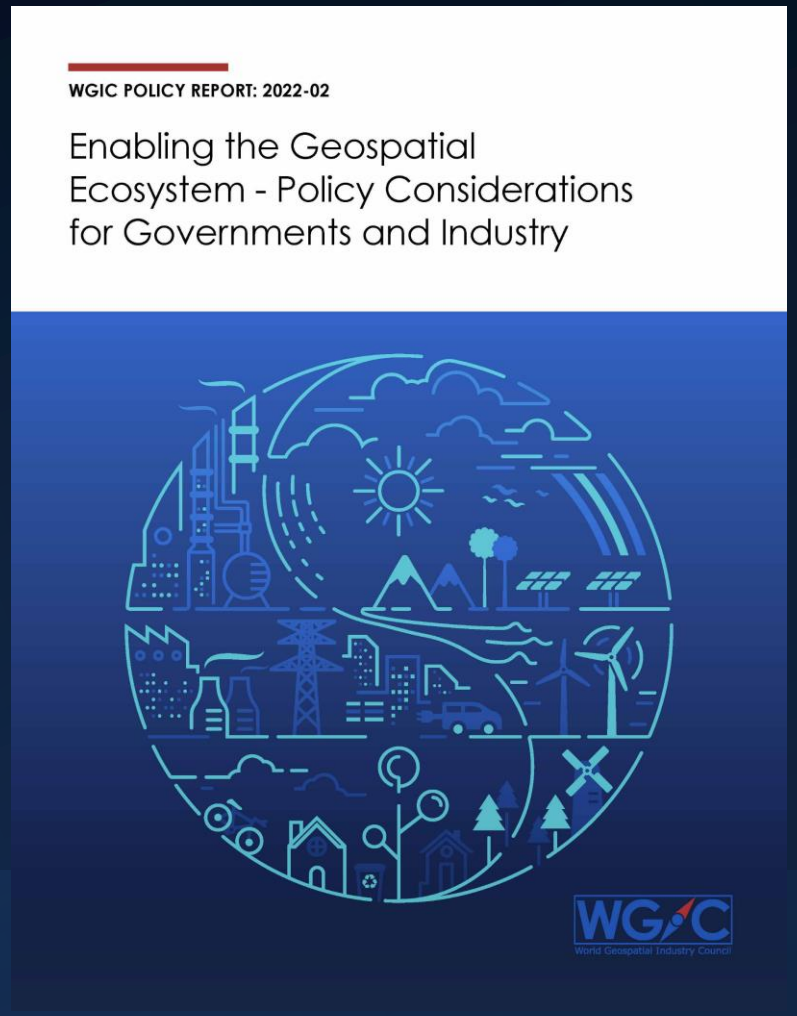

SECOND UN WORLD GEOSPATIAL INFORMATION CONGRESS

HYDERABAD, INDIA | 10-14 OCTOBER 2022 | TOWARDS GEO-ENABLING THE GLOBAL VILLAGE

WGIC

World Geospatial Industry Council

Barbara Ryan

Executive Director
WGIC

World Geospatial Industry Council

A Global not-for-profit Trade Association of Private Sector Companies working in the geospatial ecosystem.

