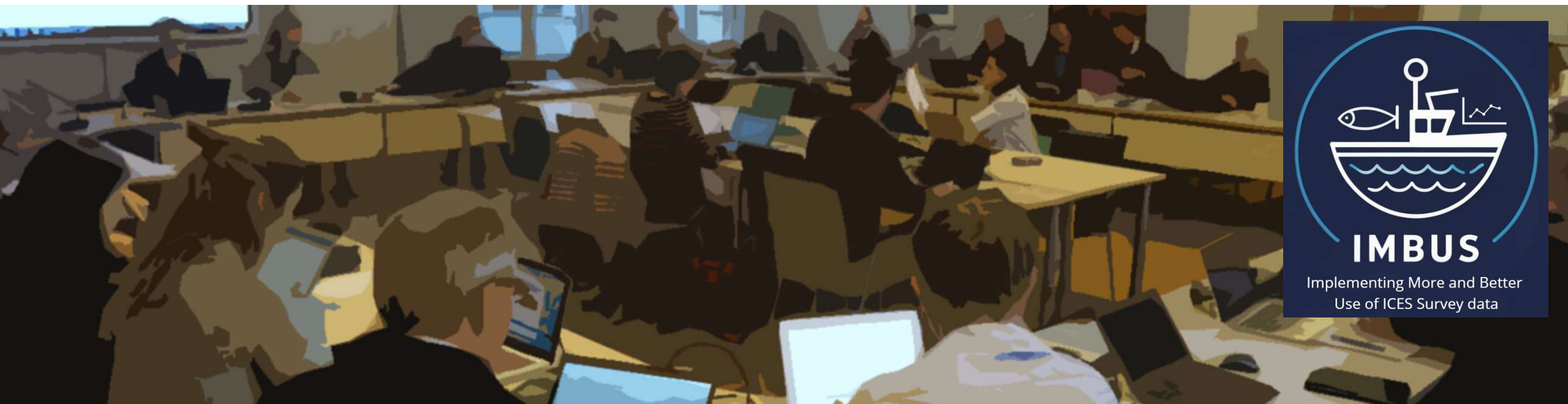
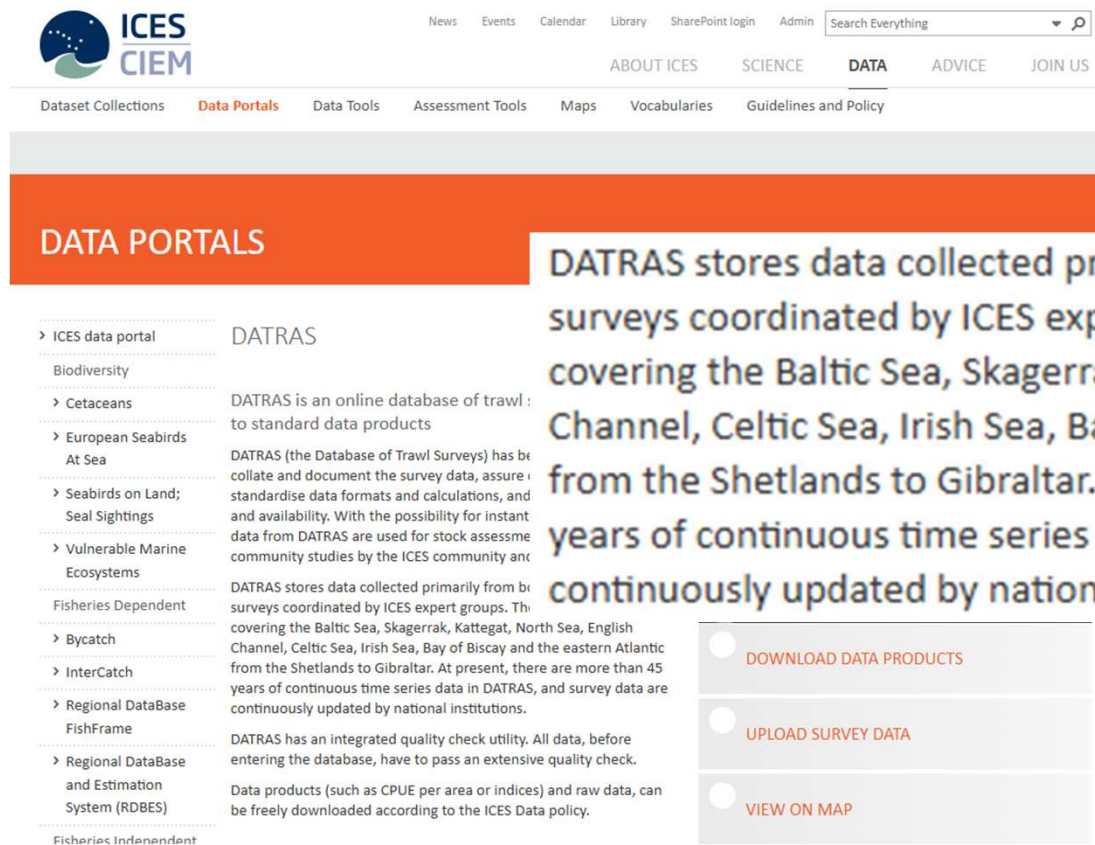




