

# Impacts of MSP on the Blue Economy

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# Maritime spatial planning

Instrument to put 'ocean space' on the sustainable development agenda

## **Blue economy benefits from MSP:**

- Certainty to investments
- Transparency
- Multi-level/ multi-sector cooperation
- Minimized conflicts & embraced synergies



# Offshore wind - a main driver for MSP in the Baltic Sea

MSP - a lever for offshore wind energy

It has a key role in **ensuring that enough space for offshore renewable energies is timely allocated to reach the renewable energy targets**

□ **Baltic Sea could host 83 GW by 2050**, up from today's 2.2 GW

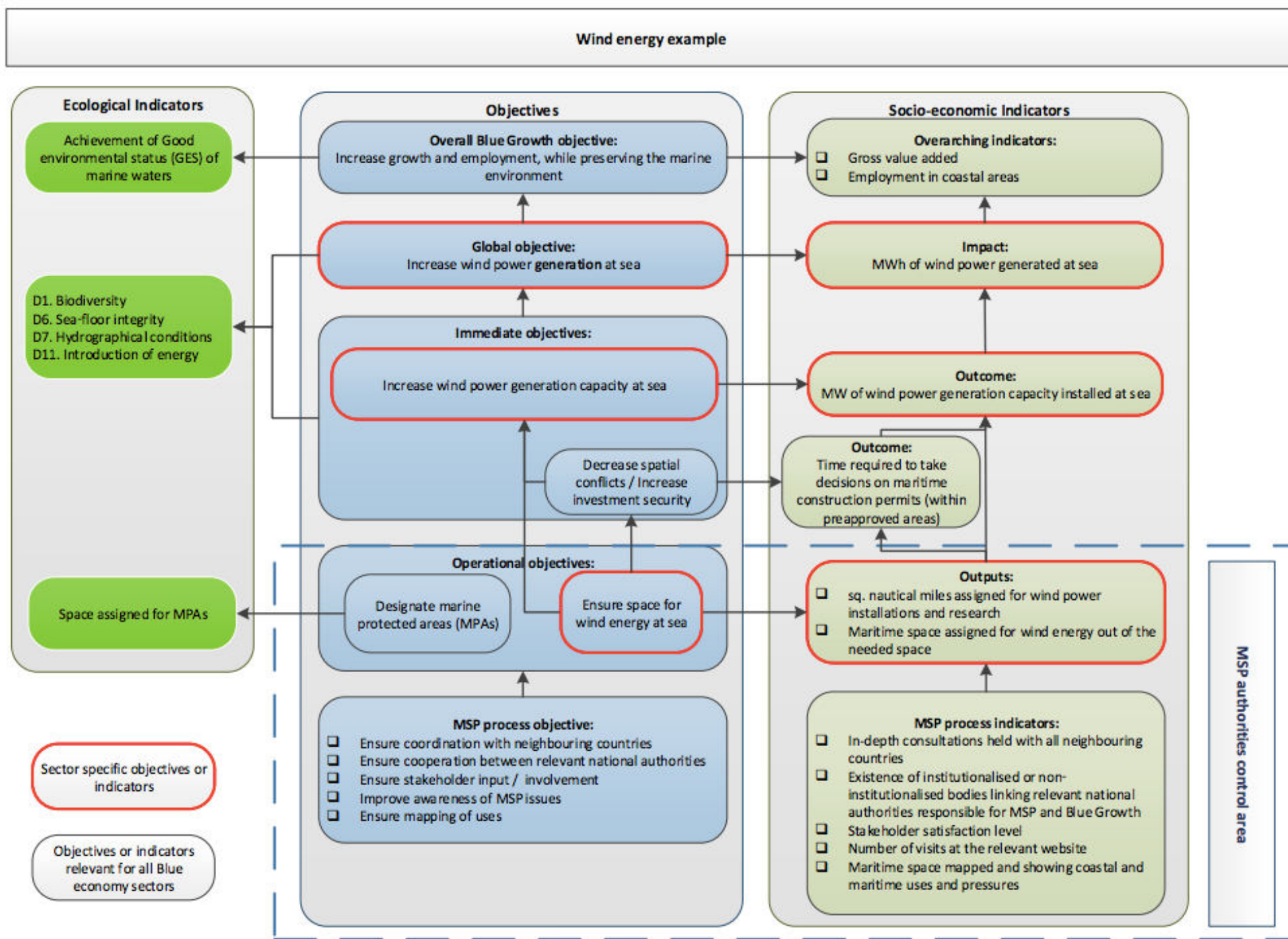
(WindEurope Scenarios, 2019)

