

# **United Nations Committee of Experts on Global Geospatial Information Management**

### Established in 2011 (E/RES/2011/24), a formal inter-governmental body reporting to ECOSOC, to:

- Discuss, enhance and coordinate Global Geospatial Information Management activities by involving Member States at the highest level.
- Work with Governments to make joint decisions and set directions on the use of geospatial information within national and global policy frameworks.
- Address global issues and contribute collective knowledge as a community with shared interests and concerns.
- Develop effective strategies to build geospatial capacity in developing countries.
- To make timely, reliable and authoritative geospatial information readily available and accessible to support national, regional and global development.



## **Strengthening Geospatial Information Management**

### ECOSOC Resolution 2016/27 -

- Acknowledged the considerable achievements and progress made by UN-GGIM in the area of global geospatial information management, and its contribution to the strengthening of geospatial information management capacities and utilization in developing countries.
- Recognized UN-GGIM's role in the implementation of the 2030 Agenda for Sustainable Development, the Sendai Framework, and other global development agendas within the purview of the United Nations.
- Stressed the need to strengthen the coordination and coherence of global geospatial information management, in capacity-building, norm-setting, data collection, dissemination and sharing, among others, through appropriate coordination mechanisms.
- Broaden and strengthen the mandate of the Committee of Experts as the relevant body on geospatial
  information consisting of government experts, and change the title of the item on ECOSOC's agenda from
  "Cartography" to "Geospatial Information" and invites the Committee to report on all matters relating to
  geography, geospatial information and related topics.

Fosttioning geospetial information to address global challenges ages unlong

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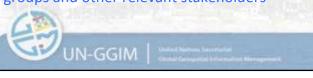
# Strategic Framework 2017 - 2021

(strengthening institutional arrangement in global geospatial information management (ECOSOC 2016/27))

### **UN-GGIM Decision 7/101:**

.... expressed support for progress on the 2017 – 2021 strategic framework, and agreed that it provided a reference for prioritizing the work of the Committee and a tangible means to communicate its work;

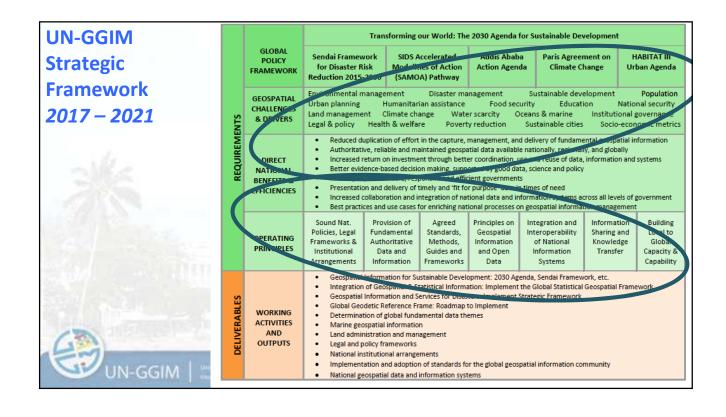
.... Suggested that efforts to implement the framework should be maximized through the support of the regional committees, thematic groups and other relevant stakeholders

