Marine Spatial Planning is maritime development on maps

Test plankarta Östersjön
Prioriterad vattenanvändning
Allmän användning
Sjöfart (T, HILUCS 4.1.4)
Energiproduktion (A, HILUCS 2.4)
Ledningar (X, HILUCS 4.3)
Naturskydd
Grön infrastruktur
Friluftsliv, turism och grön infrastruktur (N, HILUCS 3.4.4)
Militärt övningsområde (Ö, HILUCS 6)

Hänsynsområde
Sjöfart
Energiproduktion
Energidistribution
Naturskydd och grön infrastruktur
Friluftsliv, turism och grön infrastruktur
Utvinning
Försvar

Tolkat planområde

Note that this is not a real plan draft

With Symphony we plan with an Ecosystem Based approach

Swedish Agency for Marine and Water Management

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Ecosystem diversity map (draft)

Note that data are insufficient beyond Swedish waters (EEZ)
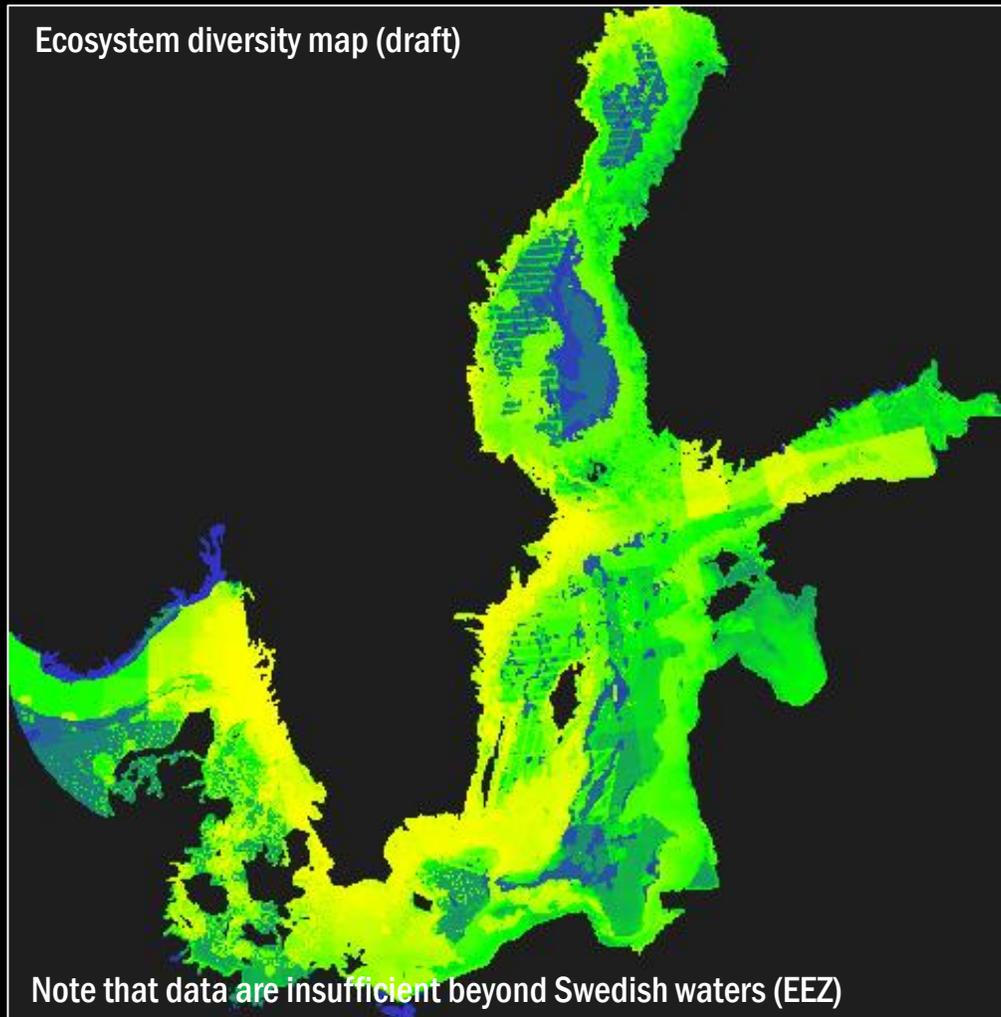
The Baltic have valuable ecosystem components

Swedish Agency
for Marine and
Water Management

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Human pressure map (draft)