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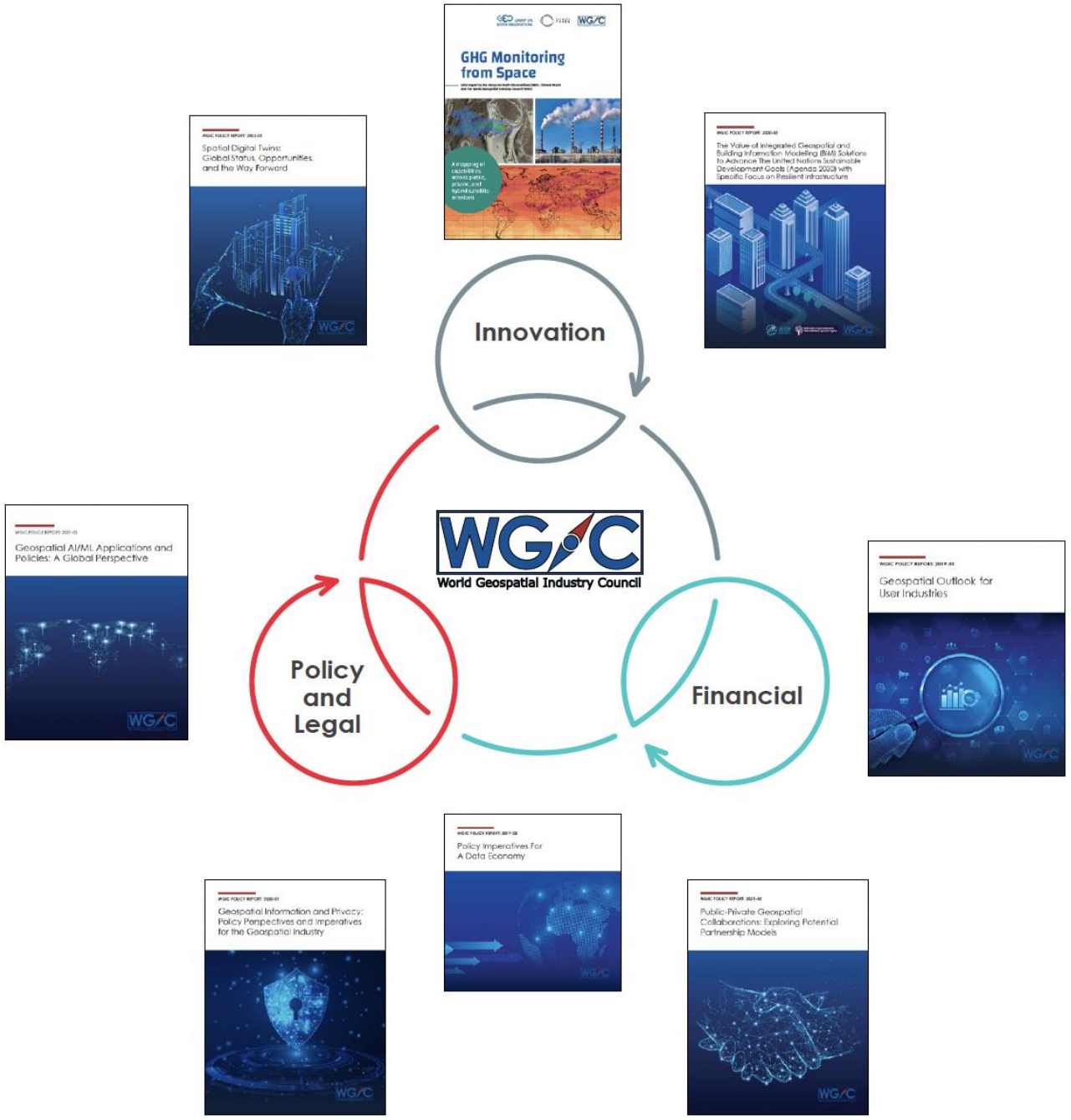
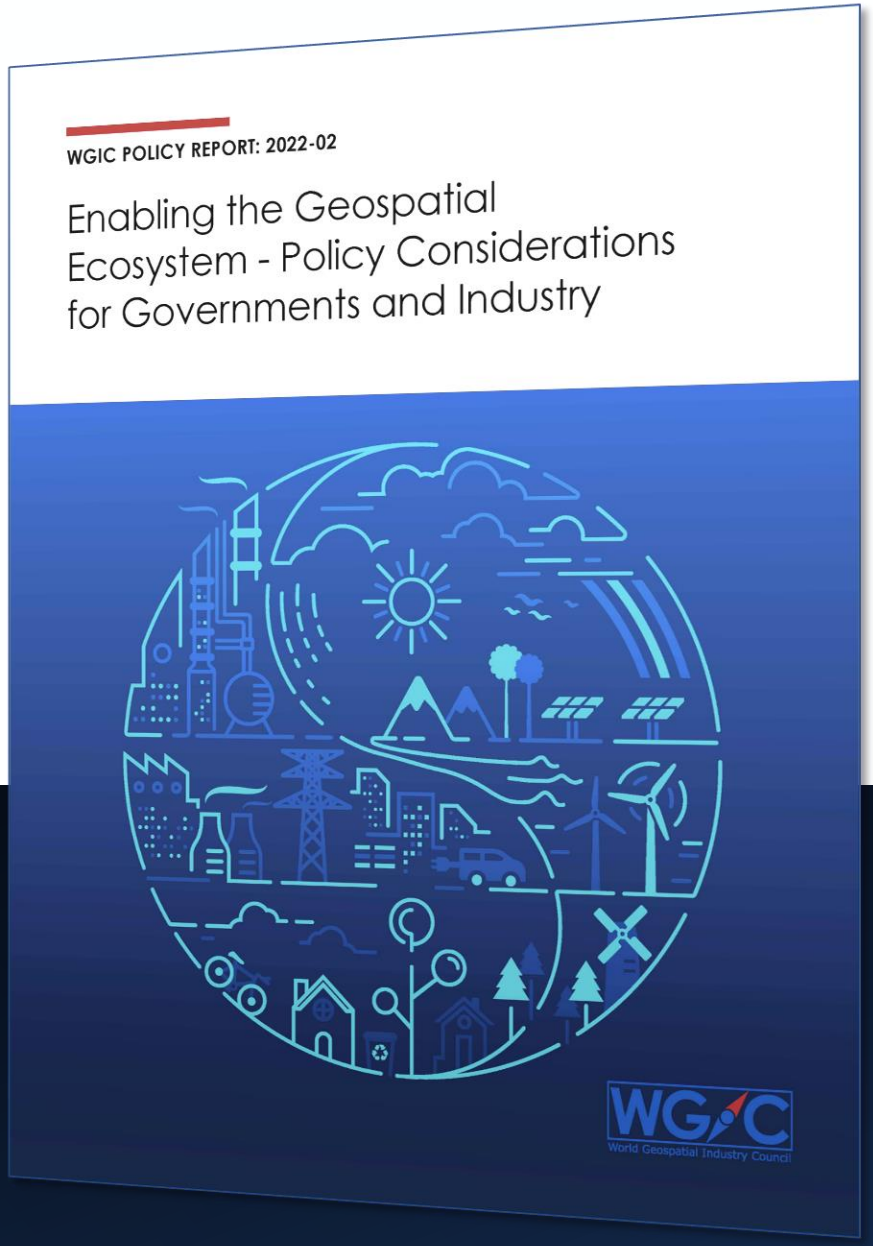
IGIF Strategic Pathways & WGIC Policy Research