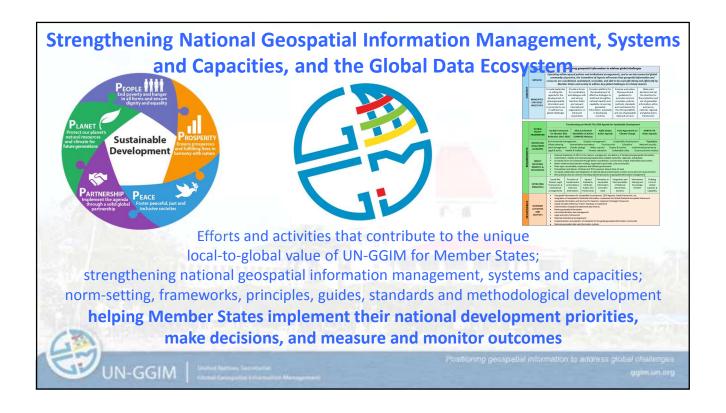


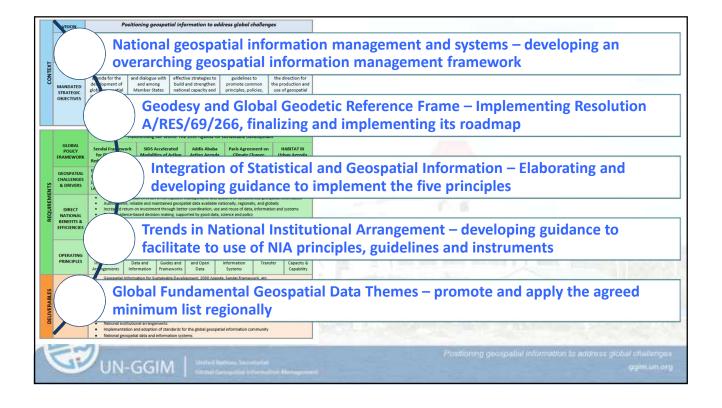
	MISSION	resources are coordinated, maintained, accessible, and able to be used effectively and efficiently by Member States and society to address key global challenges in a timely manner							
CONTEXT	MANDATED STRATEGIC OBJECTIVES	Provide leadership in setting the agenda for the development of global geospatial information and to promote its use to address key global challenges	Provide a formation of the coordinate and dialogue was and among Member State and relevan internations organizations enhanced cooperation	ion the d with effecti g build tes nation at capab al ion inform	e a platform for evelopment of ve strategies to and strengthen dility concerning geospatial ation, especially developing countries	Propose work- frameworks guidelines: promote com principles, pol methods, stan and mechanisr the interopera and use of geo: data and serv	and contour the co	Make joint decisions and set the direction for ie production and use of geospatial formation within and across lational, regional and global policy frameworks	
			Transforming or	ur World: The	2030 Agenda fo	or Sustainable Dev	relopment		
REQUIREMENTS	GLOBAL POLICY FRAMEWORK	Sendai Framewo for Disaster Ris Reduction 2015-2	k Modalitie	celerated es of Action () Pathway	Addis Ababa Action Agend			HABITAT III Urban Agenda	
	GEOSPATIAL CHALLENGES & DRIVERS	Environmental management Disaster management Sustainable development Population Urban planning Humanitarian assistance Food security Education National security Land management Climate change Water scarcity Oceans & marine Institutional governance Legal & policy Health & welfare Poverty reduction Sustainable cities Socio-economic metrics							
	DIRECT NATIONAL BENEFITS & EFFICIENCIES	Reduced duplication of effort in the capture, management, and delivery of fundamental geospatial information     Authoristative, reliable and maintained geospatial data valiable inationally, regionally, and globally     Increased return on investment through better coordination, use and resuce of data, information and systems     Better evidence-based decision making, supported by good data, suches and policy     More open, accountable, responsive and efficient governments     Presentation and delivery of timely and "fift for purpore" data in times of need     Increased Collaboration and integration of national data and information systems across all levels of government     Best practices and use cases for enriching national processes on geospatial information management							
	OPERATING PRINCIPLES	Sound Nat. Policies, Legal Frameworks & Institutional Arrangements	Provision of Fundamental Authoritative Data and Information	Agreed Standards, Methods, Guides and Frameworks	Principles on Geospatial Information and Open Data	Integration and Interoperability of National Information Systems	Informati Sharing a Knowled Transfe	nd Local to ge Global	
DELIVERABLES	WORKING ACTIVITIES AND OUTPUTS	Integration of Geospatial Ir Global Geod     Determinatis     Marine geos     Land adminis     Legal and po     National inst     Implemental	of Geospatial & Standormation and Ser etic Reference Francier of global fundar patial information stration and manal licy frameworks itutional arrangem	tistical Informa rvices for Disas me: Roadmap t mental data the gement nents of standards fo	tion: Implement t iers: Implement St o Implement emes	nda, Sendai Framew he Global Statistical trategic Framework atial information cor	Geospatial F	ramework	

