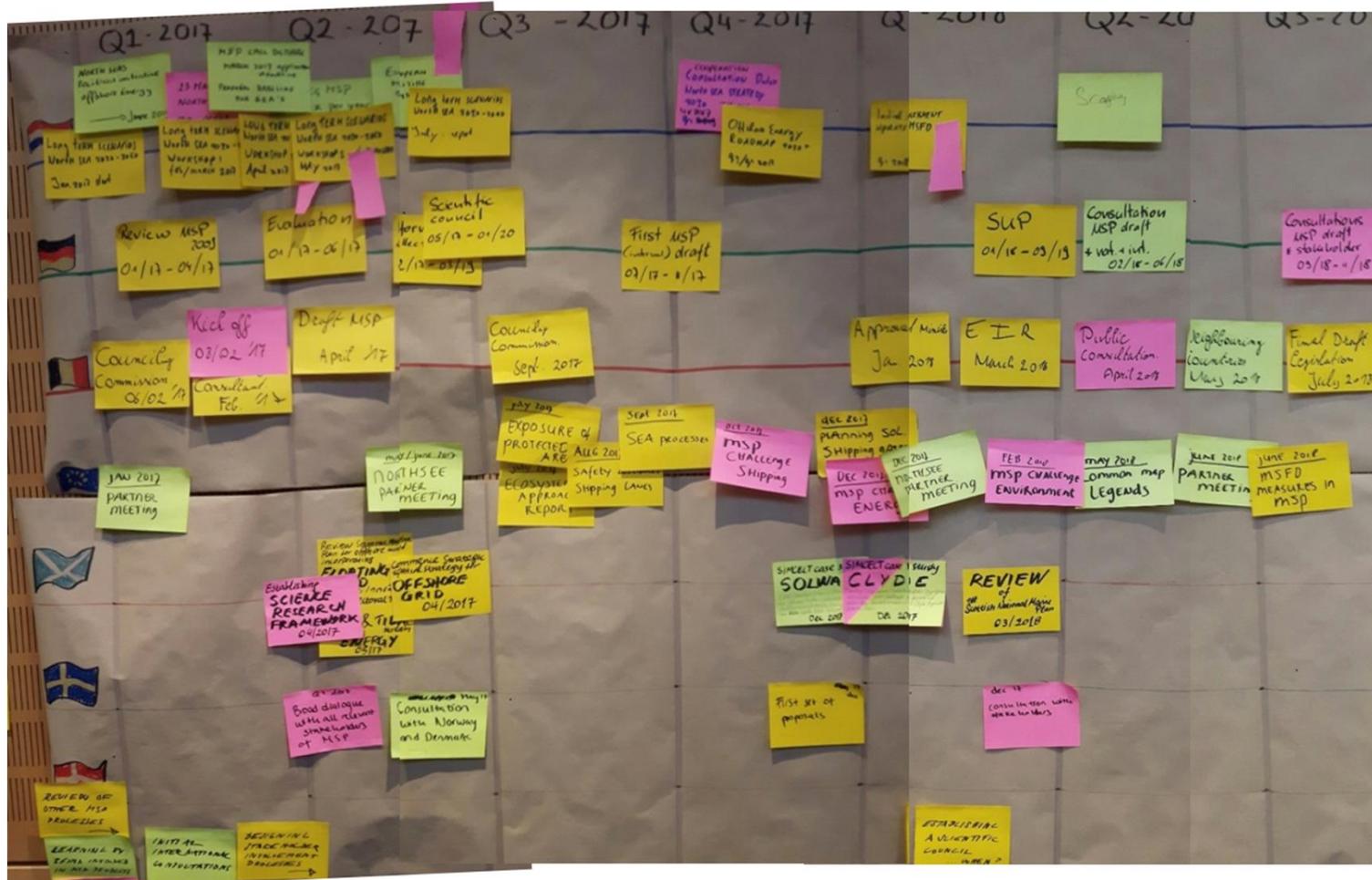
	Denmark	Estonia	Finland	Germany	Latvia	Lithuania	Poland	Sweden
Planning criteria used for MSP shipping area designation	Width of priority areas + safety zones according to traffic density (AIS data from 2016) and ship sizes on main traffic routes, guidance taken from Nautical Institute paper. Corridor widths between 6 and up to 10 nm.	AIS based shipping density is used for discussing/ deciding on multi-use of marine space or establishing spatial constraints (e.g. Ships' route design).	Shipping density maps based on HELCOM AIS data will be used to determine corridor width	Larger corridors equal widths of TSS; 1nm width for 1000-4900 vessels/year; 10nm for >10,000 ships. Designation in MSP from 2009 based on AIS data from 2005-2009 (national stations).	The areas reserved for shipping are based on main shipping routes (centre line of shipping area) by using AIS data and consulting all Latvian ports. The width of the shipping corridor and safety zones of these areas reserved for shipping is 6 nm to/from major ports or transit routes and 3 nm to/from small ports of Latvia. The width was agreed upon by consulting Maritime Administration of Latvia and taking into account the guidance document of Nautical institute.	Shipping routes and roadsteads are well defined and strictly respected in the MSP documents and charts. Yearly summary of ship density was taken as a basic information for justification of the corridors	Widths of priority areas not defined in detail yet	AIS data was used to designate national interest areas, which were the basis for later designations of areas in MSP. MSP only covers the nationally important corridors. Smaller routes rely on the "freedom of navigation".