Implementing More and Better Use of ICES Survey data (IMBUS)

Presentation to NWWAC, 15 October 2025,
by Martin Pastoors

DATRAS ICES Survey Data: a 'hidden' gem



The screenshot shows the ICES CIEM website. The top navigation bar includes links for News, Events, Calendar, Library, SharePoint login, and Admin, along with a search bar. Below this is a secondary navigation bar with links for ABOUT ICES, SCIENCE, DATA (highlighted), ADVICE, and JOIN US. A third navigation bar lists Dataset Collections, Data Portals (highlighted), Data Tools, Assessment Tools, Maps, Vocabularies, and Guidelines and Policy. The main content area features a large orange banner with the text 'DATA PORTALS'. Below this, a sidebar on the left lists various data categories: > ICES data portal, Biodiversity, > Cetaceans, > European Seabirds At Sea, > Seabirds on Land; Seal Sightings, > Vulnerable Marine Ecosystems, Fisheries Dependent, > Bycatch, > InterCatch, > Regional DataBase FishFrame, > Regional DataBase and Estimation System (RDBES), and Fisheries Independent. The main text area is titled 'DATRAS' and contains the following text: 'DATRAS is an online database of trawl : to standard data products', 'DATRAS (the Database of Trawl Surveys) has be collate and document the survey data, assure i standardise data formats and calculations, and and availability. With the possibility for instant data from DATRAS are used for stock assessme community studies by the ICES community and', 'DATRAS stores data collected primarily from bi surveys coordinated by ICES expert groups. Thi covering the Baltic Sea, Skagerrak, Kattegat, North Sea, English Channel, Celtic Sea, Irish Sea, Bay of Biscay and the eastern Atlantic from the Shetlands to Gibraltar. At present, there are more than 45 years of continuous time series data in DATRAS, and survey data are continuously updated by national institutions.', 'DATRAS has an integrated quality check utility. All data, before entering the database, have to pass an extensive quality check.', and 'Data products (such as CPUE per area or indices) and raw data, can be freely downloaded according to the ICES Data policy.' To the right of the text, there are three buttons: 'DOWNLOAD DATA PRODUCTS', 'UPLOAD SURVEY DATA', and 'VIEW ON MAP'.

DATRAS stores data collected primarily from bottom trawl fish surveys coordinated by ICES expert groups. The survey data are covering the Baltic Sea, Skagerrak, Kattegat, North Sea, English Channel, Celtic Sea, Irish Sea, Bay of Biscay and the eastern Atlantic from the Shetlands to Gibraltar. At present, there are more than 45 years of continuous time series data in DATRAS, and survey data are continuously updated by national institutions.

