

Key developments in UN-GGIM



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EUROPE**

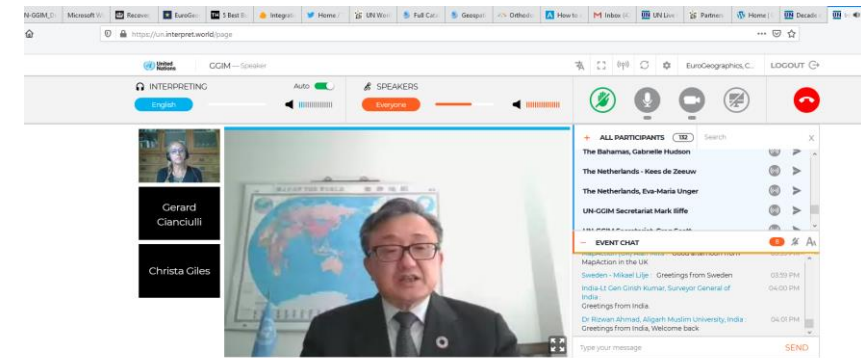
UNITED NATIONS
COMMITTEE OF EXPERTS ON
GLOBAL GEOSPATIAL
INFORMATION MANAGEMENT

Tomaž Petek, Chair UN-GGIM: Europe
EuroGeographics General Assembly Webinar
8 October 2020



Tenth session of UN-GGIM

- UN-GGIM ten year anniversary
- Virtual session organised as three two-hour sessions on the 26 – 27 August and the 4 September, with about 400-500 participants
- 12 agenda items were brought before the Committee of Experts, the majority for noting and information, a few were also for decision
- Ingrid Vanden Berghe (Belgium), elected co-chair of UN-GGIM



<http://ggim.un.org/meetings/GGIM-committee/10th-Session/>



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Strengthening of geospatial information management

- Adopted the **third edition of the report on Future Trends in Geospatial Information Management**: the five to ten year vision, developed through broad global consultation under the guidance and leadership of the UK
- Communicated the **geospatial response to the global COVID-19** pandemic, highlighting the critical need and value of geospatial information
- Initiated the process for the second United Nations World Geospatial Information Congress in 2022
- Supported the continuing efforts towards the establishment of a **Global Geospatial Knowledge and Innovation Centre** in Deqing, China



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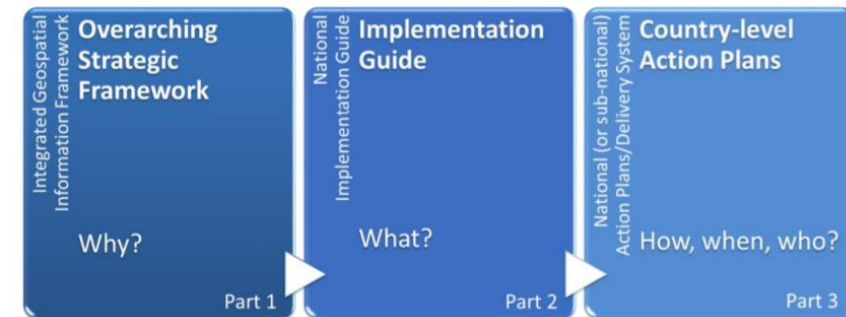
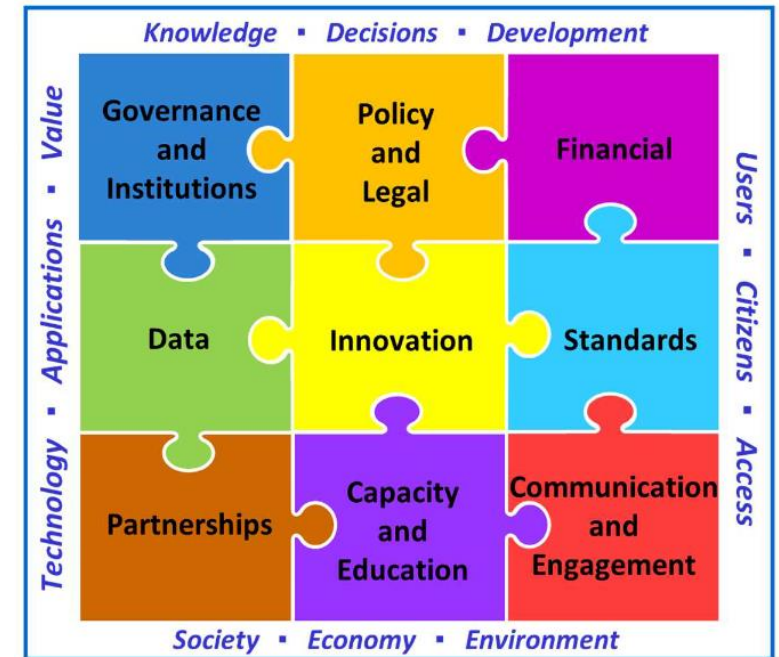
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Integrated Geospatial Information Framework