Assessment of legal frameworks

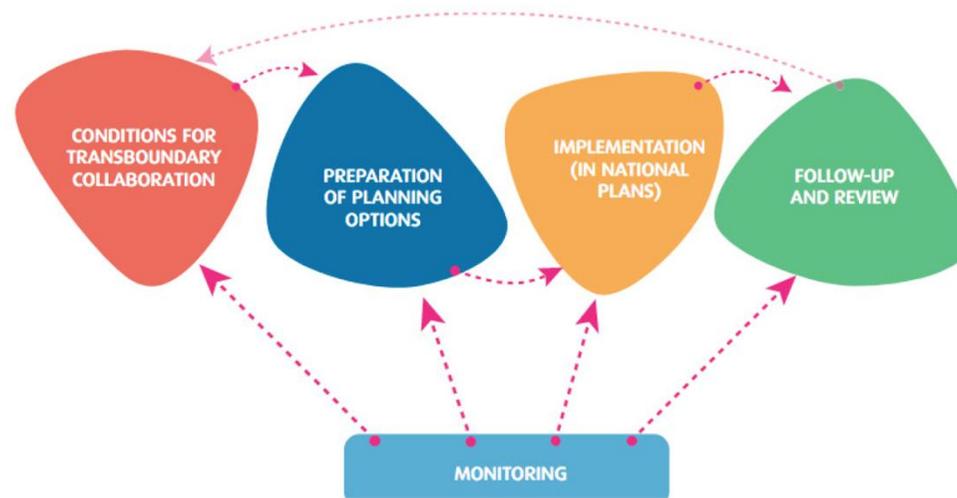
Requirement	England	Northern Ireland	Wales	Scotland
Maritime Spatial Planning	✓	✓	✓	✓
Regional planning	✓	?	?	
Assessment	Marine Information System	Northern Ireland Marine Mapviewer in development	Marine Planning Evidence Portal	Scotland Atlas, Shetland Clyde Ass
Statement of Public Participation	✓	✓	✓	
Status	East Plans 2014, South Plans expected 2017, NW, NE, SE, SW expected by 2021	Draft public consultation expected 2017	Draft consultation	SNMP 20 Shetland Clyde giv
Evaluation	East Plans review 2017, six-yearly progress report on English marine planning system to Defra by 2021	TBC	TBC	SNMP rev March 20
Coastal Access	✓	✓	✓	
Commitments to marine and terrestrial planning considerations/interactions	2011 Localism Act, National Policy Planning Framework 2012, 2013 England Coastal Concordat, Planning Advisory Services Soundness Checklist for Local Plans	Regional Development Strategy 2035, Strategic Planning Policy Statement 2014	Technical Advice Note 14 1998, Wales Spatial Plan 2008, Planning Policy for Wales 2016, Planning Advisory Services Soundness Checklist for Local Plans	Scottish Planning Policy 2014, C the Relat Between Land Use System a Planning Licensing
Climate Change	✓	✓	✓	
Conservation of seals	x	?	?	✓