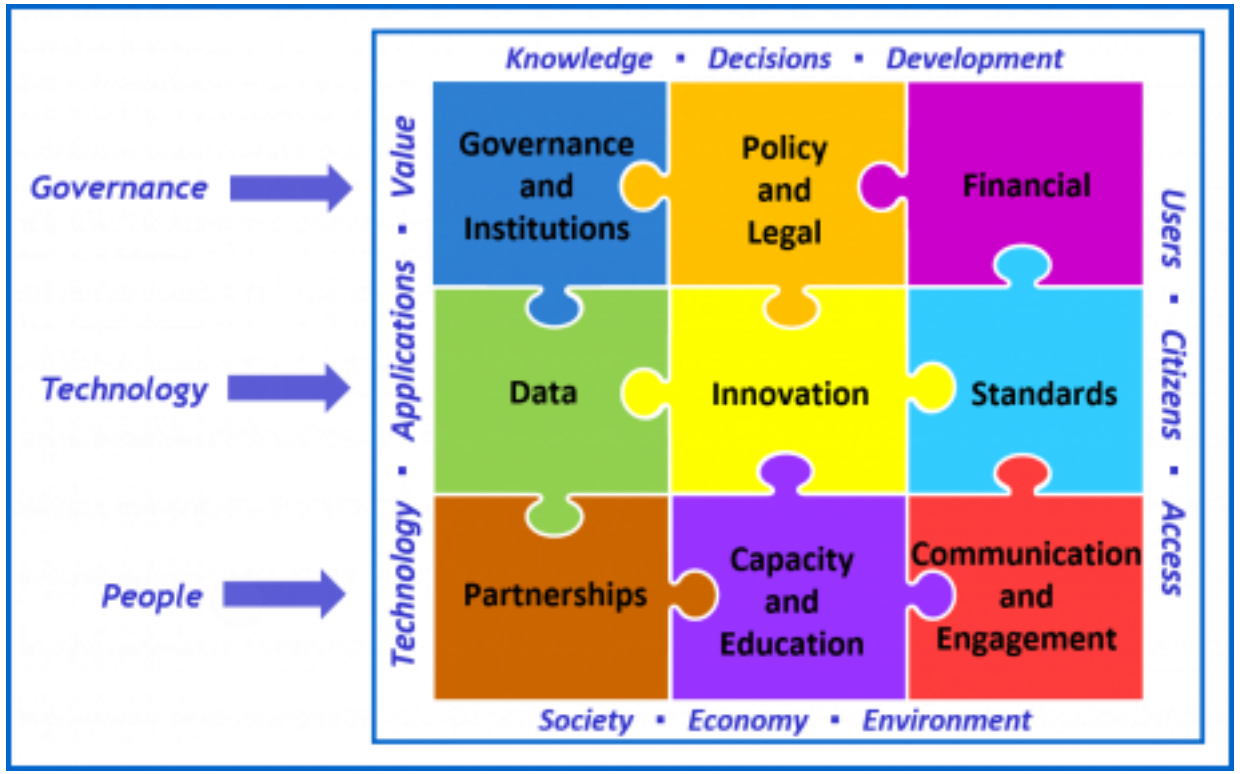
Download the report from WGICouncil.org



Understand the alignment of WGIC's policy advocacy work with the UN-GGIM IGIF strategic pathways – Policy and Legal, Innovation, and Financial.

UN-GGIM Integrated Geospatial Information Framework (IGIF)