DOWNLOAD DATA PRODUCTS

UPLOAD SURVEY DATA

VIEW ON MAP



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IMBUS' ambitions

1. improved quality control of survey data-collection at sea
2. new indicators for stock assessment / spatial distributions
3. wide dissemination of survey results to different user groups



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the European Union



IMBUS project

- Partners

Technical
University of
Denmark



Foras na Mara
Marine Institute



- Duration: September 2025-August 2027
- Budget: 600 000 €



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the European Union



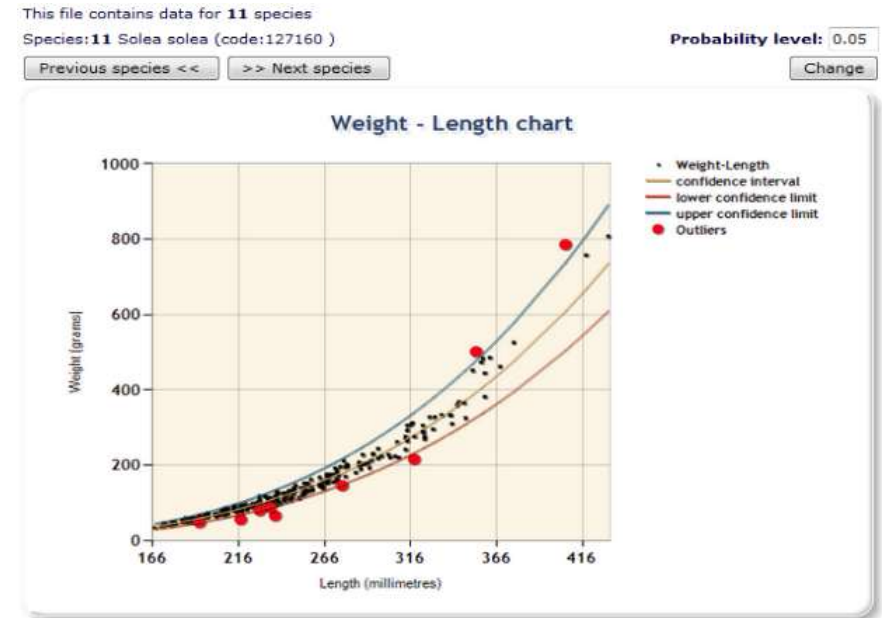
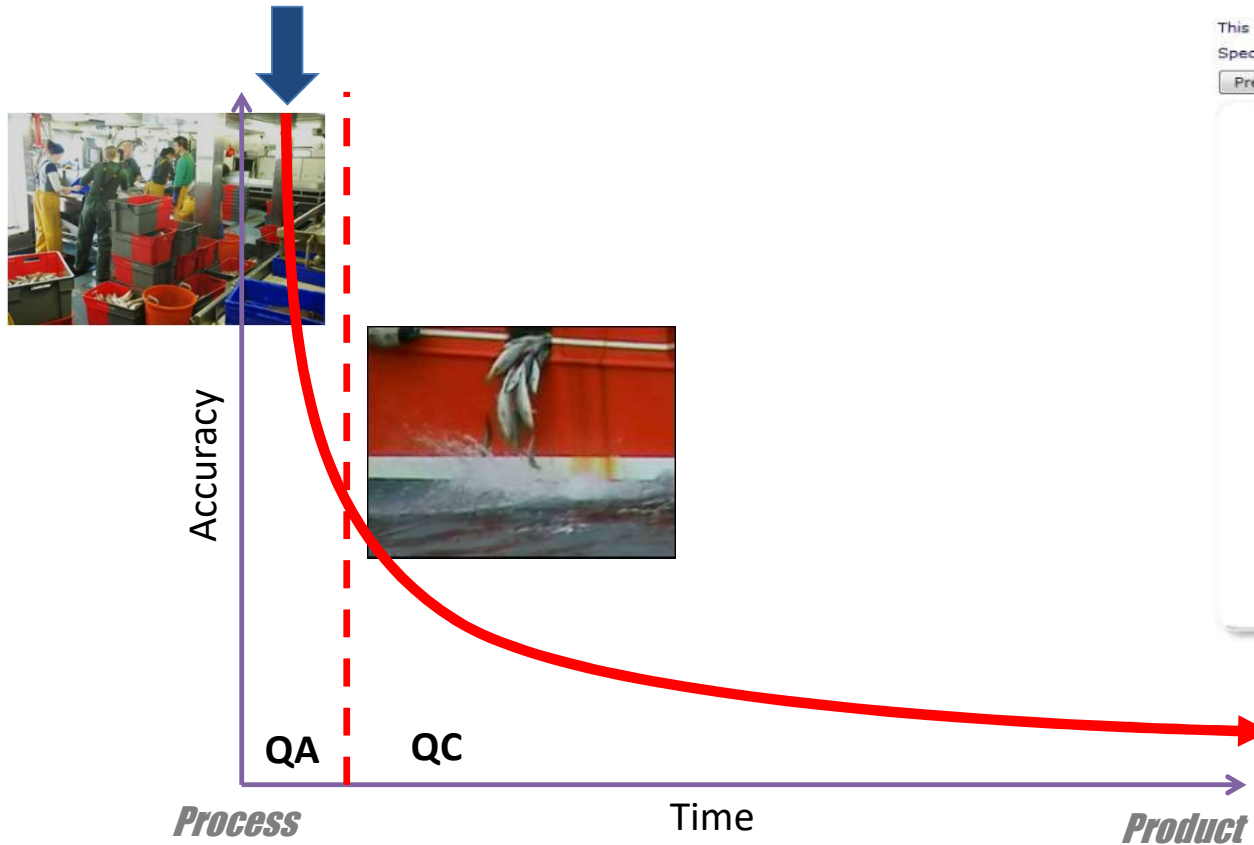
IMBUS Stakeholder Advisory Board



