

Second expert meeting of the Working Group on Marine Geospatial Information
Leibniz-Institute for Baltic Sea Research Warnemünde, Rostock-Warnemünde, Germany
 24 – 28 February 2020



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United Nations Committee of Experts on
Global Geospatial Information Management

Working Group on
Marine Geospatial Information

Positioning geospatial information to address global challenges
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The **Sixth High Level Forum on United Nations Global Geospatial Information Management** with the theme '**Changing the World - Geospatially**' is organized by the United Nations Committee of Experts on Global Geospatial Information Management (UN-GGIM) in collaboration with the Government of the United Kingdom of Great Britain and Northern Ireland through the Ordnance Survey of Great Britain. It will be held at **Royal Holloway College, University of London, Windsor, United Kingdom from 20-22 April 2020**. This sixth edition of UN-GGIM's High Level Forums will have the substantive support from each of the five Regional Committees of United Nations Global Geospatial Information Management (UN-GGIM: Asia and the Pacific, UN-GGIM: Americas, UN-GGIM: Africa, UN-GGIM: Europe, and UN-GGIM: Arab States) as well as its four thematic networks (UN-GGIM: Geospatial Societies, UN-GGIM: Academic Network, UN-GGIM: Private Sector Network, and UN-GGIM: UN Geospatial Network). The Sixth High Level Forum is being staged in pursuance of the mandate from the United Nations Economic and Social Council (ECOSOC) to convene global forums to promote comprehensive dialogue on global geospatial information management with all relevant governments, non-governmental organizations and the private sector.




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The **tenth session** of the United Nations Committee of Experts on Global Geospatial Information Management (UN-GGIM) will be held from **5 - 7 August 2020** at the United Nations Headquarters in New York. UN-GGIM seeks to promote international collaboration in global geospatial information management, and as the relevant body on geospatial information management in the United Nations, to report on all matters relating to geography, geospatial information and related topics to the **Economic and Social Council (ECOSOC)** of the United Nations.

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United Nations Committee of Experts on Global Geospatial Information Management 

UN-GGIM Bureau:
 Co-Chairs: Cameroon, Netherlands, Kingdom of Tonga
 Rapporteur: Chile

UN-GGIM Regional Committees & Chairs:

- Africa: Senegal
- Americas: Mexico
- Arab States: Saudi Arabia
- Asia-Pacific: Australia
- Europe: Slovenia

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

UN-GGIM International Networks:

- Academic Network
- Private Sector Network
- Geospatial Societies
- United Nations System Network
- International Standards Development Organizations



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


Subcommittee, Expert and Working Groups & Chairs:

Subcommittee on Geodesy: **Australia and Russian Federation**

Expert Group on the Integration of Statistical and Geospatial Information: **Germany and Namibia**

Expert Group on Land Administration and Management: **Guyana and The Netherlands**

Working Group on Geospatial Information and Services for Disasters: **Jamaica and Japan**

Working Group on Legal and Policy Frameworks for Geospatial Information Management: **Sweden**

Working Group on Marine Geospatial Information: **Burkina Faso and United States of America**

Working Group on Geospatial Information of the Inter-agency and Expert Group on Sustainable Development Goals Indicators: **Ireland and Mexico**

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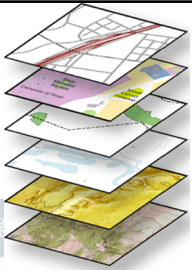
.. ... our 21st century landscape

What is changing rapidly is the pace at which high quality data is being made available... combined with enabling technologies and sophisticated analytics... that are able to collect and manipulate the data. **How do we keep up?**


Change itself is not the problem...that is inevitable progress. It is the pace of change that is so challenging. **How to respond to this pace ...** and the many multi-dimensional aspects?


New technologies that drive the collection, storage and use of data are increasing the relevance and quality of geospatial information.

Better and more relevant location-based data is providing new information and knowledge about a range of sectors, both natural and as-built (including planned or soon to be built) increasing the potential, value and productivity of the data ... and the record of evidence.




Geospatial information is a critical component of the national infrastructure and knowledge economy; a blueprint of what happens where, and the means to integrate a wide variety of government services.





