



37th NSHC meeting

EMODnet Bathymetry Status

Presented by Shom on behalf of the EMODnet Consortium

8 – 10 April 2024, Malmo, Sweden

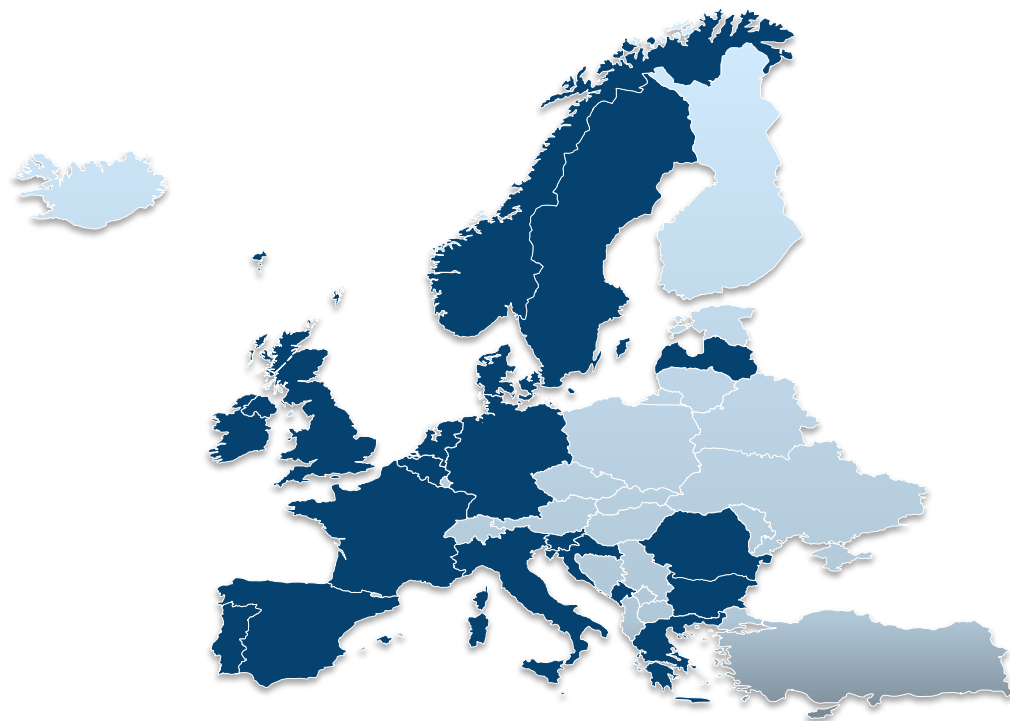


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MEMBERS OF THE CONSORTIUM

International Hydrographic Organization

NSHC members: Flemish Hydrography, Danish Geodata Agency, Shom, BSH, GSI, RNLN, SMA, Norwegian Mapping Authority, ICGHD

