

Ch.3: MSDI Maturity

MSDIWG

Genoa, Italy

30 JAN – 3 FEB 2023

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On behalf of C-17 Chapter 3 contributors



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Ch. 3 MSDI Maturity - today

“...step by step approach towards the development of MSDI and a means by which HOs can assess themselves against other organizations - including other HOs - that are responsible for the publication of products and services based on geospatial datasets”

- Chapter Introduction
- Maturity Criteria and Assessment
 - 4 levels of maturity related to 4 procedures/policies typically used by HOs: 1) Data management 2) data ingestion 3) data licensing 4) wider SDI engagement
 - Link to IHO MSDI maturity assessment questionnaire and results
- MSDI and the Involvement of HOs
 - Steps towards a successful implementation
- Enhancing a MSDI
 - Evolution from 4 pillars to 9 pathways



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Ch. 3 MSDI Maturity – Discussion points (1/2)

- Harmonization with IGIF Implementation guide SP5 Innovation

- <https://ggim.un.org/IGIF/part2.cshtml>
- Technology Maturity Index
- Key assessment tool in the pathway to innovation

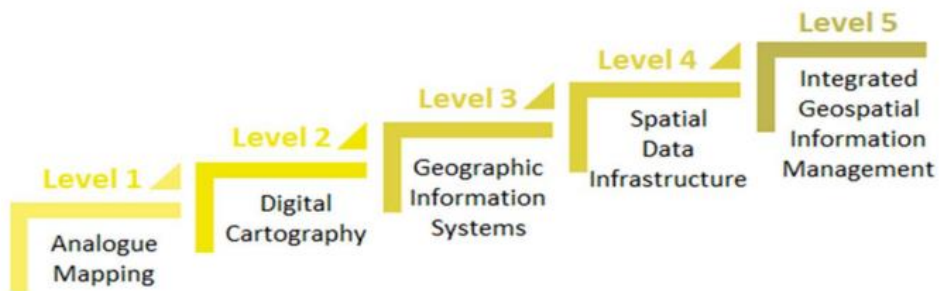
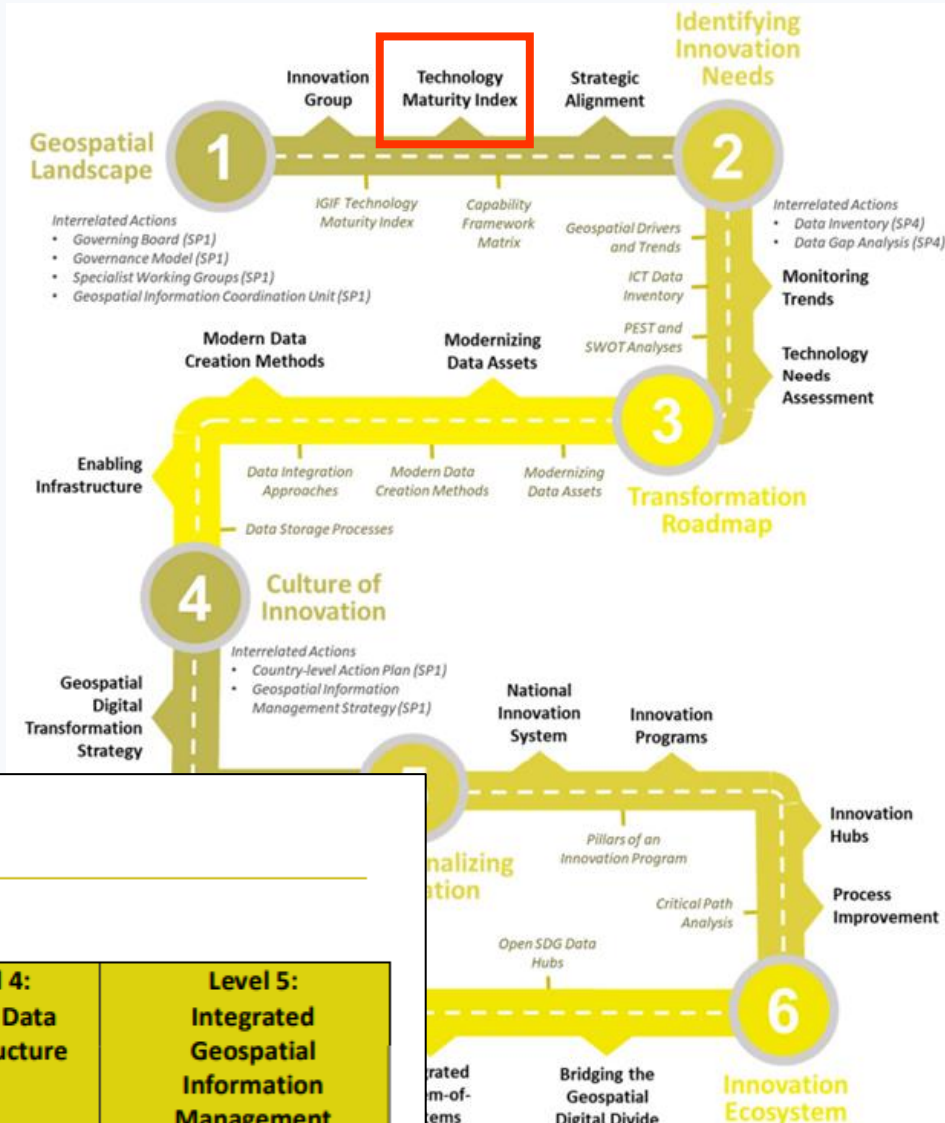