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“Knowing where people and things are and their relationship to each other is essential for informed decision-making. Comprehensive location-based information is helping Governments to develop strategic priorities, make decisions, and measure and monitor outcomes.”

Recognizing temporal

activities have a

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United Nations Framework Convention on Climate Change

UNITED NATIONS PARIS CLIMATE AGREEMENT
SIGNING CEREMONY
22 APRIL 2016

Sendai Framework for Disaster Risk Reduction
2015 - 2030

UNITED NATIONS SUSTAINABLE DEVELOPMENT SUMMIT 2015
25 - 27 SEPTEMBER

TRANSFORMING OUR WORLD:
THE 2030 AGENDA FOR SUSTAINABLE DEVELOPMENT

THIRD INTERNATIONAL CONFERENCE
FINANCING FOR DEVELOPMENT
15-16 JULY 2017 | ADDIS ABABA - ETHIOPIA

Addis Ababa Action Agenda
of the Third International Conference on
Financing for Development
(Addis Ababa Action Agenda)

NEW URBAN AGENDA
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THE OCEAN CONFERENCE
UNITED NATIONS, NEW YORK, 5-9 JUNE 2017

ISLAND VOICES
GLOBAL CHOICES

UN Conference on Small Island Developing States
Apia, Samoa | 2014

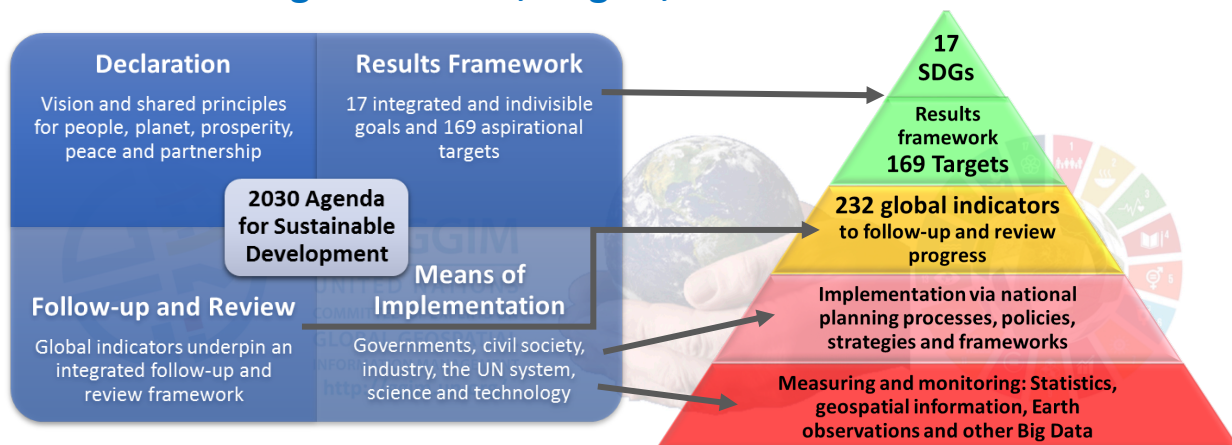
17 SUSTAINABLE DEVELOPMENT GOALS

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2030 Agenda: Goals, targets, indicators... and data!!



Any national SDG implementations will be sub-optimal without strategies and frameworks to integrate statistics, geospatial information, Earth observations, and other new data into the measuring, monitoring and reporting processes.



