



UK Hydrographic
Office

UKHO IGIF-MSDI Maturity Assessment

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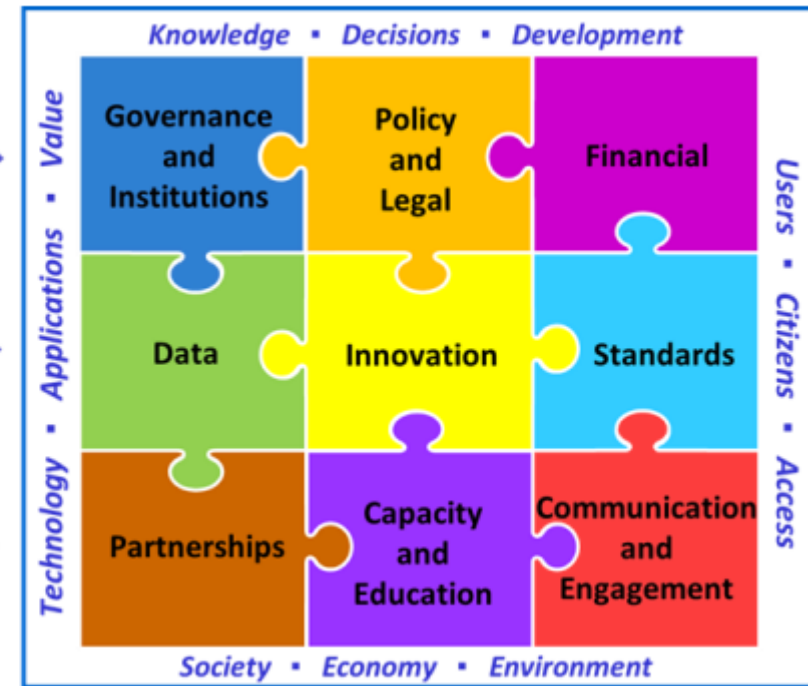
What is the IGIF-(M)SDI Maturity Roadmap



Governance →

Technology →

People →



Direction and sponsorship by:

Cooperatively supported by:



An independent initiative, not endorsed by or officially connected to, but supportive of and aligned with the UN-GGIM/IGF principles.

A detailed bathymetric map of the ocean floor, showing various depths and features. The map uses a color scale from blue (shallow) to red (deep). A prominent feature is a large, circular, shallow area in the center, surrounded by a deep, narrow channel. The map also shows a large, flat, shallow area in the foreground, and a deep, narrow channel running through the middle ground. The background shows a deep, narrow channel leading to a large, shallow area. The map is overlaid with a grid of latitude and longitude lines.

Why are we conducting a MSDI
Maturity Assessment?

What did we want to achieve?

- › Improve MSDI awareness
- › Engage with people
- › Data upskilling
- › A collective assessment
- › Avoiding blind spots
- › To share our experience

	B	C	D	
1				
2	STRATEGIC PATHWAY I			
3			Governance and Institutions	
4			<p>This strategic pathway establishes the leadership, governance model, institutional arrangements, and a clear value proposition to strengthen multi-disciplinary and multi-sectoral participation in, and a commitment to, achieving an Integrated Geospatial Information Framework.</p> <p>The objective is to attain political endorsement, strengthen institutional mandates and build a cooperative data sharing environment through a shared vision and understanding of the value of an Integrated Geospatial Information Framework, and the roles and responsibilities to achieve the vision.</p>	
5				
6	WB DT Ref	Indicator	Scoring Guide	
7				
8	I.1	<p>LEADERSHIP: Is there a "champion" in government that is leading, engaging and promoting the benefits of a National SDI across all levels of government organizations, and with the private sector, academia, and the local community?</p>	<p>0 = None. 25 = Informal role. 50 = Defined role and person exists with vision. 75 = Actively driving change across government with tangible outcomes. 100 = Actively driving change across government, the private sector, academia, and the local community with tangible outcomes.</p>	
	I.2	<p>GOVERNING BODY: May also be referred to as steering group. Has your organisation been involved in establishing the Leadership, direction and oversight for SDI-related activities and projects?</p>	<p>0 = None. 25 = Awareness of SDI governance arrangements. 50 = Involved in official consultations. 75 = Membership of working groups. 100 = Active contribution to development of SDI activities.</p>	
		Instructions	SP1 Governance and Institutions	SP2 Policy and Legal SP3 Financial SP4 Data SP5

