ITALY

MSDI Ambassador Report

Agenda

- **14th Meeting of the IHO MSDIWG**
- **15th Meeting of the IHO MSDIWG**

  - **Open Geospatial Consortium**
  - **United Nation Global Geospatial Information Managemet - Marine**

- **16th Meeting of the IHO MSDIWG**

This report covers the period September 2022 - May 2024.

IHO International Hydrographic Organization

14ᵗʰ Meeting of the IHO MSDIWG

Location

- Genoa, Italy, 30 January – 3 February 2023
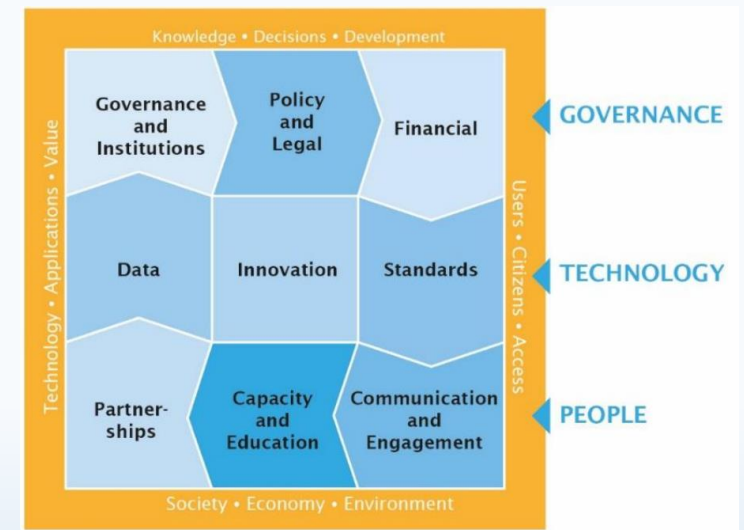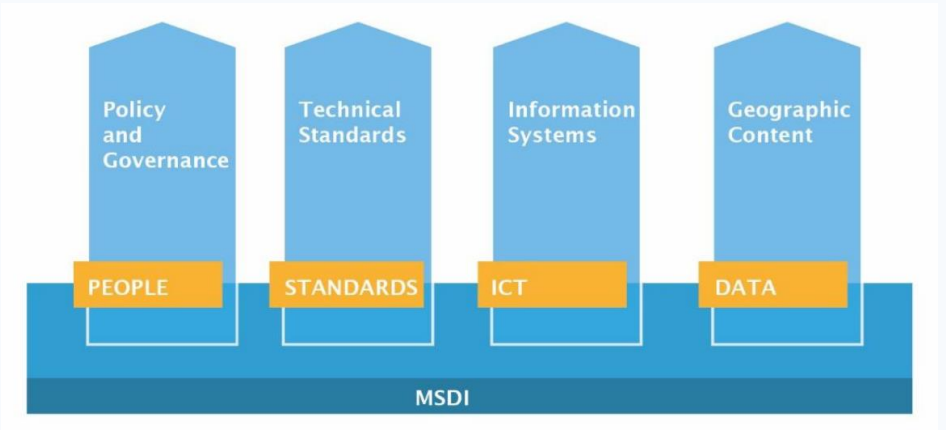
Nation Report

- Italy

- Spain

- Croatia

- Lebanon

14ᵗʰ Meeting of the IHO MSDIWG

Items

- Data sharing
- Governance and Istitutions
- 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

15th Meeting of the IHO MSDIWG

Location

- Bali, Indonesia, 4 – 8 March 2024

Nation Report

- Morocco Report

15th Meeting of the IHO MSDIWG

Items

- Data sharing

- Governance and Istitutions

- C-17 v 3.0 adoption ➔ future maintanance

- Updating of IHO Strategic Plan Target 2.1 ➔ S-122/Marine Protected Area

- Formats (OGC and HSSC)

- Capacity and Education

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

Governance and Institutions
- Create story map to demonstrate value of MSDI

Data
- Publish Data Value Proposition document

Innovation
- Collaborate with innovation centers to explore use cases
- Conduct exploratory study to identify uses of AI in maritime sector
- Promote land/ sea interface

Standards
- Simplify standards for novice user
- Map S-100 with ISO19115 and other relevant standards

Capacity and Education
- Maintain IHO C-17 in accordance with UN-IGIF-H

Communication and Engagement
- Present national MSDI initiatives
- Collaborate with and enable RHC MSDI Working Groups
- 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/Cadastrial domain Integration ➜ Side event to the 14th session of the Commitee of Experts

International
Hydrographic
Organization

15ᵗʰ Meeting of the IHO MSDIWG

OGC Meeting

- Presentation of the Federated Marine SDI Pilot Project

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

Thank you for your attention