



IHO-EU Network WG

Report to IRCC15

Tokyo, Japan
12 – 14 June 2023

By Pierre-Yves Dupuy

IENWG Chair



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Reminder

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- IENWG brings to life the MoU signed in 2012 by the European Commission and the IHO which ensures **a continuing liaison between the 2 sides in areas of common interest**
- The 10th anniversary meeting of the EC and IHO in 2022 **valued the contributions of the EU HOs and outlined prospects**
- The IENWG is composed of representatives from 8 RHCs, other HOs of EU countries and the IHO secretariat
- France chairs the WG



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Review of the 10th anniversary of the IHO-EU MoU

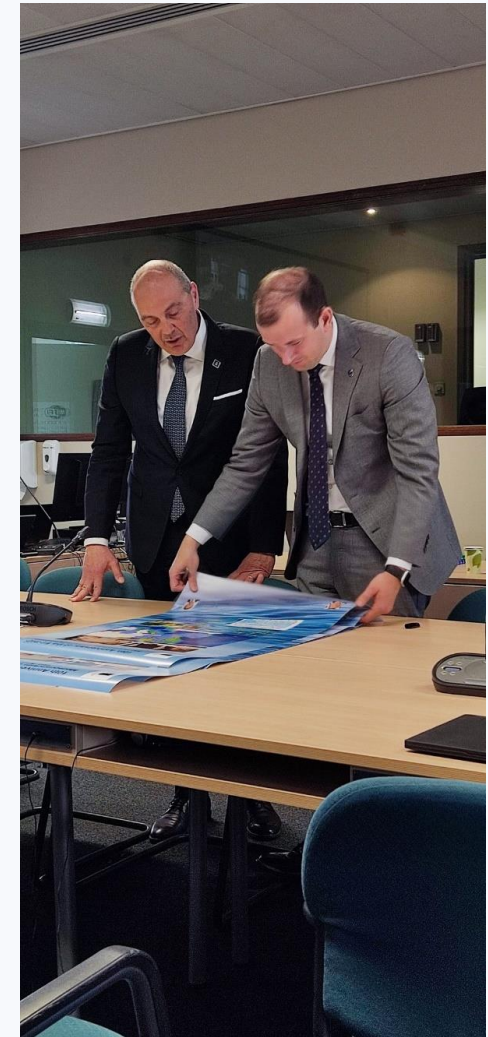
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IHO and EU valued the ongoing collaboration:

- **EMODnet bathymetry** in support to GEBCO and coastal mapping in EU
- Provision of **qualified and interoperable hydrographic information and data** for Maritime Spatial Planning and Maritime Security according IHO standards, competencies and good practice
- Consideration of **hydrographic data collection** in ocean observation issues for science and infrastructure

Commissioner for environment, oceans and fisheries, Virginijus Sinkevičius, drew up his vision:

- “Because leading hydrographic offices have become data-centric service providers [...], we are able to progress with all the Green Deal objectives [...] building a Digital Twin of the Ocean (DTO).”
- “We now need to see if the right data are being collected [...] innovative technology and cooperation between different countries could accelerate the mapping of these areas.”
- “We now need to work together to make this happen [...] in line with the United Nation’s Decade of Ocean Science for Sustainable Development. The IHO’s S-100 standardised data services form a technical basis for this cross sectoral integration of marine knowledge [...] precise sea bed mapping is indispensable.”





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IENWG13 meeting - Brest, France, 23 May 2023

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- Organised on the occasion of the annual **European Maritime Days** of the European Commission DG MARE held in Brest
- Gathered **11 HOs and DG MARE** (the Maritime innovation, Marine Knowledge and Investment Unit)
- IENWG and DG MARE discussed **new opportunities** for collaboration
- Agenda of the meeting covered also **EU policies of interest for the IHO, projects and strategy**



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1st IENWG meeting on the occasion of the EMD

International Hydrographic Organization

- Annual venue on global issues concerning the blue economy, the marine environment, the maritime security and ways of moving forward.
- IENWG members attended and some participated in workshops



Joint workshop
Benefiting from Maritime Data to Drive Marine Innovation

REGISTER NOW



European Digital Twin of the Ocean

EMD 2023 Exhibition

24 & 25 May 2023



EMD

EUROPEAN MARITIME DAY

Brest

24-25 May 2023

Workshop 13: The EU as a Maritime Security Actor in the Gulf of Guinea & in the Indo-Pacific



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Monitor and influence EU policies

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- New and ongoing recent developments
 - EU study on marine data collection coherence
 - Re-use of environment public data applied to marine knowledge
 - Inspire (European Spatial Data Infrastructure for the purposes of EU environmental policies)