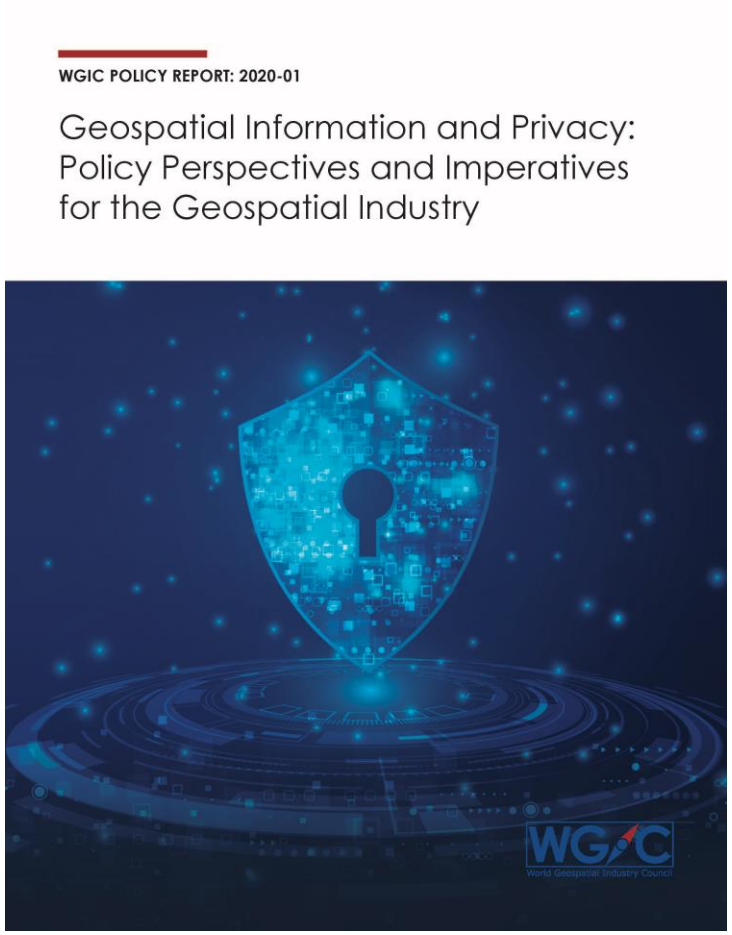
UNGGIM IGIF targets to realize the potential of new technologies and abundant data in an inclusive and safe manner