Note that data are insufficient beyond Swedish waters (EEZ)
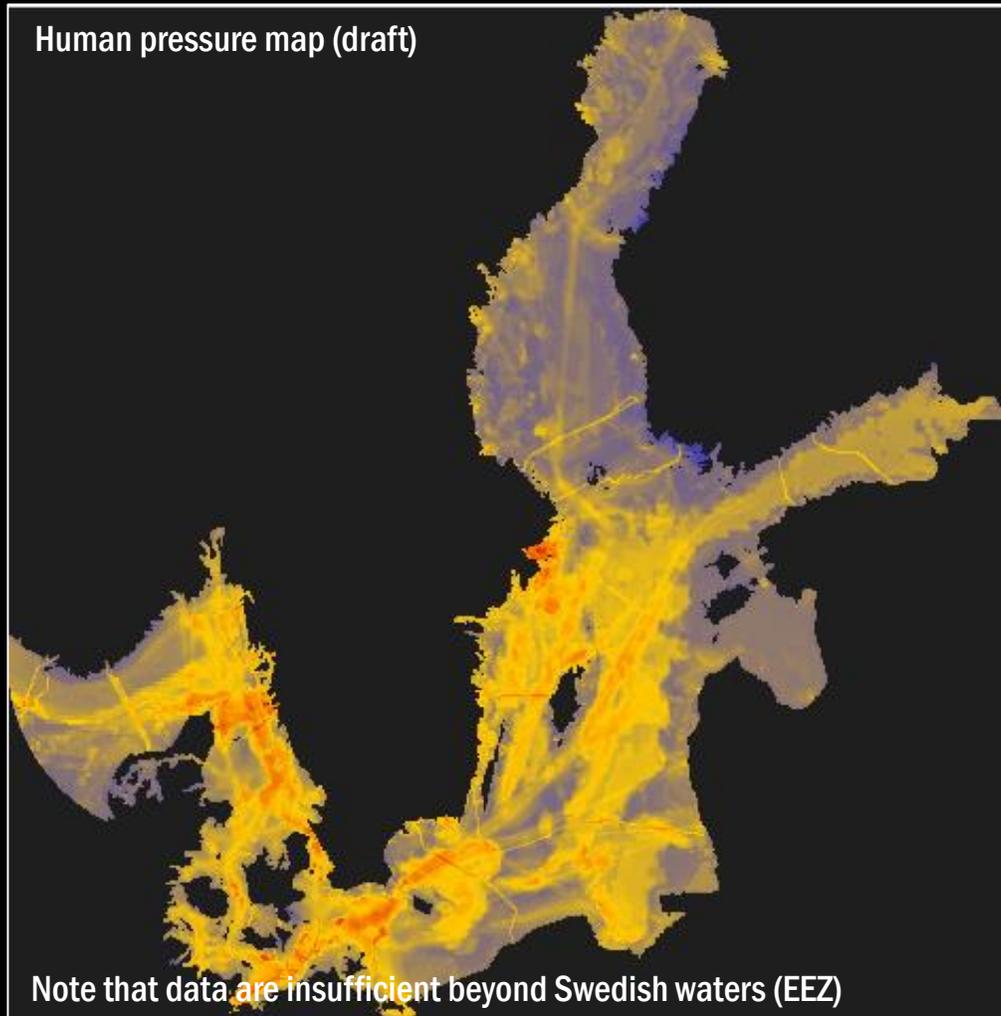
Human activities cause pressure on environment

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Water Management

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Cumulative impact map (draft)