# How do we know/measure if MSP is delivering on its promises?



# Handbook for developing indicators in MSP (2018)

Image source: European Commission. 2018. Study on MSP and Blue Growth. Handbook for developing indicators in MSP

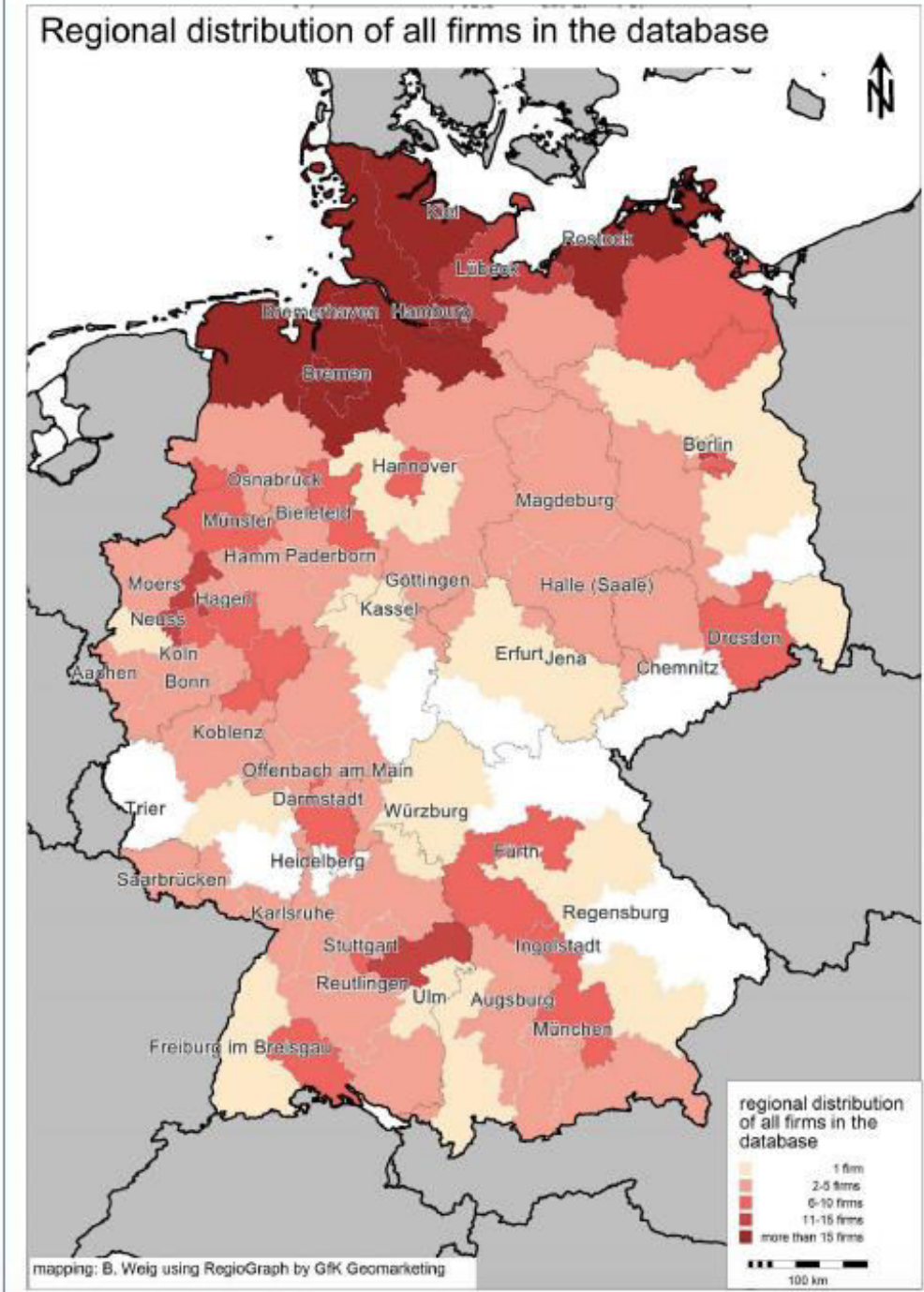




# How do we measure where do benefits end up?

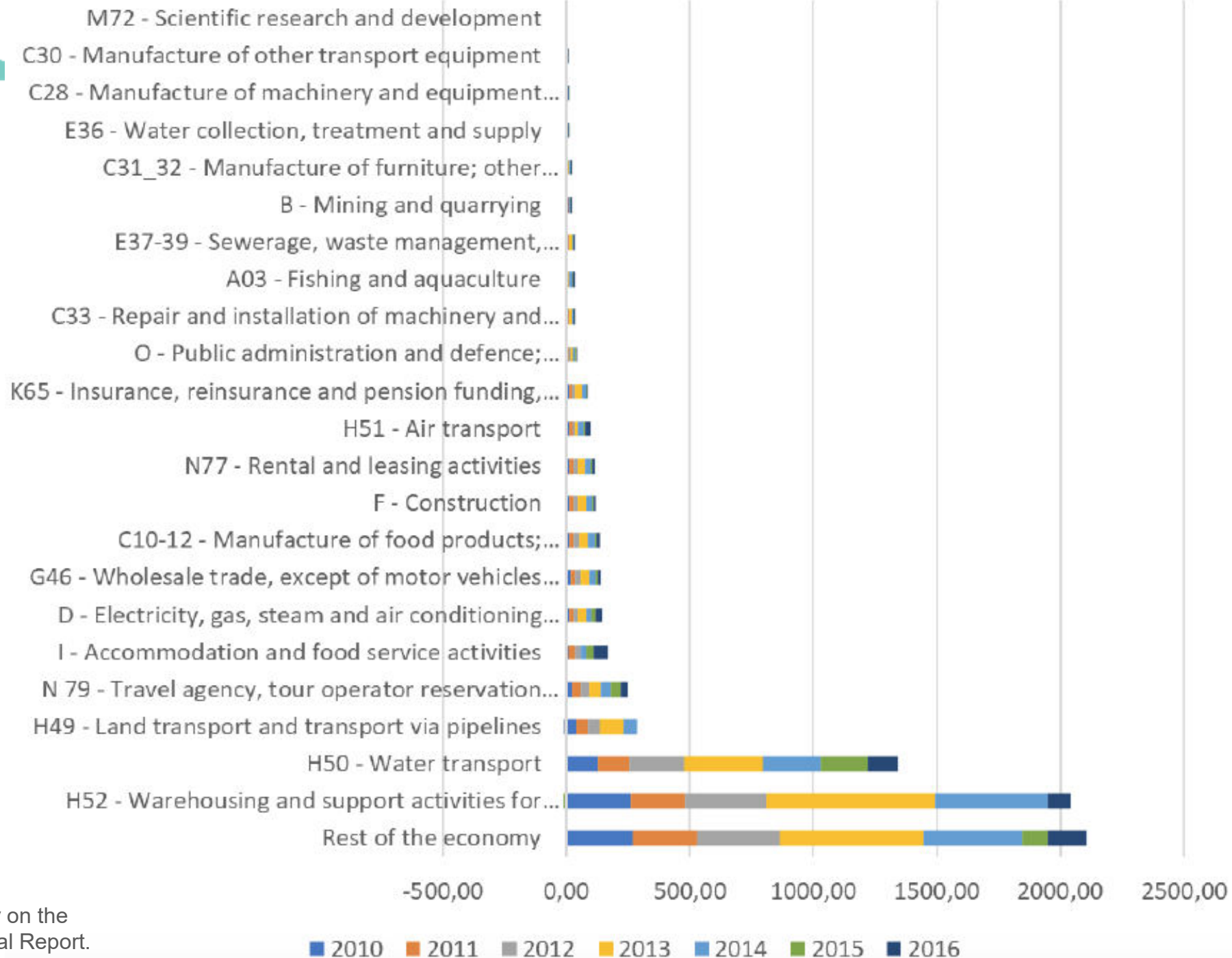
## BaltSpace **Spatial Economic Benefit Analysis** (2017)

