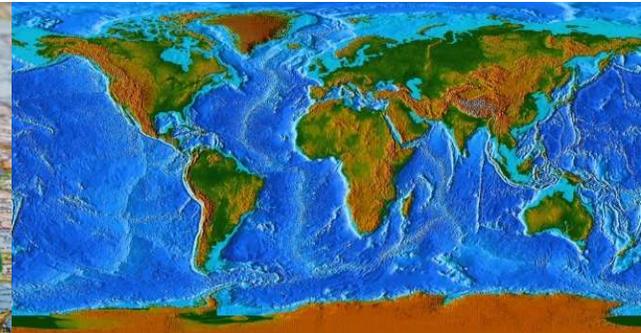


Transforming our world -
The 2030 Agenda for
Sustainable Development



Fifth meeting of the Expert Group on Land Administration and Management Agenda item #3: Reports, highlights, updates and considerations

Report of the Secretariat

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United Nations Committee of Experts on
Global Geospatial Information Management

EXPERT GROUP ON
LAND ADMINISTRATION AND MANAGEMENT

FIFTH MEETING
8 - 11 APRIL 2024, AGUASCALIENTES, MEXICO

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Functional Groups reporting to the Committee of Experts



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UNITED NATIONS
COMMITTEE OF EXPERTS ON
GLOBAL GEOSPATIAL
INFORMATION MANAGEMENT

High-level Group of the Integrated Geospatial Information Framework (HLG-IGIF)

Subcommittee on Geodesy

Expert Group on the Integration of Statistical and Geospatial Information

Expert Group on Land Administration and Management

Working Group on Geospatial Information and Services for Disasters

Working Group on Policy and Legal Frameworks for Geospatial Information Management

Working Group on Marine Geospatial Information

Task Team on Geospatial Information for Climate Resilience

Writing Team on the Future Geospatial Information Ecosystem

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



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Bureau:

Co-Chairs: Belgium, Cote d'Ivoire, Mexico

Rapporteur: Morocco

Regional Committees & Chairs:

- Africa: South Africa
- Americas: Chile
- Arab States: Saudi Arabia
- Asia and the Pacific: Indonesia
- Europe: Netherlands and United Kingdom

Thematic Networks:

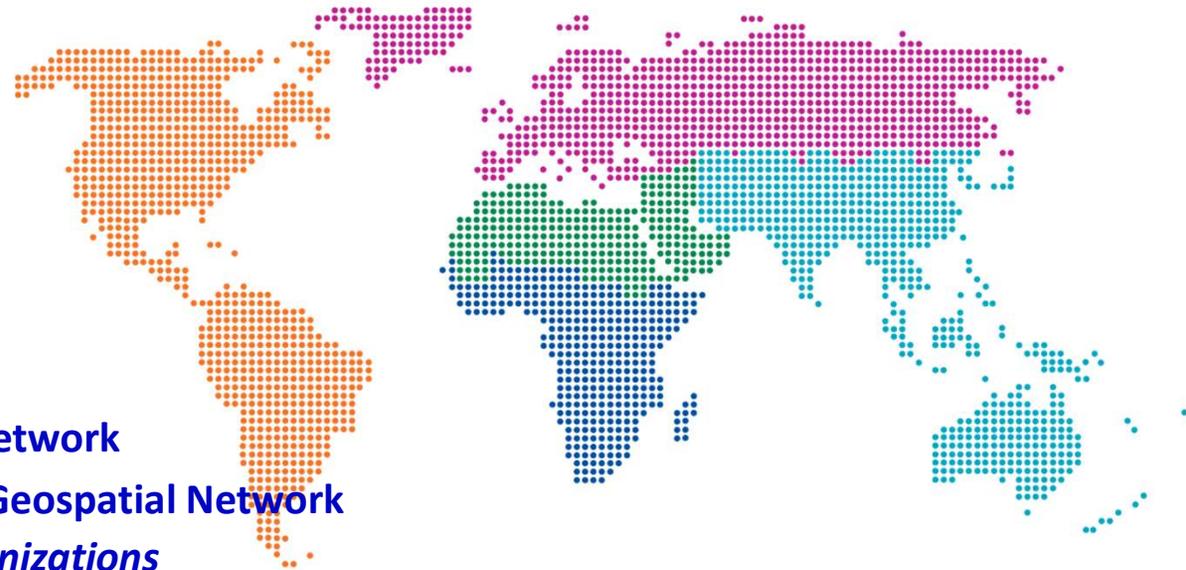
- Academic Network
- Private Sector Network
- Geospatial Societies
- United Nations Geospatial Network

