



Royal Netherlands Navy
Hydrographic Service



Overview over seabed data by applying IGIF from the perspective of a Hydrographic Office

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Need for overview



Seabed data

“Map the gaps”



Need for overview



- global

Bestand Bewerken Beeld Geschiedenis Bladwijzers Extra Help

IHO Data Centre for Digital Bathymetry Viewer

https://maps.ngdc.noaa.gov/viewers/iho_dcdb/ Zoeken

IHO International Hydrographic Organization

Data Centre for Digital Bathymetry Viewer

Identify Basemap Options

Layers

- IHO DCDB/NOAA NCEI
 - Multibeam Surveys
 - Multibeam Survey Footprints
 - Multibeam Bathymetry Mosaic
 - Single-Beam Surveys
 - Single-Beam Sounding Density
 - NOAA Hydrographic Surveys:
 - All Surveys with Digital Data
 - Surveys with BAGs
 - BAG Shaded Relief Imagery
 - Search NCEI/DCDB Surveys
 - Crowdsourced Bathymetry Files
 - Search CSB Files
 - U.S. Bathymetry Coverage and Gap Analysis
- EMODnet
 - EMODnet Multibeam Surveys
 - MAREANO Multibeam Surveys
 - MAREANO Multibeam Shaded Relief
 - EMODnet Single-Beam Surveys
 - MAREANO Single-Beam Surveys
 - EMODnet Digital Terrain Model (DTM)
- Australia
- Canada
- France
- Japan
- Netherlands
- Known Non-Public Data
- Bathymetric Coverage Maps

