



Expert Consultation and Meeting on Enhancing Geospatial Information Management Arrangements and Accelerating the Implementation of the Sustainable Development Goals together with the Sub-regional Workshop on United Nations Integrated Geospatial Information Framework for the Southern Africa

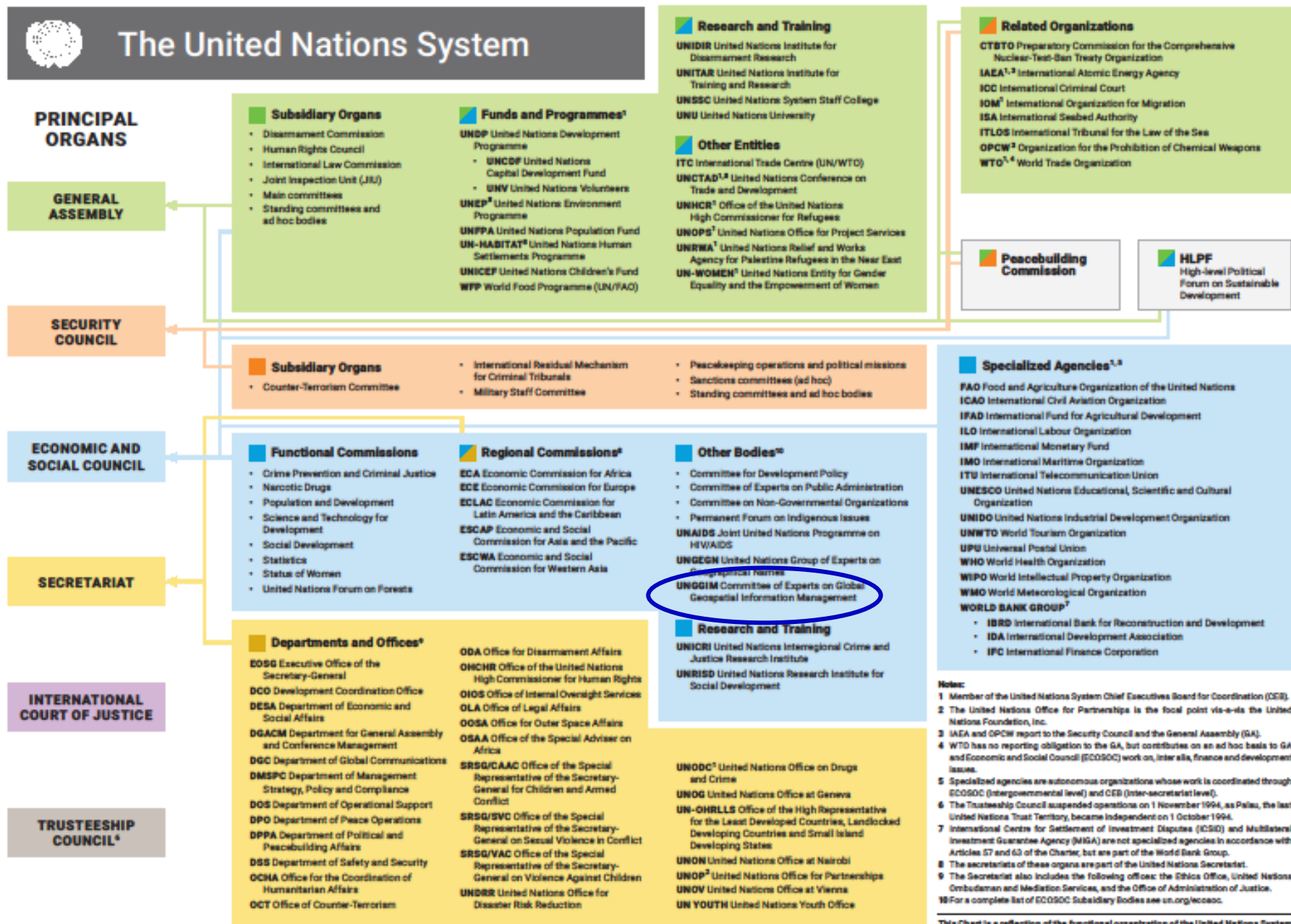
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The United Nations Committee of Experts on Global Geospatial Information Management is a subsidiary expert body of the Economic and Social Council of the United Nations. The Committee of Experts is the peak intergovernmental body to liaise and coordinate among Member States, and between Member States, international organizations and stakeholders, to foster better coordination and coherence in geospatial information management (E/RES/2011/27; E/RES/2016/27)