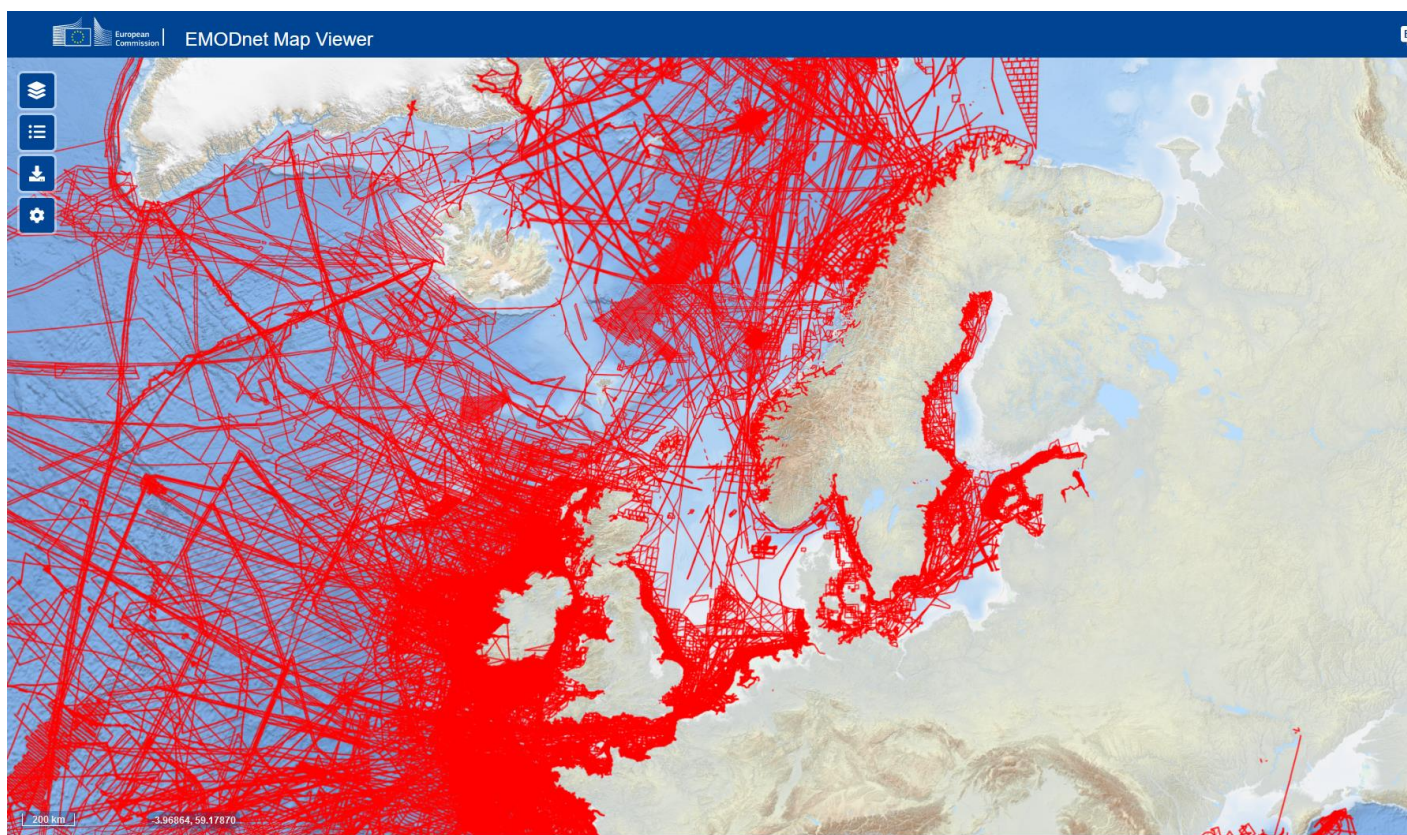




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METADATA CATALOGUING

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WHAT?

Data set name

vakloding NH-SK

Discipline

Marine geology
Terrestrial

Parameter groups

Gravity, magnetics and bathymetry
Terrestrial

Discovery parameters

Bathymetry and Elevation

GEMET-INSPIRE themes

Oceanographic geographical features

Abstract

Bathymetric data extract from bathymetric database

Data format

XYZ ASCII: Version 1.0

Data size

0.1

Data set creation date

20140613

WHERE?

Map



GML id

ms01

GML objects

Name	Description
RA16522_6132	coverage

Datum

World Geodetic System 84

Measuring area type

surface

Water depth (m)

-9999

Depth reference

Normaal Amsterdams Peil

Minimum instrument depth (m)

-9999

Maximum instrument depth (m)

-9999

Sea regions

North Sea

- Over 42.000 surveys entries (CDI – leadline, singlebeam, multibeam, Lidar)
- Circa 280 Composite DTM (CPRD – e.g. MAREANO, Israel NBS, IBCAO, Satellite Derived Bathymetry, ...)
- Associated Metadata (INSPIRE compatible, ISO 19115- based upon an unified and agreed thesaurus – BODC held)
- Source data held by the data provider, who decide how to provide its dataset to the final user