More Information

Help

Atlantic Ocean

Rockall Plateau

West European Basin

Iberian Basin

Azores Basin

Congo-Louisiana Basin

Mediterranean Basin

United Kingdom London

Paris

Milan

Spain

Italy

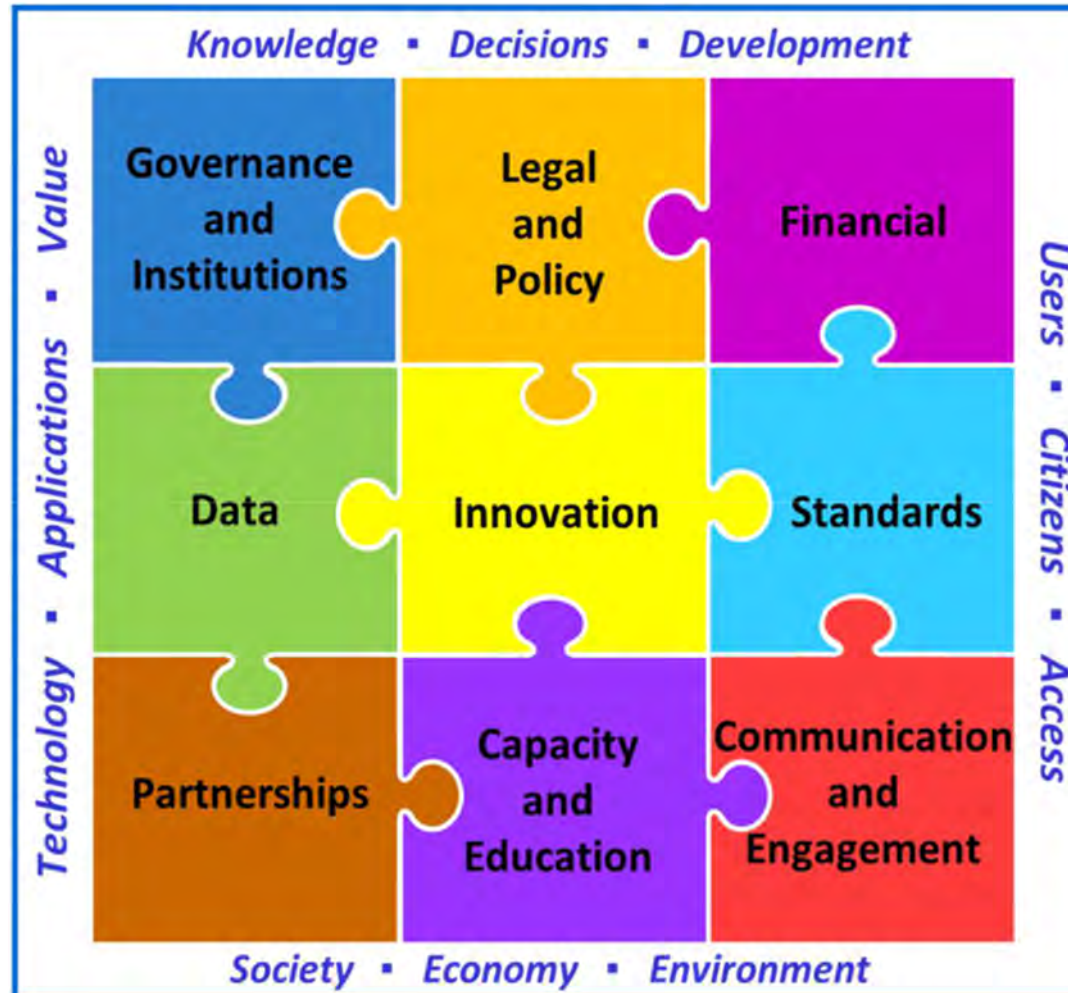
Turkey

300mi

400km

Position: -32.5631, 58.7401

Elevation: -1765.99 meters



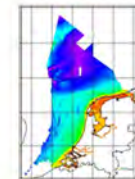
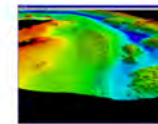
By UN Committee of Experts on Global Geospatial Information Management