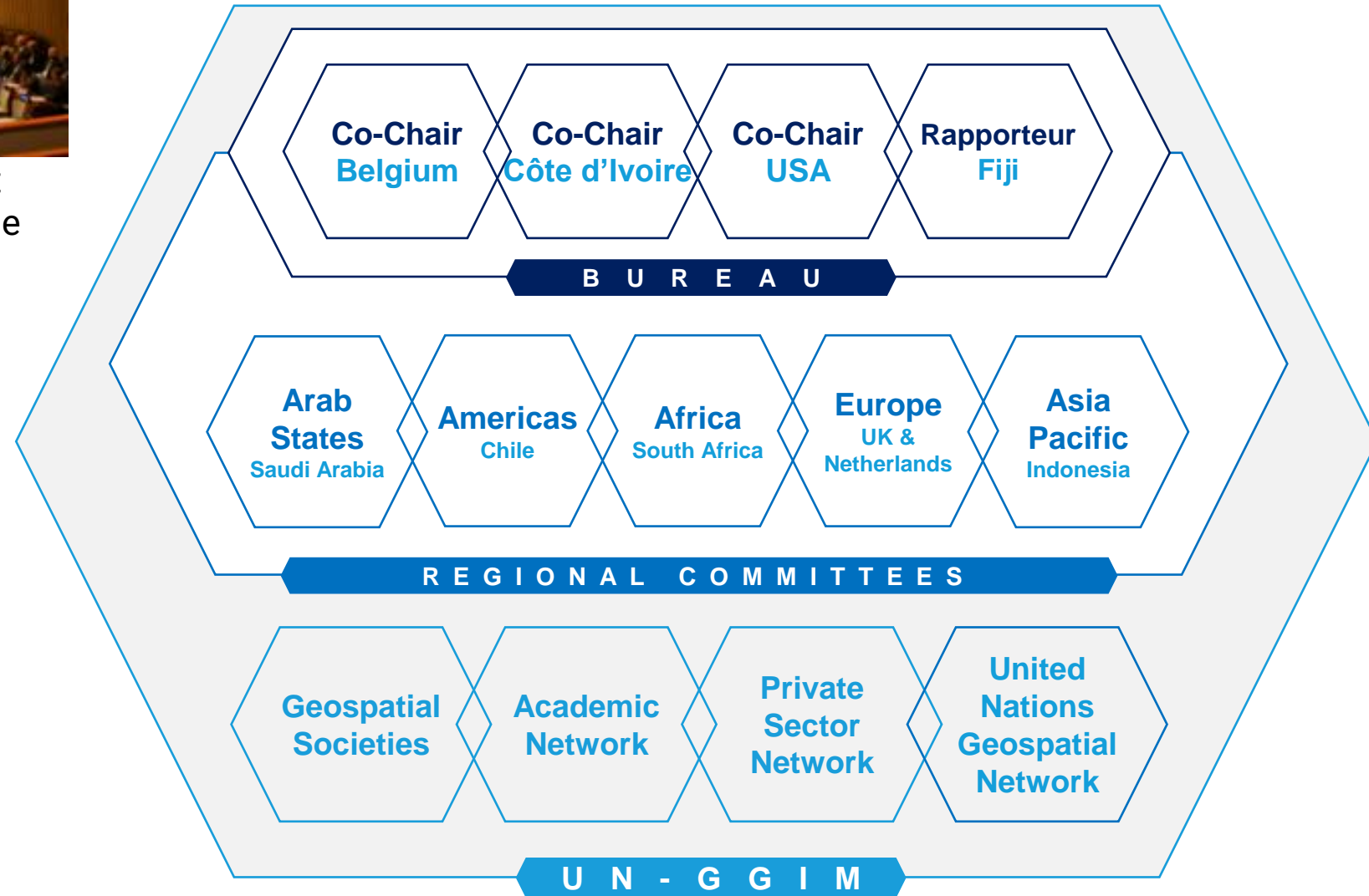
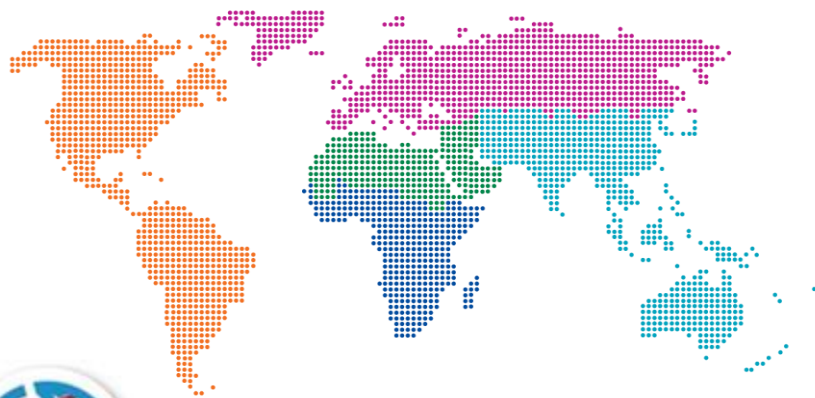
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INFORMATION MANAGEMENT