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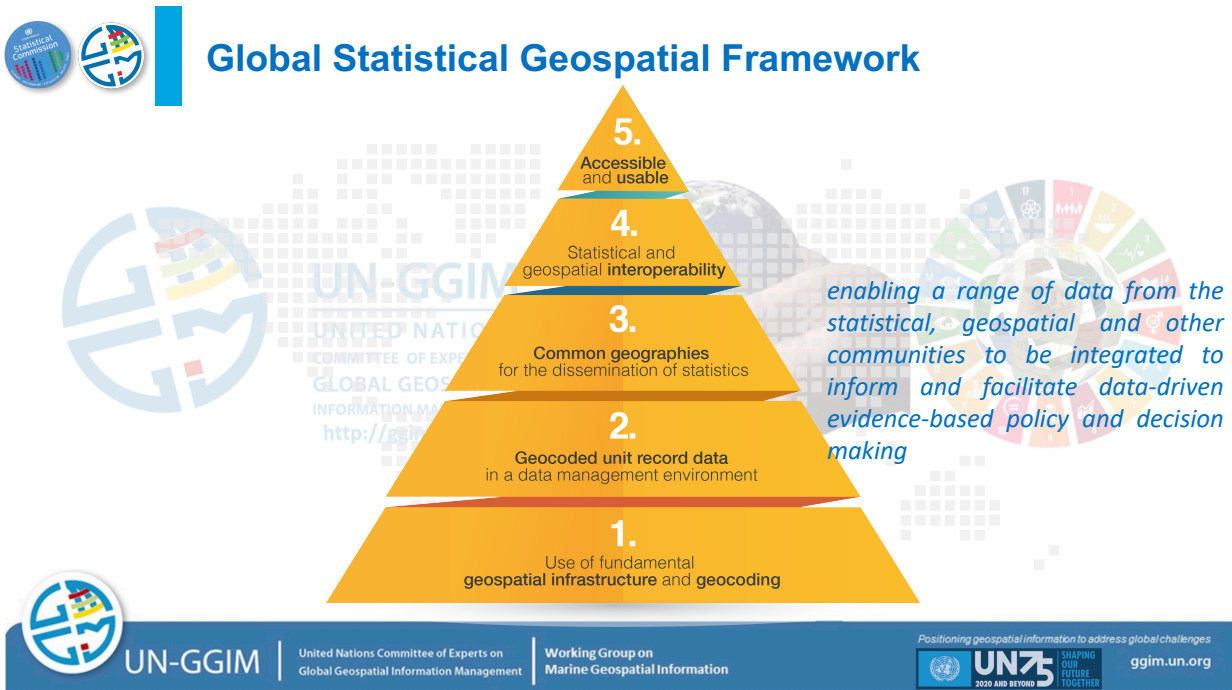


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Global Statistical Geospatial Framework