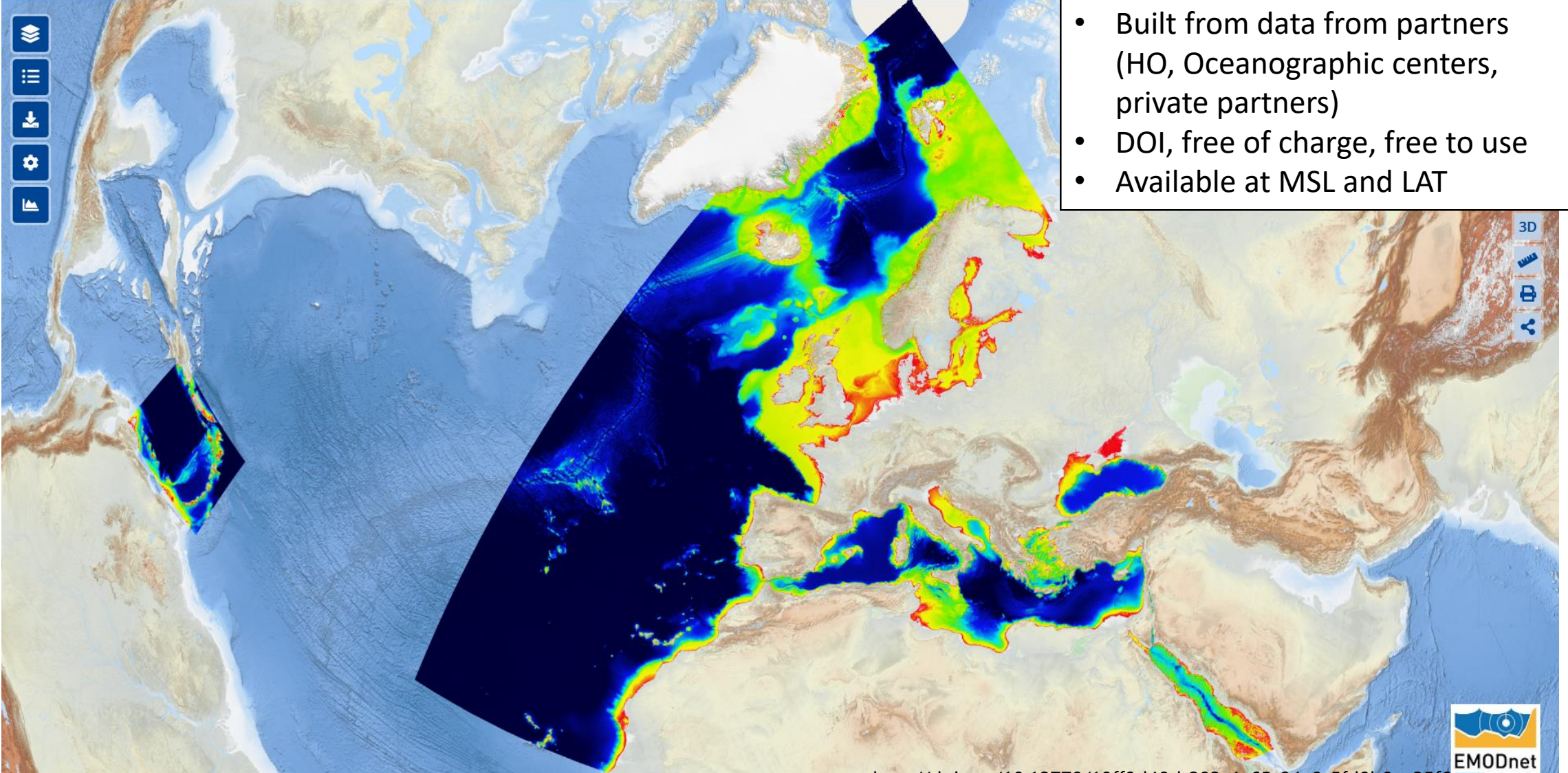
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EMODNET BATHYMETRY DTM

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EMODnet Map Viewer



- 1/16 arc-minute (approx. 100m)
- Built from data from partners (HO, Oceanographic centers, private partners)
- DOI, free of charge, free to use
- Available at MSL and LAT





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HR DTM

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- > 200 High resolution DTM (resolution up to the m)



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2024 DTM PRODUCTION AGENDA

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Way towards 2024 update:

- End 03/2024: data providers to finalise their contributions
- 04/2024: Basin coordinator meeting
- 07/2024: aggregation of data per Basin
- 07-12/2024: final QC / Integration of all basins contributions
- 12/2024: Deliverables to be provided to CINEA and associates
- Early 2025: Publication of the new products on the portal (Full DTM, HR DTMS)