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 GLOBAL GEOSPATIAL
 INFORMATION MANAGEMENT

The Committee of Experts, a subsidiary expert body of the Economic and Social Council of the United Nations, is the **peak intergovernmental body to liaise and coordinate among Member States, and between Member States**, international organizations and stakeholders, to foster better coordination and coherence in geospatial information management



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 Committee of Experts on Global Geospatial Information Management

Positioning geospatial information to effectively address local to global challenges

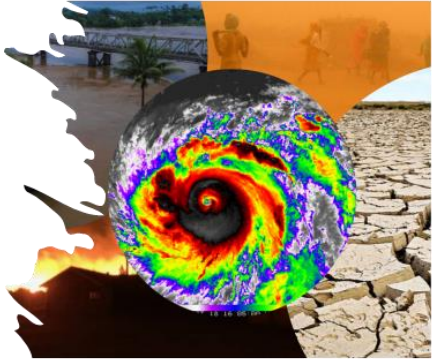
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Objectives and functions

- ✓ Provide leadership to ensure that geospatial information and resources are coordinated, maintained, accessible and able to be leveraged by Member States and society to find sustainable solutions for social, economic and environmental development
- ✓ Provide a forum for coordination and dialogue with and among Member States, the regional committees and thematic networks of the Committee, and relevant international organizations, on enhanced cooperation in the field of global geospatial information management, and to make joint decisions and set directions
- ✓ Provide a platform for the development of effective strategies on how to develop, strengthen and enhance national capacity and leadership concerning geospatial information for the benefits of all Member States

“the availability of high-quality data is also critical, helping decision makers to understand **where** investments can have the greatest impact”

António Guterres
 Secretary-General of the United Nations





2022 session

Agenda item 18 (h)

Economic and environmental questions: geospatial information

**Resolution adopted by the Economic and Social Council on
22 July 2022**

[on a proposal considered in plenary meeting (E/2022/L.26)]

2022/24. Enhancing global geospatial information management arrangements

4. *Reiterates* the importance of strengthening and enhancing the effectiveness of the Committee of Experts, particularly for the achievement of its operations focused on the ***Sustainable Development Goals*** and the ***Integrated Geospatial Information Framework***, to strengthen and ensure its continued effectiveness and benefits to all Member States;