- Adopted the **Implementation Guide of the Integrated Geospatial Information Framework**, subject to further refinement and its finalisation
- Endorsed the establishment of a dedicated high-level group of experts to lead, coordinate and maintain the momentum of the IGIF

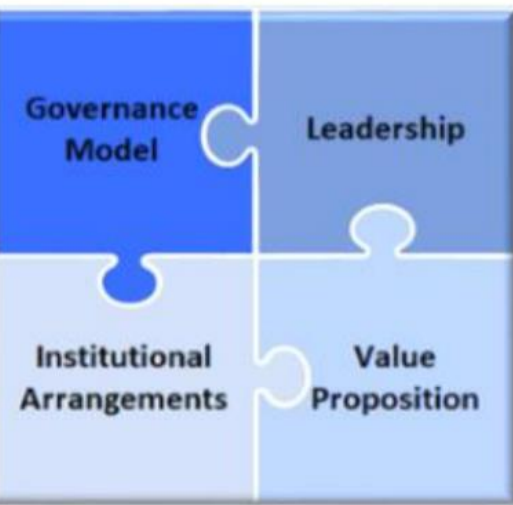
Note that much of Committee's work has been, or is being, aligned to the IGIF and its nine strategic pathways



Implementation Guide

What?

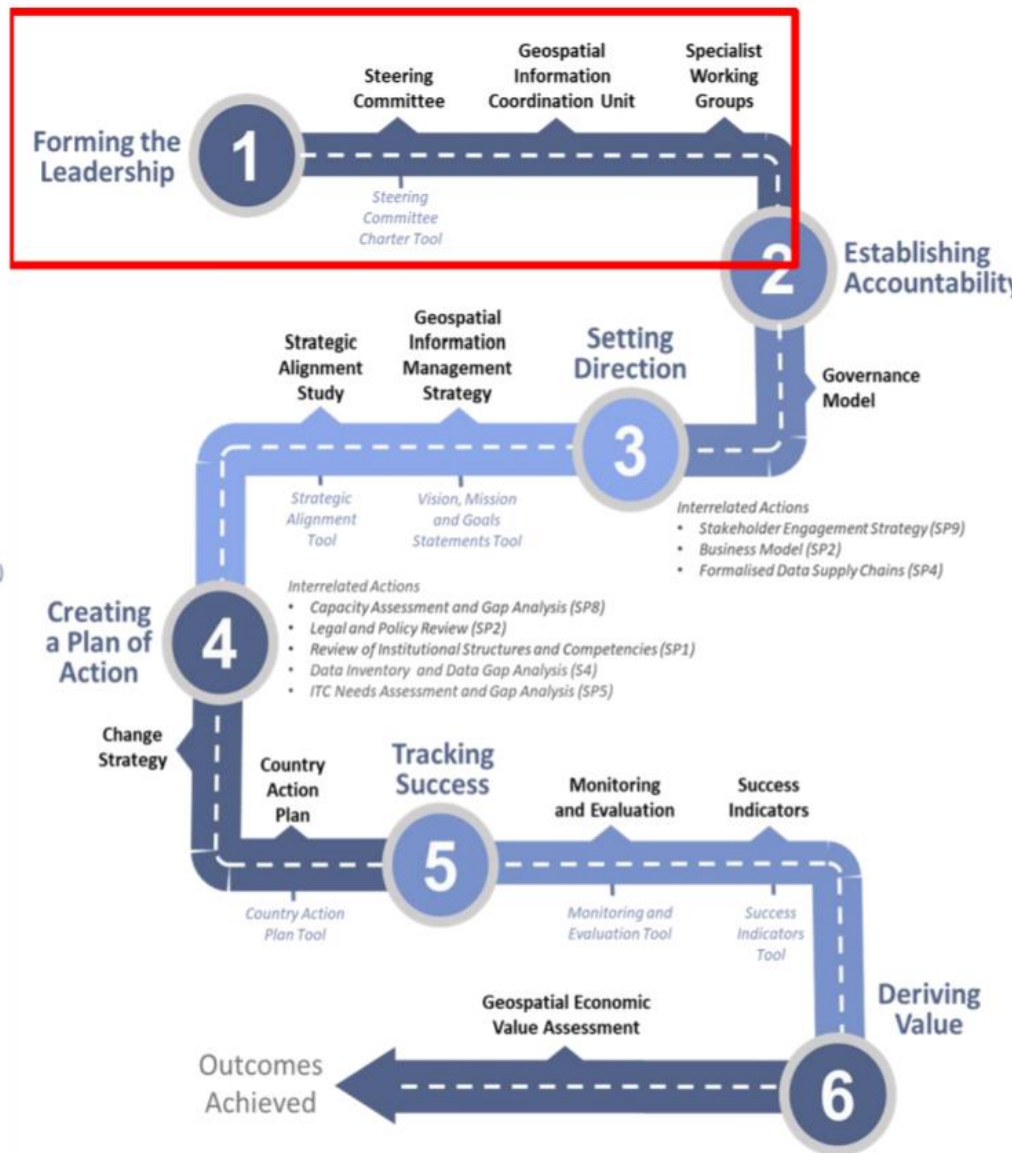
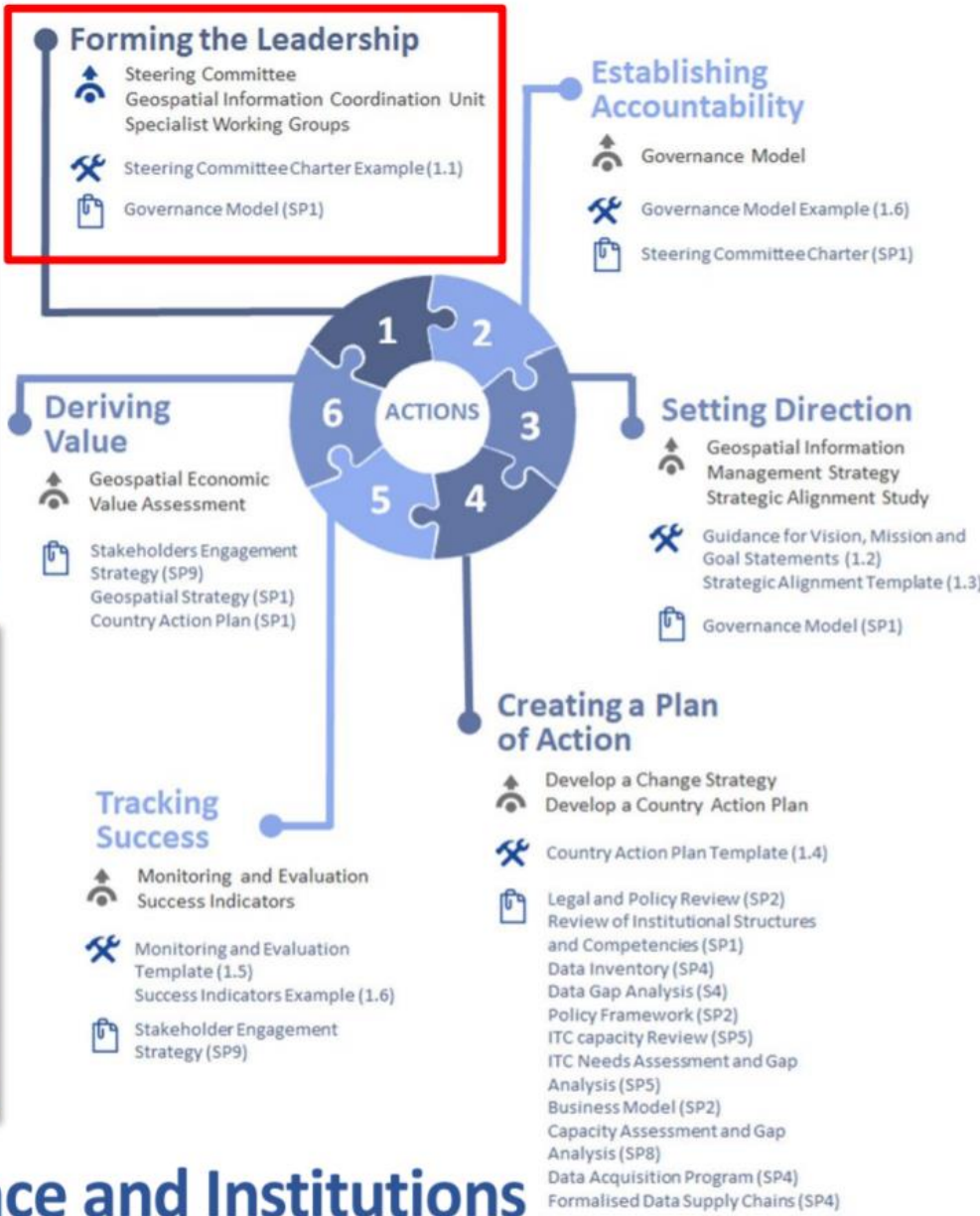
Part 2