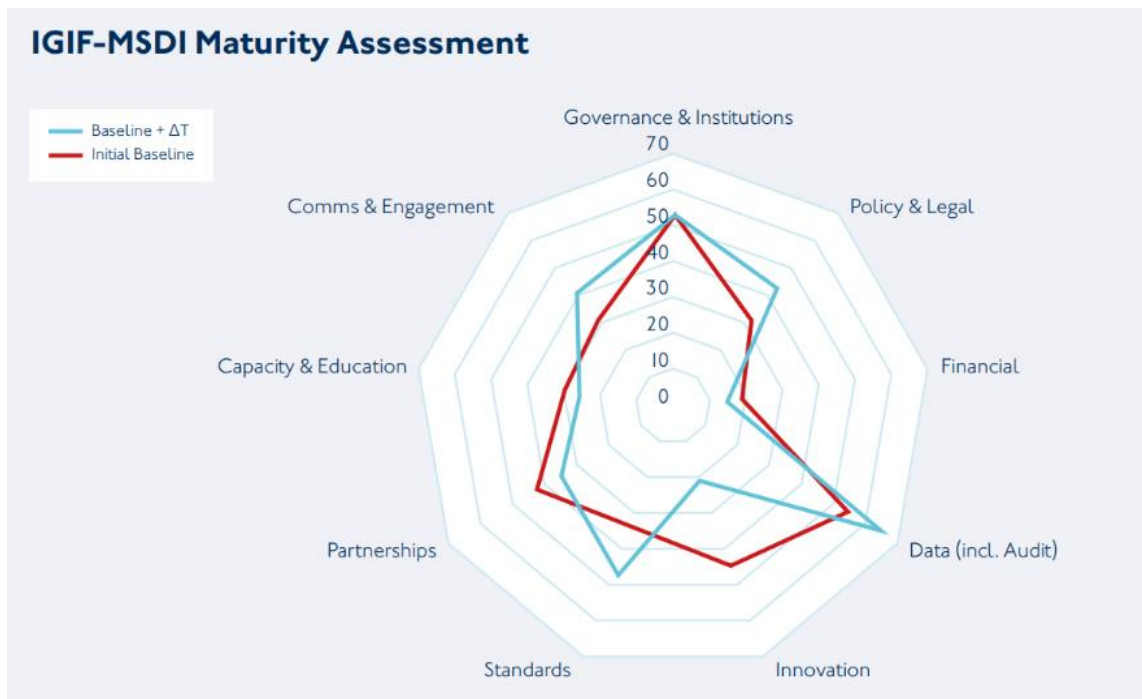
Our Approach to the Assessment

- › Rolling Communications
- › Stakeholder identification
- › Added UKHO context to the assessment questions
- › Approx 1 hour per SP
- › Split into smaller groups within each workshop
- › Shared results and written feedback



Analysing the results

- › Quantitative – aggregating the scores
- › Qualitative – analysis of written and verbal input



Q2: Are there effective instruments in the policy and legal framework to ensure that geospatial data sharing is encouraged, promoted and fully enabled?

terms around sharing
UKHO and consistency data release
Gov organisations
fully shared
Data architecture
Not all data
Lack of understanding

example between UKHO
policies
standard
data sharing
agreements
organisations

Sharing is in place
UKHO
wider use
data holdings
sharing - a lot

SP I – Governance & Institutions

Final score of **55.2**
*“Adequate, with room for
improvement”*



Weaknesses

- × National leadership in the MSDI space
- × Value proposition statement for MSDI

Adequacies

- Geospatial Strategy (marine geodata)

Strengths

- ✓ Governing bodies (internal/external)
- ✓ Monitoring and Reporting (IHO C-17)



What did we learn?

- How to conduct a MSDI maturity assessment
- Large number of stakeholders requires a flexible approach
- Unexpected blind spots – internal communication
- Confusing terminology
- Importance of independent facilitation



Next steps

- › Complete analysis
- › Communicate the results
- › Prioritise alongside the UKHO Corporate Plan and Transformation Programme
- › Ownership of actions and engagement
- › Supporting the development of S-100



Where to find out more?

Details regarding the IGIF-(M)SDI Maturity Roadmap

Can be found here: <https://www.ogc.org/igif-msdi-maturity-roadmap>





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Office

ADMIRALTY