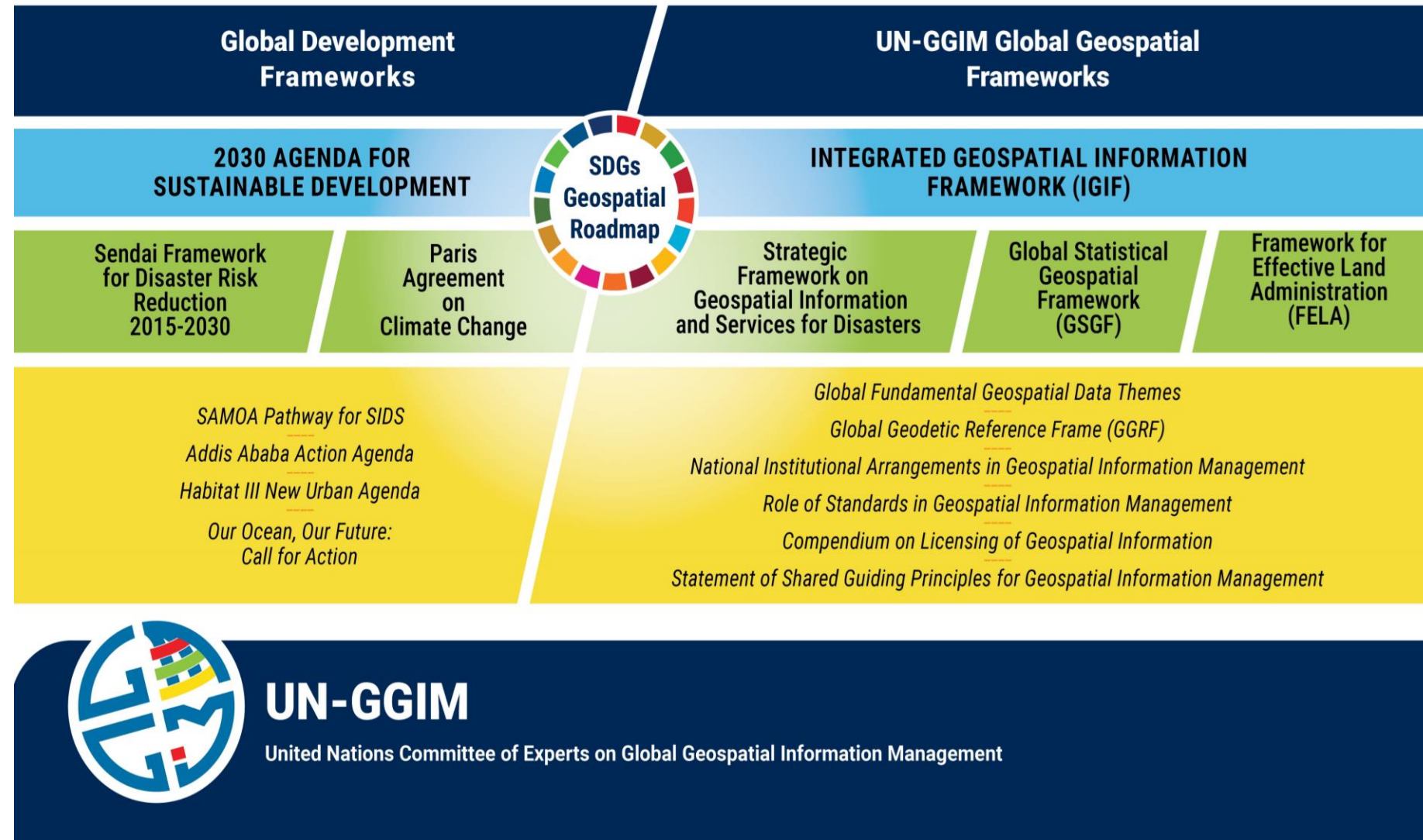
6. *Decides* to enhance the institutional arrangements of the Committee of Experts as a subsidiary body of the Economic and Social Council **in charge of all matters related to *geospatial information, geography, land administration and related topics***, in accordance with the terms of reference annexed to the present resolution;

7. *Also decides* to strengthen the work of the Committee of Experts, and requests the Secretary-General, in the context of his next budget proposal, to identify options to do so, within existing resources, including ***the establishment of a secretariat for the Committee, dedicated to the Committee's normative and implementation work on global geospatial information management***;

(E/RES/2022/24)



The Committee of Experts transmitted to ECOSOC its report, pursuant to resolution [E/RES/2016/27](#) entitled ‘Enhancing global geospatial information management’ ([E/2022/68](#)) in June 2022. The comprehensive report described the process of ‘transition’ marking the Committee’s work, starting with an initial five-year period (2011 – 2016) on **initiated/establishment**; the report then detailed its second five-year period (2017-2021) on **institutionalization**; and then considers the Committee’s future in the coming five-year period – on **implementation of the Committee’s frameworks, anchored by the UN-IGIF.**