Observe

Publish

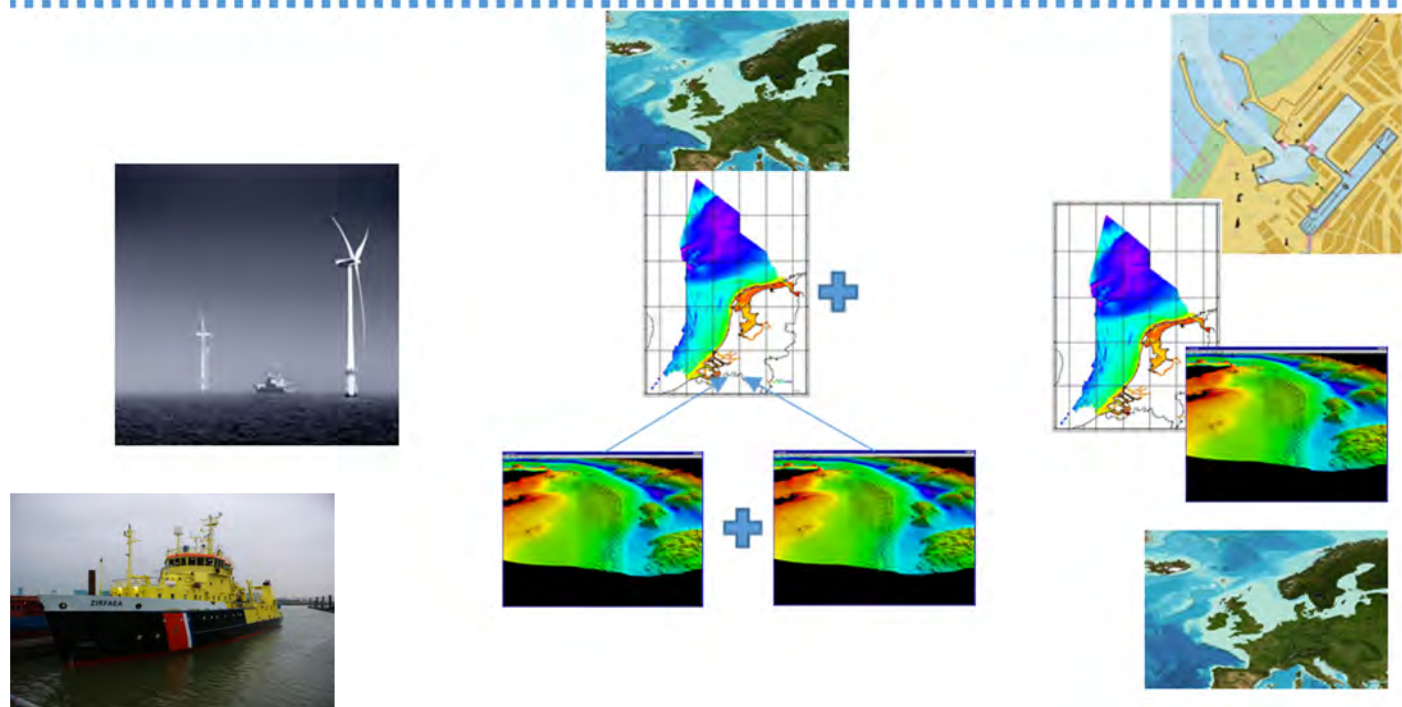
Use (in context)/
Societal Need



Need for overview



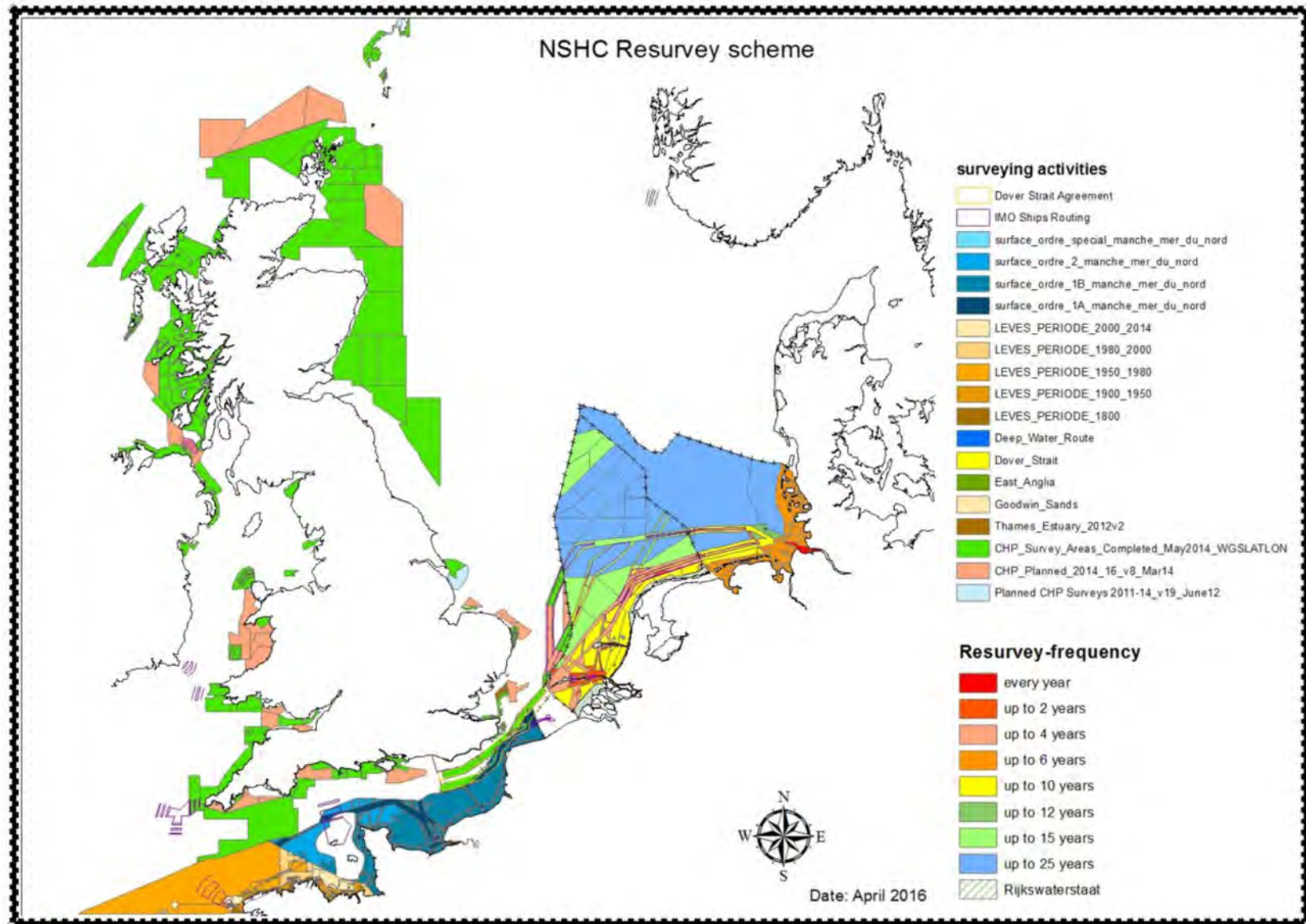
- national



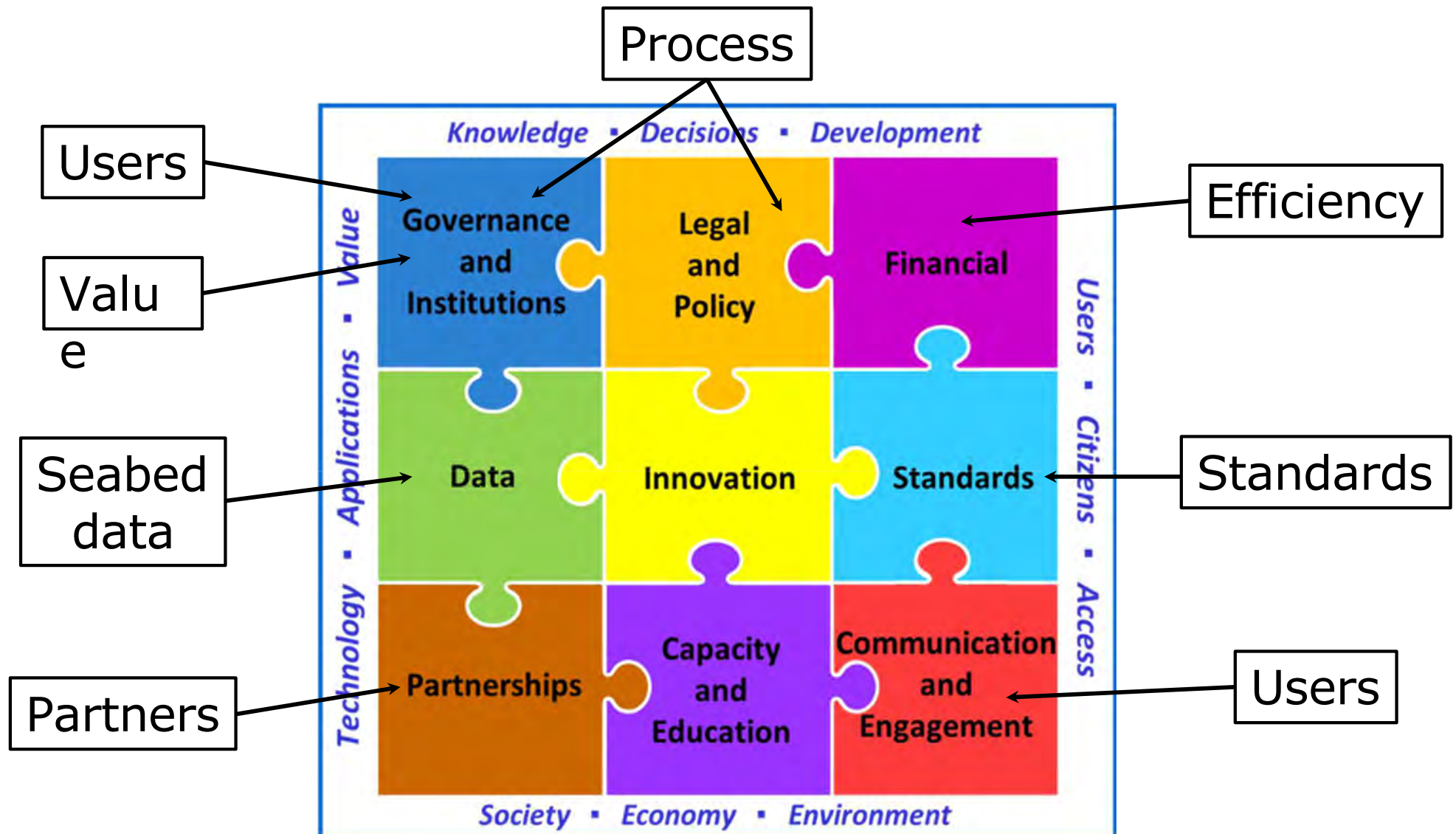
Need for overview



- Northsea basin



Integrated GeoInfo Framework



IGIF (imho) :



- Aligns how we talk about Seabed data
- Aligns along the data value chain (including planning phase is helpful too)
- Facilitates sharing overview
- Facilitates cooperation and coordination across managerial levels



“Map the gaps”