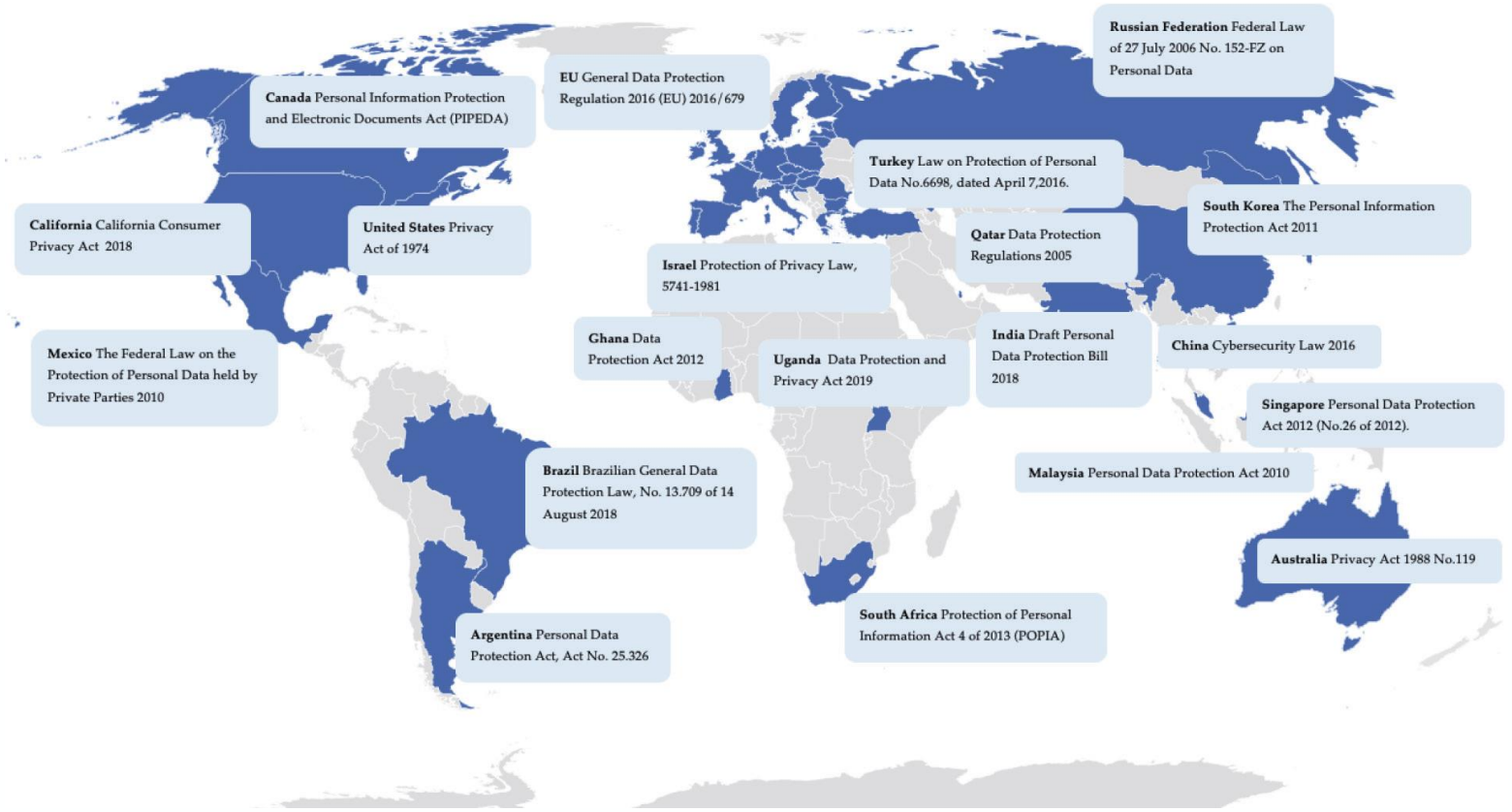


Policy and Legal Pathway & WGIC

- ❑ WGIC proactively monitors legislative activities and policy processes
- ❑ Keeps policymakers aware of the industry perspectives and the policy gaps identified for effective implementation
- ❑ Nudges and collaborates with geospatial industry to lead responsibly and self-regulate while policy-making processes catch-up

