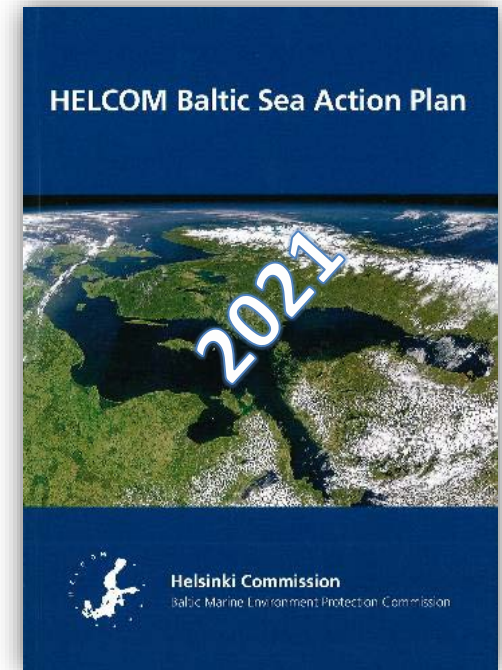


Update of the Baltic Sea Action Plan

Key guiding documents:

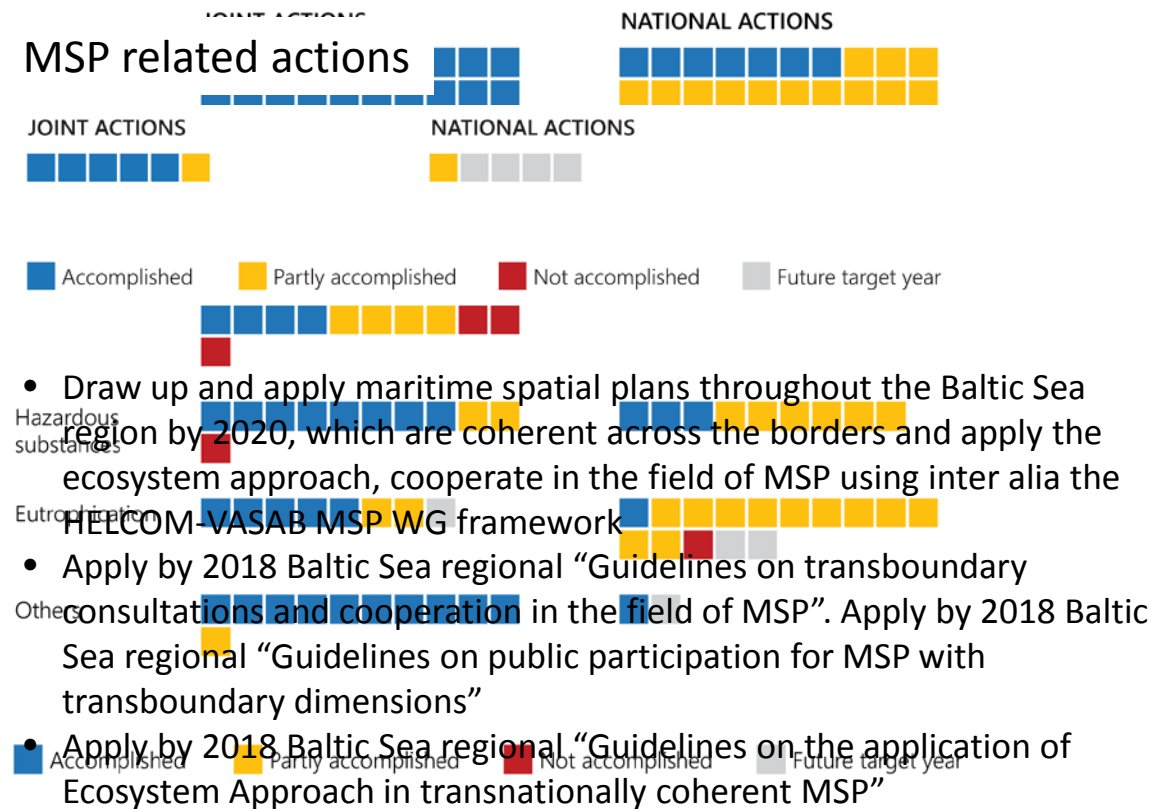
- HELCOM 2018 Ministerial Declaration:
 - as a first priority, **achieve already agreed actions** with renewed efforts to make progress towards the goals of the current BSAP by 2021,
 - in addition, **address new issues**, on the basis of the commitments made in this Declaration and further deliberations during the BSAP updating process,
 - the updated BSAP should include **actions necessary for managing human activities** in such a way that the current HELCOM strategic goals can be achieved,
 - the updated BSAP will **at least maintain the ambition level of agreed actions and objectives**.
- Strategic plan for the BSAP update
- Work plan for the BSAP update