Note that data are insufficient beyond Swedish waters (EEZ)
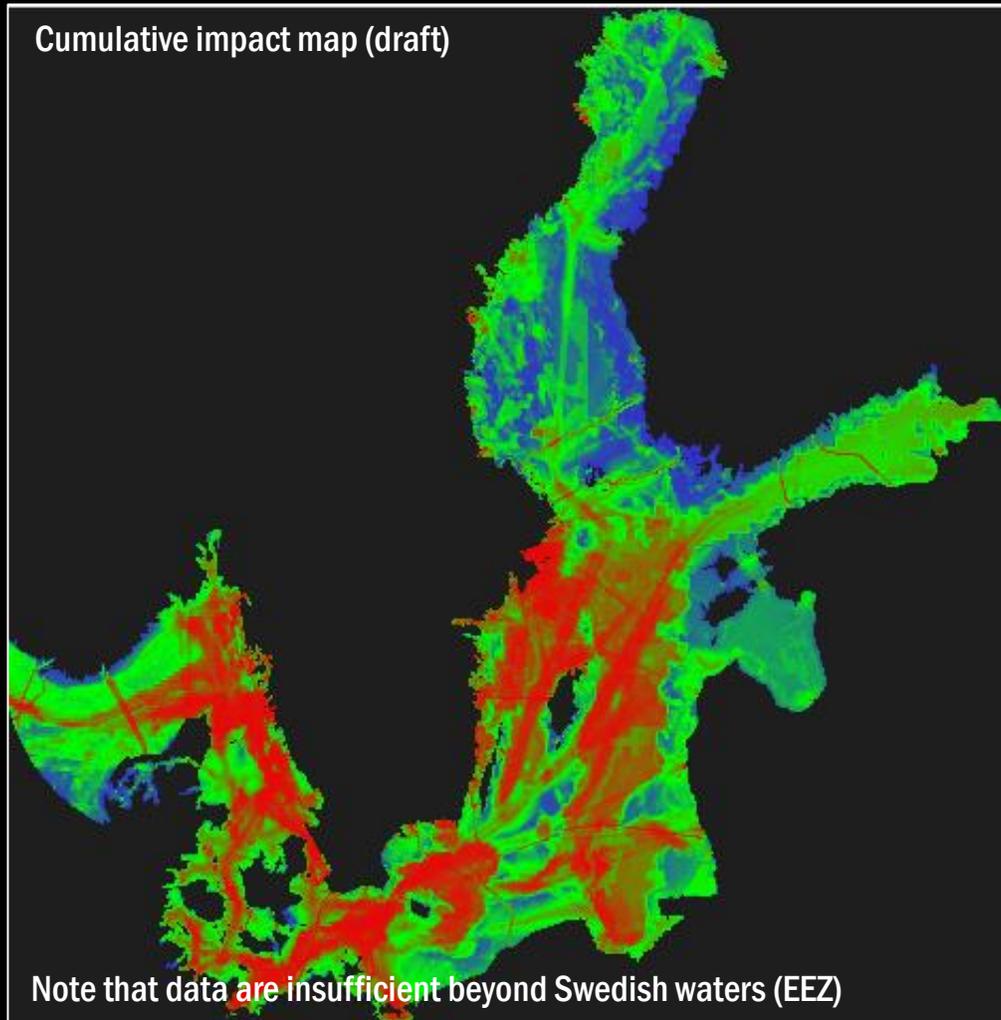
With Symphony we estimate the cumulative impact

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Cumulative impact map (draft)

Note that data are insufficient beyond Swedish waters (EEZ)
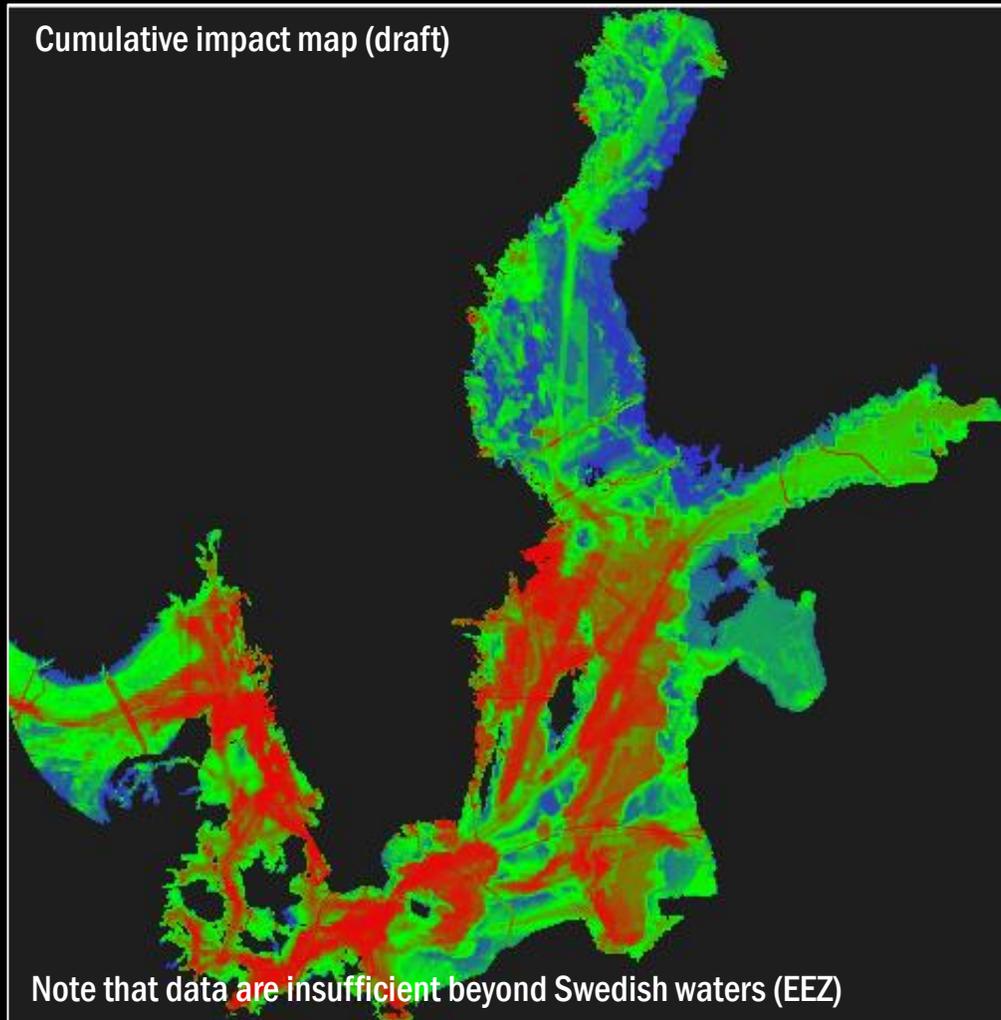
With Symphony we estimate the cumulative impact