International Standards Development Organizations

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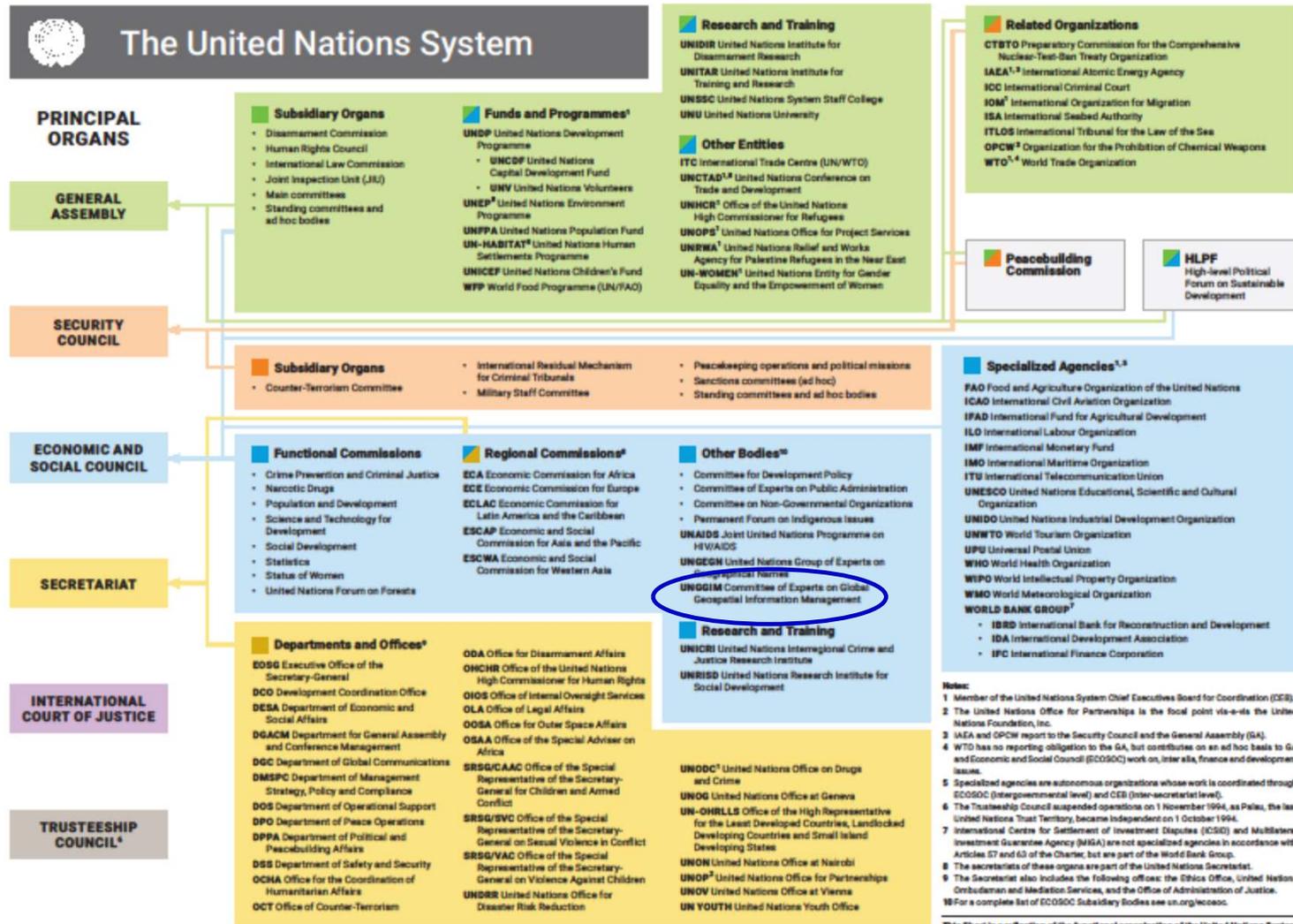
Resolution adopted by the Economic and Social Council on 22 July 2022

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

2022/24. Enhancing global geospatial information management arrangements

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;

(E/RES/2022/24)



Programme of Work of the Committee of Experts

- ✓ Operations focused on SDGs and UN-IGIF (E/RES/2022/24)
- ✓ Convene global forums and promote comprehensive dialogue
- ✓ Coordination and coherence
- ✓ Consultative and consensus driven frameworks, norms, principles and guides
- ✓ Annual sessions



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 build and strengthen national capacity concerning geospatial information



Meeting of the Expanded Bureau of the Committee of Experts

- 22 – 26 January 2024
- Aguascalientes, Mexico

Fourteenth Session of the Committee of Experts on Global Geospatial Information Management

- 7 – 9 August 2024
- UNHQ, New York

Seventh High-level Forum on United Nations Global Geospatial Information Management

- 8 – 10 October 2024, Mexico City (including Eleventh plenary meeting of UN-GGIM: Americas)

Third Plenary Meeting of the High-level Group of the Integrated Geospatial Information Framework

- 22 – 26 January 2024
- Aguascalientes, Mexico

Second expert meeting of the Working Group on Policy and Legal Framework for Geospatial Information Management