Implementation of the current BSAP

(activity 1.1. of strategic plan), HELCOM Working Groups, ongoing

- **Joint actions:** implemented jointly in HELCOM
- **National actions:** implemented in the respective country
- **Plans** developed by HELCOM WGs for the accomplishment of joint actions
- **Transfer** actions not implemented by 2021 to the updated BSAP



Graph showing HELCOM actions from BSAP and Ministerial Declarations 2010 and 2013

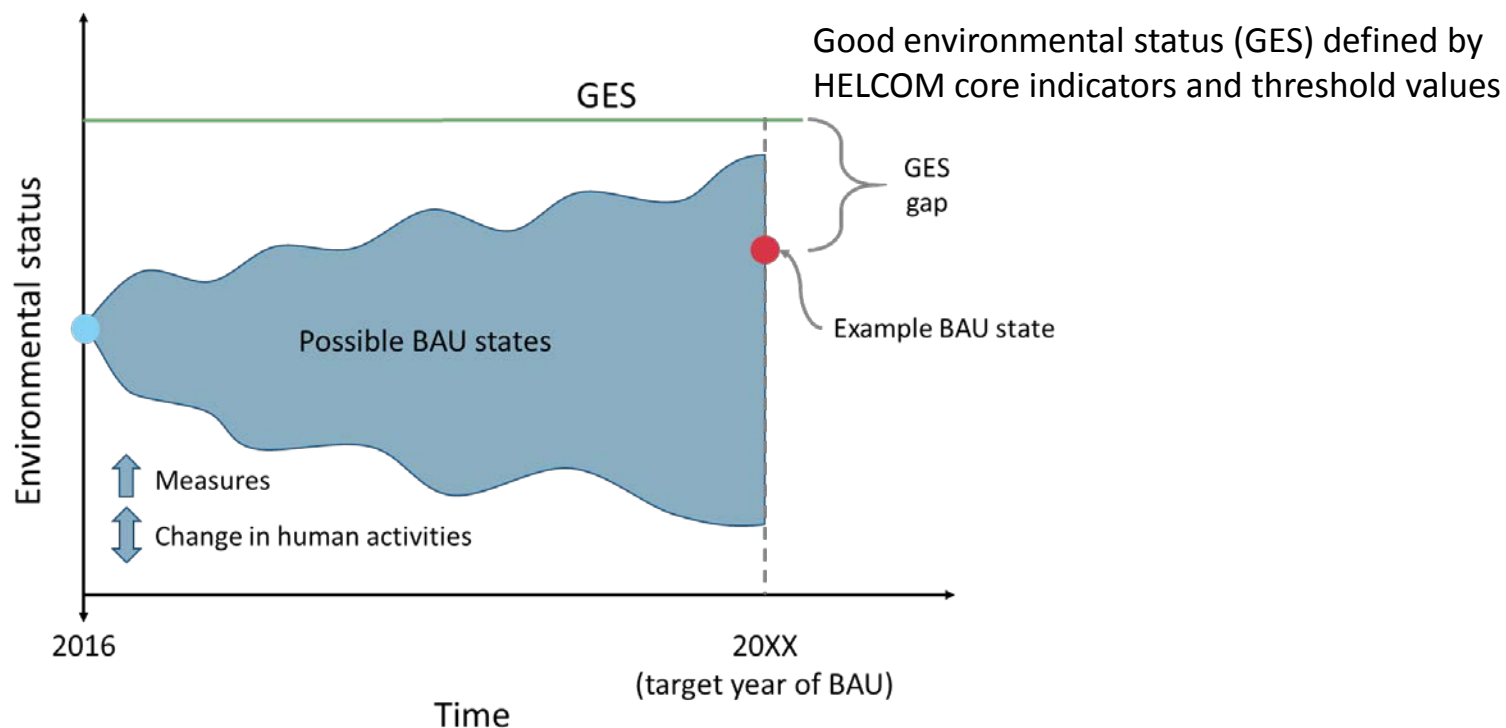
Analysing sufficiency of measures

Timing: now – mid/end 2020

