Marine Spatial Planning is maritime development on maps

With Symphony we plan with an Ecosystem Based approach

Note that this is not a real plan draft
Marine Spatial Planning is *maritime development* on maps.

The *Baltic* have valuable ecosystem components.

Note that data are insufficient beyond Swedish waters (EEZ).
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Human activities cause **pressure** on environment
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With Symphony we estimate the **cumulative** impact.

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With Symphony we estimate the **cumulative** impact.

This informs us of how to make more **sustainable** plans.

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Cumulative impact map (draft)

Symphony help us to identify **areas of concern**

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Symphony help us to identify **areas of concern** and shows where ecosystems are most sensitive.

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With help of Symphony

..we identify problems in our plans
..we consult stakeholders
..we test new alternatives
..we plan for *sustainable development*

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**Symphony info**

..this map builds mainly on Swedish data (not all Baltic)
..this map builds on 27 ecosystem components
..this map builds on 19 human pressures
..13 of the pressures will be linked to our MSP plans
..this map builds on incomplete sensitivity scores

**Symphony MSP tool is under development**

Symphony is being developed by the Swedish Agency for Marine and Water Management in collaboration with the Swedish Geological Survey.

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Symphony method

1. Maps of ecosystem components
2. Maps of marine pressures
3. Sensitivity matrix based on experts
4. Baseline results
5. Link pressures to maritime plan
6. Results for plan iteration

More sustainable marine plan
Marine Spatial Planning is **maritime development** on maps

**Symphony method**

.. transparent and builds on quantitative data
.. based on a scientific study (Halpern et al 2008)
.. similar method has been used in several status assessments

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Global (Halpern 2008)    Mediterranean (Micheli)    North Sea (Andersen)    Baltic (Korpinen)