This informs us of how to make more sustainable plans

Swedish Agency for Marine and Water Management

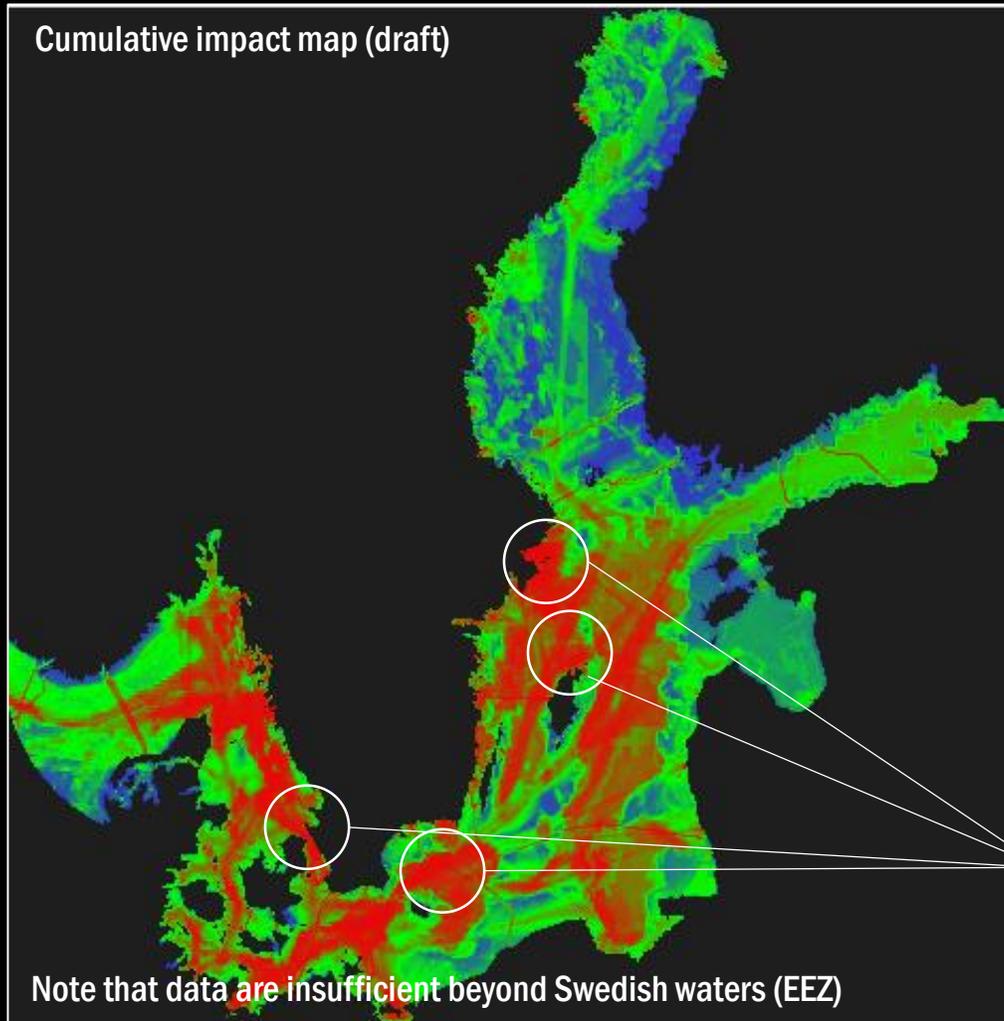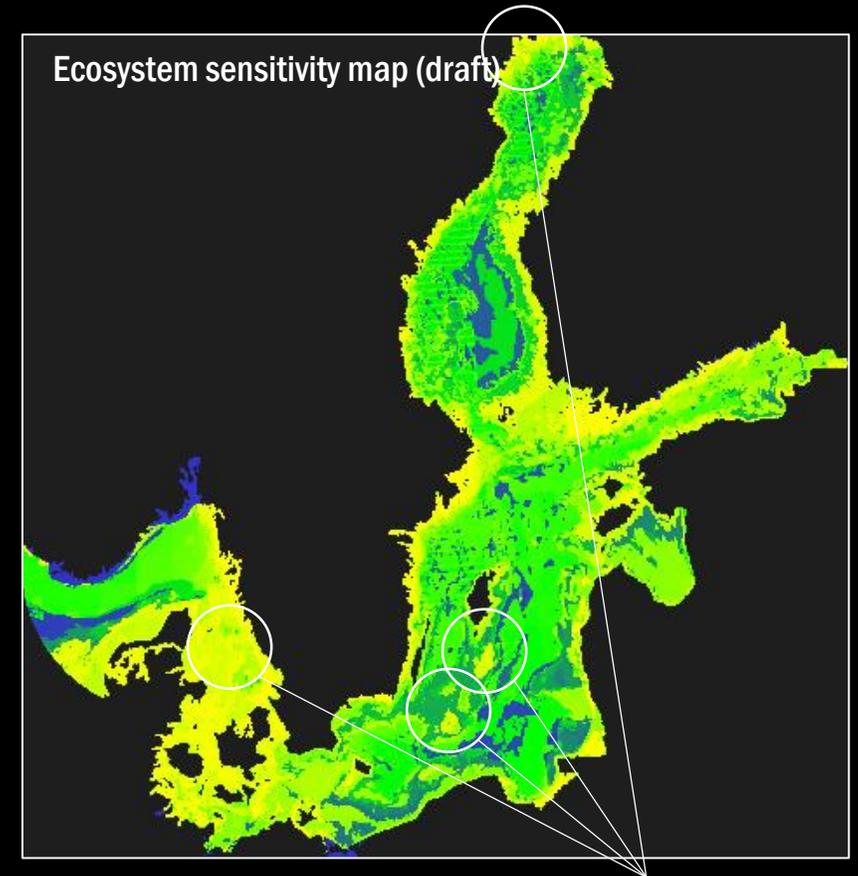# Marine Spatial Planning is maritime development on maps

Cumulative impact map (draft)