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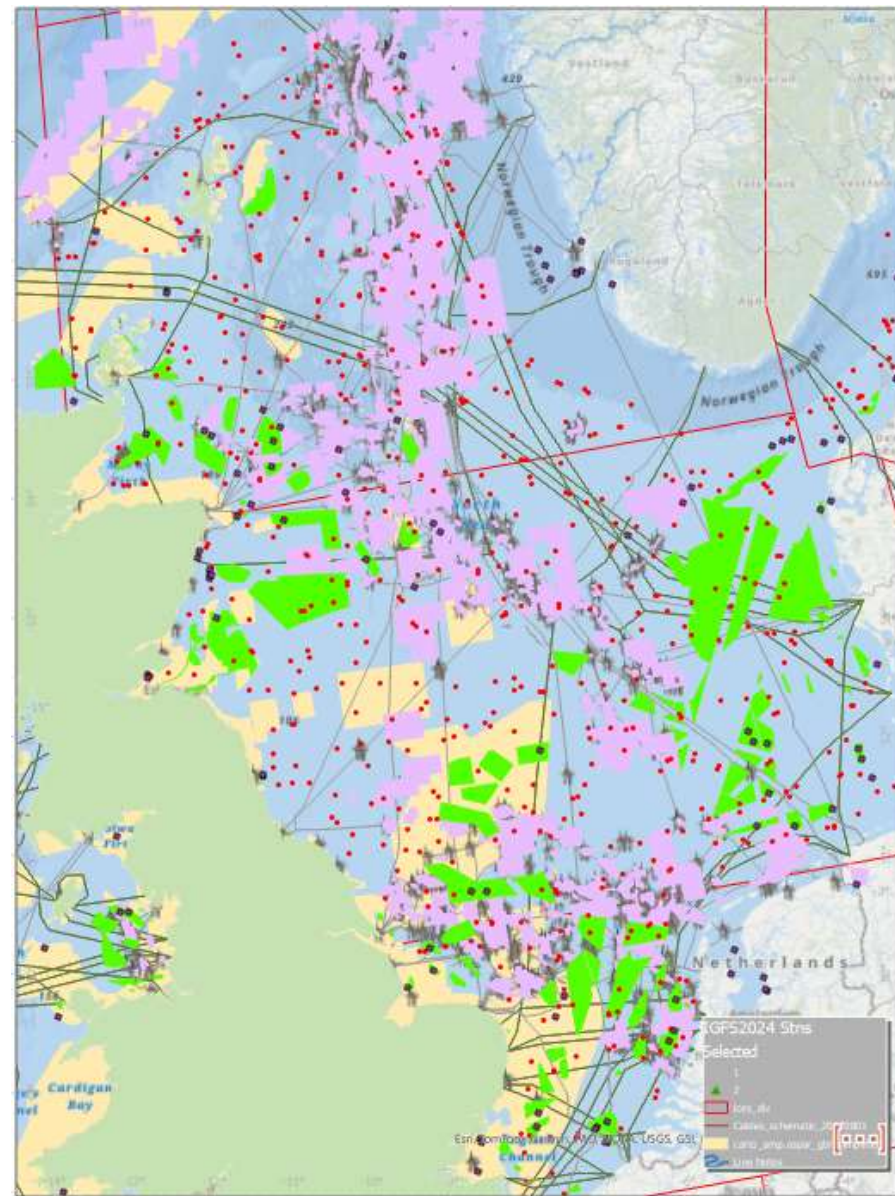
Improved survey Quality Assurance @sea