Responsibility: planning – GEAR and HOD, implementation – SOM Platform and ACTION project, review and guidance - Working Groups

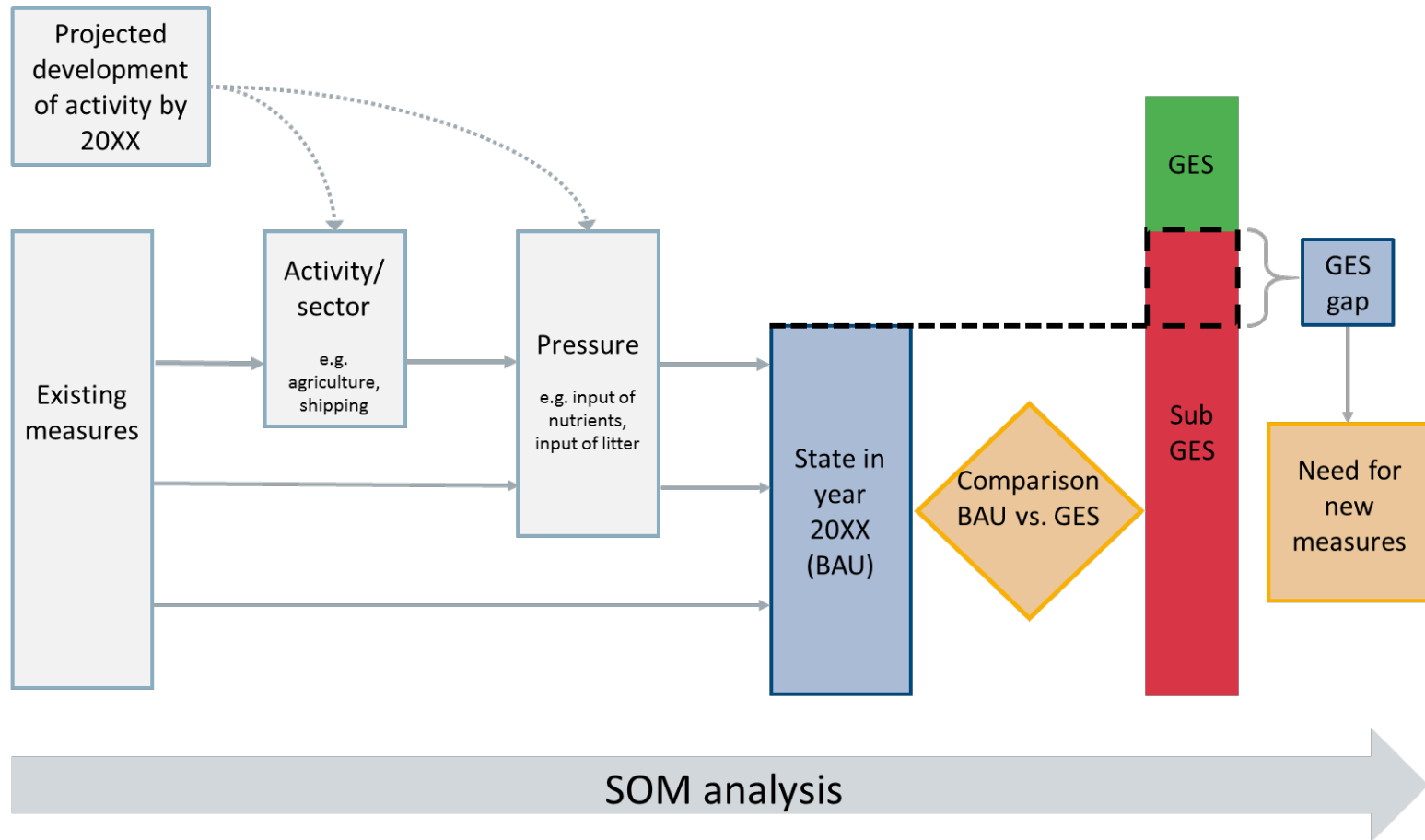
- Analyse how far already existing and agreed measures will contribute to the improvement of the Baltic Sea (early 2020)
 - Carried out by interdisciplinary platforms/projects
- Develop synopses on potential new HELCOM actions (end 2019)
 - Contracting Parties, subsidiary bodies, international projects, observers
- HELCOM thematic workshops to discuss results of SOM analyses and synopses and to propose new HELCOM actions for the updated BSAP (spring 2020)

