



ITALY

MSDI Ambassador Report



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International
Hydrographic
Organization

MBSHC-24, Constanta, Romania (02-04 July 2024)

Agenda

- **14th Meeting of the IHO MSDIWG**
 - **15th Meeting of the IHO MSDIWG**
- 
- **Open Geospatial Consortium**
 - **United Nation Global Geospatial Information Management - Marine**
- **16th Meeting of the IHO MSDIWG**

This report covers the period September 2022 - May 2024.



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14th Meeting of the IHO MSDIWG

Location

- Genoa, Italy, 30 January – 3 February 2023

Nation Report

- Italy
- Spain
- Croatia
- Lebanon

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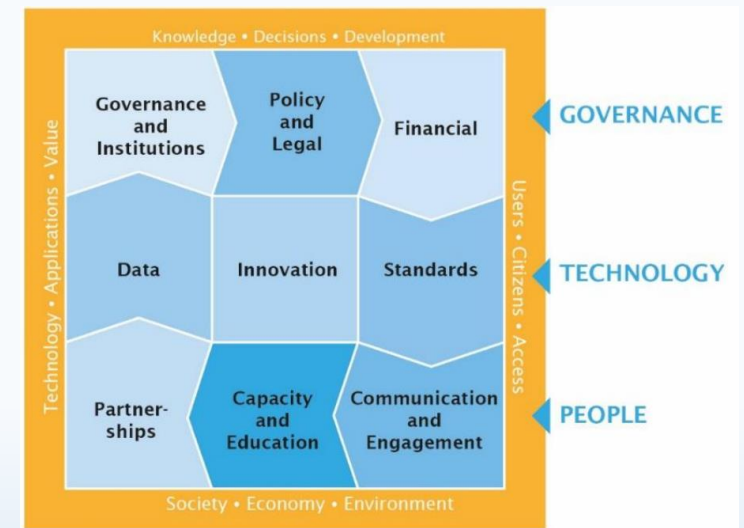
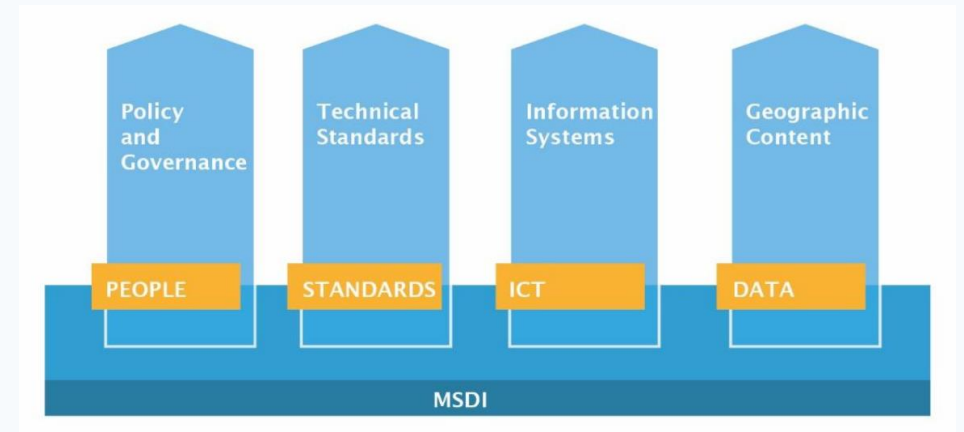
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MBSHC-24, Constanta, Romania (02-04 July 2024)

14th Meeting of the IHO MSDI WG

Items

- Data sharing
- Governance and Institutions
- C-17 Update and Maintenance
 - Topics to address:
 - IHO Strategic Plan 2021- 2026
 - IHO-OGC MSDI Concept Development Study
 - Ongoing Federated MSDI pilot projects
 - S-100
 - FAIR Principles
 - UN-GGIM IGIF-Hydro
 - MSDI cookbook for HOs
 - IGIF-aligned implementation
- Formats (OGC and HSSC)
- Capacity and Education



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15th Meeting of the IHO MSDIWG

Location

- Bali, Indonesia, 4 – 8 March 2024

Nation Report

- Morocco Report

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MBSHC-24, Constanta, Romania (02-04 July 2024)

15th Meeting of the IHO MSDIWG

Items

- Data sharing
- Governance and Institutions
- C-17 v 3.0 adoption → future maintenance
- Updating of IHO Strategic Plan Target 2.1 → S-122/Marine Protected Area
- Formats (OGC and HSSC)
- Capacity and Education

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15th Meeting of the IHO MSDIWG

Current Work Plan Themes (2024-2027)

- Communication and Dissemination
- Operational – Data sharing and Management
- Policies and Governance - RHC
- Standards (OGC and HSSC)
- Innovation - Future Perspectives
- Training and Education
- Maintain and Extend IHO Publication C-17
- Conduct annual meetings



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15th Meeting of the IHO MSDIWG

UN-GGIM WG MGI 6th Expert Meeting

- UN-IGIF HYDRO implementation
- Terrestrial/Marine/Cadastral domain Integration → Side event to the 14th session of the Committee of Experts

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15th Meeting of the IHO MSDIWG

OGC Meeting

- Presentation of the Federated Marine SDI Pilot Project



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MBSHC-24, Constanta, Romania (02-04 July 2024)

[FMSDI 2023 Engineering Report](#)

IHO MSDIWG Regional Report

Nation

- Italy; Lebanon; Spain; France; Croatia; Egypt; Ukraine; Slovenia.

Consideration

- A nation is working towards the realization of the MSDI platform which does not currently exist;
- A country has a cartography in S52 format but does not display the ENC data directly;
- An another country which also uses the MSDI platform for the dissemination of a range of services/data;
- All other countries are already displaying cartography in S57 format and are preparing for the exposure of the S10x format.

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Proposal

Implement a new Questionnaire for Regional Report



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IHO MSDIWG Regional Report

Proposal by Egyptian Navy Hydrographic Department (ENHD):

- Implement a new Questionnaire for Regional Report (<https://www.surveymonkey.com/r/EG-NMSDI>);
- The survey focuses on:
 - governance structures;
 - data management practices;
 - policy frameworks;
 - standards related to the best practices of MSDI implementation.



Dear MSDI Expert,

Thank you for dedicating time to participate in this questionnaire. Your expertise is highly valued by The Egyptian Navy Hydrographic Department (ENHD) which is dedicated to advancing the implementation and development of National MSDI for Egypt, aiming to ensure the effective management of all forms of hydrospatial data, enabling informed decision-making, enhancing resource management, and fostering efficient maritime activities.

This survey is designed to gather knowledge on the effective strategies that have been successfully implemented by member states of the MBSHC in planning, deploying, and monitoring their MSDIs.

We are hopeful that experts in MSDI and hydrospatial data management will participate and share knowledge with us, ensuring that we receive the most informed and relevant insights. ENHD believes that sharing this knowledge and best practices will help build a stronger future for hydrospatial data integration across the region.

To access the survey, please click on the following link:

<https://www.surveymonkey.com/r/EG-NMSDI>

Alternatively, you can scan the QR code provided below.



Your insights will be invaluable in shaping the development of a comprehensive and effective NMSDI for Egypt. We highly appreciate your time and commitment to this important initiative.



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16th Meeting of the IHO MSDIWG

Location

- Lisbon, Portugal, 18 – 21 March 2025 (tbc)

Suggestion

- National Report
- Pursue/create the digital twin
- APIs/services implementation
- MSDIWG working Plan

Proposal

Questionnaire for Regional Report

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Thank you for your attention



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