Key points: interoperability with data and products IHO standards



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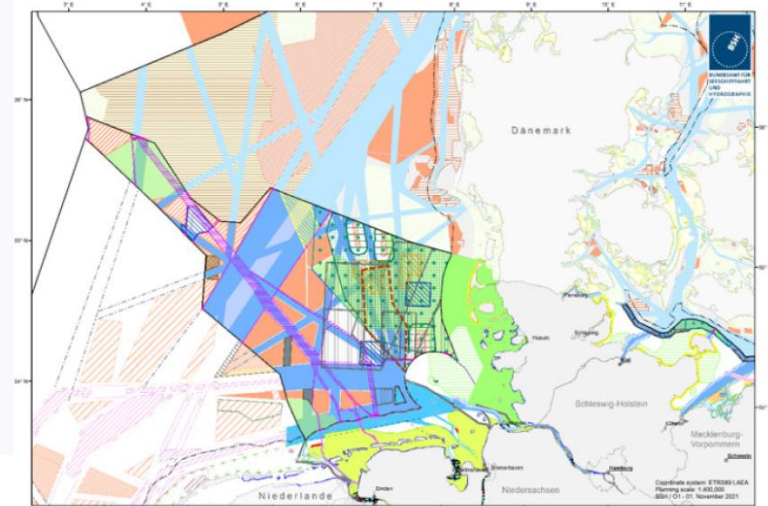
Information sharing on some EU projects

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- First submissions of projects related to the S-100 products (production in Baltic Sea and Innovation project related to the UKCM with S-129)
- Maritime Spatial Planning projects
- Common Information Sharing Environment for Maritime Security (tests with S-124)

Key points: interoperability with data
and products IHO standards
S-100 based services development

neighbouring countries / cross-border consultation



IRCC15

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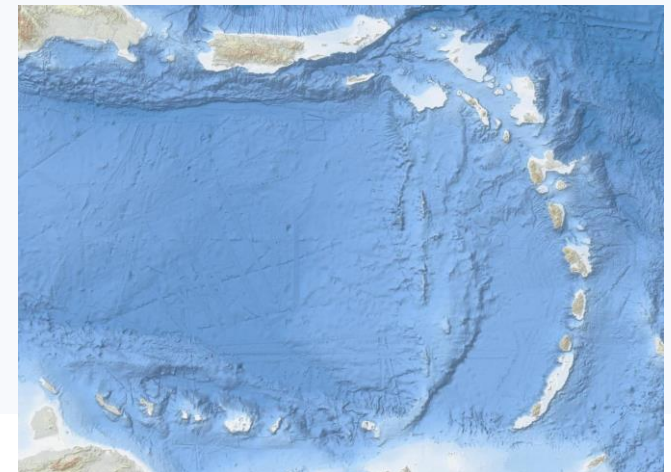
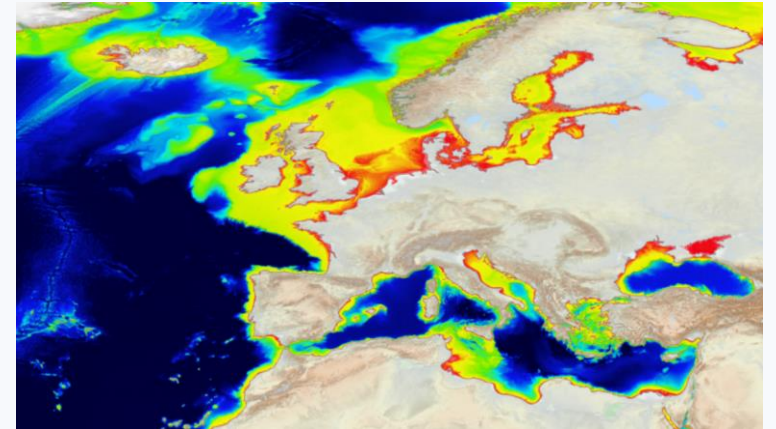
www.emodnet.eu

Includes bathymetry with 15 HOs involved

Bathymetric DTM updated in April 2023, next update in early 2024

New DTM covering the Caribbean issued in April 2023

Key points: the EU countries' contribution to GEBCO, interoperability between EMODnet, the IHO DCDB and the IHO and IOC GEBCO





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Review of the IENWG activities and strategy

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- IENWG gives within the IHO an understanding of **EU maritime policies and expectations** and within the EU Commission **the knowledge of the IHO and HOs competencies**
- Values **the dialog and interactions with the EU Commission and information sharing between the HOs**
- Allows HOs to set up **common position and to influence on EU maritime policies**
- Should continue to give priority to its **capacity of networking, reactivity and informal way of working.**



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Discussion on the IENWG way forward

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- **Maritime policies:** to continue to monitor and influence the EU policies
- **Development of the S-100 hydrographic products and services:** to promote across the European Commission (blue economy, marine safety, climate change, protection of marine areas and biodiversity)
- **Capacity Building:** to promote the development of programs for the hydrographic capacity in the EU, and outside EU in particular for safe sea lines with East Asia and Africa (in connection with IRCC initiatives to extend CB funds)
- **Data collection:** to develop common acquisition campaigns of bathymetric data in the EU maritime basins

The involvement of the IHO secretariat is an asset for the promotion activities at high level in the EU Commission



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Proposals

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- To take note of the report, in particular:
 - the review of the strategy and the way forward for the IENWG
 - the proposal to connect the IENWG activities with other IRCC developments on extending CB funds