

ANALYSING CONFLICTS AND SYNERGIES BETWEEN ANTHROPOGENIC USES IN THE MARINE ENVIRONMENT

Professor Henning Sten Hansen & Ida Maria Bonnevie Aalborg University Copenhagen











7







Maritime activities

















4th Baltic MSP Forum • 1-2 June 2021 • Online



Synergy-conflict relationships







Use-use interaction and MSP







Use-use conflicts & synergies







Use-use conflicts & synergies



Compatible synergy overlaps	3
Compatible synergy overlaps	2,75
Compatible neutral overlaps	2,5
Conditionally compatible synergy neighbours	2
Conditionally compatible synergy neighbours	1,75
Non-compatible synergy neighbours	1,5
Non-compatible synergy neighbours	1,25
Conditionally compatible neutral neighbours	1
Non-compatible neutral neighbours	-1
Conditionally compatible conflicting neighbours	-2
Non-compatible conflicting neighbours	-3



Wind farms and commercial fishing are **non-compatible** but with potential neighbourhood **synergies** through artificial reef effects (category score = +1,25)

Conflict-synergy scores are ranked based on a combination of spatial compatibility degree and conflict-synergy degree





MYTILUS – conflict analysis





MYTILUS – synergy analysis



Conclusions and further steps



- MSP aims at allocating marine space for "blue economy" without severe impacts on the marine ecosystems
- This is addressed in cumulative impact assessment
- Maritime activities compete for the limited marine space giving room for conflicts but also synergies
- Tools for conflict and synergy analysis provide additional knowledge before decision-making on the use of marine space in MSP



BALTIC 4th MSP

1-2 JUNE 2021, ONLINE

Delivering MSP Interactions and Capacities Across All Levels











Ministry of Environmenta Protection and Regional Development Republic of Latvia

