

National report Norway

SAIHC16 2-5 September 2019, Cape Town



Highlights

- Restructuring NHS
- Development Marine Spatial management Tool
- Mareano
- Digital Nautical Publ.
- S-102 project
- Marine base maps in Norway (MAGIN)
- Condensed depth curves pilot project













MSDI # HSDI

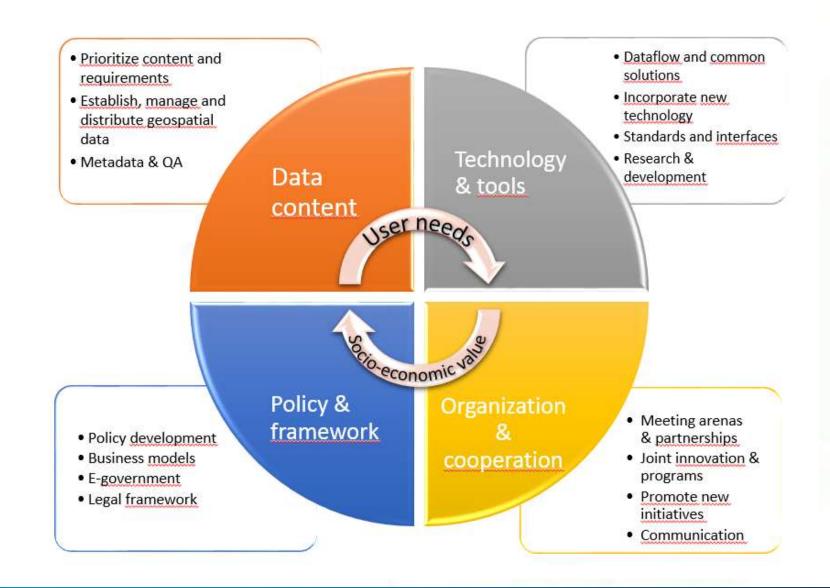
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National Spatial Data Infrastructure



Marine Spatial Management Tool

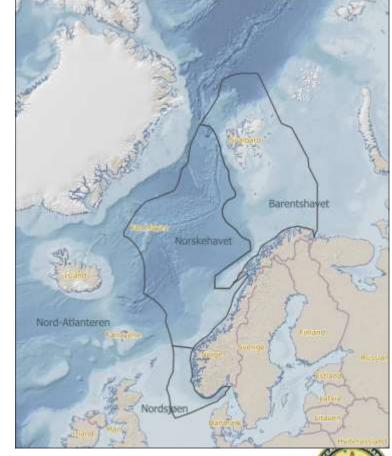
Support the marine spatial planning process with updated and reliable geospatial information

Marine management is important to Norway with extensive ocean areas which are very rich in resources

The purpose of the management plans is to facilitate value creation while also maintaining natural diversity

The Ministry of Climate and Environment is responsible and leads an intergovernmental Steering Committee that has representation from all the ministries that work with issues relating to these marine areas

The foundation is an extensive collaboration, both between expert groups and between ministries







Marine Spatial Management Tool

A cross-sectoral develoment project through an intergovernmental cooperation

A governmental initiative based on the need for a more coherent and uniform geospatial information content, suitable for underpinning tasks attached to marine spatial planning and marine management

- More effective updates of the management plans
- Better overview over political decisions and actions related to marine management
- Contribute to more transparancy, openness and increased involvment from the stakeholders





Marine Spatial Management Tool

Examples of building thematic maps

Status at the moment:

- 30 main categories of thematic data available through corresponding geospatial services
- 11 governmental agencies serving their respective thematic datasets and geospatial services