Data protection regimes across the world

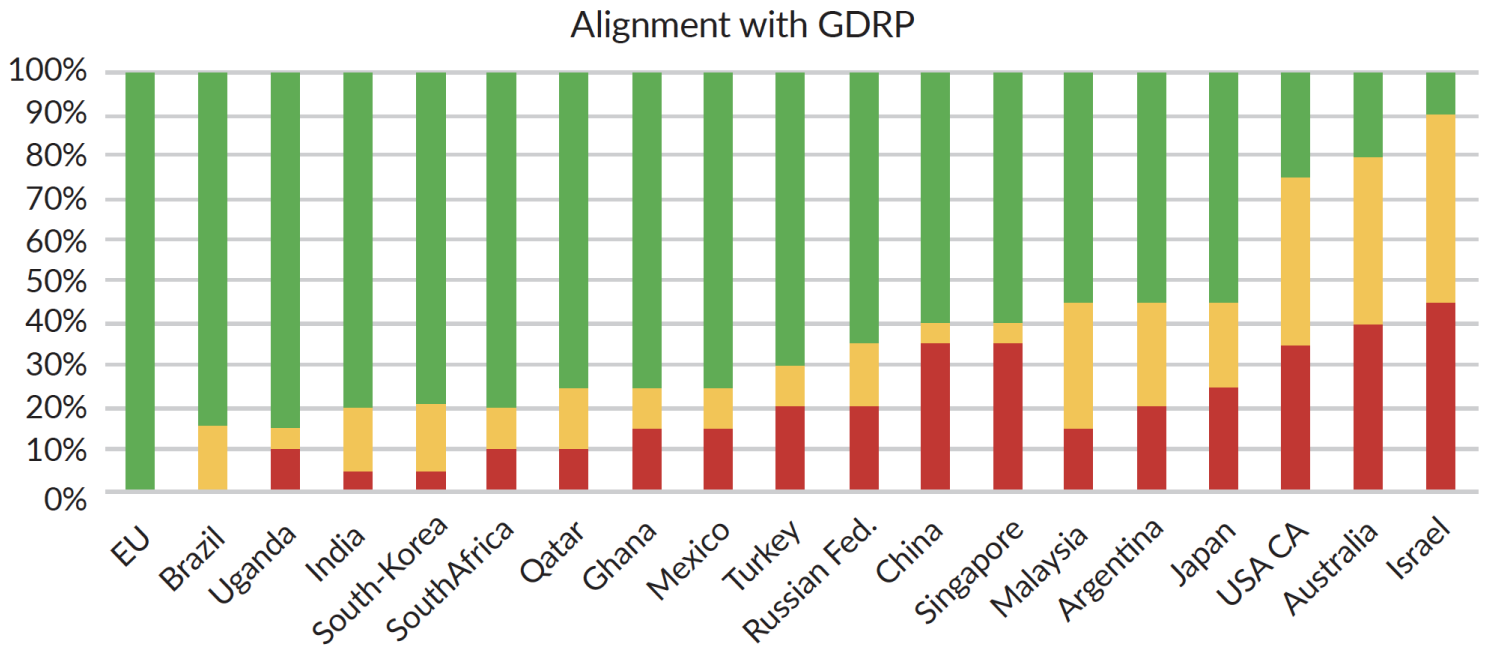




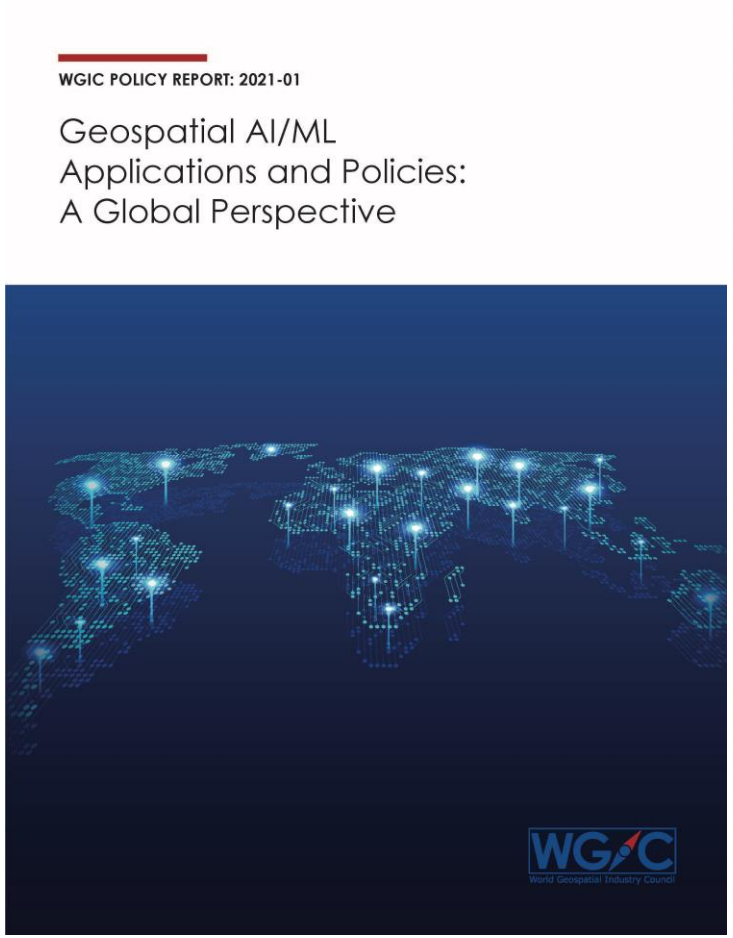
Alignment with GDPR requirements

WGIC POLICY REPORT: 2020-01

Geospatial Information and Privacy: Policy Perspectives and Imperatives for the Geospatial Industry

