### A Geodesy and Positioning Thematic Layer -Identifying tools to connect the GGRF and the **United Nations GGIM Integrated Geospatial** Information Framework (IGIF)

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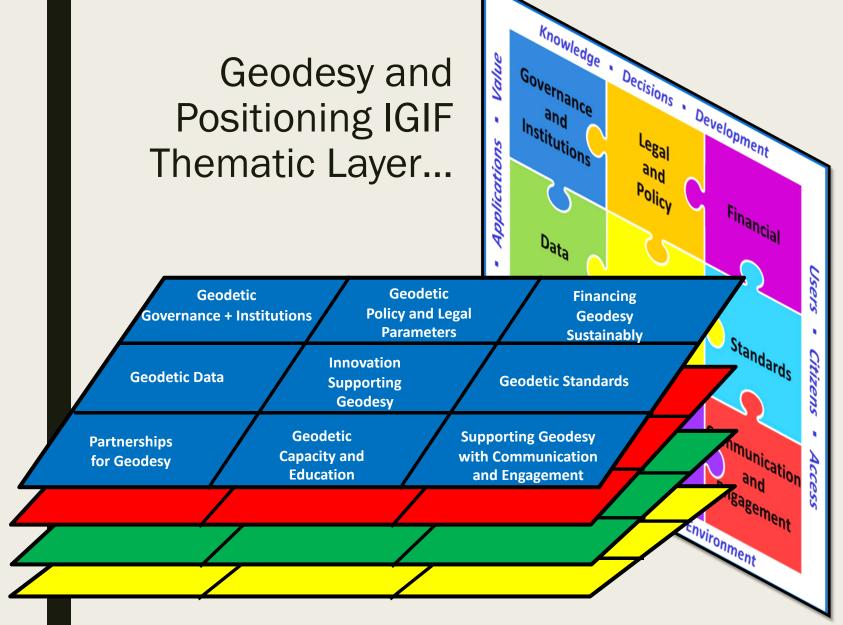
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#### UN GGIM-World Bank Integrated Geospatial Information Framework

Knowledge • Decisions • Development Value Governance Legal Governance  $\rightarrow$ and Financial and Users Institutions Policy Applications Citizens Technology  $\rightarrow$ Innovation Standards Data Access Technology Communication Capacity Partnerships People  $\rightarrow$ and and Engagement Education Society • Economy • Environment

- 9 strategic pathways
- 3 main area of influence:
  - governance;
  - technology; and
  - people.
  - Seek to maximise the geospatial information by making it available and accessible to governments, community, businesses, academia, and civil societies innovate, cocreate and develop new products, services, and applications that deliver new knowledge for evidence-based policy and decision-making.



### ...a third dimension to the IGIF puzzle

A Geodesy and Positioning Thematic Layer of the United Nations Committee of Experts on Global Geospatial Information Management (UN GGIM)-World Bank Integrated Geospatial Information Framework (IGIF) appears to be a promising future resource.

The IGIF has the potential to

- serve as a collaborative roadmap to help governments develop, access, and use geospatial information to
- make effective policies and
- more accurately direct aid and development resources.

How would a Geodesy and Positioning Thematic Layer be an enabling tool for the geodesy and positioning community?

### Identifying

(through implementation of common vocabulary and standardized terminology)

Aligning

 (through connections to internationally accepted organizational templates and outlines) Geodetic capacity development needs with:

- Broader geospatial uses and applications of the UN GGIM IGIF,
- Sustainable Development
   Goals
- Sendai Framework for Disaster Risk Reduction

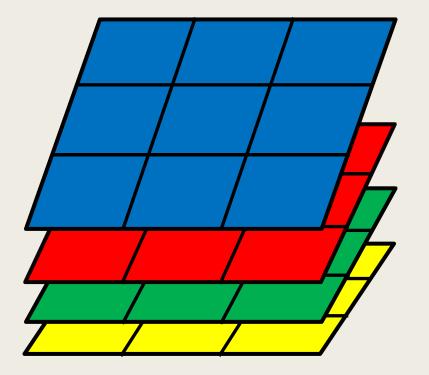
# What are the expected benefits of a Geodesy and Positioning IGIF Thematic Layer?

Maximizing the potential social benefit of geodesy through diversely distributed and maintained geodetic infrastructure around the world. Enabling people to analyze, process, and distribute geodetic positioning data needed to satisfy scientific observation requirements.

### How would a Geodesy and Positioning IGIF Thematic Layer help communicate geodesy's benefits to decision makers and the public?

- identify cross-cutting geodetic issues in the context of the IGIF three areas of influence – governance, technology and people.
- advocate the critical role of the GGRF using discrete and interoperable capacity resources.
- emphasize and fill gaps in geodesy-specific guidance,
- provide geodesy-specific examples of relevant and current policy statements, explanatory guides, and other lessons learnt with respect to the elements of the GGRF.
- unify descriptive vocabulary within the diverse global geodesy community
- establish a clear and transparent organizational system for geodetic capacity resources,
- minimize the duplication of effort,
- foster a culture of sharing and organizational collaboration.

# What would a Geodesy and Positioning IGIF Thematic Layer look like?



- A specialized companion to the IGIF Strategic Pathways
- A suite of tools based on IGIF-standardized principles, organizational templates, and descriptive vocabulary,
- A resource developed in a process that is participatory and inclusive

### **Community Feedback Needed!**

Has your country or organization developed, or is developing, an IGIF Country Action Plan?	<ul> <li>Feedback and lessons learned from colleagues who have participated in Country Action Plan development is essential, welcomed and greatly appreciated!</li> </ul>	
Sharing advice on tailoring IGIF for developing geodesy portions of Country Action Plans that are <b>'fit for purpose'</b>	<ul> <li>Next steps for IGIF alignment in the region may provide a good example for other regions</li> </ul>	
Have you identified a part of the IGIF that has been useful to your work supporting geodesy?	• Let us know!	



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