A. Process evaluation			
Preparation			
Criterion	Indicator	Country	yes/partly/no
1. Legal and administrative framework	a. Formal jurisdictional MSP systems are in place.	Country 1	
		Country 2	
	(Country 3...)		
	b. Legal instruments and administrative processes are in place to facilitate transboundary cooperation in MSP activities.	Country 1	
Country 2			
2. Institutional capacity and cooperation	a. Authorities have responsibility for transboundary cooperation in MSP.	Country 1	
		Country 2	
	b. The roles and responsibilities of organisations in transboundary MSP have been clearly defined and communicated.	Country 1	
		Country 2	
	c. There are institutional resources (eg. staffing, skills, funding, data availability) for organisations to engage in transboundary cooperation in MSP.	Country 1	
		Country 2	
d. There is effective formalised communication between organisations across borders.	national level		
	regional level		
	local level		
e. There is equitable sharing of transboundary MSP responsibilities and tasks across borders.			
3. Trans-boundary MSP area	a. An agreed transboundary area has been defined for MSP purposes.		
b. Stakeholders have been involved in the selection of the transboundary area.			
4. Formulation of strategic	a. Agreed strategic objectives for the transboundary MSP process have been established.		

Understanding of different steps in process and timeframe



Monitoring and evaluation of transboundary planning