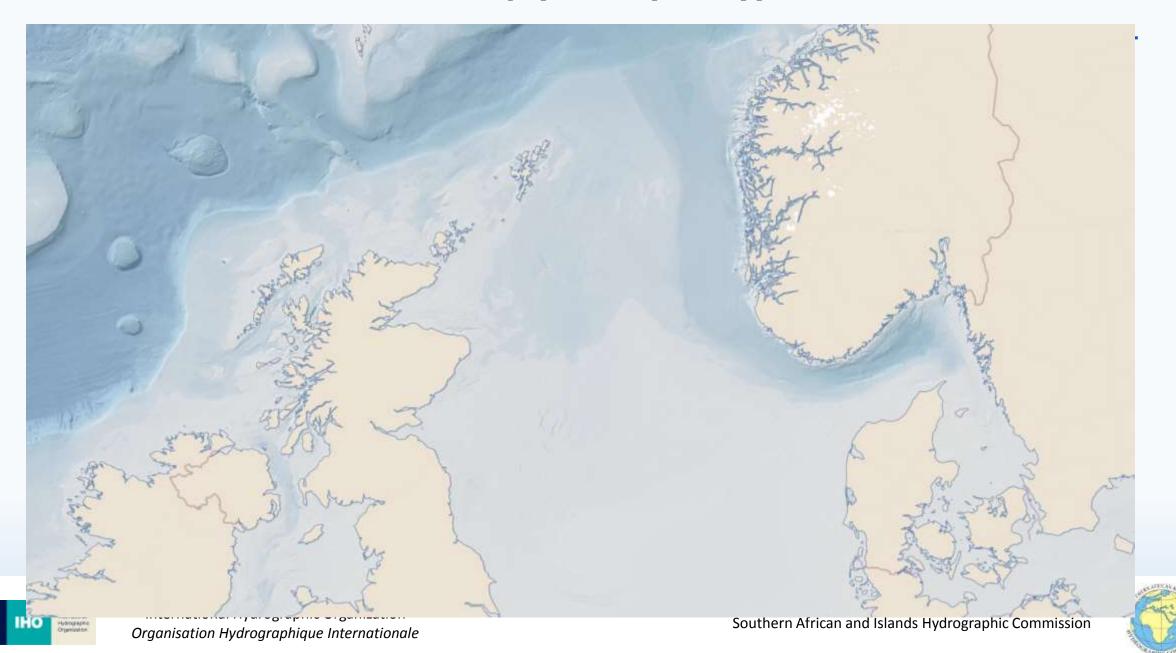




Base map Number The state of the state of

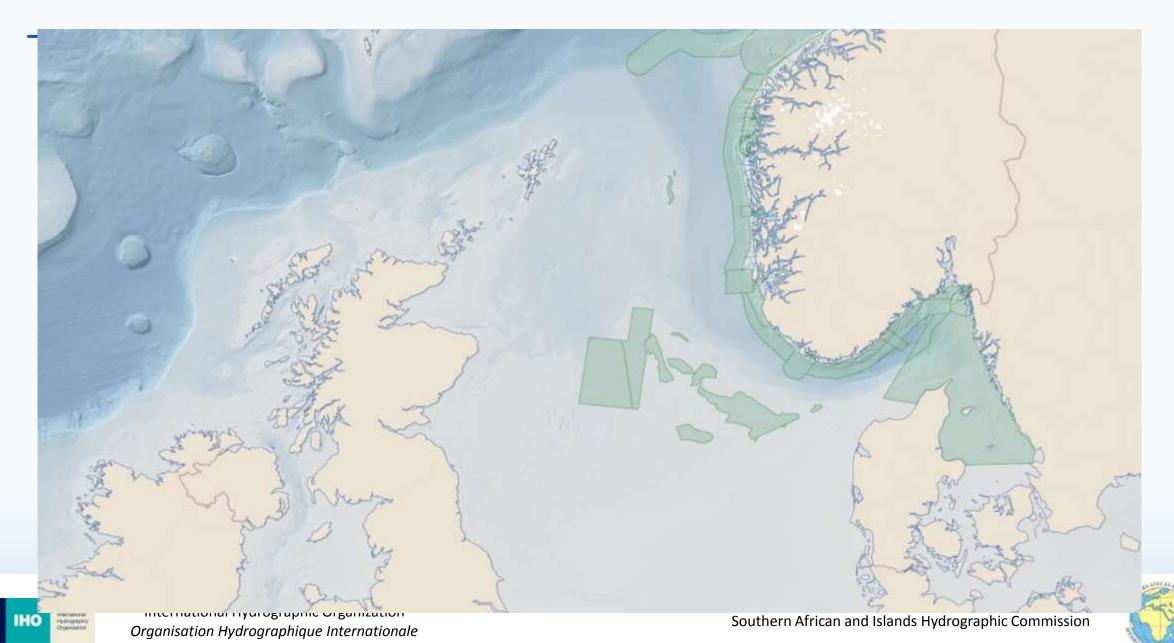


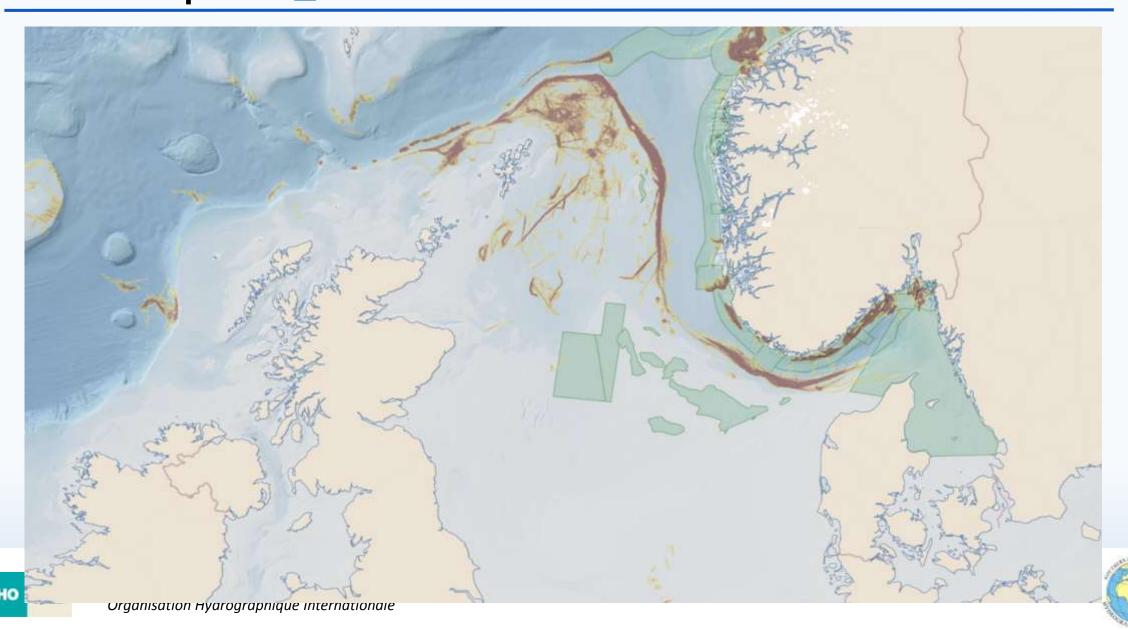
