Strengthening National Geospatial Information Management

positioning geospatial information to effectively address global challenges

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United Nations Committee of Experts on
Global Geospatial Information Management

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- Private Sector Network
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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.
ECOSOC Resolution 2016/27

strengthening institutional arrangement in global geospatial information management

UN-GGIM Decision 7/101:

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

UN-GGIM Strategic Framework 2018–2022

UN-GGIM Decision 8/101:

... noted the updated 2018–2022 Strategic Framework as a reference point for coordination, coherence and prioritizing the work programmes and activities of the Committee;

UN-GGIM

Global Geospatial Information Management
The disruptive nature of digital transformation, technology, innovation, and their exponential impacts, means that society’s expectations on how, and at what level of detail, we record what is happening where and when are changing at a rapid pace.

While ‘data’ is still the primary information currency, the many disruptive technology enablers and applications are challenging the norm for the mission of national geospatial information authorities.

Geospatial information represents much more than the ‘digital map’ of a nation; it is the ‘digital currency’ for evidence-based decision-making. Geospatial information is a critical component of the national infrastructure; both a blueprint of what happens where, and the means to integrate a wide variety of data across multiple sectors.
The Integrated Geospatial Information Framework comprises 3 separate, but connected, documents. The Overarching Strategic Framework has been completed and adopted by UN-GGIM in August 2018. The structure and main elements of the Implementation Guide are developed and have ‘in-principle’ approval by UN-GGIM. The Country-level Action Plans are work in progress and being developed through case studies.

Overarching Strategic Framework

• A forward-looking Framework built on national needs and circumstances.
• Provides the overarching strategic messages and more expansive and integrated national framework, particularly focusing on policy perspectives and elements of geospatial information.
• Sets the context of ‘why’ geospatial information management is a critical element of national social and economic development.
• Vision and Mission statements communicate the overarching aim of the Integrated Geospatial Information Framework.
• It does this via 7 Underpinning Principles, 8 Goals and 9 Strategic Pathways that lead to a national approach that takes account of national circumstances, priorities and perspectives.
• The Overarching Strategic Framework is intended for a wide range of stakeholders – these primarily being high-level policy and decision makers, institutions and organizations within and across government.
The **Vision** recognizes the responsibility for countries to plan for and provide better outcomes for future generations, and our collective aspiration to ‘leave no one behind’.

The **Mission** is designed to stimulate action towards bridging the geospatial digital divide; to find sustainable solutions for social, economic and environmental development; and to influence inclusive and transformative societal change for all citizens according to national priorities and circumstances.

### Overarching Strategic Framework: Vision and Mission

**Vision**
The efficient use of geospatial information by all countries to effectively measure, monitor and achieve sustainable social, economic and environmental development - leaving no one behind.

**Mission**
To promote and support innovation and provide the leadership, coordination and standards necessary to deliver integrated geospatial information that can be leveraged to find sustainable solutions for social economic and environmental development.

### Underpinning Principles:

**PRINCIPLE 1: Strategic Enablement**

**PRINCIPLE 2: Transparent and Accountable**

**PRINCIPLE 3: Reliable, Accessible and Easily Used**

**PRINCIPLE 4: Collaboration and Cooperation**

**PRINCIPLE 5: Integrative Solution**

**PRINCIPLE 6: Sustainable and Valued**

**PRINCIPLE 7: Leadership and Commitment**

The seven Principles are the key characteristics and values that provide the compass for implementing the Framework, and allow for methods to be tailored to individual country needs and circumstances.
Overarching Strategic Framework: Goals

GOAL 1: Effective Geospatial Information Management
GOAL 2: Increased Capacity, Capability, and Knowledge Transfer
GOAL 3: Integrated Geospatial Information Systems and Services
GOAL 4: Economic Return on Investment
GOAL 5: Sustainable Education and Training Programs
GOAL 6: International Cooperation and Partnerships Leveraged
GOAL 7: Enhanced National Engagement and Communication
GOAL 8: Enriched Societal Value and Benefits

The eight Goals reflect a future state where countries have the capacity and skills to organize, manage, curate and leverage geospatial information to advance government policy and decision-making capabilities.

Overarching Strategic Framework: Strategic Pathways

• The Framework is anchored by 9 Strategic Pathways in 3 main areas of influence: Governance; Technology; and People.
• The objective of the Strategic Pathways is to guide governments towards implementing integrated geospatial information systems in a way that will deliver a vision for sustainable social, economic and environmental development.
• Each Strategic Pathway is augmented by specific objectives to assist countries in achieving the required results.
• The Strategic Pathways are presented as separate pieces of a jigsaw puzzle in recognition that there are many aspects and dimensions to each individual pathway, and that when joined together, the Framework is connected, integrated and implemented.
• Each of the 9 Strategic Pathways are explained in more detail, along with specific actions, in Part 2: Implementation Guide.
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.
The 9th session of the United Nations Committee of Experts on Global Geospatial Information Management, is scheduled to be held from 7 – 9 August 2019 at UNHQ New York

Strengthening national geospatial information management to support Member States implementing national strategic priorities for the wellbeing people, planet and prosperity, and to keep the promise to leave no one behind.

THANK YOU