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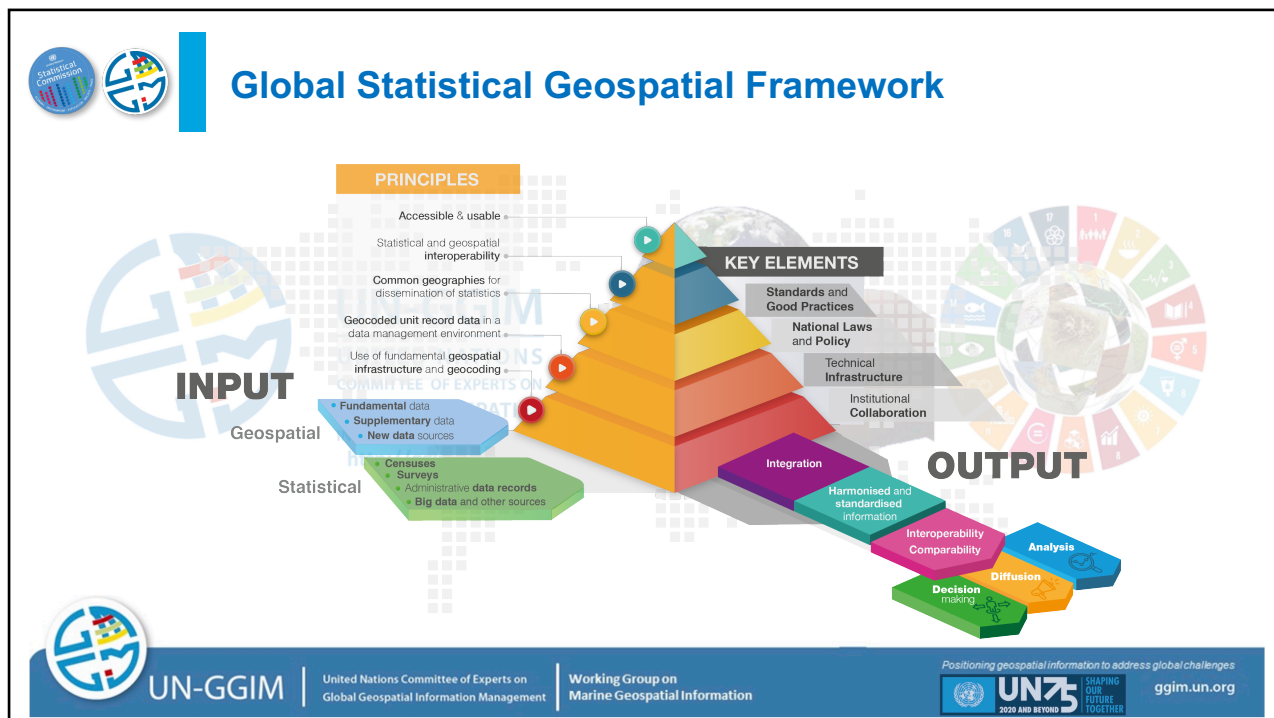
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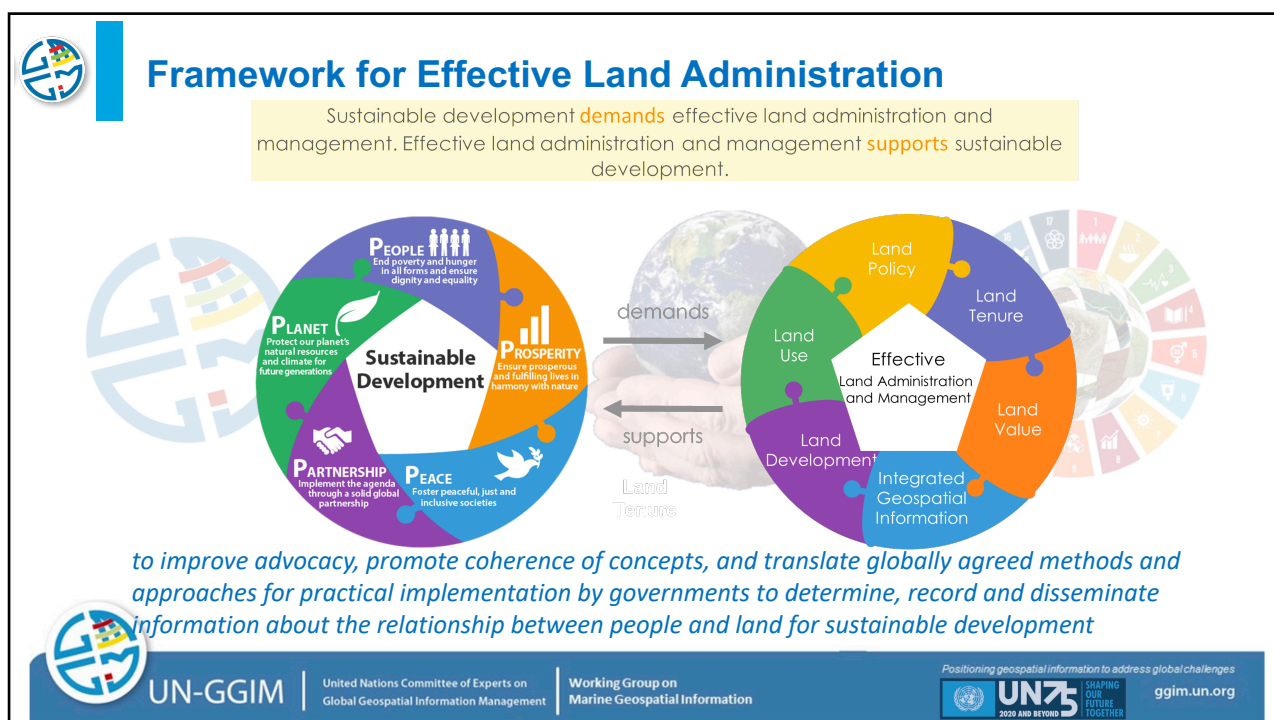
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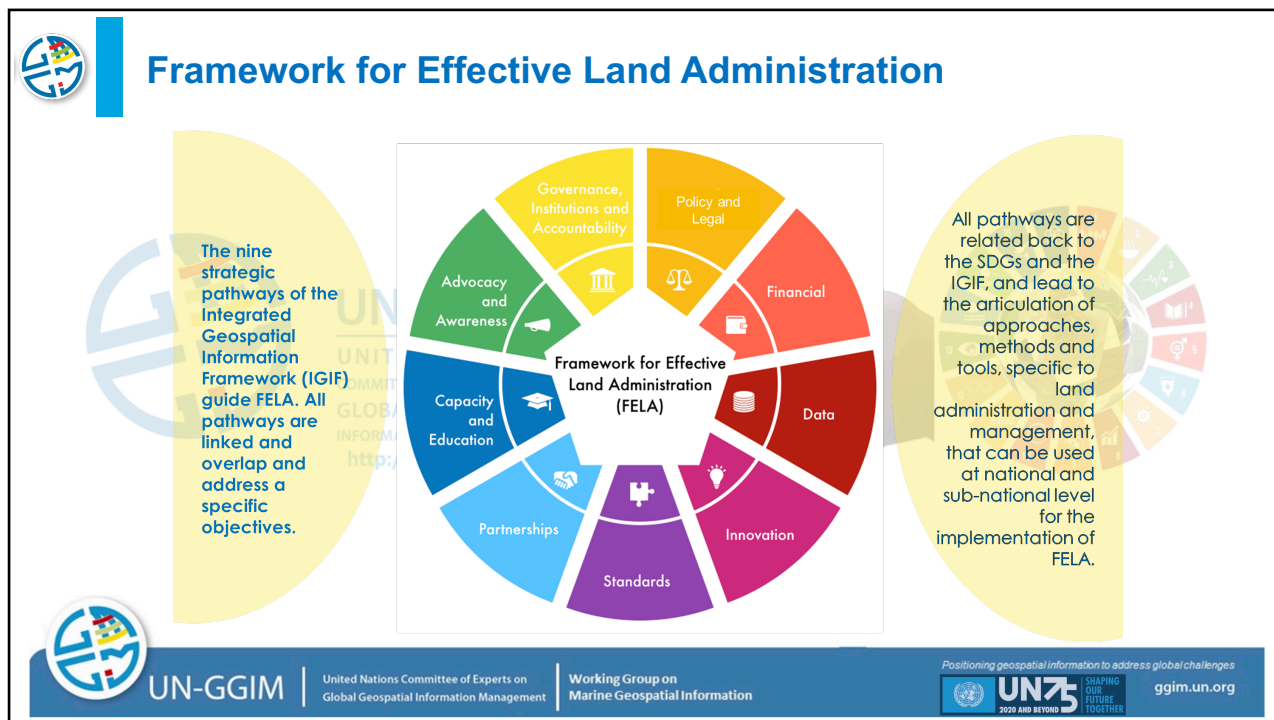