Base map (+ bathymetry) ≥

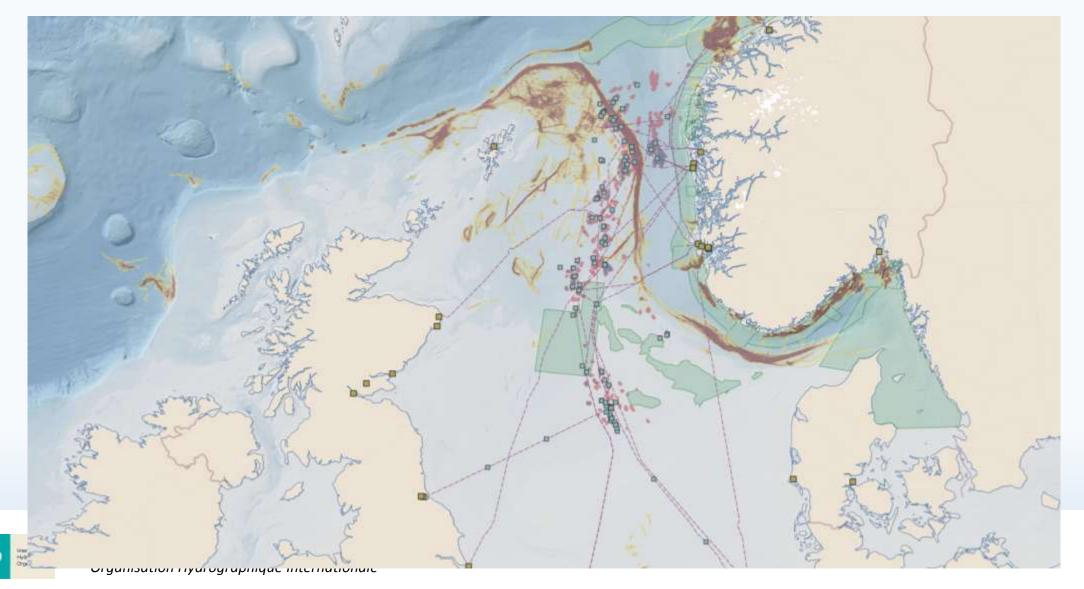


Particularly valuable marine areas + Base np





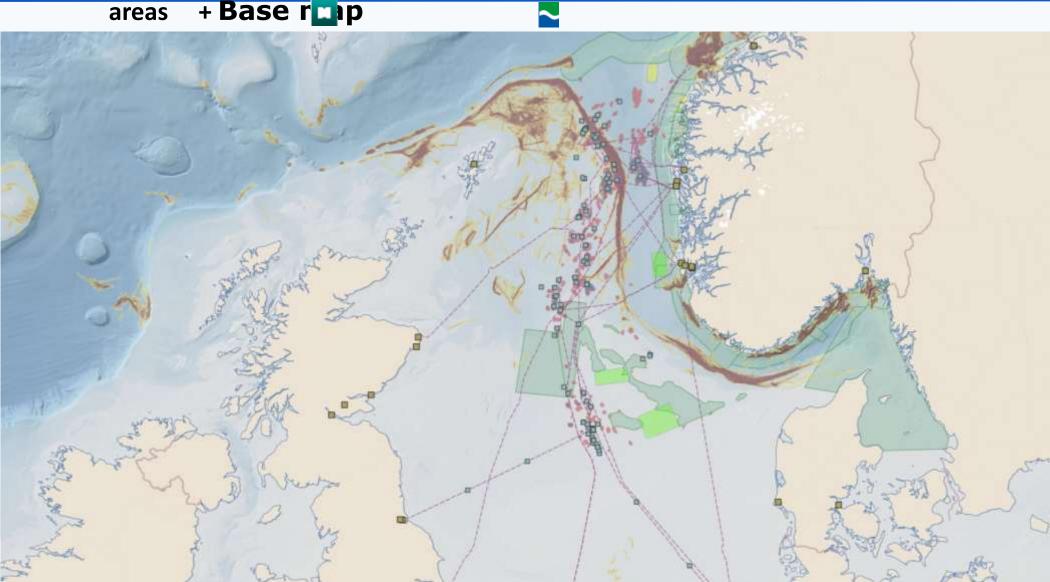