- 20 – 22 February 2024
- Brussels, Belgium

Sixth expert meeting of the Working Group on Marine Geospatial Information

- 4 – 8 March 2024
- Indonesia
- International Seminar

Fourth Plenary Meeting of the Subcommittee on Geodesy (back to back with the 2nd meeting of the UN-GGCE: IAC)

- 18 – 21 March 2024
- Bonn, Germany

Fifth meeting of the Expert Group on Land Administration and Management

- 8 – 11 April 2024
- Aguascalientes
- International Seminar

Expert Group Meeting on the Integration of Statistical and Geospatial Information/Expert meeting of the IAEG-SDGs Working Group on Geospatial Information

- September 2024
- Nairobi (UNON), Kenya

Expert meeting of the Working Group on Geospatial Information and Services for Disasters

- Date and host/venue to be decided



Global Development Frameworks

Global Geospatial Frameworks

2030 AGENDA FOR SUSTAINABLE DEVELOPMENT



INTEGRATED GEOSPATIAL INFORMATION FRAMEWORK (IGIF)

Sendai Framework for Disaster Risk Reduction 2015-2030

Paris Agreement on Climate Change

Strategic Framework on Geospatial Information and Services for Disasters

Global Statistical Geospatial Framework (GSGF)

Framework for Effective Land Administration (FELA)

Operational Framework for Integrated Marine Geospatial Information Management (UN-IGIF-Hydro)

SAMOA Pathway for SIDS
Addis Ababa Action Agenda
Habitat III New Urban Agenda
Our Ocean, Our Future: Call for Action

Global Fundamental Geospatial Data Themes
Global Geodetic Reference Frame (GGRF)
National Institutional Arrangements in Geospatial Information Management
Role of Standards in Geospatial Information Management
Compendium on Licensing of Geospatial Information
Statement of Shared Guiding Principles for Geospatial Information Management
Future Trends in Geospatial Information Management Reports
SDGs Geospatial Roadmap



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In 2022, the Committee of Experts transmitted to ECOSOC its final report, pursuant to resolution [E/RES/2016/27](#) on strengthening institutional arrangements on geospatial information management ([E/2022/68](#)) entitled 'Enhancing global geospatial information management' in June 2022. The comprehensive report described the process of 'transition' marking the Committee's work, starting with an initial five-year period (2012 – 2016) on **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.**



United Nations

Committee of Experts on Global Geospatial Information Management

Report on the thirteenth session
(2–4 August 2023)

Economic and Social Council
Official Records, 2024
Supplement No. 26



Report of the Committee of Experts on its thirteenth session

On 26 October 2023, the Economic and Social Council

- (a) Took note of the report of the Committee of Experts on Global Geospatial Information Management on its thirteenth session (E/2024/46);
- (b) Decided that the fourteenth session of the Committee of Experts shall be held at United Nations Headquarters in New York from 7 to 9 August 2024;
- (c) Approved the provisional agenda and documentation for the fourteenth session of the Committee of Experts

Economic and Social Council decision 2024/303

<https://ggim.un.org/meetings/GGIM-committee/13th-Session/documents/>



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REPORT OF THE COMMITTEE OF EXPERTS ON ITS THIRTEENTH SESSION

Provisional agenda of the fourteenth session of the Committee of Experts on Global Geospatial Information Management

1. *Election of officers.*
2. *Adoption of the agenda and other organizational matters.*
3. *Enhancing global geospatial information management arrangements.*
4. *Contribution of regional committees to the global geospatial information agenda.*
5. *Contribution of thematic networks to the global geospatial information agenda.*
6. *The future geospatial information ecosystem.*
7. *United Nations Integrated Geospatial Information Framework.*
8. *Global geodetic reference frame.*
9. *Geospatial information for sustainable development.*
10. *Geospatial information for climate and resilience.*
11. *Integration of geospatial, statistical and other related information.*
12. *Integrated geospatial information for effective land administration and management.*
13. *Integrated marine geospatial information.*
14. *Policy and legal frameworks, including issues related to authoritative data.*
15. *Implementation and adoption of standards for the global geospatial information community.*
16. *Collaboration with the United Nations Group of Experts on Geographical Names.*
17. *Programme management report.*
18. *Provisional agenda and dates of the fifteenth session.*
19. *Report of the Committee of Experts on its fourteenth session.*



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Decision 13/109

Application of geospatial information related to land administration and management



The Committee of Experts on Global Geospatial Information Management:

- (a) Welcomed the report of the expert group on land administration and management (see E/C.20/2023/13) and the consideration of an inventory of issues that was reflected in the updated workplan of the expert group for the period 2023–2025, and in that regard appreciated the continuing focus on communicating, promoting and raising awareness of the merits and benefits of effective land administration;
- (b) **Reiterated** that the Framework for Effective Land Administration was an important element of the work of the Committee of Experts and provided a valuable step forward in assisting and guiding Member States when developing, reforming, strengthening and modernizing effective and efficient land administration;
- (c) **Encouraged** the expert group to work through its identified inventory of issues and to consider the roles of effective land administration in the area of climate change and the integration of the terrestrial, maritime and cadastral domains, including through collaborative activities with partnering international organizations;
- (d) Noted the expert group workplan for the period 2023–2025 with its five defined areas of focus, and emphasized that the implementation of the Framework for Effective Land Administration at the country level must be according to national circumstances and needs, and **urged** the expert group to further consider the alignment between the United Nations Integrated Geospatial Information Framework, the Operational Framework for Integrated Marine Geospatial Information Management and the Framework for Effective Land Administration, and that those Frameworks should not exist in isolation;



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- (e) Also **noted** the intended considerations on the integration of terrestrial, maritime, built and cadastral domains, and **encouraged** the expert group to collaborate with relevant international organizations as well as functional groups of the Committee of Experts, including the working group on marine geospatial information, and to include consideration for the land/sea interface and its technical complexities;
- (f) **Urged** the expert group to continue to collaborate with the United Nations Global Geospatial Information Management regional committees and thematic networks to raise awareness and advocate for national and subnational implementation of the Framework for Effective Land Administration, together with the United Nations Integrated Geospatial Information Framework, and the role of effective land administration and management, and to consider a special effort towards the strengthening of the capacities of small island developing States and African Member States to better mainstream land management information systems into the plans, strategies and policies of their national digital economies;
- (g) Appreciated the efforts to continue fostering volunteered translation of the Framework for Effective Land Administration into various languages so as to facilitate broader understanding and engagement with the Framework across diverse linguistic communities;
- (h) Noted the renaming of the agenda item to “Integrated geospatial information for effective land administration and management” and the intention of the expert group to convene its next meeting, together with an international seminar on effective land administration, in Mexico in April 2024, in collaboration with a number of regional cadastral organizations, and encouraged Member States and relevant organizations to participate.



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TASK TEAM ON GEOSPATIAL INFORMATION FOR CLIMATE RESILIENCE



The co-Convenors of the Task Team are:

David McCollin, **Barbados**, Viliami Folau, **Tonga** and David Henderson, **United Kingdom**.

Members of the Task Team are:

Argentina, Australia, Austria, Bahamas, Barbados, Brazil, Canada, Chile, Ethiopia, Germany, Mexico, Mozambique, Nepal, Singapore, South Africa, Tonga, Turkey, United Kingdom, and United States of America

The primary aim of the Task Team is to strengthen interlinkages between geospatial, statistical, climate and other relevant communities and organizations of the United Nations system. It will achieve this by developing a detailed concept paper that expands on the relevant initiatives, activities and frameworks under the purview of the Committee of Experts, identifying how these resources relate to geospatial information for climate resilience.



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WRITING TEAM ON THE FUTURE GEOSPATIAL INFORMATION ECOSYSTEM

In making decision 13/104, the Committee of Experts supported the proposals to progress the option to “entrust the Bureau, supported by a writing team, with developing a position paper on determining the scope and an outline on the fundamental elements and principles of the future geospatial information ecosystem for the consideration of the Committee of Experts at its Fourteenth Session, and welcomed the multiple offers by Member States to support the Bureau”.

The aim of the Writing Team is to prepare a position paper on determining the scope and an outline on the fundamental elements and principles of the future geospatial information ecosystem.

Members of the Writing Team are:

Australia, Belgium, Canada, Chile, Colombia, Cote d’Ivoire, Denmark, Mexico, Morocco, Saudi Arabia, South Africa, UN-GGIM Geospatial Societies, and UN-GGIM Private Sector Network



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UNITED NATIONS GLOBAL GEODETIC CENTRE OF EXCELLENCE (UN-GGCE)
UN CAMPUS, BONN, GERMANY



The Overarching Goal of the United Nations Global Geodetic Centre of Excellence 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.

The objective of the Centre is to support the implementation of General Assembly resolution 69/266 through strengthening and advancing: global geodetic cooperation and coordination; worldwide geodetic infrastructure; standards, policies and conventions; education, training and capacity building; and communication and awareness, while also coordinating measures and overseeing their implementation.

Stronger . Together



Mr. Nick Brown assumed the position as the Head of Office,
UN-GGCE at the UN Campus in Bonn
on 5 October 2023.

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



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



The Overarching Goal is to develop and promote the required innovation, leadership, coordination, and standards 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, Member States will have the ability to integrate and deliver national geospatial information policy, data, systems, services and capabilities into national government development policies, strategies, and arrangements. The **objective of the Centre** is to strengthen and advance the geospatial information management capacity development capabilities of Member States.

Mr. Pengde Li assumed the position as the Head of the UN-GGKIC in Deqing on 16 October.



