



UN-GGIM

Working Group on Marine Geospatial Information

ARCTIC REGIONAL HYDROGRAPHIC COMMISSION
GGIM-WG-MGI WORK PLAN UPDATE
AUGUST 14, 2020

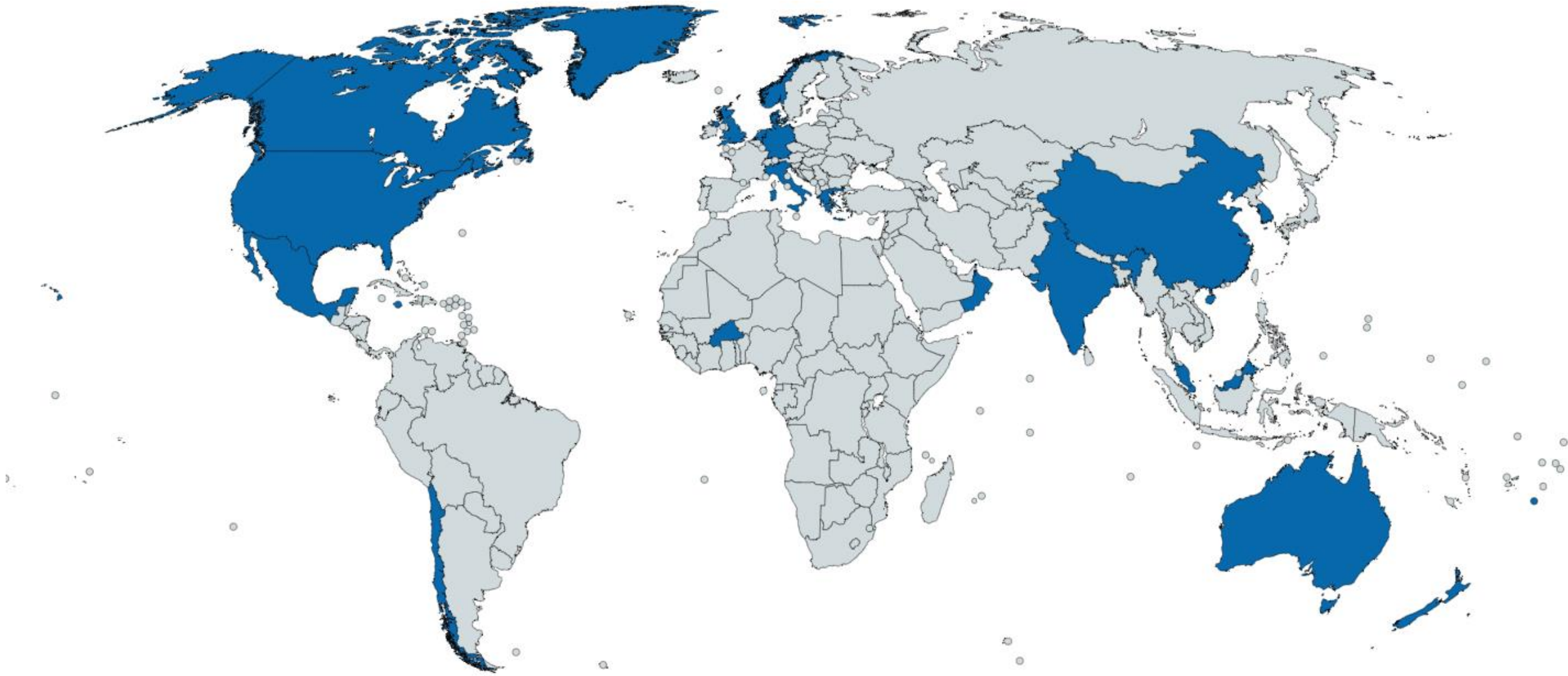


UN-GGIM

United Nations Secretariat
Global Geospatial Information Management

Positioning geospatial information to address global challenges

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24–28 February 2020
Rostock-Warnemünde, Germany



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Work Plan - Ongoing

Communications Plan

Status: Updated during Rostock meeting in February 2020 but considered a living document

Highlights:

- UN-GGIM Europe – Italy Representation
- UN-GGIM Americas – US Representation
- Continue engagement with GGIM Legal and Policy WG
- IHO-IRCC, MSDIWG, RHCs – Many
- Need involvement with WMO



Work Plan - Ongoing

Support International Initiatives

Status: Building Relationships, some stronger than others

- Highlights:**
- Decade of Ocean Science for Sustainable Development,
 - IHO leadership, considering IGIF water theme for a DOSSD milestone
 - Seabed 2030 – Following and promoting, WG participation from Seabed Director
 - IHO Data Center for Digital Bathymetry – Actively promoting in UN reports etc.