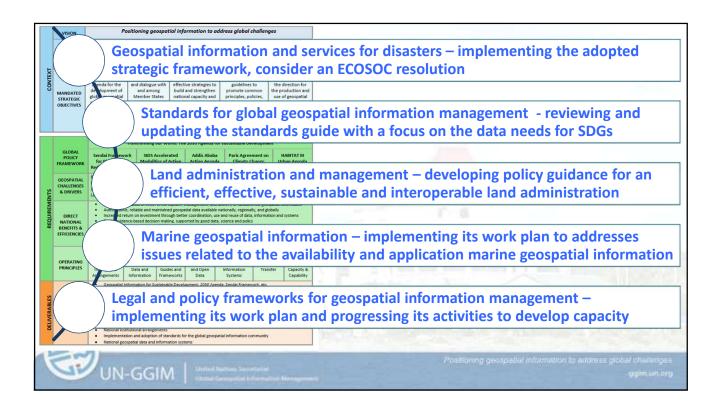
Positioning geospatial information to address global challenges

	VISION	Positioning geospatial information to address global challenges								
	MISSION	Operating within agreed policies and institutional arrangements, and as an interconnected global community of practice, the Committee of Experts will ensure that geospatial information and resources are coordinated, maintained, accessible, and able to be used effectively and efficiently by Member States and society to address key global challenges in a timely manner								
CONJEXT	MANDATED STRATEGIC ORJECTIVES	Provide leadership in setting the agenda for the development of global geospatial information and to promote its use to address key global, hallenges	Provide a forum for coordination and dialogue with and among Member States and relevant international organizations on enhanced	Provide a plotform for the development of effective strategies to build and strengthen national capacity and capability concerning geospatial information, especially in developing countries	Propose work-plans, Transworks 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 an use of geos, atial information within and across national, regional and global policy frameworks				



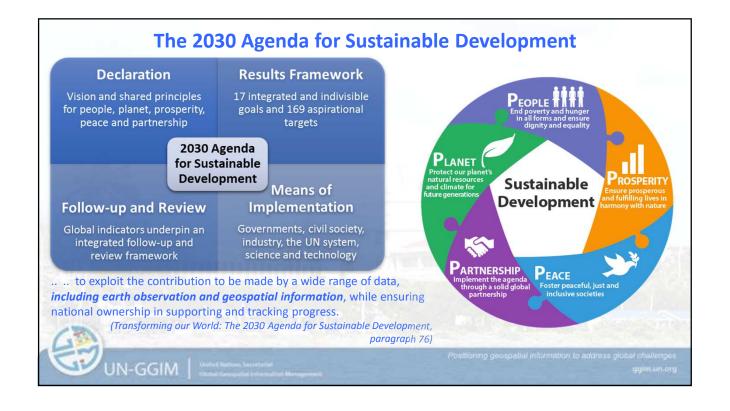














# TRANSFORMING OUR WORLD: THE 2030 AGENDA FOR SUSTAINABLE DEVELOPMENT General Assembly Resolution A/RES/70/1

### Para. 76; Follow up and Review

We will support developing countries, particularly African countries, LDCs, SIDS and LLDCs, in strengthening the capacity of national statistical offices and data systems to ensure access to high quality, timely, reliable and disaggregated data. We will promote transparent and accountable scaling-up of appropriate public-private cooperation to exploit the contribution to be made by a wide range of data, *including earth observation and geospatial information*, while ensuring national ownership in supporting and tracking progress.

### Target 17:18; Data, monitoring and accountability

By 2020, enhance capacity-building support to developing countries, including for least developed countries and small island developing States, to increase significantly the availability of high-quality, timely and reliable data disaggregated by income, gender, age, race, ethnicity, migratory status, disability, *geographic location* and other characteristics relevant in national contexts.



# Addressing the data needs for the 2030 Agenda

A/RES/71/313

Work of the Statistical Commission pertaining to the 2030 Agenda for Sustainable Development

### Annex

# Global indicator framework for the Sustainable Development Goals and targets of the 2030 Agenda for Sustainable Development

Sustainable Development Goal indicators should be disaggregated, where relevant, by income, sex, age, race, ethnicity, migratory status, disability and geographic location, or other characteristics, in accordance with the Fundamental Principles of Official Statistics.<sup>3</sup>