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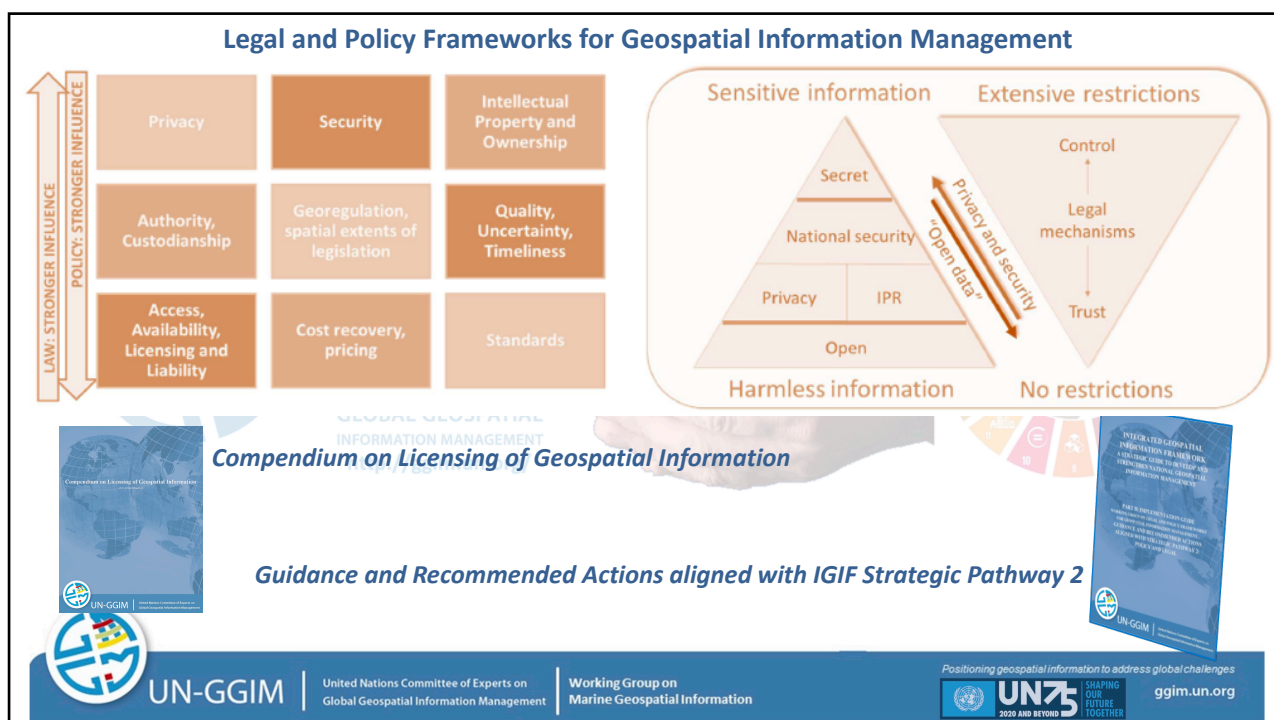
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General Assembly Resolution entitled "A global geodetic reference frame for sustainable development", A/RES/69/266