Note that data are insufficient beyond Swedish waters (EEZ)
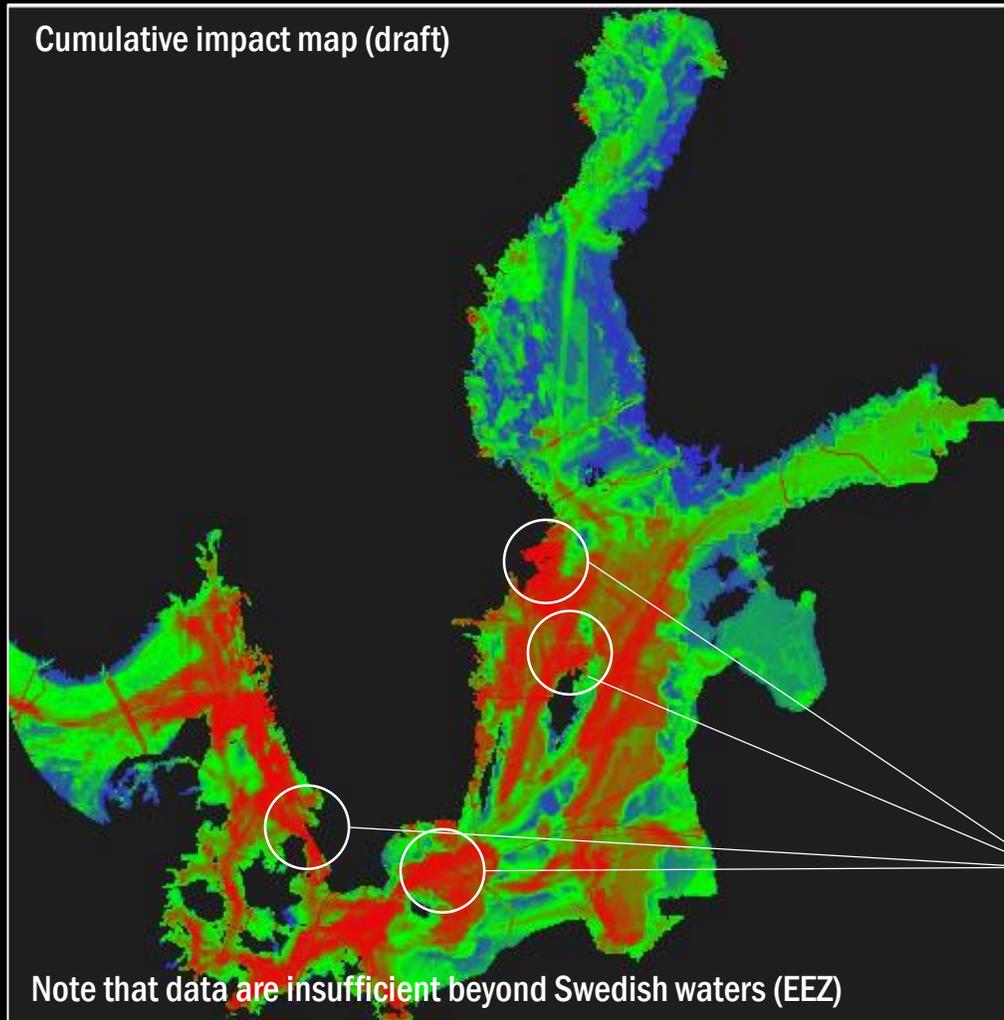
Symphony help us to identify areas of concern

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Cumulative impact map (draft)

