



## MSDIWG15

# **15<sup>th</sup> Meeting of the International Hydrographic Organization Marine Spatial Data Infrastructures Working Group**

## **Eastern Atlantic Hydrographic Commission (EAtHC) MSDI WG**

**CDR Telmo Dias**



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# 1. Eastern Atlantic Hydrographic Commission (EAtHC) MSDI WG

## 1.1. Basic information

International  
Hydrographic  
Organization

### ➔ Establishment:

- During EAtHC16, September 2021, Lisbon.

### ➔ Objective:

- Support the activities of the EAtHC related to MSDI, focusing on managing and sharing marine spatial data and extending its use (SEABED 2030 and CSB).

### ➔ 8 members:

- **6/8 members:** France, Ghana, Morocco, Nigeria, Portugal (chair), Spain;
- **1/10 associate members:** UK;
- **1/8 observers:** Gambia.

### ➔ Meetings:

- May 3<sup>rd</sup>, 2023.
- **TBC: April, 2024.**

### ➔ Site:

- <https://iho.int/en/eathc-msdiwg>.



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## 1.2. MSDI/SDI implementation status

International Hydrographic Organization

National Geoportals Non national SDIs on right Disclaimer

Portugal

Link to the SDI/MSDI web portal:

[Hidrografico Plus](#)

[SNIG](#)

[Aplicar zoom a](#)

→ <https://iho.int/en/iho-online-catalogues> (5/26):

- France
- Portugal
- Spain
- UK
- USA

2000km  
1000mi  
-7,383 42,685 Graus

Esri, HERE, Garmin | Esri, HERE powered by esri



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## 1.3. List of actions

International Hydrographic Organization

Action Item	Description			
(MSDI) 16-01	Review the procedures for the transmission of survey data, in order to make sure that all relevant national organisations can access the survey data covering their national waters.	All coastal States	Permanent	In progress
(MSDI) 16-02	EAtHC members are invited to identify further potential sources of bathymetric measurements and survey data providers to facilitate the further completion of the Data Center for Digital Bathymetry (DCDB) data holdings and General Bathymetric Chart of the Oceans (GEBCO).	EAtHC Members	Permanet	In progress
(MSDI) 16-05	Propose the terms of reference (ToR) and rules of procedure (RoP) of the EAtHC MSDI WG.	MSDIWG Chair	EAtHC18	Completed
(MSDI) 16-07	Build an inventory (with links) of existing MSDI in the EAtHC region.	MSDIWG Chair & Coastal States	EAtHC18	That info is published in IHO website
(MSDI) 16-08	Create a list of common/base layers to the MSDI projects (bathymetry, shoreline, maritime boundaries, etc.)	MSDIWG Chair & Coastal States	EAtHC18	Fusion with 17-02 (web app)



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International Hydrographic Organization

Action Item	Description			
(MSDI) 17-01	Support the Crowdsourced Bathymetry (CSB) initiative with positive actions, such as requiring all research vessels, when on passage or when it does not interfere with other research activities, to collect bathymetric data for later uploading.	All coastal States	Permanent	In progress
(MSDI) 17-02	Maintain a web map application to use as testbed by EAtHC MSDI WG members and to publish and share hydrographic data.	EAtHC MSDI WG	EAtHC19	In progress
(MSDI) 17-03	Encourage all coastal states to respond to CSB questionnaire (IHO CL 21/2020, IRCC CL 1/2020) and, if possible, offer a positive response, even if qualified, to enable provision of CSB data into the public domain collected from ships within waters subject to their national jurisdiction.	IHO Member States	Permanent	In progress
(MSDI) 17-04	Plan a workshop on how to build a MSDI (geospatial data, spatial databases, web services, etc.)	MSDIWG Chair	EAtHC18	In progress Mid 2024
(MSDI) 17-05	Propose a measuring process for SPI 1.2.2 and SPI 2.2.1	EAtHC MSDI WG	EAtHC18	Dormant
(MSDI) 17-06	MSDIWG shall plan a table top exercise and submit it to the Chair.	EAtHC MSDI WG	EAtHC18	In progress



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## 1.4. Online Workshop

International  
Hydrographic  
Organization

### ➔ **Schedule:**

- April 2024.