Figure 5.6: The five levels of the IGIF Technology Maturity Index. Detailed further in Appendix 5.1.

APPENDIX 5.1: IGIF Technology Maturity Index

Levels of Maturity	Level 1: Analogue Mapping	Level 2: Digital Cartography	Level 3: Geographic Information Systems	Level 4: Spatial Data Infrastructure	Level 5: Integrated Geospatial Information Management
Generational Bracket					
Focus	Map Production	Product-Based	Process-Based	User Centric	Knowledge On-Demand



Tools designed to assist countries to stimulate the actions and process improvements to deliver and management. The actions are divided into six categories and reflect the order with which these actions are typically completed.

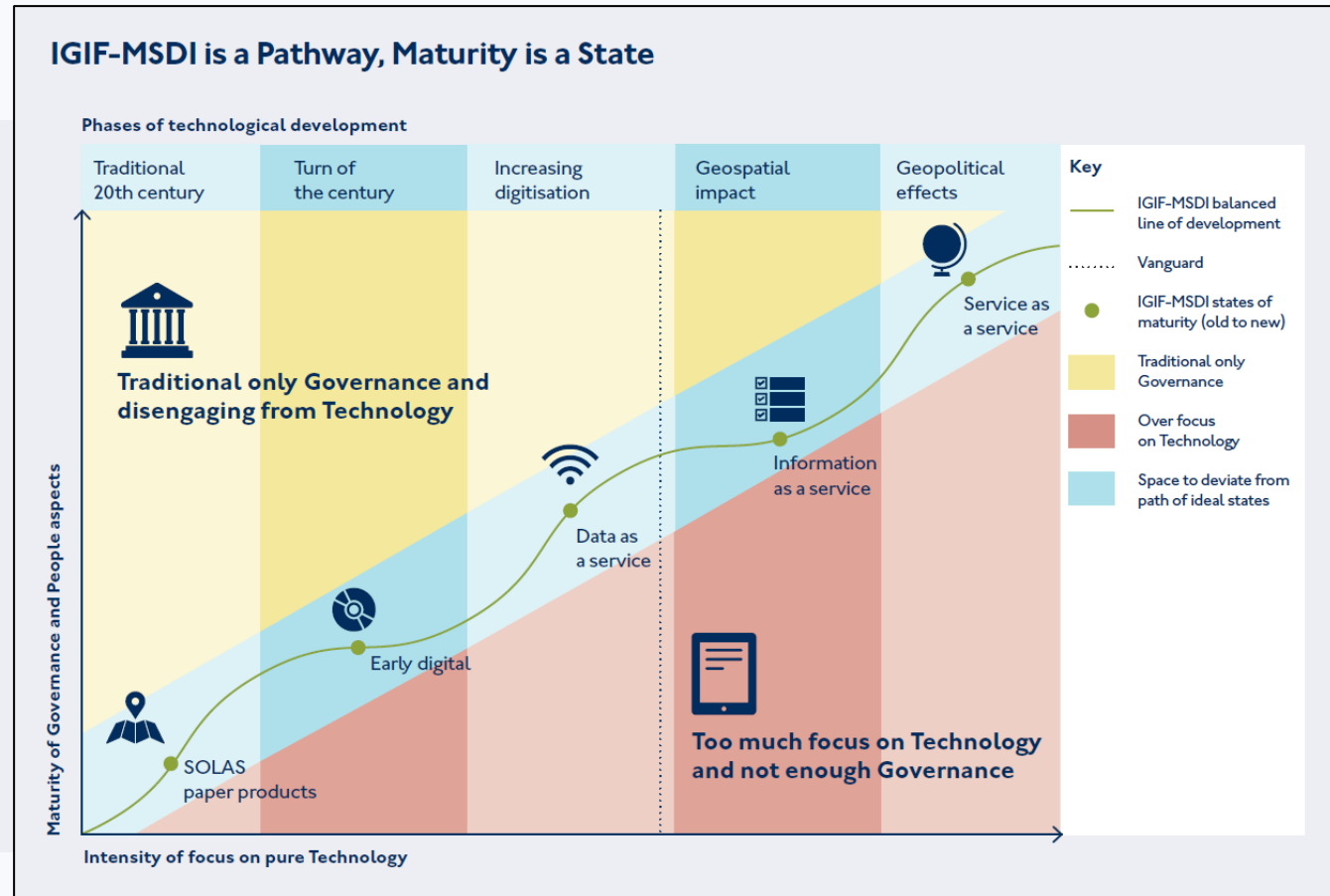
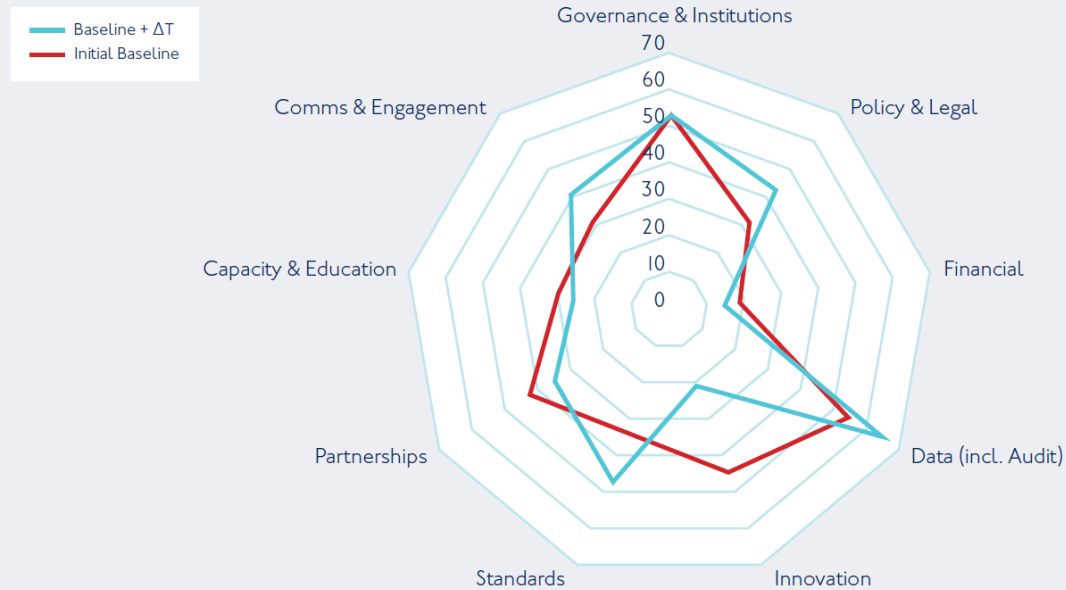


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Ch. 3 MSDI Maturity – Discussion points (2/2)

- Harmonization with OGC IGIF MSDI Maturity Roadmap

IGIF-MSDI Maturity Assessment



Diagrams courtesy of the UKHO



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