9 Strategic Pathways

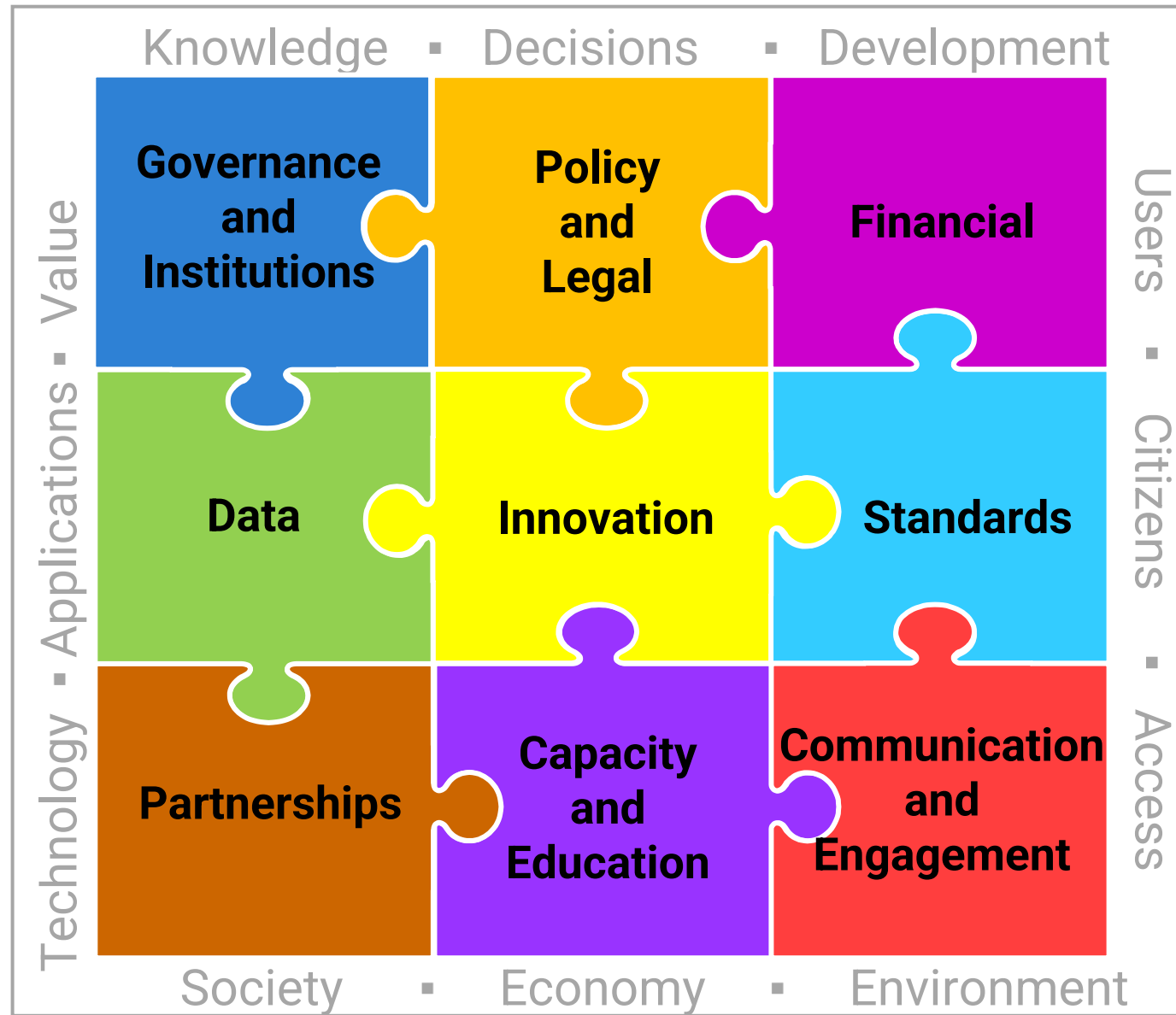
Governance



Technology



People



Anchored by 9 Strategic Pathways, the IGIF is a mechanism for articulating and demonstrating national leadership in geospatial information, and the capacity to take positive steps. The Strategic Pathways 'implement' the IGIF through actions.



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PROGRAMME OF WORK OF THE COMMITTEE

14/101

Enhancing global geospatial information management arrangements

(d) Welcomed the establishment of the **United Nations Global Geospatial Knowledge and Innovation Centre in China** and the **United Nations Global Geodetic Centre of Excellence in Germany** as well as the advanced planning to establish the **United Nations Global Geospatial Ecosystem Centre of Excellence in Saudi Arabia**; endorsed the strategic plan of the Global Geospatial Knowledge and Innovation Centre and appreciated the efforts to extend the current agreement on the operationalization of the Global Geodetic Centre of Excellence until 31 December 2030, thereby ensuring a longer-term operation for the Global Geodetic Centre;



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United Nations Global Geodetic
Centre of Excellence
(Bonn, Germany)