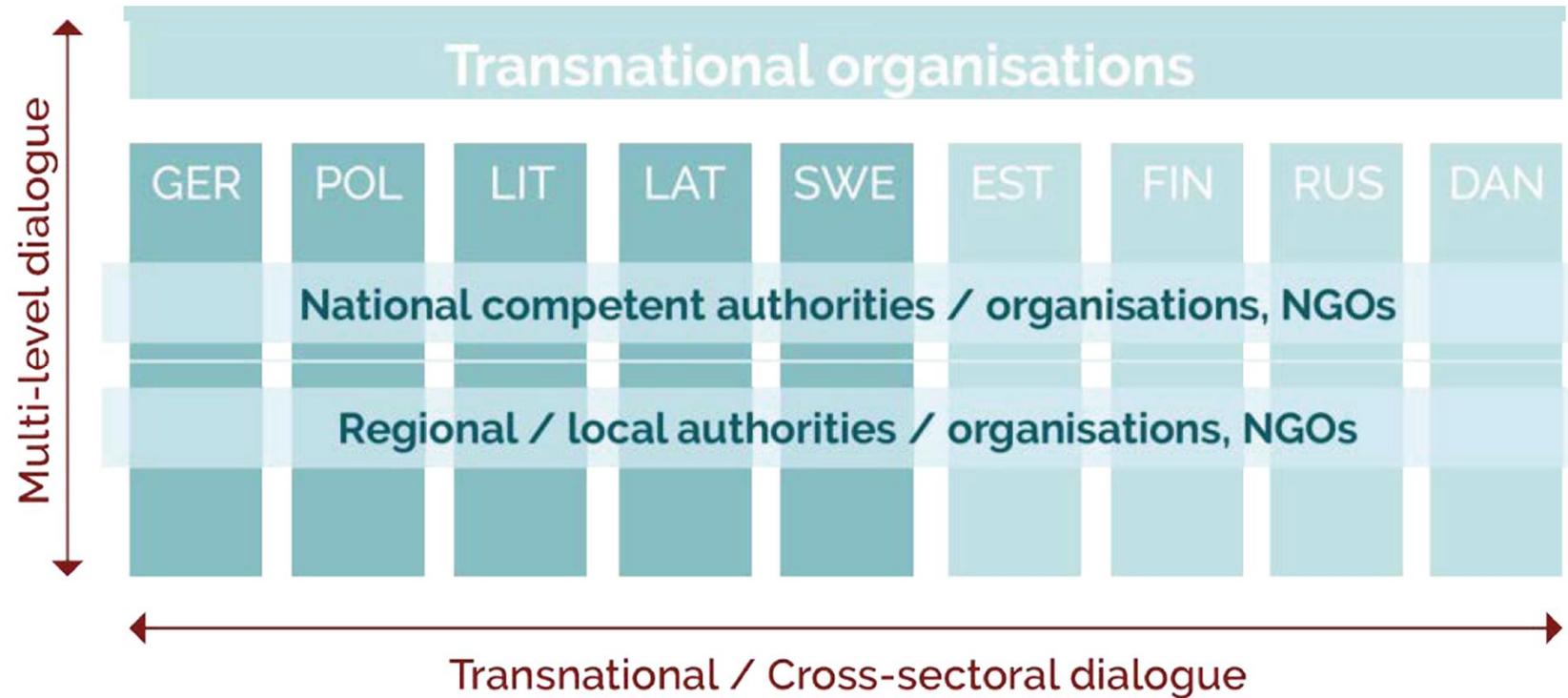


Output of transboundary collaboration	Immediate outcome	Intermediate outcome	Impacts
Agreement on a transboundary planning solution	Acknowledgement of the transboundary need for national MSP	A change in the national MSP	Improved coherence of planning of maritime activities
Establishment of a transboundary collaborative body	Naming of national (and sector/interest) representatives	Actual transboundary collaboration	Improved transboundary collaboration



Where are we in view of our vision 2030 ?

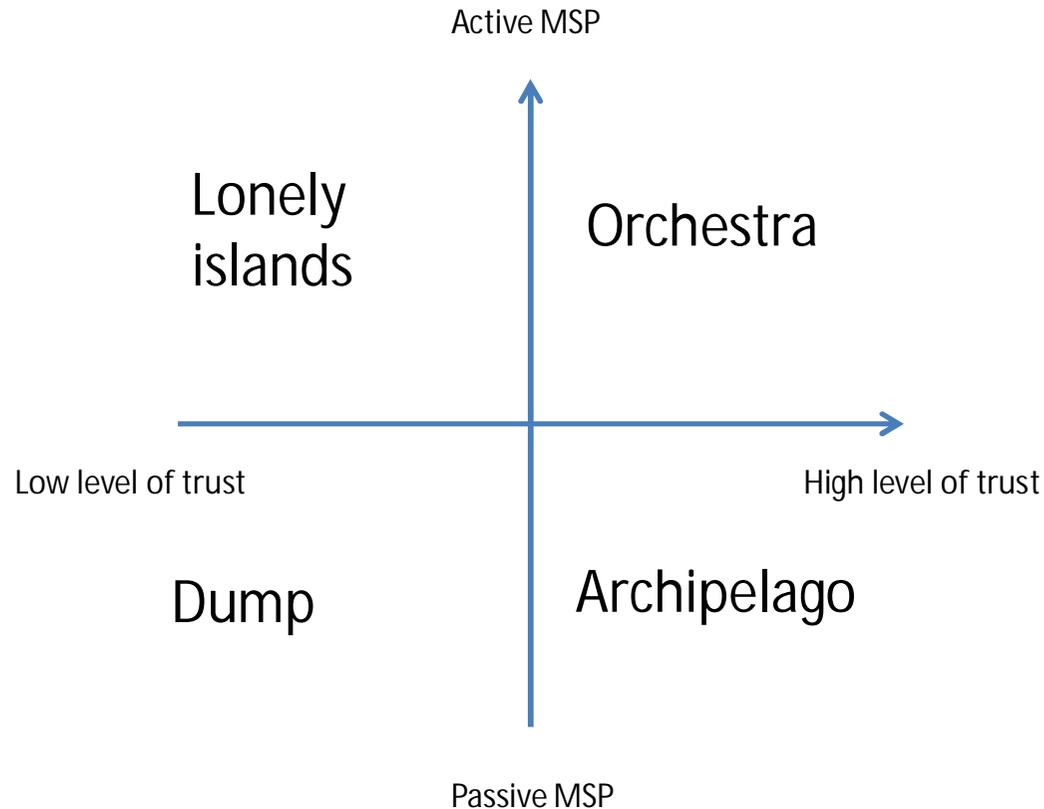
Multi-level governance



MSP cooperation – a long-term process

- 1** Meeting: Getting to know each other, learning about motivations, interest, needs, skills, expectations, cultural and structural aspects;
- 2** Information: Delivering (targeted) exchange of information, building basic cooperation structures and trust, shaping common ideas;
- 3** Coordination/Representation: Creating a joint partnership structure, first allocation of functions and roles;
- 4** Strategy/Planning: Defining joint objectives and developing concrete actions;
- 5** Decision: Binding commitments of partners, partnership agreement
- 6** Implementation: Joint implementation of actions, efficient joint management, fulfilment of requirements by each partner

Scenarios and strategic choices



Passive MSP:
all important decisions are taken outside the MSP planning domain.