Measuring the planet

Through geodesy, we measure and define the Earth's shape, rotation and gravitational field and changes to these.

Geodesy is fundamental for monitoring changes to the Earth including the continents, ice caps, oceans and the atmosphere. Geodesy is also fundamental for mapping, navigation and universal timing.

Future Trends in Geospatial Information Management: the five to ten year vision

Trends in National Institutional Arrangements for Geospatial Information

Strategic Framework on Geospatial Information and Services for Disasters

Statement of Shared Guiding Principles for Geospatial Information Management

Global Fundamental Geospatial Data Themes

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STANDARDS SUPPORT FUNDAMENTAL GEOSPATIAL DATA WHICH SUPPORT THE DATA NEEDS OF SDGs

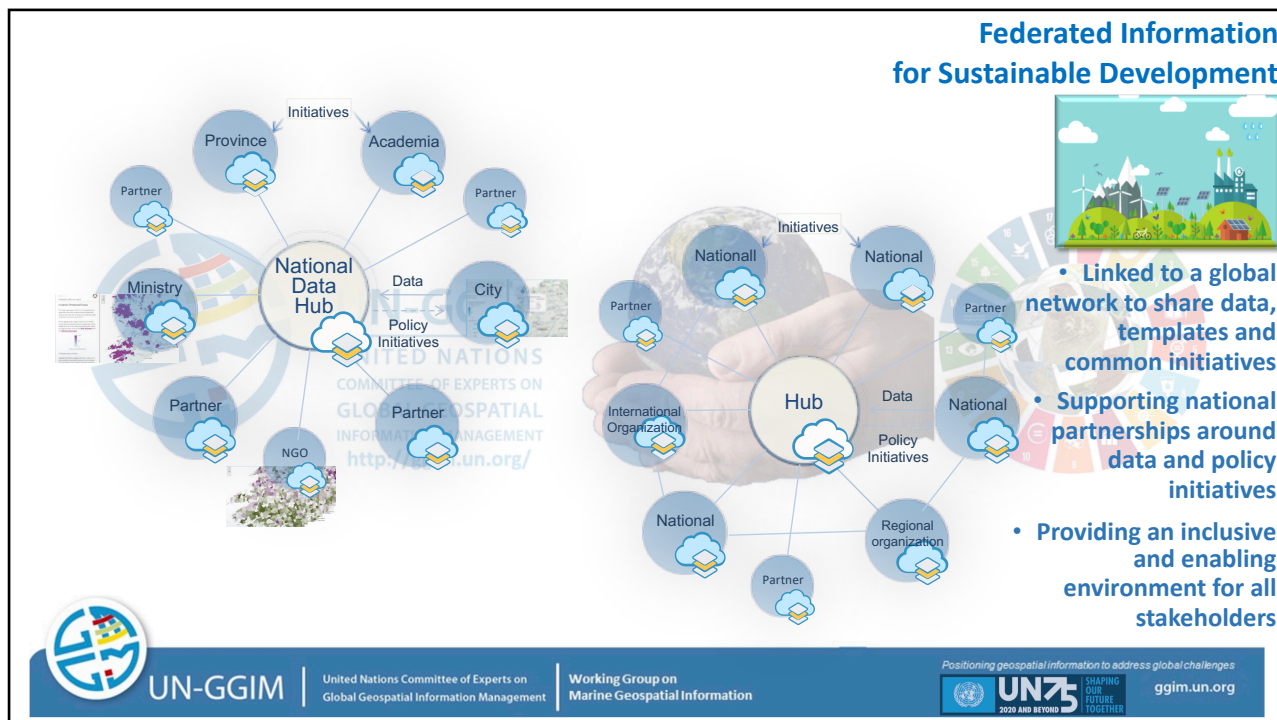
Standards Guides (updated August 2018)

