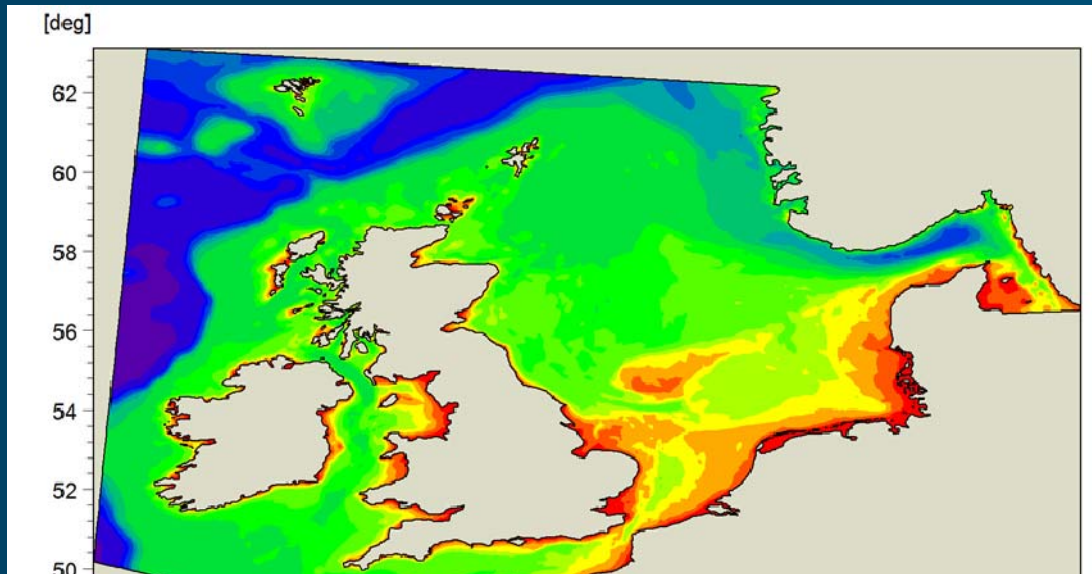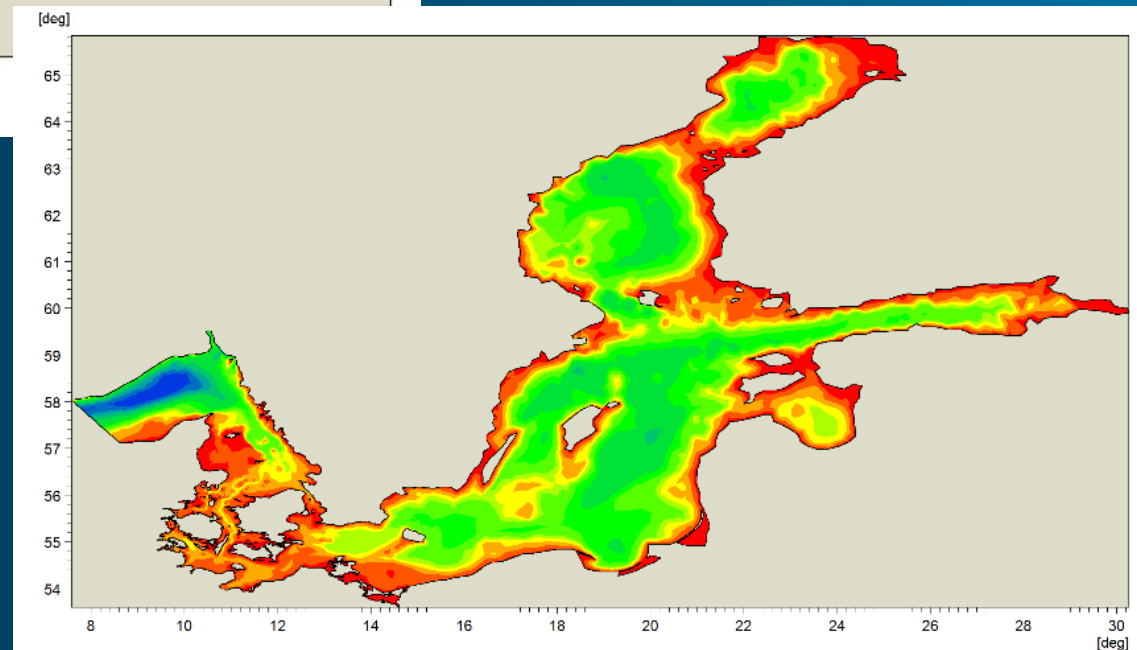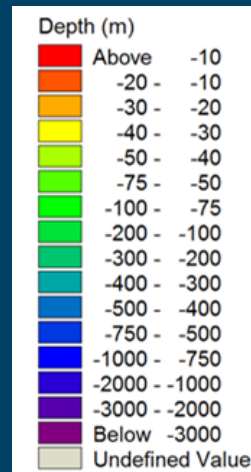# FerryBox data in ecosystem modelling