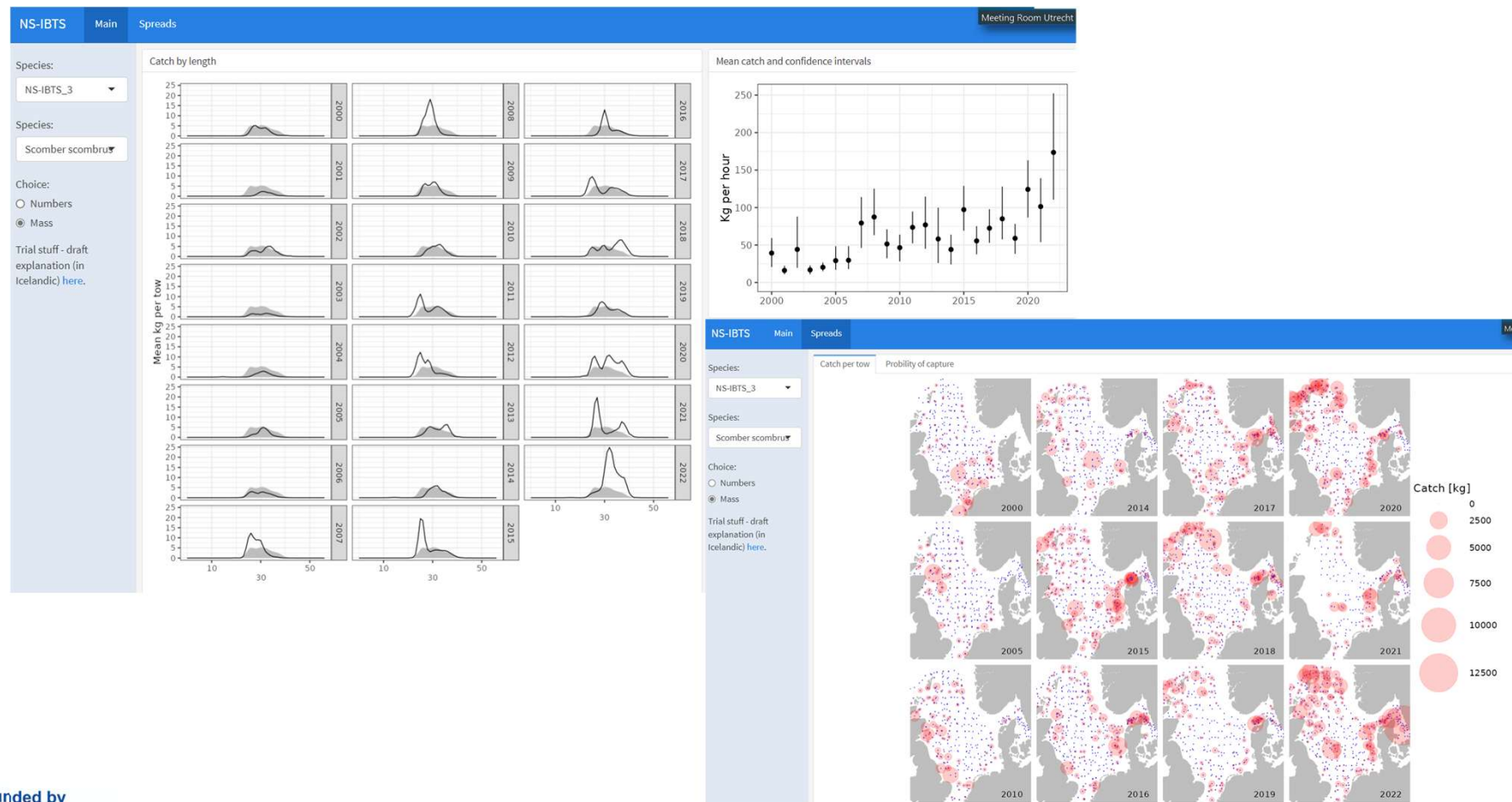
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Assessing impacts of survey areas no longer being available