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The Bureau, at its meeting with its expanded bureau on 24 January 2024 in Aguascalientes, requested functional groups of the Committee of Experts to:

DIVERSITY, EQUITY AND INCLUSION

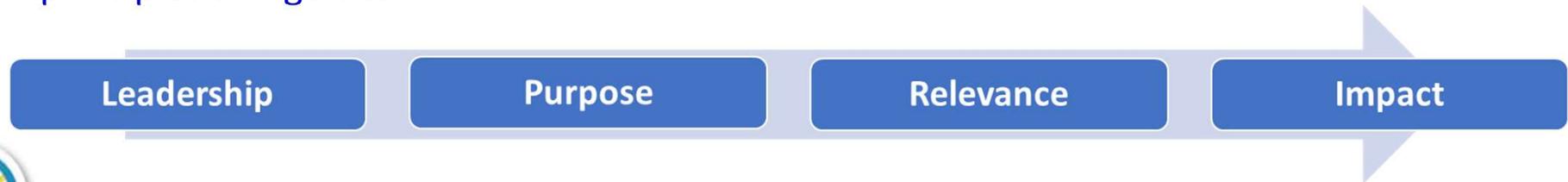
- include Diversity, Equity and Inclusion (DEI) in its work and activities

TIMELINESS OF REPORTING TO THE FOURTEENTH SESSION

- Functional groups were reminded to prepare and submit their reports on time. Reports that are late will not be brought before the Committee of Experts for consideration.

IMPLEMENTATION

- focus on implementation, to develop and provide the needed guidance sought by Member States, the “how” to allow them to operationalize the adopted frameworks, norms, principles and guides.



GEOSPATIAL INFORMATION FOR CLIMATE AND RESILIENCE



The Bureau, at its meeting with its expanded bureau in Aguascalientes on 24 January, noted –

Climate - Climate is the average weather conditions for a particular location over a long period of time, ranging from months to thousands or millions of years (World Meteorological Organisation, 2024).

Climate change - A change of climate which is attributed directly or indirectly to human activity that alters the composition of the global atmosphere and which is in addition to natural climate variability observed over comparable time periods (United Nations Framework Convention on Climate Change, 1992).

Resilience - The ability of a system, community or society exposed to hazards to resist, absorb, accommodate, adapt to, transform and recover from the effects of a hazard in a timely and efficient manner, including through the preservation and restoration of its essential basic structures and functions through risk management (United Nations Office for Disaster Risk Reduction, 2015).

As outlined by the Centre for Climate and Energy Solutions, building resilience requires understanding of the potential threats and vulnerabilities caused by an event or hazard, as well as an understanding of the likelihood, impact and consequences of it. Threats are potential actions that may cause damage or danger, whereas vulnerability is the degree of exposure to potential damage from the threat if it is to occur (Centre for Climate and Energy Solutions, 2019).

Resilience is interlinked - Climate resilience, disaster resilience and ecological resilience are closely interlinked and, in many cases, will require similar data to assess risk and vulnerability and inform decision-making.



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GEOSPATIAL INFORMATION FOR CLIMATE AND RESILIENCE

Observation: Creating separate streams under a new agenda item for the Committee of Experts to discuss ‘climate’ and ‘resilience’ at future sessions could be useful to strengthen coordination and coherence of the UN-GGIM’s climate-related work.

- This should help to improve coordination and coherence, identify synergies across work programs, frameworks and functional groups, and address any duplication of efforts.
- Considering common data needs with a view to ‘map once, use many times’ would be useful.

Observation: Taking a ‘joined up’ approach to resilience under the Committee presents an opportunity to identify common data needs across this work and potentially reduce duplication of effort.

- Climate resilience, disaster resilience and ecological resilience are linked and, in many respects, require similar data to assess risk and vulnerability.
- A joined-up approach creates an avenue to consider the intersection between geospatial information and ‘resilience’ more wholistically – including societal and economic resilience.
- A joined-up approach provides an avenue to share information across sectors and develop shared goals, aims and objectives to support the identification of risks, threats and vulnerabilities of both natural and human-induced hazards.



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A/78/L.49



General Assembly

Distr.: Limited
11 March 2024

Original: English

Seventy-eighth session
Agenda item 13

Integrated and coordinated implementation of and follow-up
to the outcomes of the major United Nations conferences and
summits in the economic, social and related fields

Albania, Argentina, Australia, Bahamas, Belgium, Brazil, Bulgaria, Cabo Verde, Canada, Chile, Côte d'Ivoire, Croatia, Czechia, Denmark, Djibouti, Dominican Republic, Equatorial Guinea, Estonia, Fiji, Finland, France, Georgia, Germany, Greece, Ireland, Israel, Italy, Japan, Jordan, Kenya, Liberia, Luxembourg, Maldives, Montenegro, Morocco, Netherlands (Kingdom of the), New Zealand, North Macedonia, Peru, Republic of Korea, Romania, Serbia, Sierra Leone, Singapore, Slovakia, Slovenia, South Africa, Spain, Sweden, Türkiye, United Arab Emirates, United Kingdom of Great Britain and Northern Ireland, United States of America, Uzbekistan and Zambia.*