A Guide to the Role of Standards in Geospatial Information Management

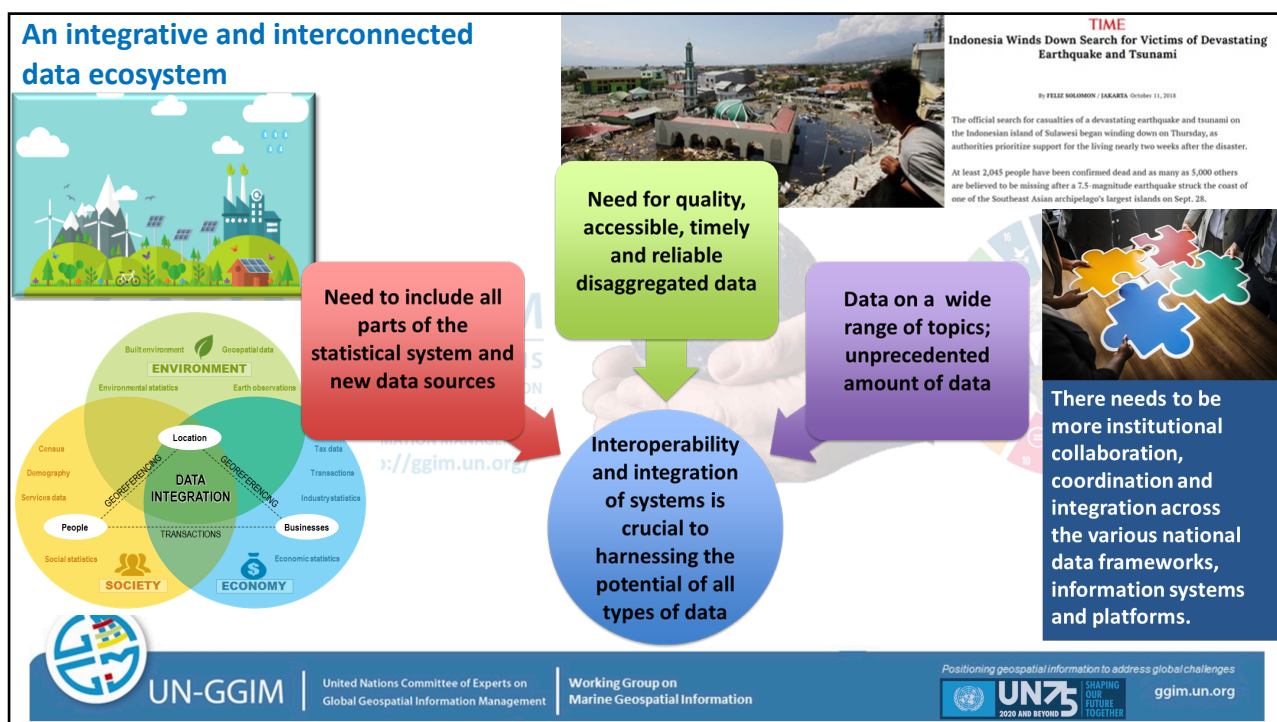
Companion document on Standards Recommendations by Tier Introduction

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The Integrated Geospatial Information Framework provides a basis and guide for developing, integrating and strengthening geospatial information management.