Rikke Margrethe Closter and Anders Christian Erichsen
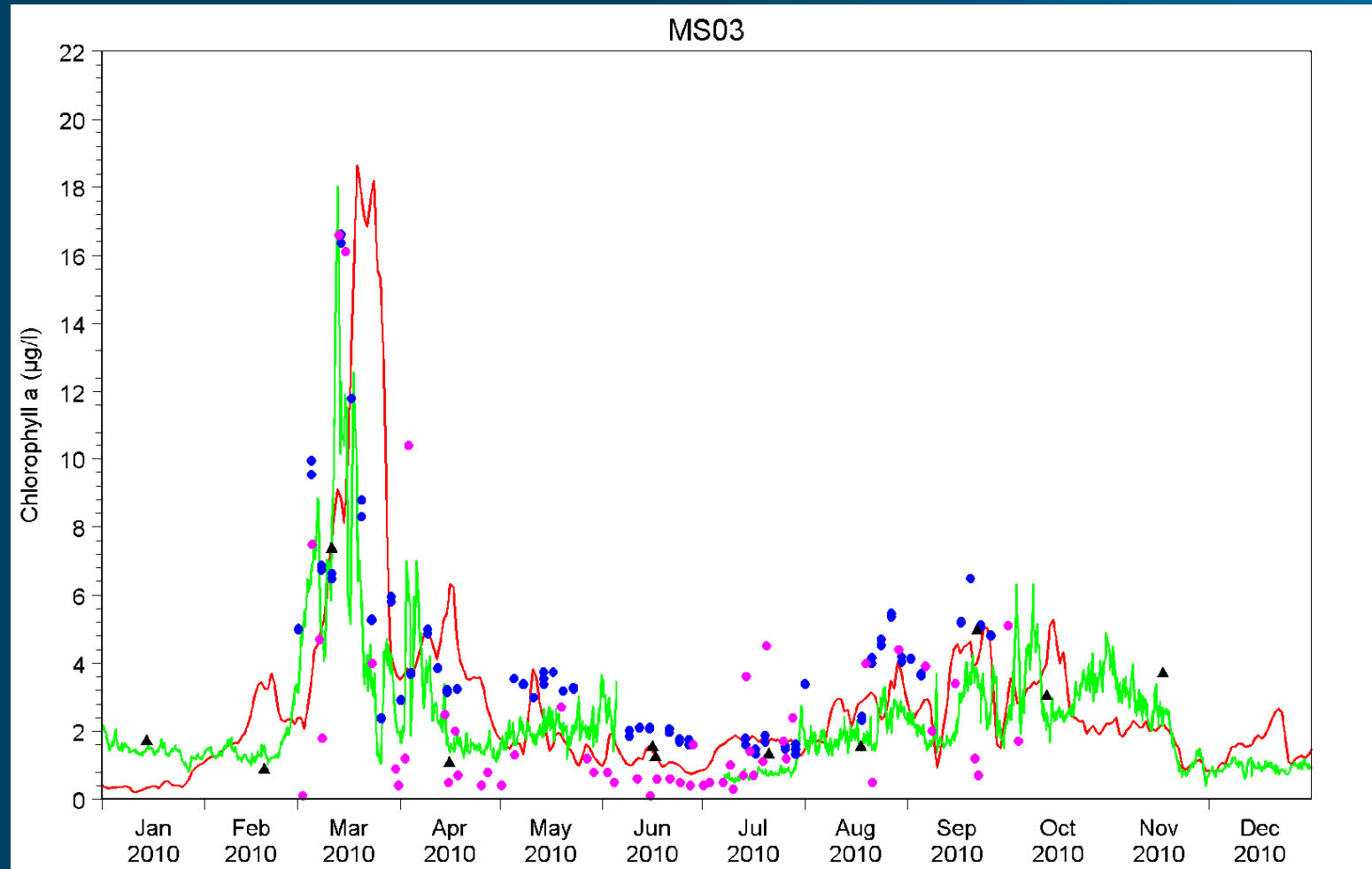**rmc@dhigroup.com**

DHI

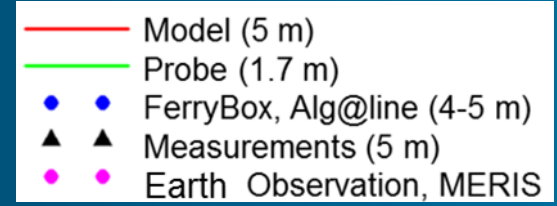# Examples of model domains – Baltic Sea and North Sea

- Applied ecosystem modelling is an important part of DHI's services

- Carried out for private and public customers, or in partnerships with other Danish consultants.