Seizing the opportunities of safe, secure and trustworthy artificial
intelligence systems for sustainable development
draft resolution

The General Assembly,
Reaffirming international law, in particular the Charter of the United Nations,
and the Universal Declaration of Human Rights,¹

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At the Seventh-eighth Session, 63rd meeting (21 March 2024), the General Assembly resolved to bridge the artificial intelligence (AI) and other digital divides between and within countries and promote safe, secure and trustworthy AI systems to accelerate progress towards the full realization of the 2030 Agenda for Sustainable Development, adopted a resolution ***“Seizing the opportunities of safe, secure and trustworthy artificial intelligence systems for sustainable development”***



Three interconnected parts



Geospatially related artificial intelligence system:

- An emerging scientific discipline that combines innovations in geospatial science and technologies, artificial intelligence algorithms and methods in machine learning (e.g., deep learning), data mining, and high-performance computing to extract insights from geospatial information for sustainable real-world solutions.
 - Provides useful advantages for modelling, e.g., the environment, with its ability to incorporate large volume of geospatial and temporal information in a multitude of formats, computational efficiency, flexibility in algorithms and workflows towards more sustainable real-world solutions.



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Three interconnected parts



Artificial intelligence In geospatial information management

- A wide range of applications for Artificial Intelligence, including:
 - Data analytics and interpretation
 - Predictive analytics
 - Extracting geospatial and land information from unstructured data
 - Routing and navigation
 - Quality control
 - Etc.
- Can be used in a number of applications, including:
 - Urban planning
 - Land administration and management
 - Disaster response
 - Precision agriculture
 - Land use and zoning
 - Etc.

Three interconnected parts



Impact of Artificial Intelligence Laws and Regulations on the Geospatial Community

- More laws and regulations are guaranteed
 - How Artificial Intelligence is defined will be critical
- Demand for greater transparency
- Will require policies and procedures for the entire Artificial Intelligence system, e.g., training data, models, outputs, etc.
- Will require input from a variety of stakeholders (i.e., technical, operational, legal, human resources, etc.)

Observation:
Will have a significant impact on future geospatial information management

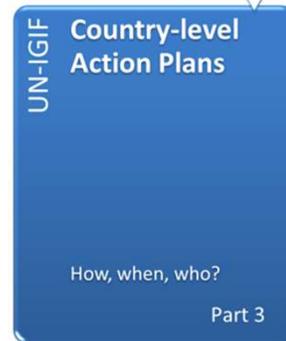
Three interconnected parts



Impacts on Future Geospatial Information Management

Some observations:

- Growing demand for clear regulatory frameworks to address privacy, safeguards and security, and responsible use related to artificial intelligence enabled geospatial technologies, products and services.
- Incorporating responsible governance and mechanisms into the design, development and deployment of related geospatial technologies, processes and services, and their usefulness for ALL.
- Public-private partnerships including embracing volunteered data may play a critical role in driving innovation, leveraging combined resources, fostering cooperation to address common challenges with integrated geospatial information.



Recommendations

- Geospatial community should be tracking legal and regulatory developments in Artificial Intelligence within their country.
- Members of the geospatial community should be actively participating in the development of these laws and regulations.
- Organizations that create or procure geospatial technologies, products and services that use Artificial Intelligence should be mindful of potential impact of laws and regulations.

Conclusion:

The geospatial community must work across sectors/silos to address the complex issues posed and opportunities afforded by artificial intelligence.



Framework for Effective Land Administration

Drivers of change



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Framework for Effective Land Administration