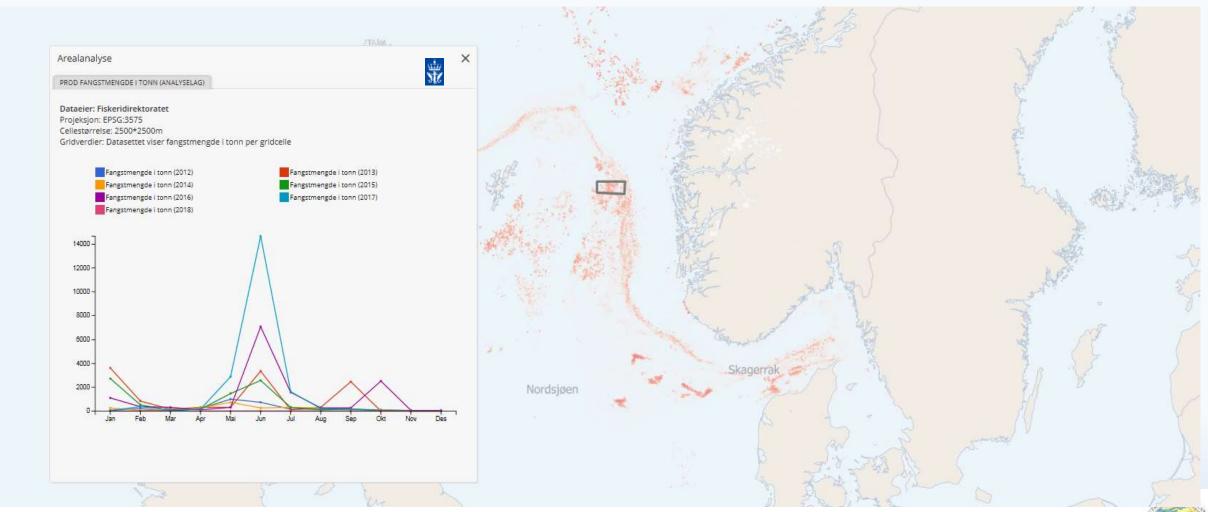
Offshore wind farm assessments # + Petroleum activities ****** + Commercial fishing ****** + Valuable marine

