

**First Expert meeting of the UN-GGIM & IHO Joint Working Group on Marine Geospatial Information**  
**with the theme “Advancing Integrated Marine Geospatial Information Management”**

**Chiang Mai, Thailand**  
**4 – 8 May 2026**



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# Vision and Mission

**Vision** = what success looks like (the destination)

**Mission** = what you actually do to get there (the work)



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# Vision and Mission

## UN-GGIM and IHO JWGMGI Vision:

*What success looks like*

Trusted, interoperable marine geospatial information is accessible to all nations, fully integrated with national geospatial information infrastructures, and underpins the governance and sustainable management of oceans, seas, coasts, and inland waterways.



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# Vision and Mission

## UN-GGIM and IHO JWGMGI Mission:

*What you do to get there*

To enable and develop practical and tangible methods and approaches to address legal, technical, collaborative, and operational requirements to realize the value of accessible, interoperable and trusted marine geospatial information from sea to land.



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# Vision and Mission

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**Mission:** To enable and develop practical and tangible methods and approaches to address legal, technical, collaborative, and operational requirements to realize the value of accessible, interoperable and trusted marine geospatial information from sea to land.



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# Agenda Item #12

## Preparation of the Joint Workplan



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## Goals for the WG-MGI Workplan 2023-2024

Leadership	Coordination	Capacity Development	Standards	Inclusion
Provide Leadership in setting the agenda for the development of global geospatial information and to promote its use to address key global challenges.	Provide a forum for coordination and dialogue with and among Member States and relevant international organizations on enhanced cooperation.	Provide a platform for the development of effective strategies to build and strengthen national capacity and capability concerning geospatial information, especially in developing countries.	Propose work-plans, frameworks and guidelines to promote common principles, policies, methods, standards and mechanisms for the interoperability and use of geospatial data and services.	Make joint decisions and set the direction for the production and use of geospatial information within and across national, regional and global policy frameworks.

### Relevant UN-IGIF Strategic Pathways for the MSDIWG Work Plan 2024-2027 v.2

<b>A</b>	<b>UN-IGIF Strategic Pathway #1: Governance and Institutions</b> <i>Establishes the leadership, governance model, institutional arrangements, and a clear value proposition to strengthen multi-disciplinary and multisectoral participation</i>
<b>B</b>	<b>UN-IGIF Strategic Pathway #4: Data</b> <i>Establishes a geospatial data framework and custodianship guidelines that ensure the availability, quality, and accessibility of geospatial data, including the establishment of standards and practices for data collection, storage, and dissemination</i>
<b>C</b>	<b>UN-IGIF Strategic Pathway #5: Innovation</b> <i>Leveraging current and emerging technologies to enhance geospatial information management, including cloud computing, big data analytics, and artificial intelligence</i>
<b>D</b>	<b>UN-IGIF Strategic Pathway #6: Standards</b> <i>Establishes and ensures the adoption and implementation of standards and compliance mechanisms for enabling data and technology interoperability and compatibility across different systems and organizations</i>
<b>E</b>	<b>UN-IGIF Strategic Pathway #8: Capacity and Education</b> <i>Developing the workforce and expertise needed to effectively manage and utilize geospatial information, through enduring capacity development and education programs</i>
<b>F</b>	<b>UN-IGIF Strategic Pathway #9: Communication and Engagement</b> <i>Promoting awareness, understanding, and support for geospatial information and its benefits across all sectors of society, including decision-makers, stakeholders, and the general public through user engagement and strategic communication</i>

Reference: United Nations Integrated Geospatial Information Framework (UN-IGIF): <https://ggim.un.org/UN-IGIF/>



# Workplan Category Linkage

WG-MGI Category	MSDIWG Category	Explanation
<b>Leadership</b>	<b>Pathway #1: Governance &amp; Institutions</b>	Leadership aligns with governance and institutional strengthening — setting agendas, defining frameworks, and promoting multi-sector participation.
<b>Coordination</b>	<b>Pathway #4: Data Pathway #9: Communication &amp; Engagement</b>	Coordination connects to data sharing and stakeholder communication — ensuring collaboration and transparency across organizations.
<b>Capacity Development</b>	<b>Pathway #8: Capacity &amp; Education</b>	Directly linked to building national capability, workforce development, and education programs for marine geospatial information.
<b>Standards</b>	<b>Pathway #6: Standards</b>	Focuses on interoperability, compliance, and harmonization of data and technology standards across systems.
<b>Inclusion</b>	<b>Pathway #5: Innovation Pathway #9: Communication &amp; Engagement</b>	Inclusion ties to innovation and engagement — ensuring diverse participation and equitable access to emerging technologies and decision-making.



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# UN-GGIM and IHO JWGMGI Potential Workplan Themes



IHO

International  
Hydrographic  
Organization

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# JWGMGI Consolidated Workplan Goals

## Engagement & Coordination



- Liaise with UN-GGIM and IHO and relevant subsidiary bodies
- Participate in Global Forums
- Strengthen Partnerships

## Capacity Development & Inclusion



- Conduct Training
- Support Developing States
- Promote Equitable Access to Marine Geospatial Information

## Standards & Interoperability



- Align C-17 & IGIF-Hydro
- Enhance Metadata Practices

## Innovation & Integration



- Explore AI & New Technologies
- Advance Land-Sea Interface
- Launch Pilot Projects

## Communication & Advocacy








- Publish Policy Briefs
- Raise Visibility
- Expand Web Outreach



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# JWGMGI Consolidated Workplan Goals

Engagement & Coordination	Capacity Development & Inclusion	Standards & Interoperability	Innovation & Integration	Communication & Advocacy
 <ul style="list-style-type: none"> <li>■ Liaise with UN-GGIM and IHO and relevant subsidiary bodies</li> <li>■ Participate in Global Forums</li> <li>■ Strengthen Partnerships</li> </ul>	 <ul style="list-style-type: none"> <li>■ Conduct Training</li> <li>■ Support Developing States</li> <li>■ Promote Equitable Access to Marine Geospatial Information</li> </ul>	 <ul style="list-style-type: none"> <li>■ Align C-17 &amp; IGF-Hydro</li> <li>■ Enhance Metadata Practices</li> </ul>	 <ul style="list-style-type: none"> <li>■ Explore AI &amp; New Technologies</li> <li>■ Advance Land-Sea Interface</li> <li>■ Launch Pilot Projects</li> </ul>	 <ul style="list-style-type: none"> <li>■ Publish Policy Briefs</li> <li>■ Raise Visibility</li> <li>■ Expand Web Outreach</li> </ul>

## Potential Task Teams:

- IGIF-H and C-17 Integration
- Policy and Legal
- Metadata
- Capacity Building

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Maturity Index

IHO MGI Portal

Compilation Report continuation

Terms of Reference update



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