Drivers of change



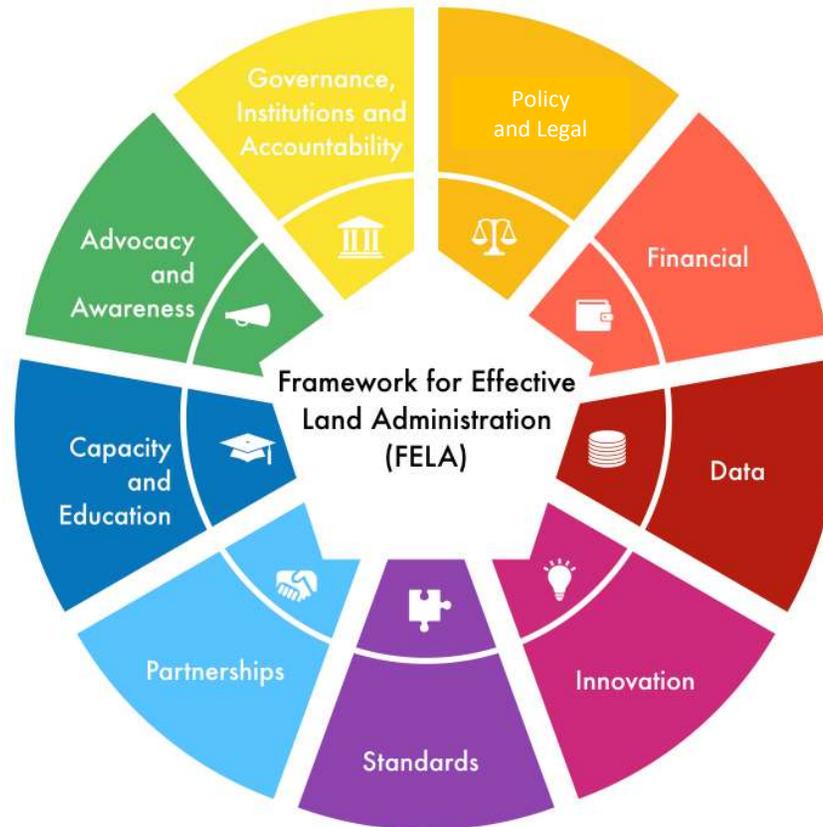
FELA with its nine pathways seeks to provide the reference and guidance for Member States when establishing, strengthening, coordinating and monitoring their land administration nationally or sub-nationally. FELA aligns directly with the overarching and strategic United Nations Integrated Geospatial Information Framework (UN-IGIF), implements the UN-IGIF for the land sector. The nine pathways of FELA provide a mechanism towards effective leadership, advocacy, mobilization and actions to effectively document, record and recognize people to land relationships in all forms for the wellbeing of society, environment and economy.



What are the FELA strategic pathways?



The nine strategic pathways of the United Nations Integrated Geospatial Information Framework (UN-IGIF) guide FELA. All pathways are linked and overlap and address a specific objectives.



All pathways are related back to the SDGs and the UN-IGIF, and lead to the articulation of approaches, methods and tools, specific to land administration and management, that can be used at national and sub-national level for the implementation of FELA.



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Part 1: Overarching Strategy

<https://ggim.un.org/IGIF/part1.cshtml>



Part 2: Implementation Guide

<https://ggim.un.org/IGIF/part2.cshtml>

[https://ggim.un.org/IGIF/documents/Solving the Puzzle FINAL 17Mar2023.pdf](https://ggim.un.org/IGIF/documents/Solving_the_Puzzle_FINAL_17Mar2023.pdf)



Part 3: Country-level Action Plan

<https://ggim.un.org/IGIF/part3.cshtml>

https://ggim.un.org/IGIF/documents/UN%20approach_Self%20pace%20discover%20learn.pdf