United Nations Global Geospatial
Knowledge and Innovation Centre
(Deqing, China)

United Nations Global Geospatial
Ecosystem Centre of Excellence
(Riyadh, Kingdom of Saudi Arabia)

Recognizing the importance of the global geodesy supply chain, **assist Member States** and geodetic organizations **to coordinate and collaborate** to implement A/RES/69/266 and to sustain, enhance, access and utilize an accurate, accessible and sustainable Global Geodetic Reference Frame (GGRF) to support science, society and global development

Develop and promote the required knowledge, innovation, and leadership to strengthen the adoption of geospatial information to support the implementation of national development priorities and the SDGs, leveraging the United Nations Integrated Geospatial Information Framework, and **where Member States will have the ability to integrate and deliver national geospatial information policy, systems, services and capabilities** into national government development policies, strategies, and arrangements

Support Member States and stakeholders in enhancing global geospatial information management with the aim to progress towards a future geospatial ecosystem where the global geospatial information community and stakeholders actively engage and contribute sustainable real-world solutions to humanity's many challenges, leveraging high-quality, timely and reliable location-based information and impactful geospatial analytics including advancements in geospatial technologies and artificial intelligence systems **towards new geospatial approaches and capabilities**





UNITED NATIONS GLOBAL GEODETIC CENTRE OF EXCELLENCE (UN-GGCE)

UN CAMPUS, BONN, GERMANY

(established by an agreement between the United Nations and the Federated Republic of Germany on 7th October 2022)

The Overarching Goal of the UN-GGCE is to assist Member States and geodetic organizations to coordinate and collaborate to sustain, enhance, access and utilize an accurate, accessible and sustainable Global Geodetic Reference Frame (GGRF) to support science, society and global development.



UNITED NATIONS GLOBAL GEODETIC
CENTRE OF EXCELLENCE

**First Joint Development Plan
for Global Geodesy**

Stronger . Together



<https://ggim.un.org/UNGGCE/>



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UNITED NATIONS GLOBAL GEOSPATIAL KNOWLEDGE AND INNOVATION CENTRE (UN-GGKIC), DEQING, CHINA

(established by an agreement between the United Nations and the Government of the People's Republic of China on 20 May 2022)

The Overarching Goal of the UN-GGKIC is to work towards the ambitions of implementation of the United Nations Integrated Geospatial Information Framework set by Member States, to develop capacity, promote and support the required innovation, leadership, coordination and standards to develop, strengthen, integrate and deliver national geospatial information policy, data, systems, tools, services and capabilities into their national government development policies, strategies and arrangements.

This expert consultation and meeting is part of efforts to continually inform the work programme and activities of the UN-GGKIC, particularly, the implementation of the UN-IGIF by Member States

...Where geospatial solutions shape our world

1 VISION
To strengthen geospatial capacity, knowledge, and innovation to shape countries, address national development priorities and accelerate the implementation and achievement of the Sustainable Development Goals

1 MISSION
To develop, promote and support the required geospatial innovation, leadership, coordination, and standards to assist countries in their efforts to develop, strengthen, integrate, and deliver national geospatial information policy, data, systems, tools, services and capabilities for national development priorities