Work Plan - Ongoing

Capacity Development

Status: Strong but could use momentum

Highlights: Have built a list of capacity development initiatives that could benefit from the working group's assistance

Depend on IHO Joint Capacity Building Working Group



Work Plan - Ongoing Standards

Status: Strong – excellent IHO participation

Highlights:

- Working Group recognizes and endorses the IHO suite of standards for marine geospatial information
- IHO and OGC are regular participants
- OGC is actively participating in the preparation of the IGIF water theme document



Work Plan - Highlight

Use Case – Accessible (Open) MGI

Status: [Complete](#)

Highlights: - Includes Case Studies, Arctic SDI, Norway MSDI, and Seabed 2030

- Recommendations

Data Sharing Partnerships

International Standards

Collect Once, Use Many Times

Capacity Development



Use Case Findings

Some of the challenges Members are facing include,

- Lack of knowledge on which agencies manage different data sets
- Inconsistency across agencies and different levels of government when it comes to managing and collecting data
- Lack of agreement between national agencies on data-sharing
- Lack of legislative instruments and/or data-sharing partnerships to facilitate the availability of marine geospatial information
- Existing legislation was often created with land-based data in mind
- Lack of liaising between marine- and land-based geospatial agencies



Work Plan - Highlight

Integrated Geospatial Information Framework (IGIF) Water Theme

Status: Drafting Team Formed and Initial Draft Complete

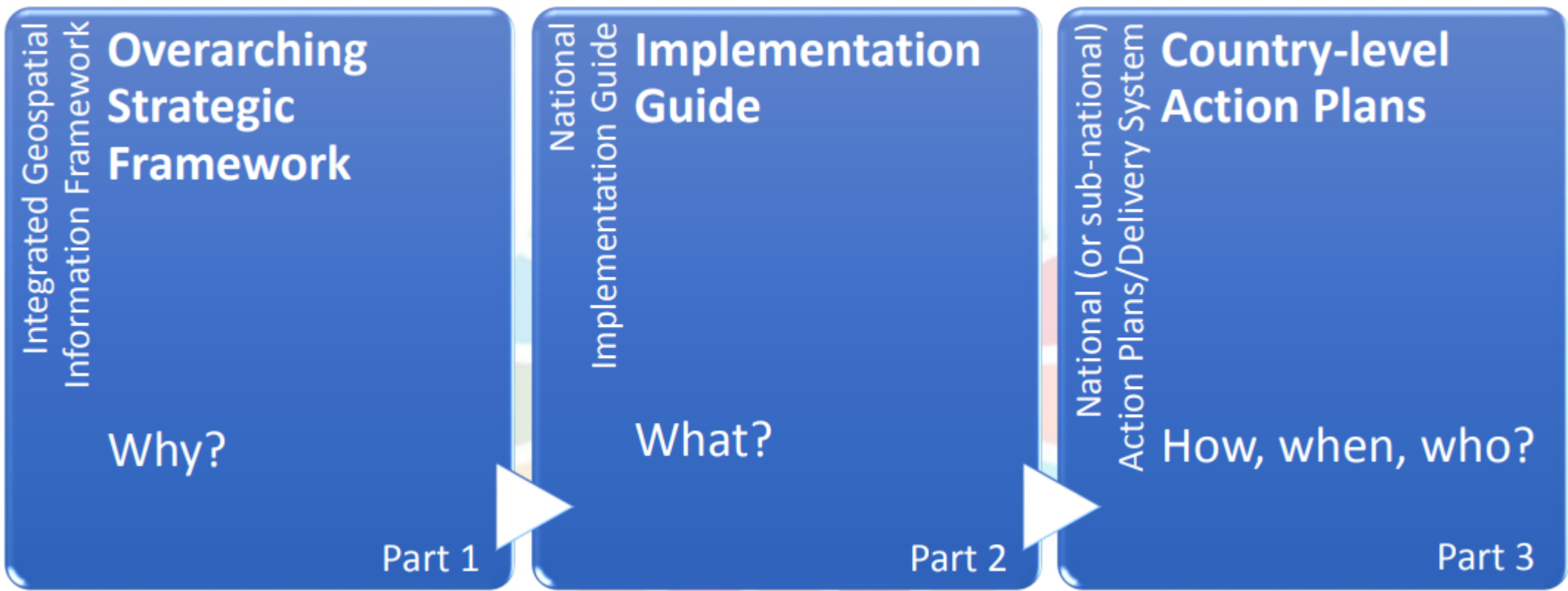
- Highlights:**
- A guide to assist IGIF implementers with aspects of Water Domain
 - Does not replace IGIF approaches, Fundamental Data Themes, Institutional arrangements, etc.
 - Encompasses all water – Oceans, seas, inland, wetlands, rivers, lakes



Integrated Geospatial Information Framework – Water Theme

- Aim:**
- Observations and guidance on how water can be approached in IGIF terms
 - Focused value propositions for the water domain
 - Focused on emerging rather than established infrastructures
- How:**
- Mirror IGIF strategic pathway groupings and structure
 - Focus on areas where water is different and requires special attention to ensure an integrative approach for an IGIF implementer
 - Not repeating what is already in the IGIF





Work Plan - Highlight

Proposed IHO Innovation and Tech. Lab

Status: Monitoring and Promoting

Highlights: - Welcome the concept and establishment of the Lab

- Potential joint projects

Land-Sea interface

Measuring Sustainable Development Goals

Work on IGIF – Water Theme



Things to Consider

- IGIF Water Theme
- Improved Representation – We welcome new members
- Address the challenge with the land/sea interface
- Support proposed IHO Technology Laboratory

Next Face-to-face meeting – Singapore 2021



Thank You!