areas + Base rulp

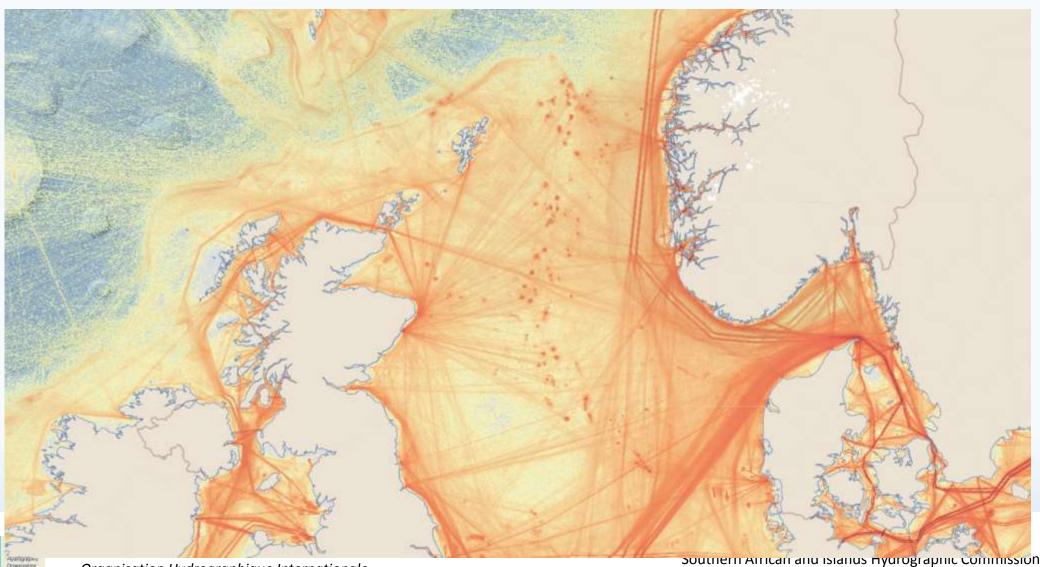




Geospatial statistics

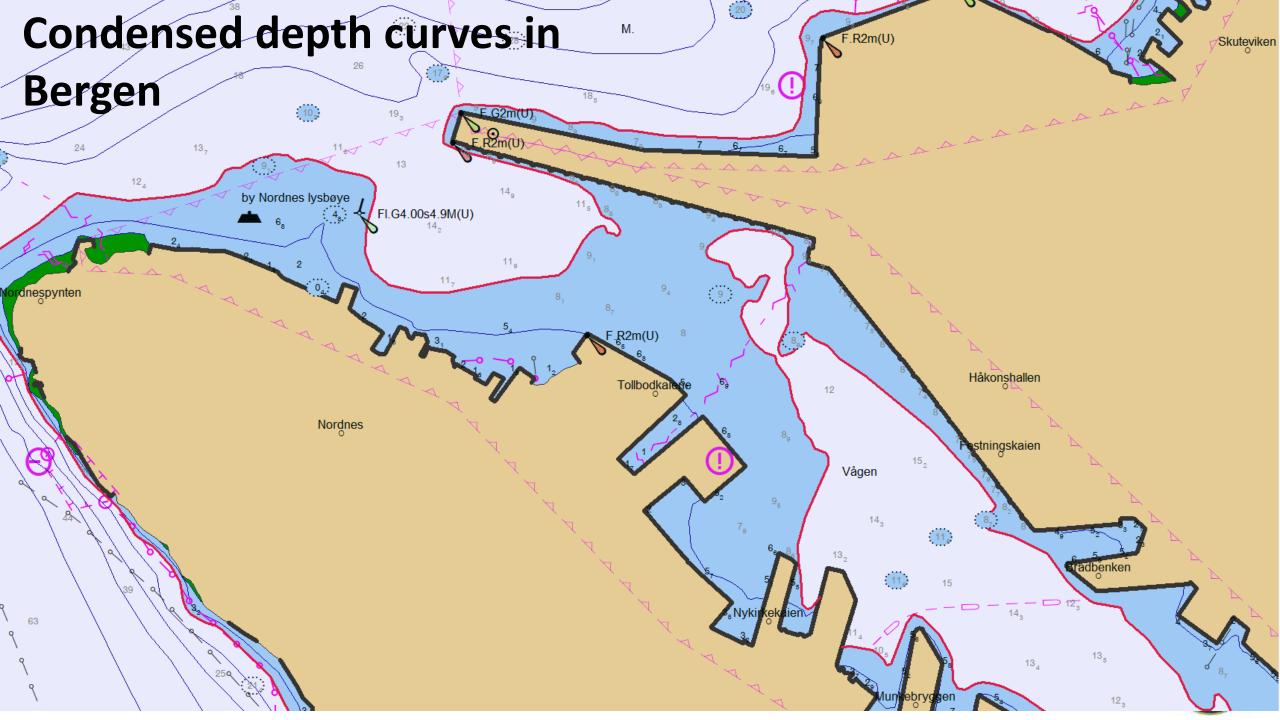


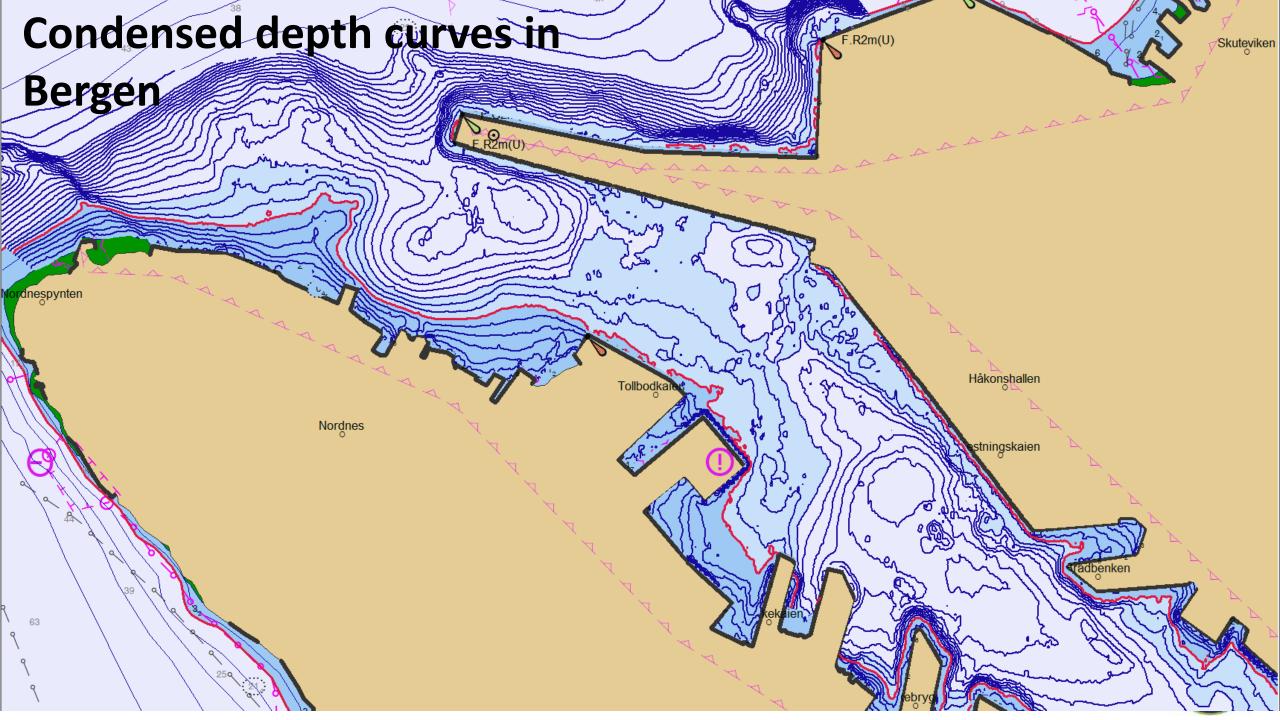
Ship traffic density





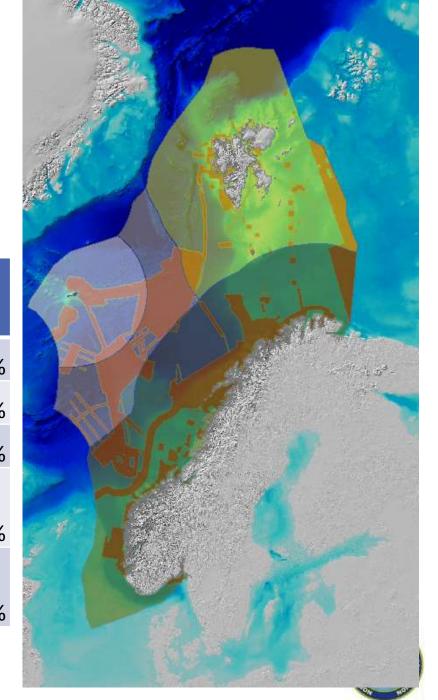






Seabed 2030

area	tot_km2	SB_data_km 2	missing_km2	coverage_%
Norway	935,635	314,185	621,450	33.6%
Svalbard	805,143	117,014	688,129	14.5%