Active MSP:
the process is used for revealing and aggregation of preferences of different stakeholders with regard to the sea space.

High level of trust:
Baltic nations can easily agree on the most beneficial, from BSR point of view, locations of different sea activities & the benefits out of them are shared in a fair way.

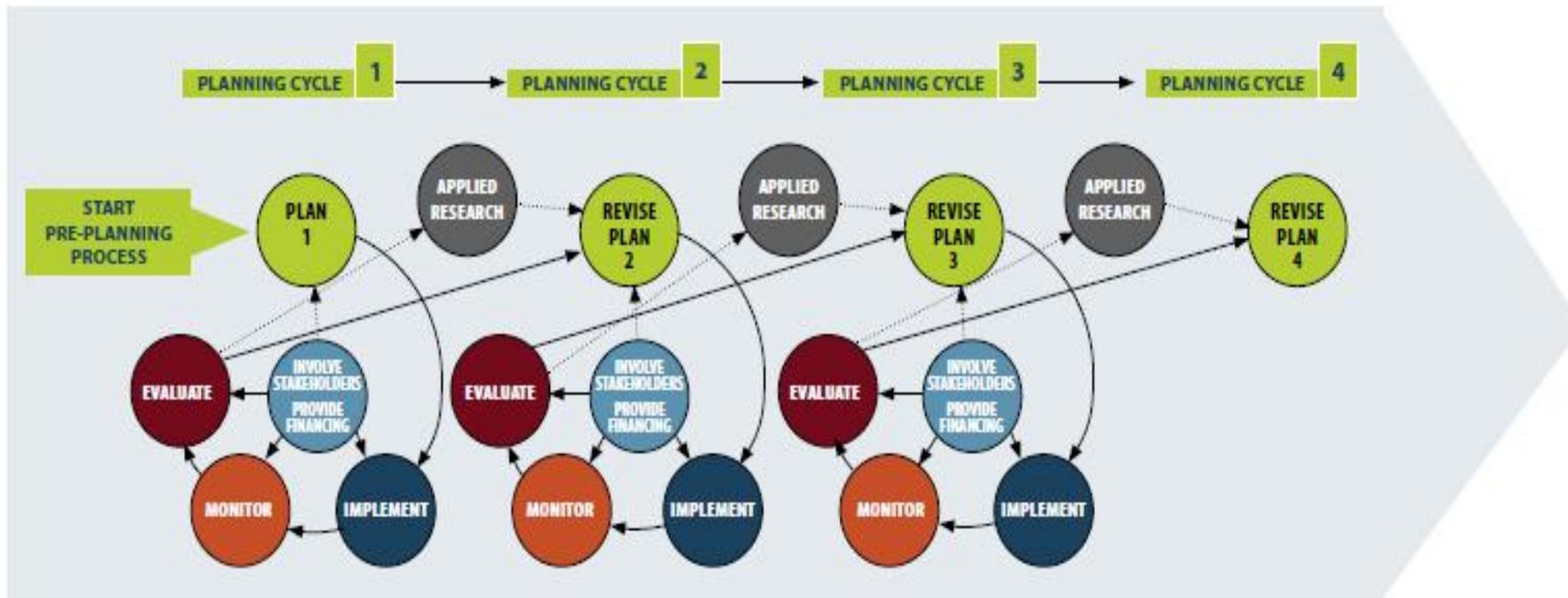
A growing MSP community – a new generation of planners



Still a lot to be done:

- Sectors
- Politicians
- Choices
- Knowledge
- Implementation
- Evaluation
- Adaptation

BUT: MSP – an iterative process







Thank you!

And continue to share...

Angela Schultz-Zehden
asz@sustainable-projects.eu

info@msp-platform.eu

[@EU MSP Platform](https://www.european-msp-platform.eu)