Depth (m)

Color	Range	
	Above	-10
	-20 -	-10
	-30 -	-20
	-40 -	-30
	-50 -	-40
	-75 -	-50
	-100 -	-75
	-200 -	-100
	-300 -	-200
	-400 -	-300
	-500 -	-400
	-750 -	-500
	-1000 -	-750
	-2000 -	-1000
	-3000 -	-2000
	Below	-3000
	Undefined Value	

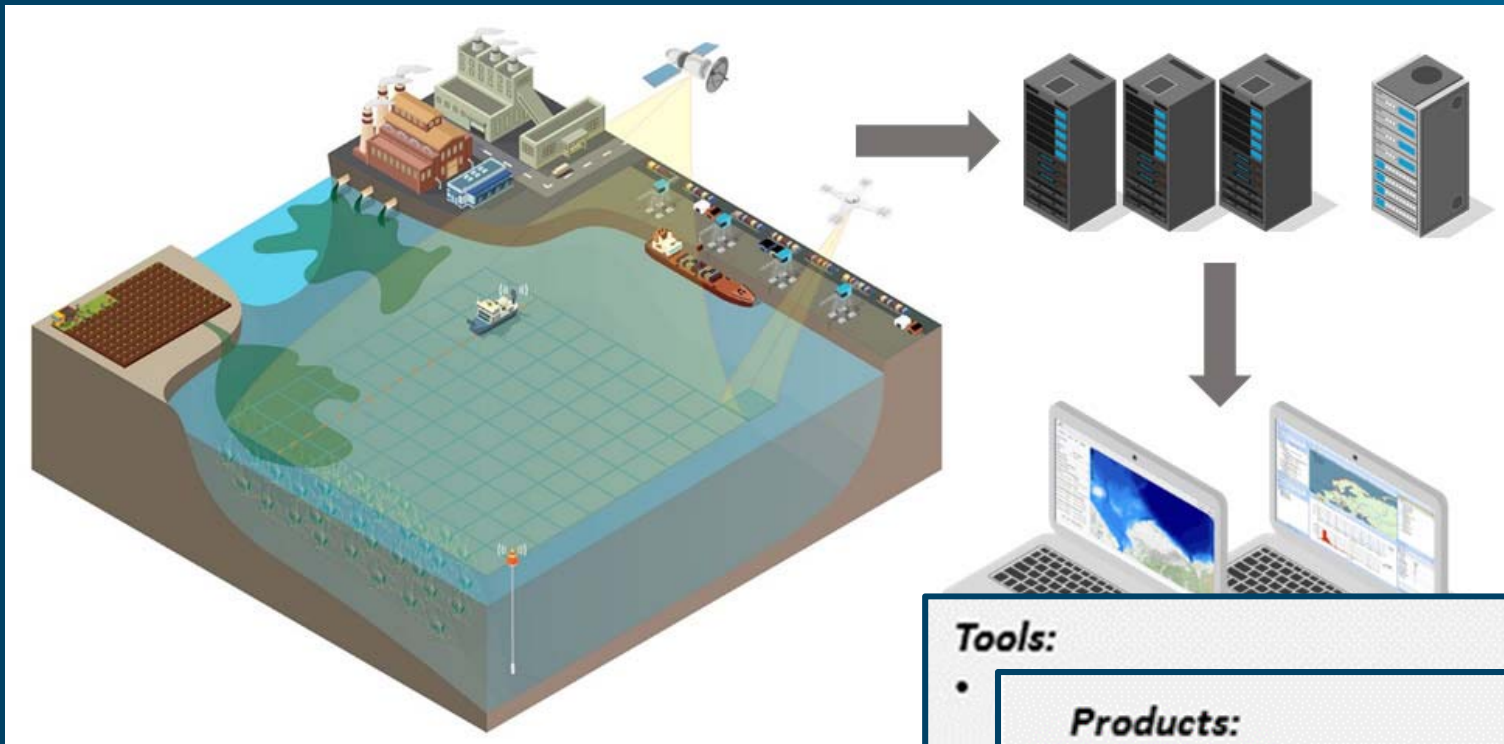# Do different types of measurements tell the same story?

MS03

The ecosystem models rely on high quality data. Improves the real-time description and predictions of the marine environment, and thus the information basis for management.

Legend:
- Model (5 m)
- Probe (1.7 m)
- FerryBox, Alg@line (4-5 m)
- Measurements (5 m)
- Earth Observation, MERIS

SeaStatus
Innovative Technologies for Quantification of Sea Status

The SeaStatus project exploits the potential of combining the increasing amount of new environmental data-rich sources like on-line sensors, remote sensing and ferry-box data with ecosystem knowledge and modelling.

© DHI

Tools:
-
-
-
-

Products:
-
-
-

Services:
- Methodology for introducing uncertainty
- Recommendations on methods for specific use-cases
- EIA aligned with new directive
- Intelligent ecosystem management

Thank you!

Partners

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