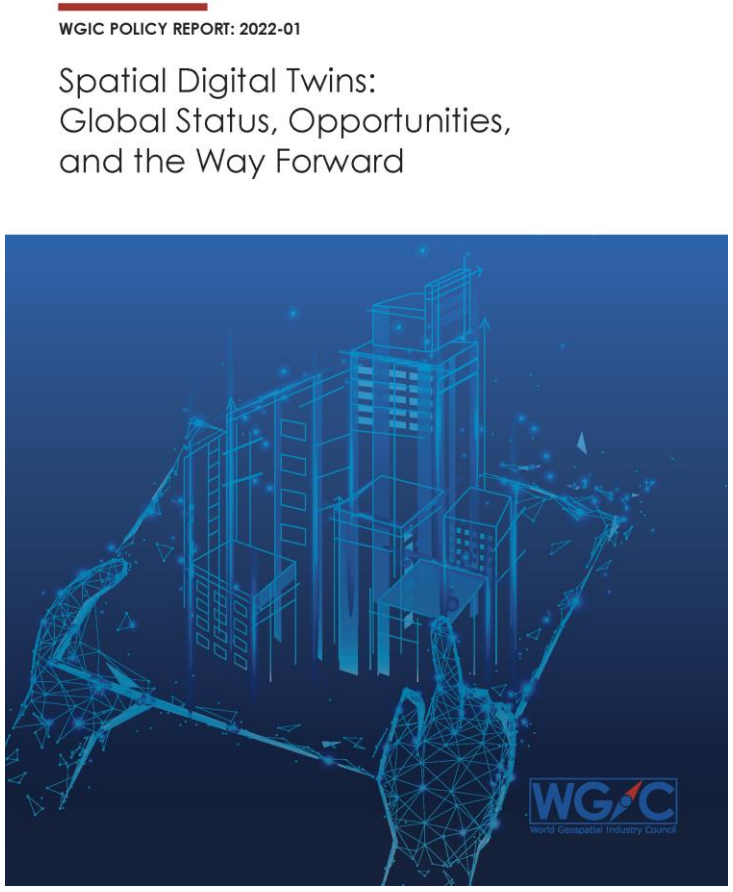


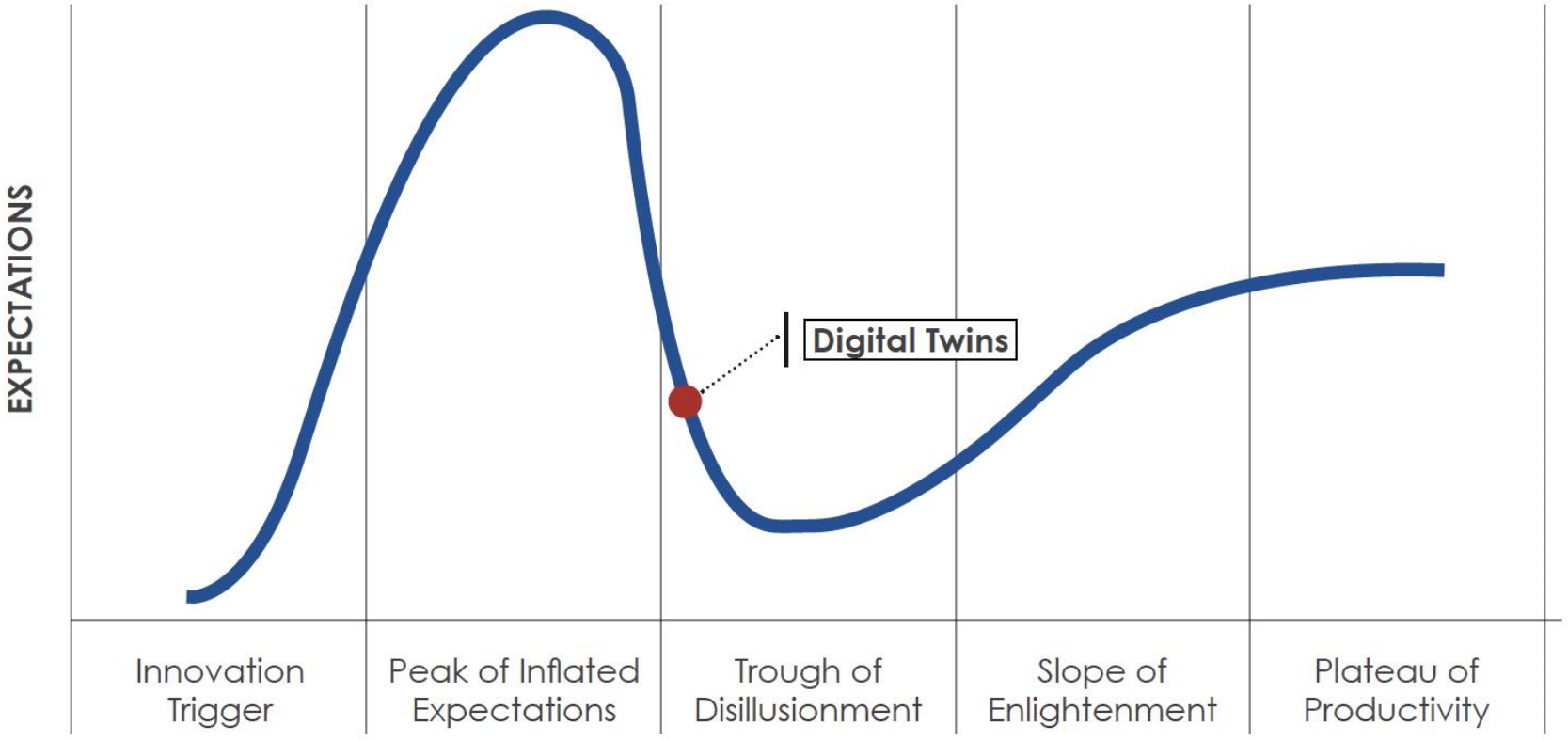
Policy Preparedness for AI Governance



	AUSTRALIA	BRAZIL	CHINA	EUROPEAN UNION	INDIA	ISRAEL	QATAR	SAUDI ARABIA	SINGAPORE	SOUTH KOREA	UNITED ARAB EMIRATES	UNITED KINGDOM	UNITED STATES OF AMERICA
AI Policy/Strategy Documents or Whitepapers	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Enacted AI Laws (sector agnostic)				✓						✓			
Enacted AI Laws (sectoral/issue specific)	✓					✓			✓				
Regulatory Proposals/Draft Laws on Privacy		✓	✓			✓	✓						
Enacted Laws on Data Protection/ Governance	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Soft law on AI (Guidelines and Directives)	✓			✓	✓			✓		✓			

Digital Twins - Gartner Hype Cycle





Source: Gartner (July 2022)