Business as usual scenario



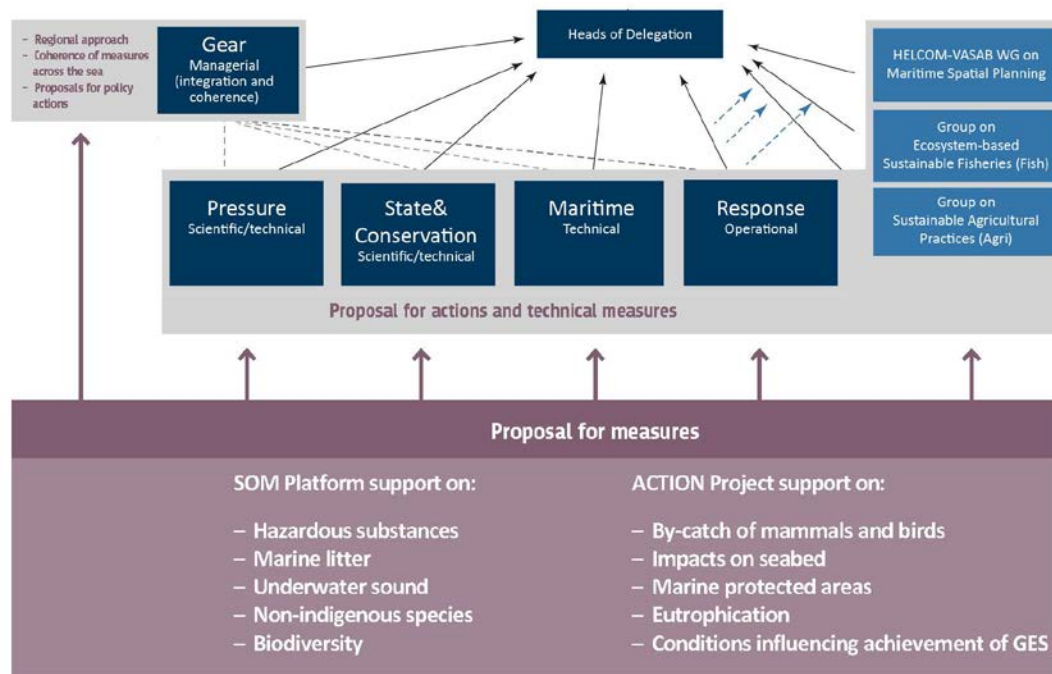
The BAU describes how the state of the marine environment would change over time due to the future changes in marine uses and the implementation of the legislative and regulatory frameworks impacting the marine environment.

Sufficiency of measures



Organization of the BSAP update

BSAP UP



Working Groups:

- Review of SOM analyses
- Validation of input to the SOM analysis
- Propose new HELCOM actions for the BSAP to HOD based on SOM analyses

SOM Platform /ACTION project:

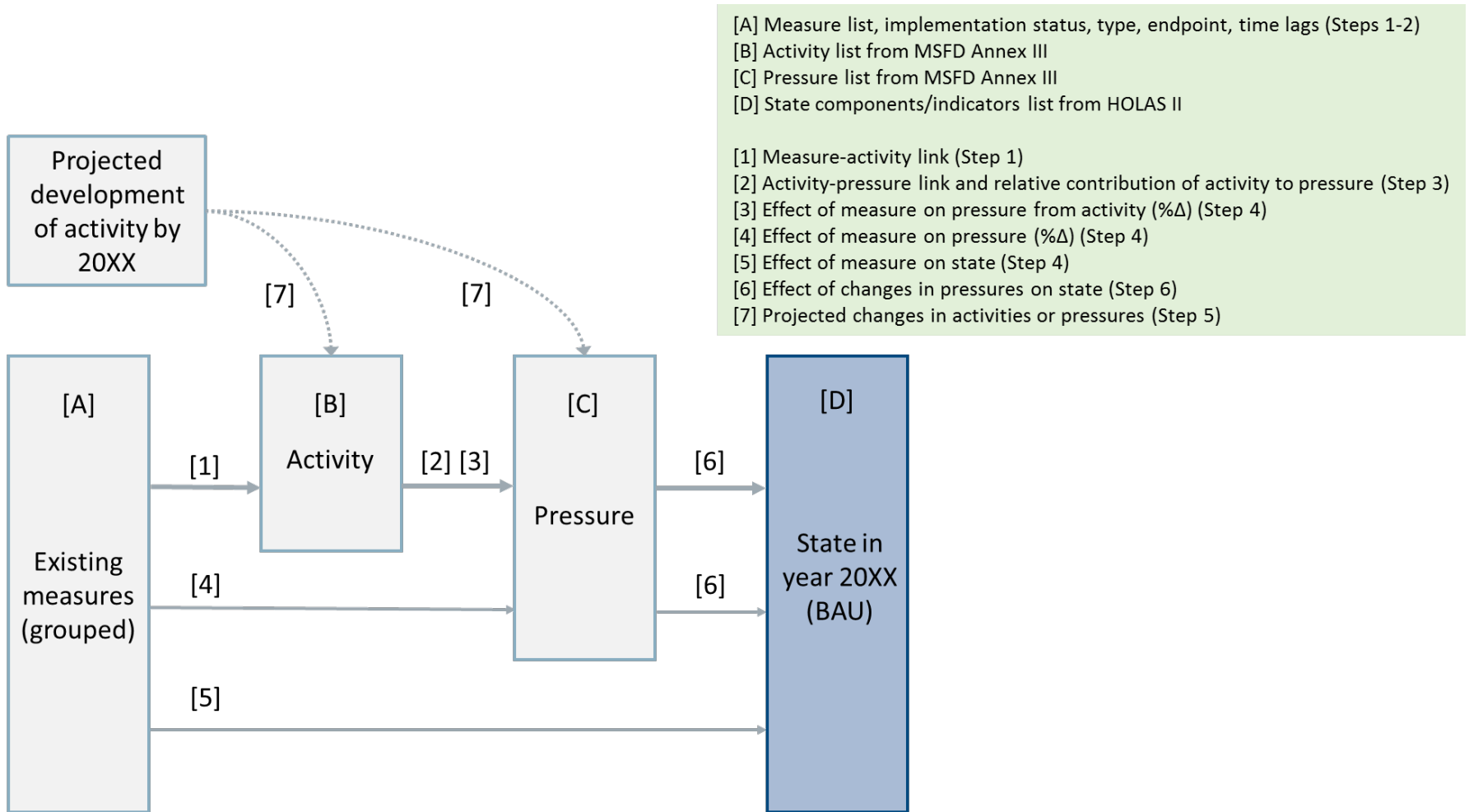
- carry out SOM analyses, prepare background information to support proposals on new HELCOM actions

SOM Platform:

- carry out analysis of joint effect of proposed new actions for BSAP

- Proposals on new actions: spring 2020
- First full draft of updated BSAP: end 2020
- Adoption of updated plan: autumn 2021