Jan Mayen	296,493	81,404	215,089	27.5%
International waters	319,706	151,709	167,997	47.5%
total	2,356,977	664,312	1,692,665	28.2%





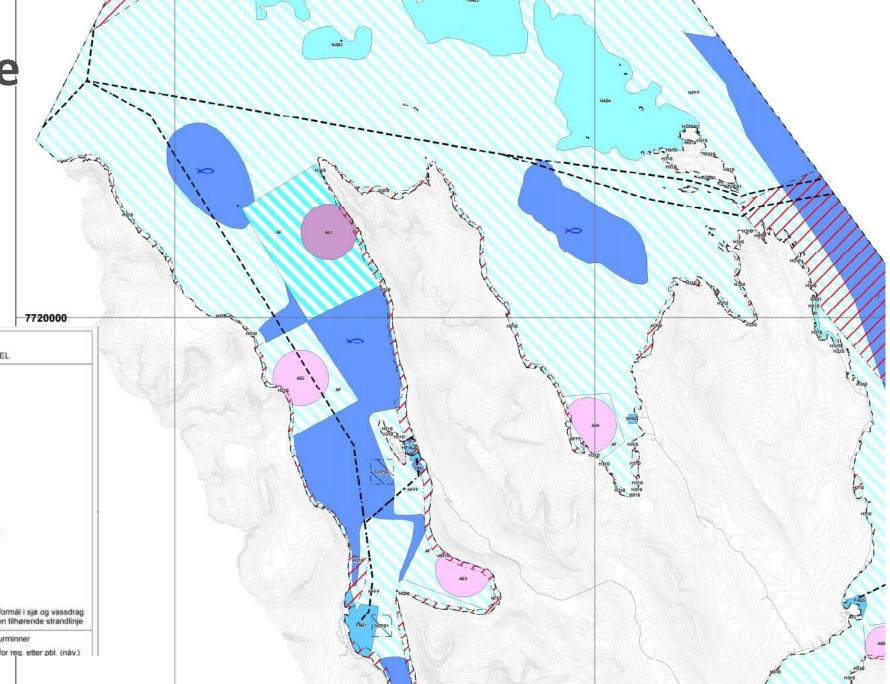


Marine base maps





Regulation of the Sea basin







Marine base maps will provide fundamental and standardized marine knowledge that will be presented such that it can be combined with other accessible information (data sets and services).

Data will be stored and maintained in government data bases and will be made available free of charge through public portals.

The products are categorized in five main groups: terrain model, sea bottom conditions, oceanography, status of the environment and habitats an nature types.



Questions?