SDG DATA ALLIANCE

A MULTI-STAKEHOLDER PARTNERSHIP

FOUNDING PARTNERS



IMPLEMENTING PARTNERS



9 Strategic Pathways

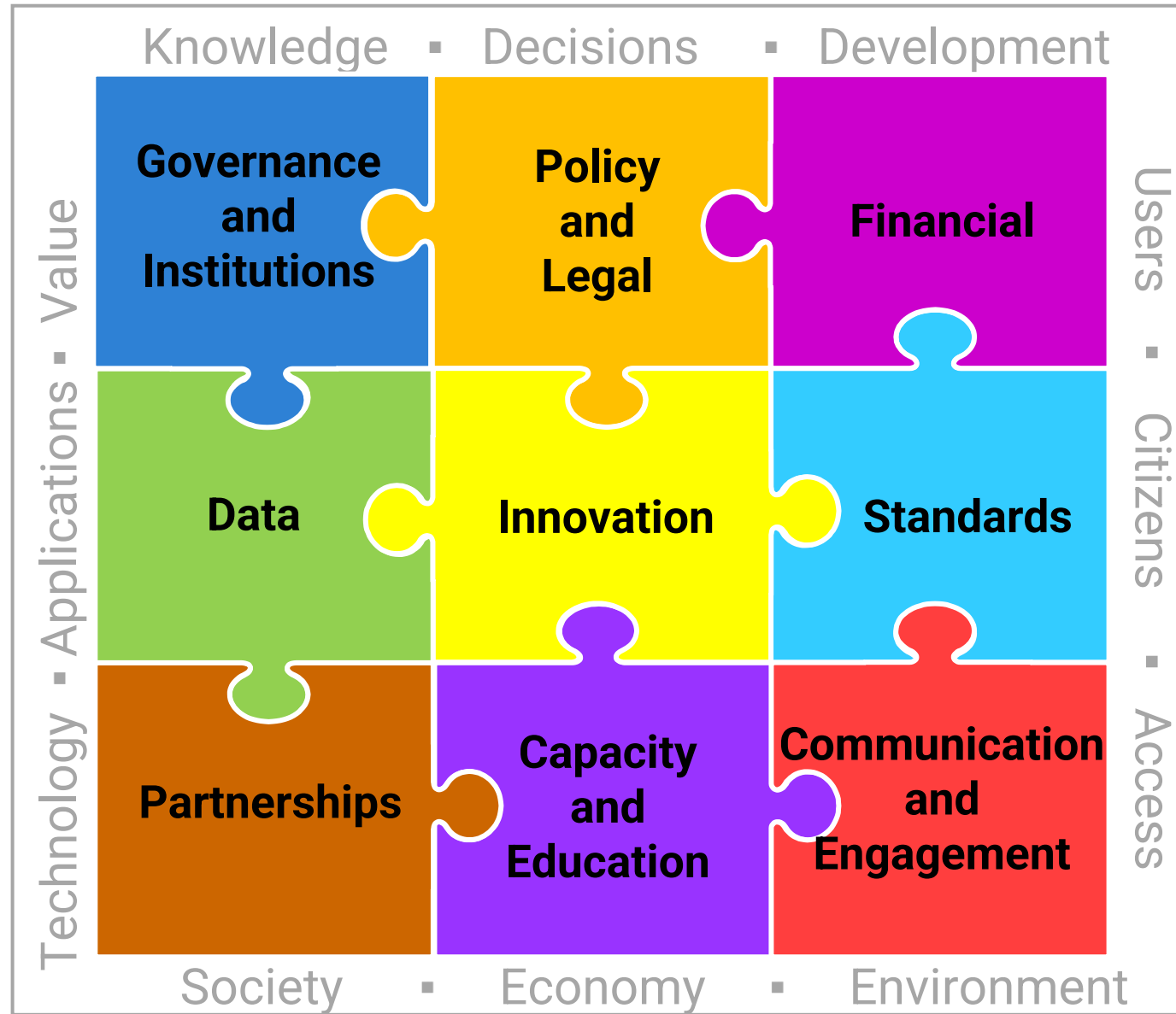
Governance →



Technology →



People →



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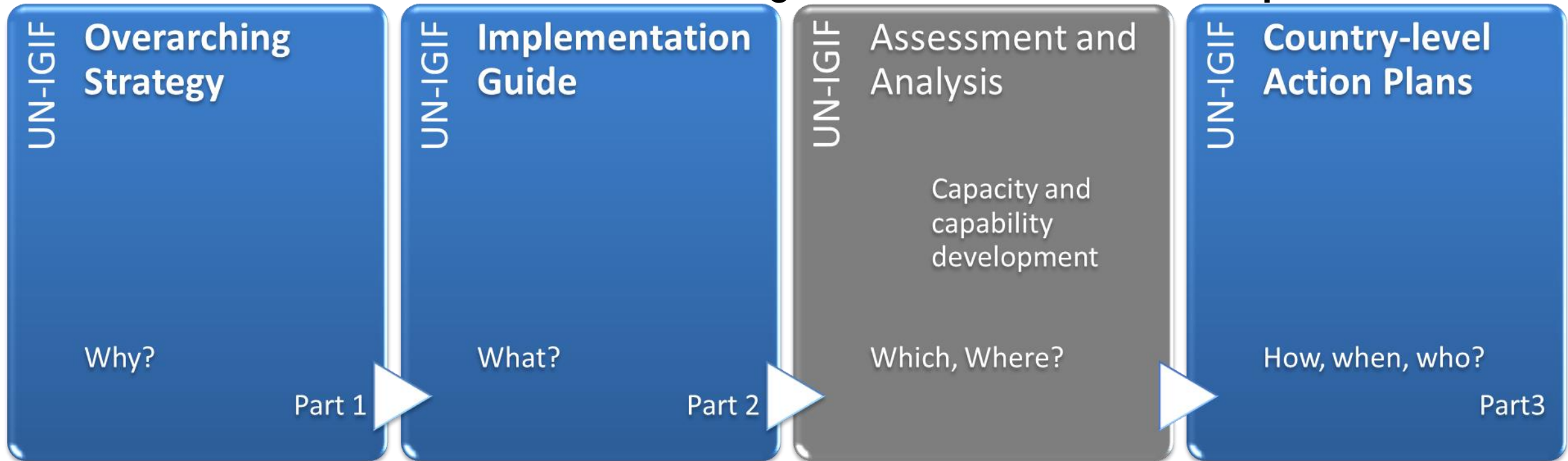
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National Priorities and the 2030 Agenda for Sustainable Development