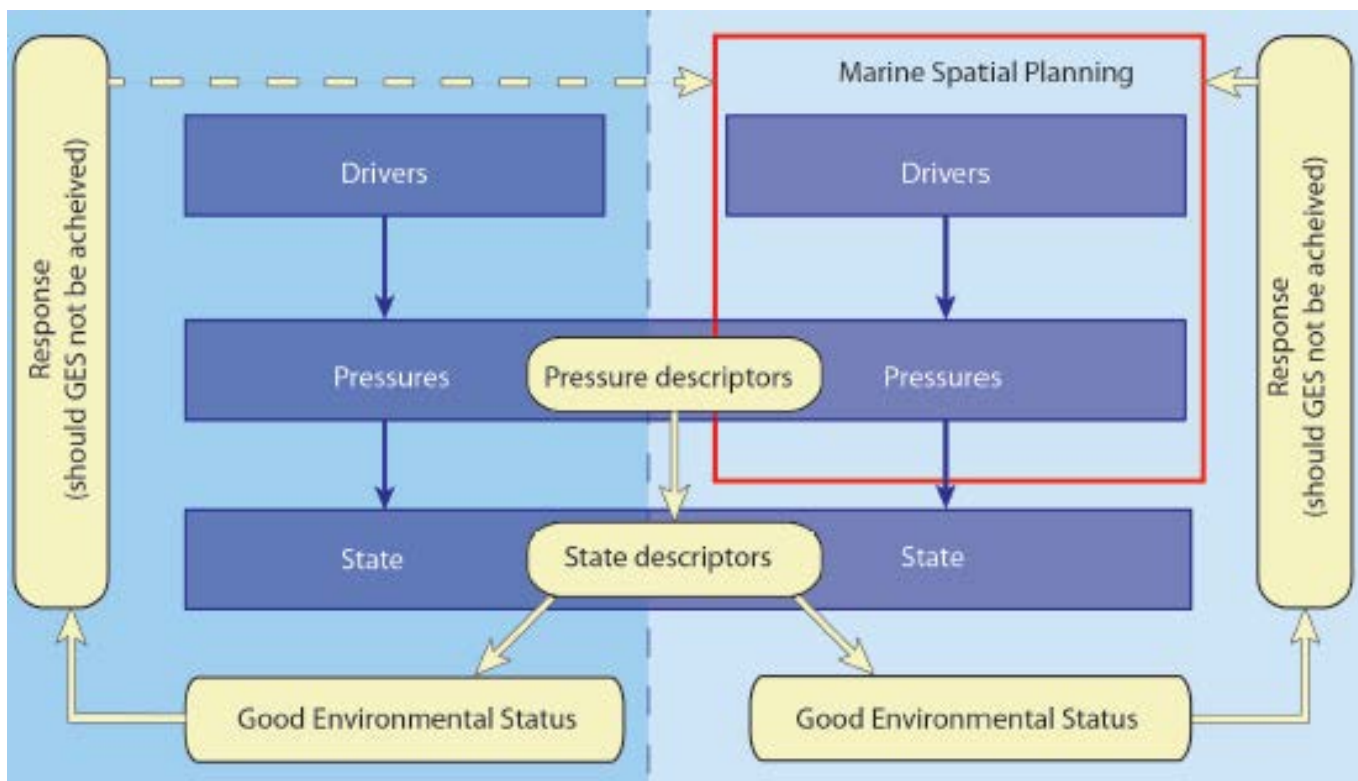
How can MSP contribute with input to the analyses?



Ecosystem-based approach in MSP

- The MSP directive: *“...maritime spatial planning should apply an ecosystem-based approach as referred to in Article 1 of [MSFD]...”*
- MSFD Art. 1 and H-V guideline: *“...the aim is to ensure that the collective pressure of all human activities is kept within levels compatible with a good environmental status and that the capacity of the ecosystem to respond to human-induced changes...”*
- Measures to:
 - keep the pressures within levels compatible with GES
 - not to compromise capacity of the ecosystem to respond

MSP in addressing the pressures



Gilbert et al. 2015 Marine spatial planning and Good Environmental Status: a perspective on spatial and temporal dimensions. *Ecology and Society* **20**(1): 64.