□ identifies and maps the spatial distribution of benefits associated with offshore wind development in the German Baltic Sea



# Study on the Economic Impact of Maritime Spatial Planning (2020)

Total impact (direct, indirect and induced) of MSP in Germany on production value (million EUR) ☐



## Summary of MSP (EEZ) benefits, according to German stakeholders

Sector	Positive effects	Reduction of conflicts	Cross-border relations	Access of information	Transaction costs	Investment and business expectations
Shipping	+2	+2	+2	+1	0	+1
Offshore energy	+1	+1	+1	0 (expected +1)	0	+1
Fisheries	0	-1	0	+1	0	0
Aquaculture	-2	0	0	0	0	-2
Tourism	0	+1	+1	0	0	0
Non-living resources	0	0	0	-1	0	0
Cables and pipelines	+1	+1	0	0	0	0
Marine research	0	0	0	0	0	0

Image source: European Commission. 2020. Study on the Economic Impact of Maritime Spatial Planning. Final Report.





# Planning on different administrative levels

Local (municipal, regional, state) ☐ National ☐

☐ **Cross-border planning**

- Shipping/ fishing/ cables require international governance
- Future large offshore wind projects are likely to span across multiple jurisdictions

## Examples of **cross-border projects**:

- Space for testing an **autonomous shipping route** between Finland and Sweden
- Kriegers Flak **Hybrid grid solution** connecting 3 wind farms in Denmark and Germany



# Future-proof MSP

- **Long term vision** going beyond the usual 6 - 10 years MSP cycle
- **Collaboration frameworks with the industry** to exchange development scenarios – ensuring MSP is fit for purpose
- **Open to innovation** – define test zones to facilitate de-risking (e.g. NL Offshore Innovation Lab, test autonomous shipping route in SE & FI)
- **Adaptive** – build in mechanisms to adapt MSP as the blue economy sectors evolve (e.g. innovative climate solutions still not foreseen today)



# Balancing priorities

Offshore wind / food security / nature protection

- **Innovative multi-use concepts** advocating for a more ‘systems approach’ in planning will have a key role in reconciling different priorities
- **Nature-based-inclusive multi-use** is becoming a norm in several countries  
e.g. nature inclusive offshore wind development in the Netherlands, Fukushima Forward project in Japan, ocean multi-use demonstrator sites in Portugal

# SUBMARINER Network for Blue Growth EEIG

The communication & cooperation platform for actors & initiatives in the Baltic Sea Region involved in sustainable and innovative uses of marine resources.



**Providing an ongoing fora** for idea generation and collaboration in the wider Baltic Sea Region

- A key **enabler** for innovative, integrated sustainable blue (bio) economy

## SUBMARINER topics



## strategic action fields



# BALTIC 4<sup>th</sup> FORUM MSP

1-2 JUNE 2021, ONLINE

## Delivering MSP Interactions and Capacities Across All Levels