The United Nations Integrated Geospatial Information Framework (UN-IGIF) is a multi-dimensional Framework aimed at enhancing national geospatial information management, particularly in developing countries. UN-IGIF focuses on the geospatial information that is integrated with **any** other meaningful data to solve societal and environmental problems, acts as a catalyst for economic growth and opportunity, and to understand, align, and contribute to the delivery of a country's development priorities and the Sustainable Development Goals

“the availability of high-quality data is also critical, helping decision makers to understand **where** investments can have the greatest impact”

António Guterres
Secretary-General of the United Nations



4th International Conference on Small Island Developing States

Charting the Course Toward Resilient Prosperity

27-30 May 2024; Antigua and Barbuda

Participate

About

“**[Geospatial information]** is crucial for planning, decision-making, and implementation across various sectors—health, education, agriculture, urban planning, and environmental management.”

Steadroy Benjamin
Deputy Prime Minister
Attorney General
Antigua and Barbuda
October 2024



SIDS countries workshop on the UN Integrated Geospatial Information Framework in Antigua and Barbuda



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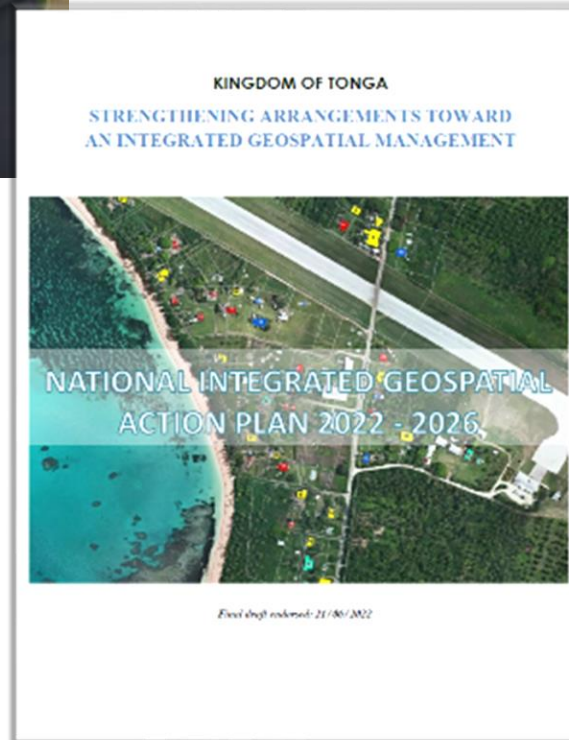
“ Today is a digital era; **geospatial information** is a digital fuel for government and services. Data from many sources. We need to **act with knowledge and evidence.** ”

Hon. Samiu Vaipulu
Deputy Prime Minister
Kingdom of Tonga
September 2023

Country-level Action Plan Kingdom of Tonga



 Tonga (2023) [English](#)



“ The implementation of this **Action Plan** will provide Tonga with a truly **national** collaborative approach to improving the management and **use of this valuable digital asset.** Strengthen government at all levels and strengthen industry. ”



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THANK YOU



Fifteenth Session
of the
United Nations
Committee of
Experts on Global
Geospatial
Information
Management
6 – 8 August 2025
UNHQ, New York

SUSTAINABLE DEVELOPMENT GOALS



UN-IGIF
INTEGRATED GEOSPATIAL
INFORMATION FRAMEWORK



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