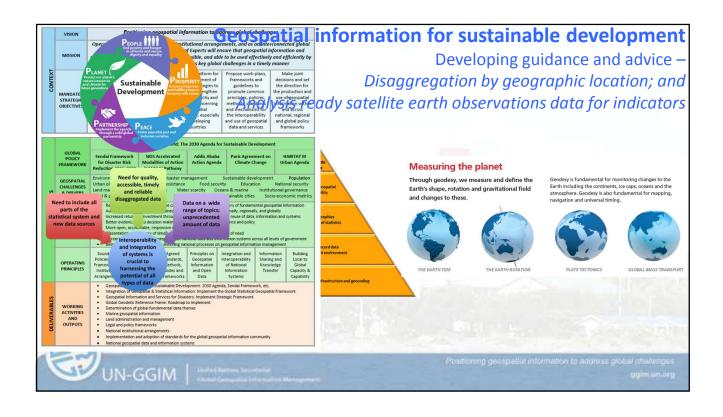
Goals and targets (from the 2030 Agenda for Sustainable Development)

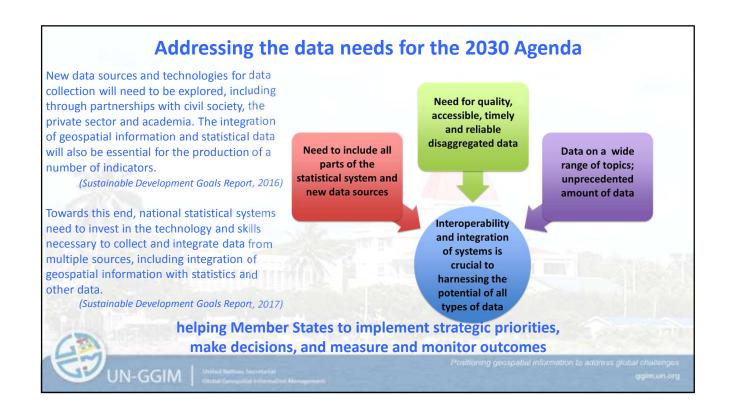
Indicators

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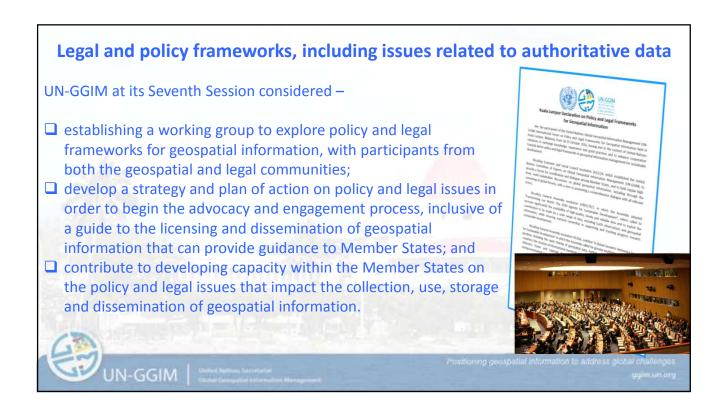