Note that data are insufficient beyond Swedish waters (EEZ)

Ecosystem sensitivity map (draft)
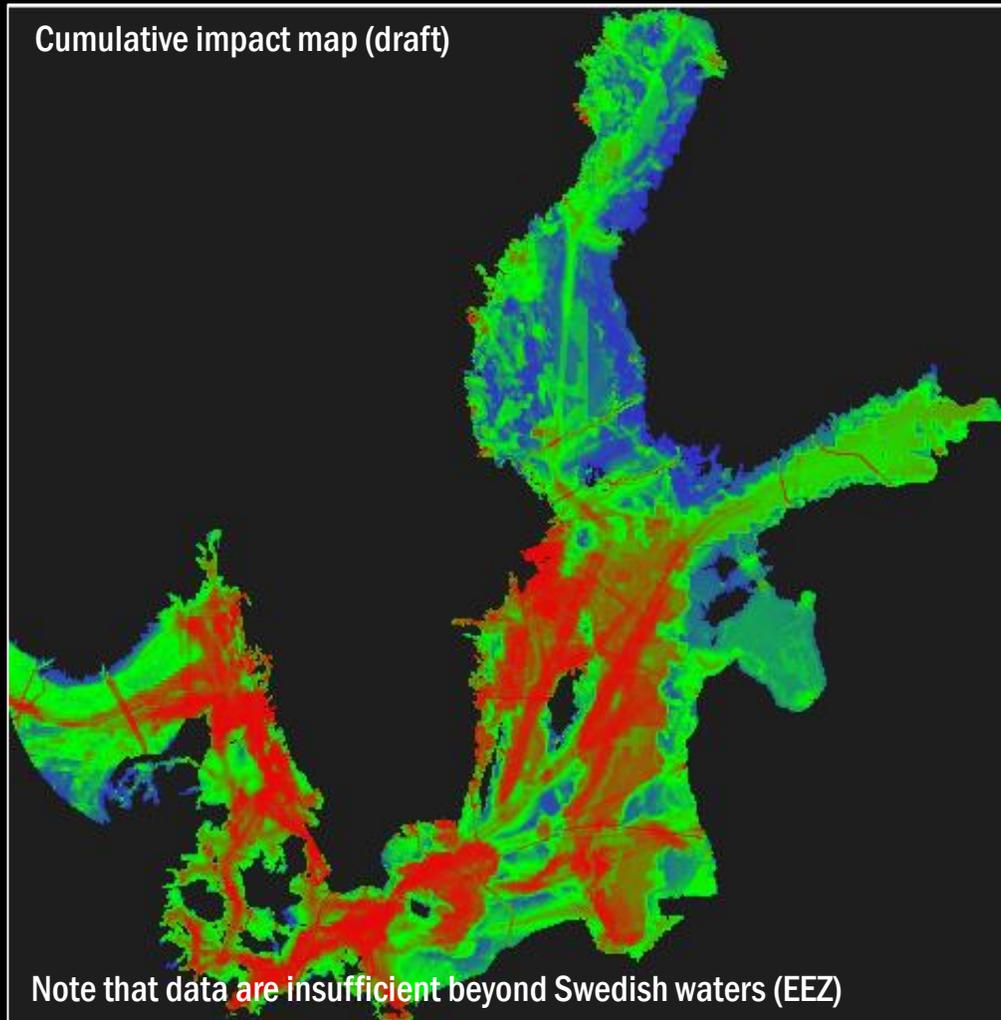
Symphony help us to identify areas of concern