Visualizing simple survey indicators



Modeling distributions in time and space

Species spatiotemporal density maps

Species:

Region:

Climate scenario:

Lifestage:

Available models:

years:

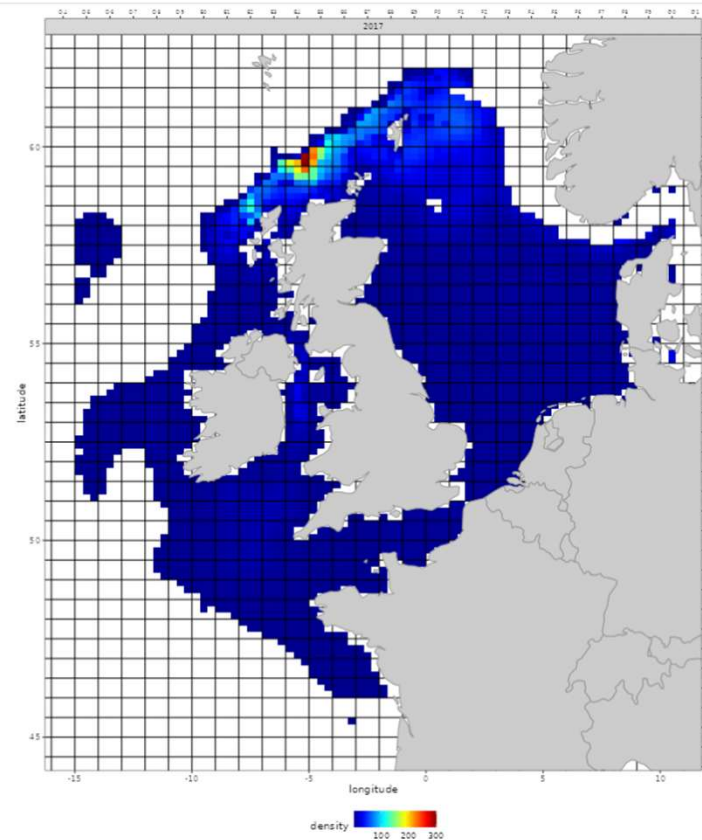
Quarter:

longitude:

latitude:

☒ draw ICES statistical rectangles

Maps Species



IMBUS project sustainability

- Integrating results into the ICES Data Hub



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IMBUS Step 1: stakeholder input

- Do you have specific wishes for the use of ICES survey data?
- Specific products?
 - Can you provide inspirations or examples?
- Are there specific species or areas that you would like us to focus on?
- Any general recommendations?



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