Spatial Digital Twin Initiatives Identified

Australia

- **Digital Twin Victoria**

European Union

- **Destination Earth (DestinE)**

Germany

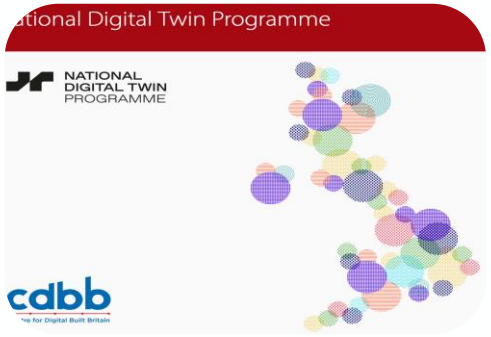
- **BKG Digital Twin Project**

New Zealand

- **Wellington Digital Twin**

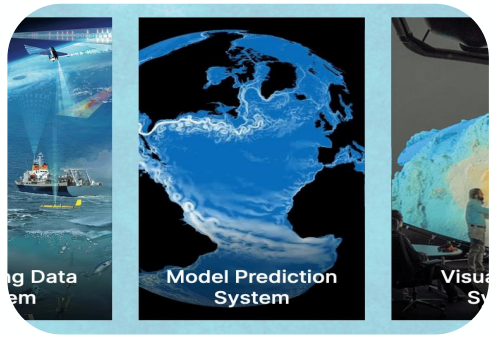
Singapore

- **Smart Nation Initiative**



United Kingdom

- **National Digital Twin initiative**



United Nations

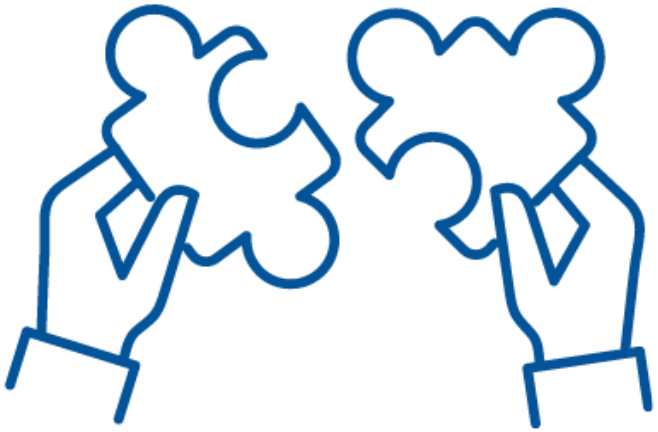
- **Digital Twins of the Ocean (DITTO)**

Key Recommendation on Policies

> Agile Policy Making

Pace of technology change requires agile-policy making that engages all stakeholders to share responsibilities for safe implementation.

Policy Research & Advocacy

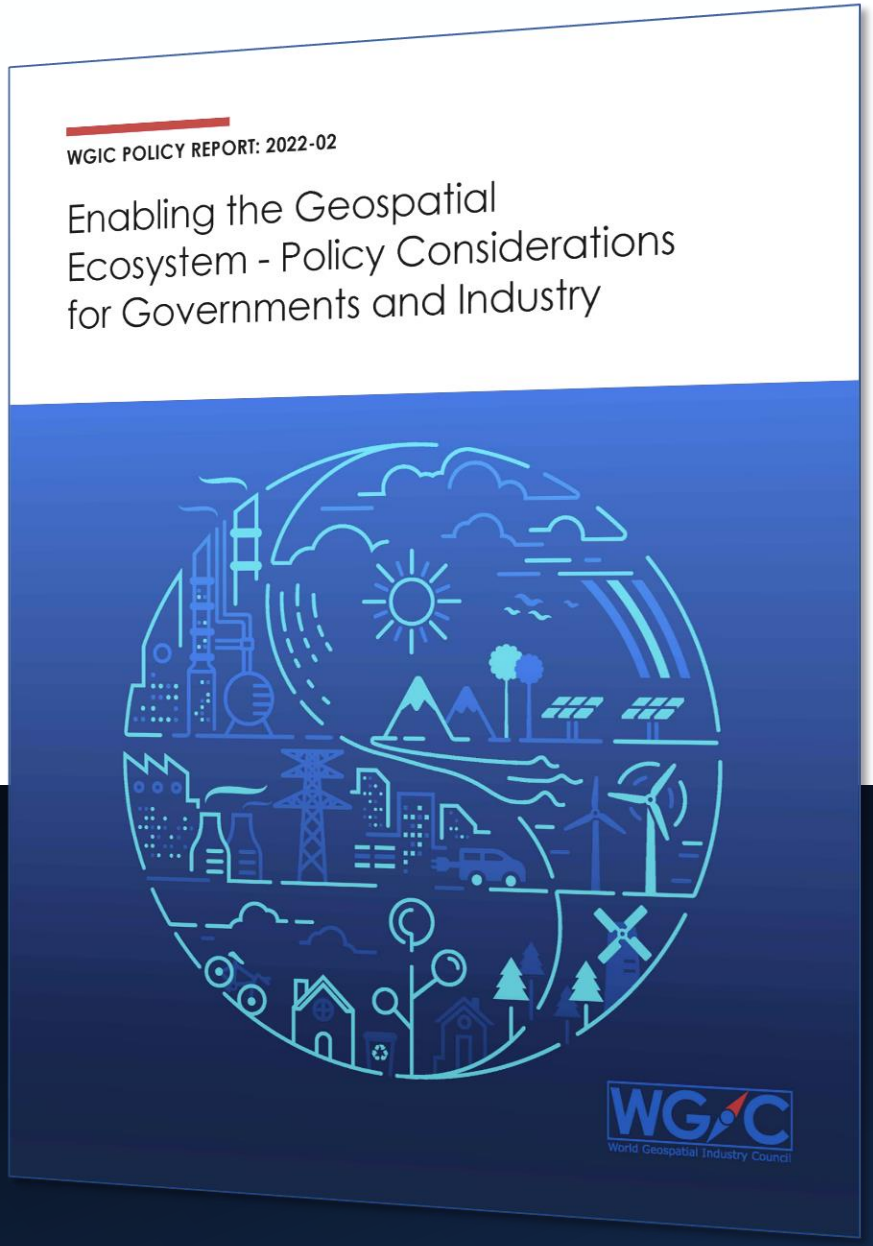


Partnerships

Call for Action

- More collaboration is needed to strengthen IGIF implementation globally.
- WGIC is committed to working with you to do so.

Download the report from WGICouncil.org



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Questions