### ➔ **Participants:**

- Ghana;
- Morocco;
- Nigeria;
- Portugal;
- UK.

### ➔ **Topics:**

- Relevance of MSDI for hydrographic offices;
- Infrastructure development: spatial databases, metadata catalogues, web services and APIs.



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# 1. Eastern Atlantic Hydrographic Commission (EAthC) MSDI WG

## 1.5. Challenges and opportunities

International Hydrographic Organization

### → Governance:

- MSDI is not a priority;

### → Technology:

- Lack of infrastructures;
- Low volume of data.

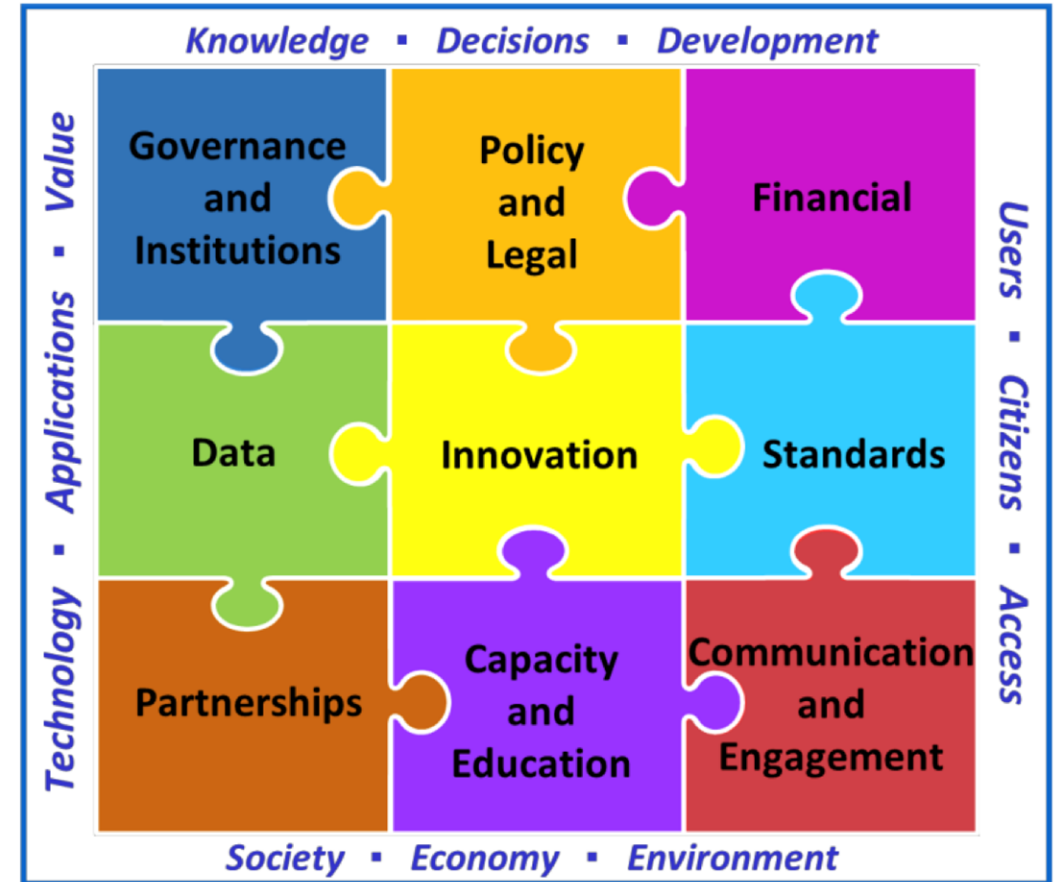
### → People:

- Engagement and replies;
- Capacity building.

*Governance* →

*Technology* →

*People* →





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