MSP in addressing the pressures

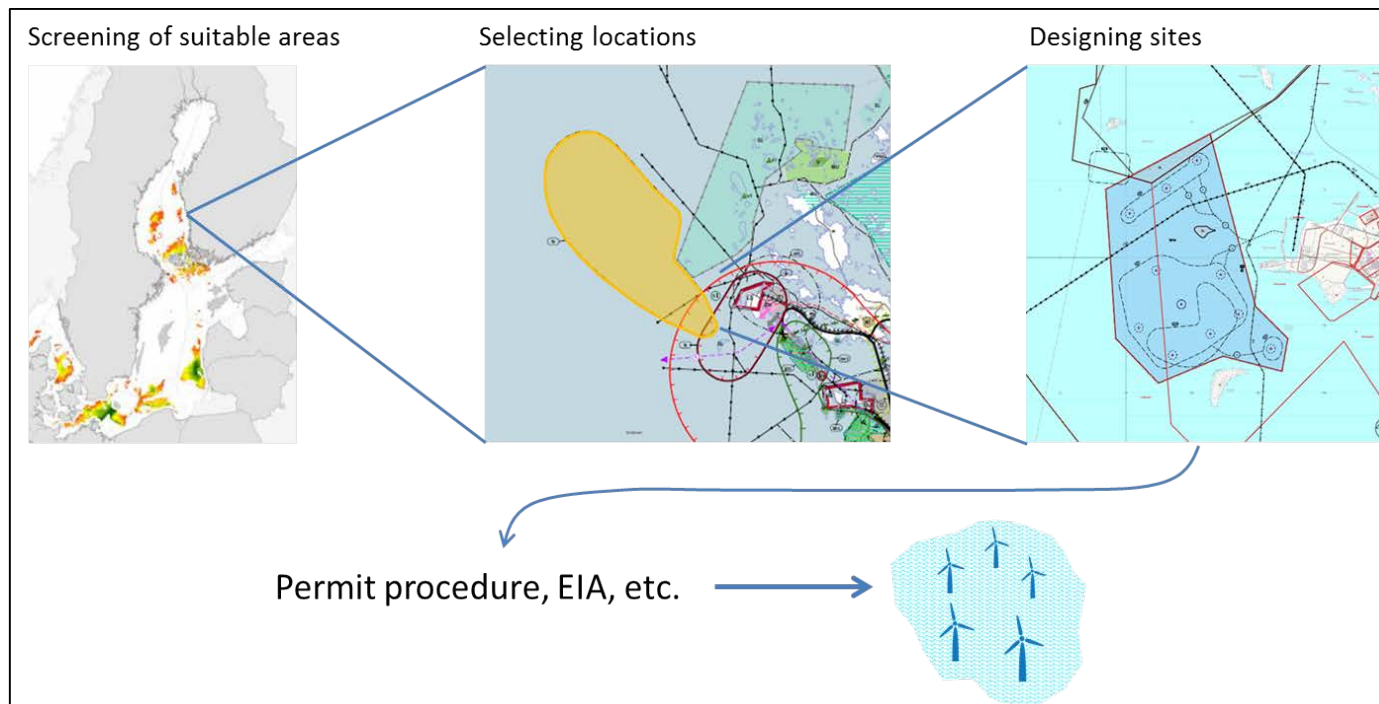
Descriptors / sectors	Renewable energy (wind, tidal, wave)	Coastal and maritime tourism	Fishing	Marine aquaculture	Ports and shipping	Oil and gas production	Marine aggregates	Pipelines and cables
D1. Biodiversity	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
D2. Non-indigenous species	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
D3. Commercial fish / shellfish	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
D4. Marine food webs	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
D5. Eutrophication	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
D6. Sea-floor integrity	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
D7. Hydrographical conditions	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
D8. Contaminants	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
D9. Contaminants in seafood	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
D10. Marine litter	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
D11. Introduction of energy	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

EU MSP Platform 2018. Technical Study 'Maritime Spatial Planning (MSP) for Blue Growth'. Annex III.2: 'Handbook on MSP Indicators Development'.
https://www.msp-platform.eu/sites/default/files/indicatorhandbook_msp4bg_long.pdf

MSP in addressing the pressures

- Planning evidence typically includes information on habitats and species, vulnerabilities, pressures
- Examples for D6 "sea floor integrity"
 - Placing off-shore installations (incl. cables and pipelines) away from the most vulnerable areas
 - Directing sand and gravel extraction, dredging of shipping lanes

MSP as "a measure"



What constitutes a measure in the sense of SOM?