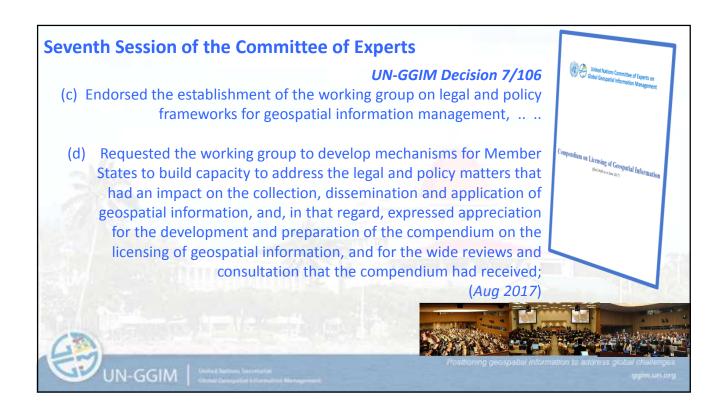


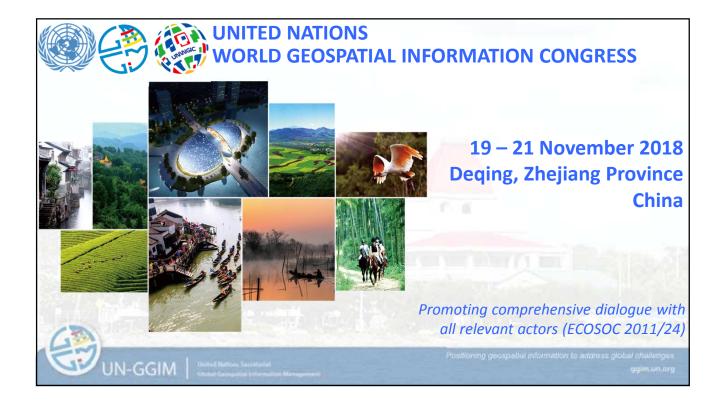
Legal and policy frameworks, including issues related to authoritative data
□ recognized policy and legal frameworks for geospatial information as one of the issues that needed to be addressed (Report of the Secretary-General on the Inventory of Issues , August 2012)
<ul> <li>Since the fifth session (August 2015), UN-GGIM continued to note developments in geospatial technology that could have an impact on policy and legal frameworks supporting geospatial information management</li> <li>Including disruptive technologies, such as unmanned aircraft systems, autonomous vehicles collected and used geospatial information in ways that presented unique legal and policy challenges</li> </ul>
☐ Sixth session agreed to an international forum on legal and policy issues and frameworks in Kuala Lumpur in October 2016.
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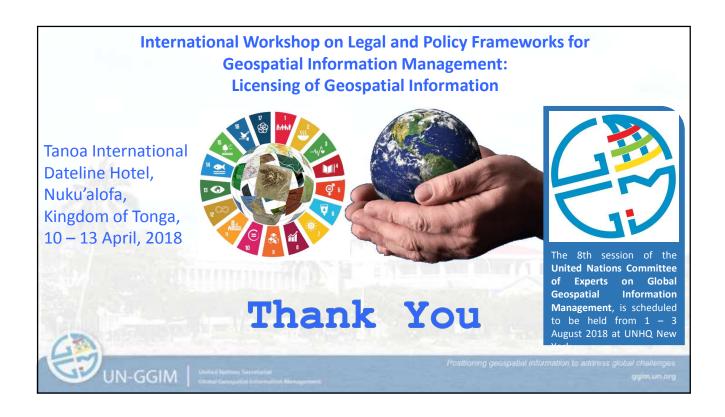
Legal and policy frameworks, including issues related to authoritative data
International Forum on Policy and Legal Frameworks for Geospatial Information:
☐ Significant policy and legal challenges associated with geospatial information management include the quality, timeliness, comparability, authority, availability, accessibility, licensing, pricing, sharing, liability, privacy and security of data, and open data.
□ Policy and legal issues impact geospatial information management at the local, national and international levels; and that these must be considered and balanced within national strategies, policies, laws and contexts;
☐ Developments and innovations in geospatial information and its related technologies and techniques are rapidly changing societal access to information;
□ Policy and legal frameworks will evolve over time, respond to societal progress and technological developments, particularly as machine-learning environments become more prominent; and
For such legal and policy frameworks to be effective they must allow for progressive and forward- looking strategies and include principles, guide and internationally agreed standards
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# Legal and policy frameworks, including issues related to authoritative data The outcome of all the discussions and debates at the International Forum on Legal and Policy Frameworks for Geospatial Information Management were reflected in the Kuala Lumpur Declaration on Policy and Legal Frameworks for Geospatial Information. The Declaration was unanimously adopted by the participants, and by the fifth Plenary Meeting of the Regional Committee of the United Nations Global Geospatial Information Management for Asia and the Pacific (UN-GGIM-AP). The resolution of fifth Plenary Meeting of UN-GGIM-AP provided a path forward for the Committee of Experts and the global geospatial information community











International Workshop on Legal and Policy Frameworks for Geospatial Information Management – Licensing of Geospatial Information 10 – 13 April 2018, Nuku'alofa, Kingdom of Tonga

### Session #2:

Setting the scene: Overview and context Group Discussion

What legal and policy issues do your agency face nationally that impacts the mandate and mission of your agency?

Positioning geospatial information to address plobal challenge

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