And shows where ecosystems are most sensitive

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Cumulative impact map (draft)

Note that data are insufficient beyond Swedish waters (EEZ)
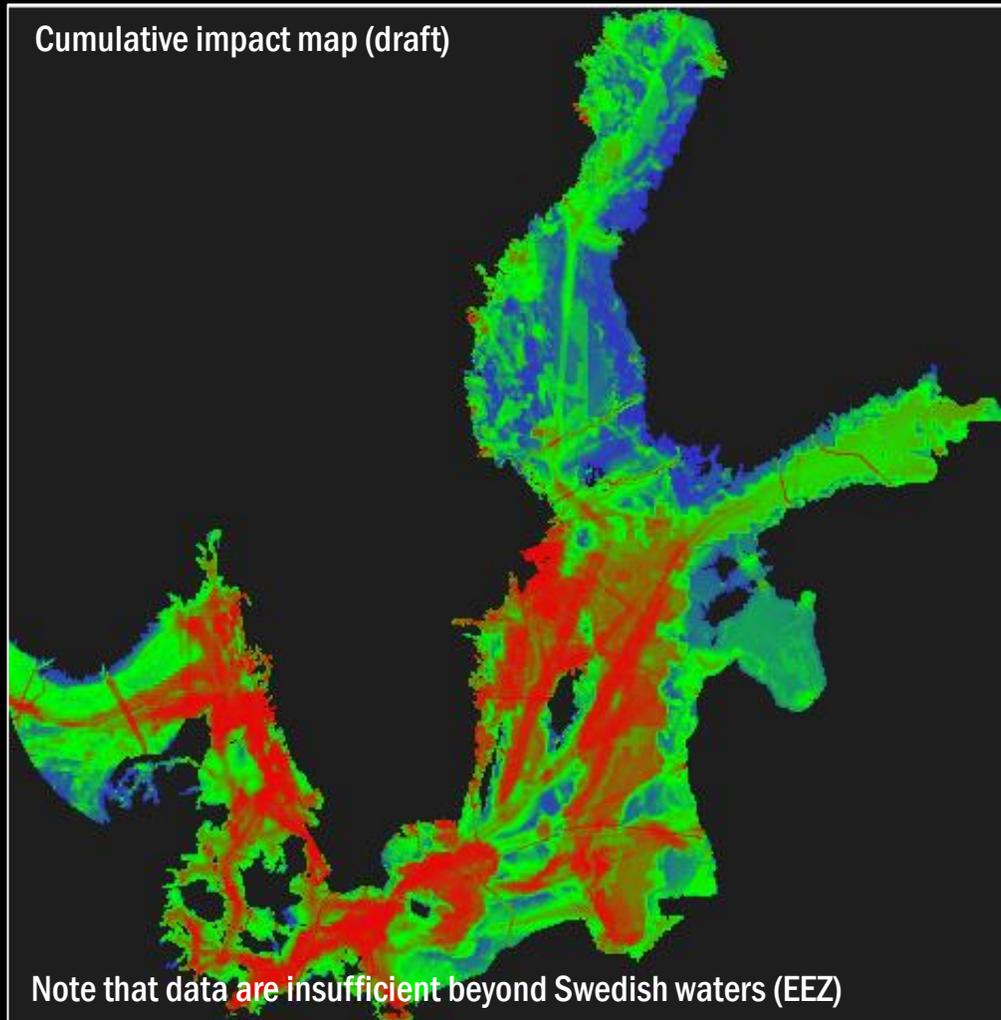
With help of Symphony