Governance and Institutions

UN-GGIM

United Nations Secretariat
Global Geospatial Information Management



Positioning geospatial information to address global challenges

ggim.un.org

Strategic Pathway 1

Governance and Institution

This strategic pathway establishes the leadership, governance, institutional arrangements and a clear value proposition for multi-disciplinary and multi-sectoral participation in, and use of, achieving an Integrated Geospatial Information Framework.

The objective is to attain political endorsement, strengthen mandates and build a cooperative data sharing environment, shared vision and understanding of the value of an Integrated Information Framework, and the roles and responsibilities within the vision.

Summary

Geospatial information is increasingly being harnessed to integrate government functions and commercial services - making cities more livable, citizens more engaged and informed, and agriculture more productive. Traffic congestion, weather reports, air pollution, flood monitoring, flood sensors, and electricity outage app underpinned by geospatial information that can be synthesized into a knowledge environment so that information can be accessed and used to make informed decisions. For government this means streamlining processes, reducing costs and improving overall economic and social sustainability.

This level of geospatial capability can only be achieved through strong governance frameworks and with strong leadership that spans all sectors and through all levels of government. Institutions need to share information and work towards common strategic priorities.

By interconnecting government functions through well-functioning frameworks, it is possible to bring together geospatial information from various sources so that it can be used seamlessly on a computer, tablet or smartphone.

Good governance and cooperative institutional arrangements are a high priority in the geospatial information reform agenda. They address information challenges to be met head on, provide flexibility to respond to the rapidly changing environment, and the ability to embrace digital business participation within a culture of digital reform.

Common to all governance and institutional arrangements are the elements that are required to build a cooperative data sharing environment and an appreciation of the value of geospatial information for decision making.

Strategic Pathway 1: Governance and Institutions

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

People →



Part 2: Implementation Guide

Part 2 : Implementation Guide describes 'what' actions can be taken to strengthen geospatial information management. It is a reference resource that provides information for governments to design, plan, establish, implement and evaluate geospatial information frameworks in their country in such a way that transformational change is achieved. The Implementation Guide provides the specific guidance and options to be taken by countries in implementing the strategic pathways, it guides the user through the approach, content, rationale, options and considers sample outcomes for comparison.

- ▶ Solving the Puzzle [English](#)
- ▶ Strategic Pathway 1: Governance and Institutions [English](#) | [Appendices](#)
- ▶ Strategic Pathway 2: Policy and Legal [English](#) | [Appendices](#)
- ▶ Strategic Pathway 3: Financial [English](#) | [Appendices](#)
- ▶ Strategic Pathway 4: Data [English](#) | [Appendices](#)
- ▶ Strategic Pathway 5: Innovation [English](#) | [Appendices](#)
- ▶ Strategic Pathway 6: Standards [English](#) | [Appendices](#)
- ▶ Strategic Pathway 7: Partnerships [English](#) | [Appendices](#)
- ▶ Strategic Pathway 8: Capacity and Education [English](#) | [Appendices](#)
- ▶ Strategic Pathway 9: Communication and Engagement [English](#) | [Appendices](#)

Strategic Pathway 9

Communication and Engagement

This strategic pathway recognizes that stakeholder identification, engagement and strategic communication are essential to successful implementation of integrated geospatial information management arrangements nationally for sustainable social, economic and environmental development.

The objective is to ensure effective communication and engagement and deepen participation and contributions from all stakeholders and organizations. Commitment, mutual understanding, collaboration, cooperation, communication are essential to successfully implement the Integrated Information Framework within organizations and with stakeholders.

Summary

Communications and engagement develop and sustains effective, collaborative relationships with stakeholders. Successfully understanding and persuades stakeholders to invest in geospatial information and its application.

Communication and engagement raise awareness and advocacy within the community, businesses, professionals, decision makers and political leaders, relevance, contributions and benefits of integrated geospatial information management at all levels. It does so in the midst of rapidly changing social and economic outlooks and against a backdrop of many competing agendas.