Overarching Strategic Framework
Why? Part 1

Implementation Guide
What? Part 2

Country-level Action Plans
How, when, who? Part 3

Geospatial information is a critical component of the national infrastructure and knowledge economy; a blueprint of what happens where, and the means to integrate a wide variety of government services.

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The **Integrated Geospatial Information Framework**, an overarching strategic framework that was adopted at the eighth session of the United Nations Committee of Experts on Global Geospatial Information Management (UN-GGIM). The Integrated Geospatial Information Framework provides a much needed basis, a reference and a mechanism for Member States when developing and strengthening their national and sub-national arrangements in geospatial information management and related infrastructures. The Framework translates high level policy concepts into practical implementation guidance for use by Member States, and does this by leveraging **seven (7) underpinning principles, eight (8) goals and nine (9) strategic pathways** as a means for governments to establish more effective geospatial information management arrangements.

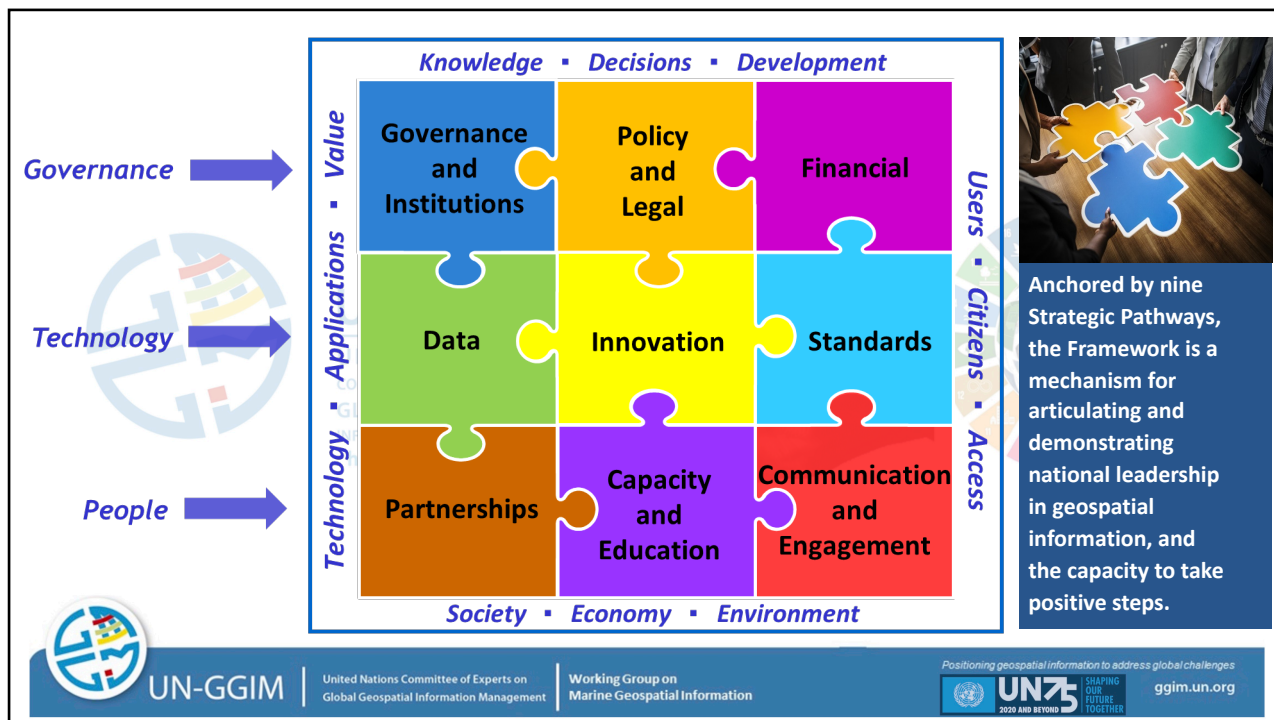
The nine strategic pathways guide governments towards implementing integrated geospatial information management in a way that will “*inform decision-making and ensure effective and inclusive national and sub-national programs that will chart the path towards the ‘Geospatial Way to a Better World’, to assist in the implementation of the SDGs, and transform our world for the better*” (António Guterres)

Anchored by nine Strategic Pathways, the Framework is a mechanism for articulating and demonstrating national leadership in geospatial information, and the capacity to take positive steps.

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