..we identify problems in our plans

..we consult stakeholders

..we test new alternatives

..we plan for sustainable development

Swedish Agency for Marine and Water Management

Marine Spatial Planning is maritime development on maps

Cumulative impact map (draft)

Note that data are insufficient beyond Swedish waters (EEZ)

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 collaboratation with the Swedish Geological Survey

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Symphony method

1 Maps of ecosystem components
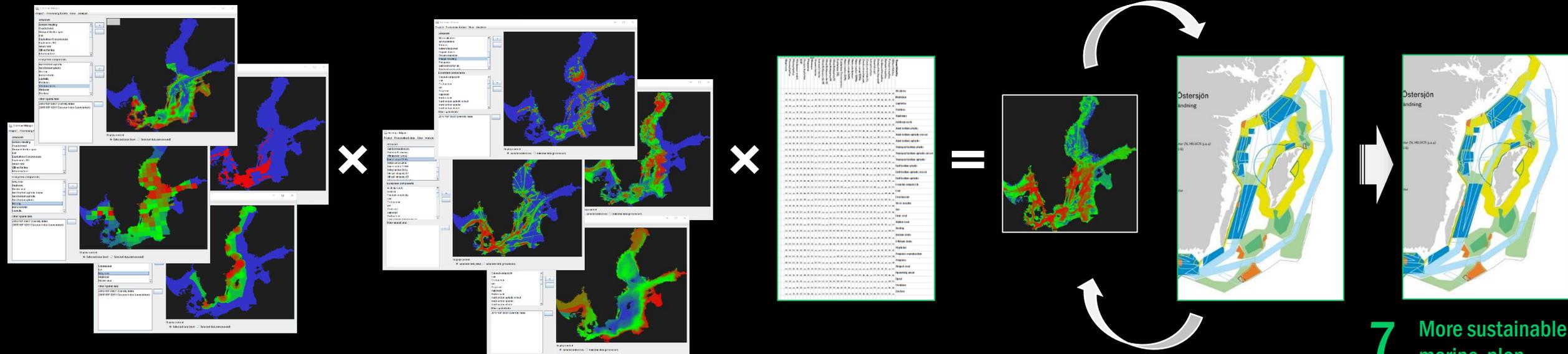
2 Maps of marine pressures

3 Sensitivity matrix based on experts

4 Baseline results

5 Link pressures to maritime plan

6 Results for plan iteration

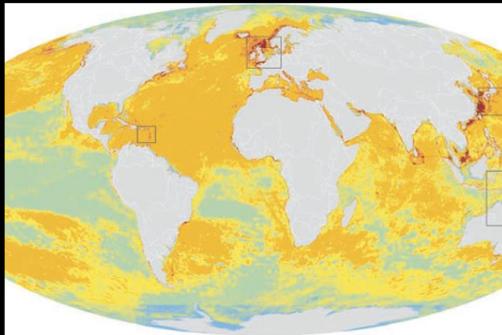**7** More sustainable marine plan

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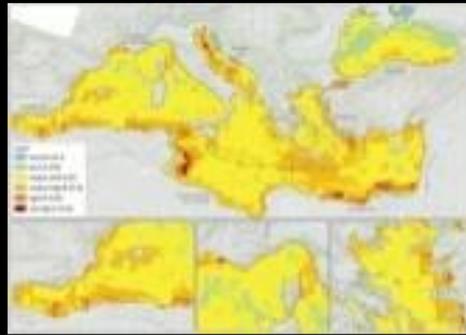
Symphony method

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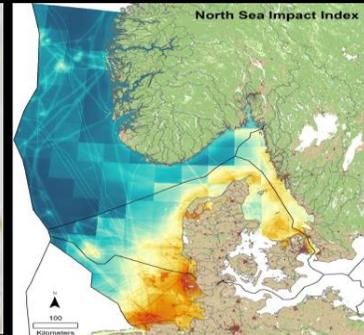.. similar method has been used in several status assessments

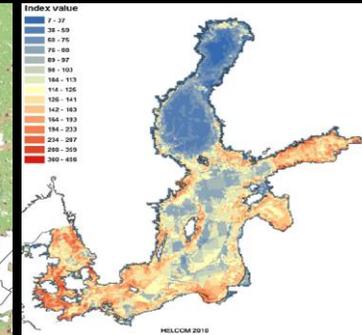**Swedish Agency for Marine and Water Management**

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