Gaining political and fiscal recognition of the need for integrated geospatial information is a challenge faced from local to global levels. The development of an effective communication strategy and implementation plan cannot be achieved without ensuring a successful geospatial program. Adopting a strategic professional communications approach, telling inspiring and relevant stories, finding champions is not familiar terrain for the geospatial community but is absolutely critical. This strategic pathway aims to help address this challenge.

Common to all communication and engagement programs are four key elements that are required to build commitment, mutual understanding and collaboration between stakeholders to successfully implement the Integrated Information Framework. The four elements are:

- **Stakeholder and User Engagement** - identifies and develops relationships and alliances with advocates, partners, users and the public. Stakeholder and user engagement should be ongoing as interests and motivations are diverse and will continually evolve over time.
- **Strategic Messaging and Engagement** - seeks to develop the clear, succinct and compelling messages to all audiences and to engender initial buy-in and retain support during implementation.

Strategic Pathway 9: Communication and Engagement



Global geodetic reference frame

- Draft Position Paper on Sustaining the Global Geodetic Reference Frame and the draft **Concept Paper on Establishing a Global Geodetic Centre of Excellence**, both provided to the Committee for broader consultation
- Welcomed and supported the offer from the Federal Republic of Germany to establish and host a Global Geodetic Centre of Excellence at the United Nations Campus in Bonn, Germany



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Further highlights from GGIM10

- Adopted the Framework for Effective Land Administration (FELA)
- Developing a Geospatial Roadmap for the Sustainable Development Goals
- Revised Terms of Reference and implementing the Strategic Framework on Geospatial Information and Services for Disasters
- Developed a new work plan for the period 2020 – 2022, implementing stage of the Global Statistical Geospatial Framework
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- Commended the white paper on legal aspects of the availability of geospatial information and encouraged additional legal considerations, including authoritative data, geospatial data for public good



Report to ECOSOC in 2021

- On 27 July 2016, the Economic and Social Council (ECOSOC) adopted a draft resolution to "**Strengthening institutional arrangements on geospatial information management**"
- ECOSOC requested that the Committee of **Experts report back no later than in 5 years' time** on its continued efforts to integrate geospatial and statistical information systems
- The report needs to articulate the business case for UN-GGIM, within the context of the Agenda 2030 SDGs and the Covid-19 crisis



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Annual Regional Session



- Held the Seventh UN-GGIM: Europe Plenary June 2020 overlapping with the 68th Plenary Session of the Conference of European Statisticians as a virtual event with participation from 34 Member states and 11 International Originations
 - Approved the UN-GGIM: Europe Work Plan 2020 – 2023
 - Confirmed nominations to the UN-GGIM: Europe Executive Committee
- Session included practical examples of how National Statistical and Geospatial Agencies have risen and responded in their national response to the Covid-19 crisis. The pandemic has reinforced the importance of connecting people and place.

<https://un-ggim-europe.org/past-meetings/plenary-meetings/seventh-plenary-un-ggim-europe-june-2020/>



Implementing the UN-GGIM: Europe work plan

- Working Group on Core Data:
 - Propose recommendations for content for core data, based on user needs and requirements, especially those related to SDGs, and on INSPIRE data specifications
- Working Group on Data Integration:
 - Analysis of further SDG indicators with focus on environmental issues
 - Collection of “Data Integration Methods” to enhance and promote data integration in general
 - Tackling as an Advisory Group to serve data integration activities and projects of the United Nations and the European Commission



Collaboration with UNECE

The UNECE Secretariat and the Executive Committee of UN-GGIM: Europe have a collaboration agreement focusing on:

- Geospatial information for sustainable development
- Building networks and promoting communication
- Integration of geospatial, statistical and other information
- Capacity building
- Involvement of other UNECE work programmes
- Cross-representation in the activities of the other body
- Reporting on progress / work accomplished



The collaboration agreement will expire at the end of the year, and the UNECE Secretariat and the Executive Committee of UN-GGIM: Europe are in the process of renewing it.



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Future Events

UN-GGIM: Europe plans to participate actively in the following future events:

- European Forum for Geography and Statistics Conference, 20 – 21 October 2020 – virtual event
- 11th Iberian Spatial Data Infrastructure Conference, 26 – 30 October
- Seventh Joint UN-GGIM: Europe-UNECE-ESS Meeting, Luxembourg City, Luxembourg – back to back with the GISCO WG on 23 - 24 March 2021
- INSPIRE Conference, 07-09 September 2021, Dubrovnik Croatia
- Eight Plenary Meeting of UN-GGIM: Europe, Spring 2021 (details to be confirmed)



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Thank you!

<https://un-ggim-europe.org/>



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