<http://ggim.un.org/IGIF/>



UN-IGIF
INTEGRATED GEOSPATIAL
INFORMATION FRAMEWORK

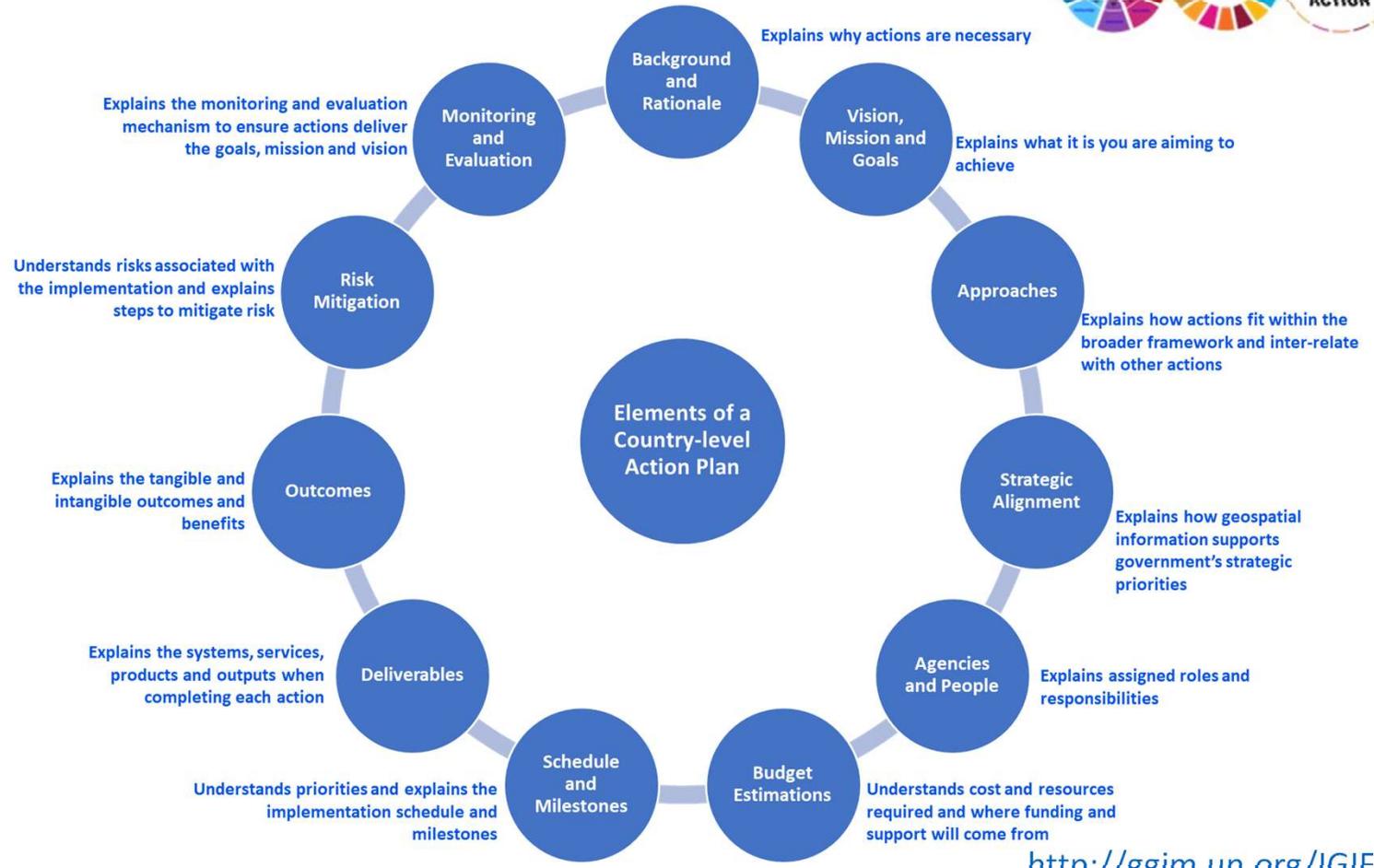
Three interconnected parts

UN-IGIF **Overarching Strategy**
Why?
Part 1

UN-IGIF **Implementation Guide**
What?
Part 2

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

ELEMENTS OF A COUNTRY-LEVEL ACTION PLAN



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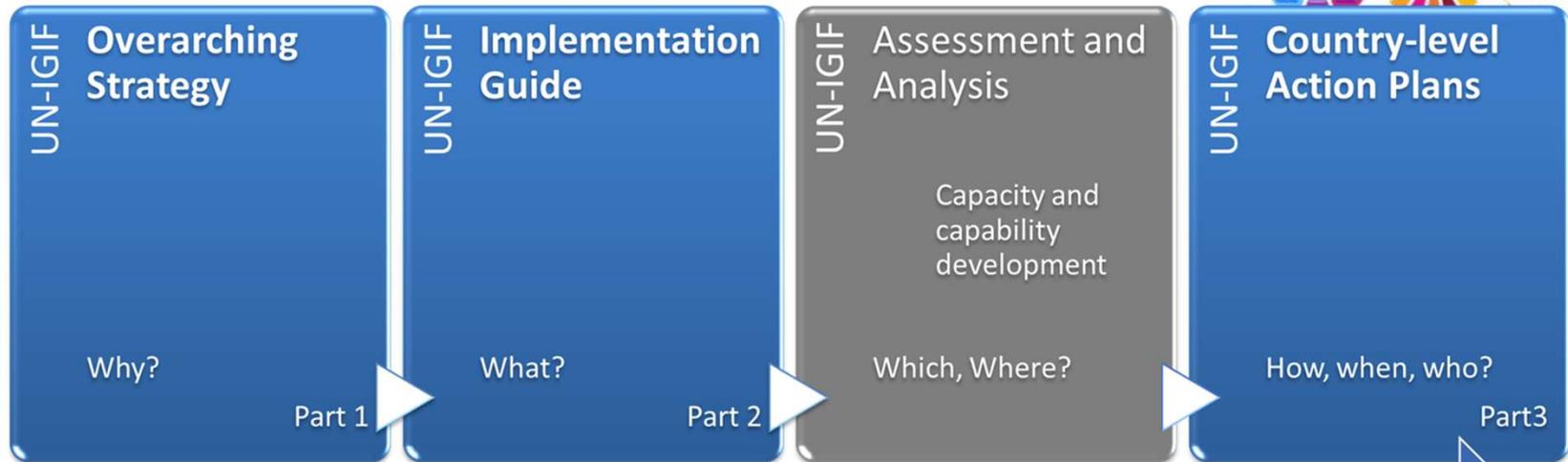
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Global Geospatial Information Management

EXPERT GROUP ON
LAND ADMINISTRATION AND MANAGEMENT

FIFTH MEETING
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1. Planning and preparing

2. Assessing and analyzing

3. Designing and developing

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A country-led approach presently has three components with a set of activities and tasks complemented by a suite of resource materials for countries to reference. These are meant to support countries when assessing and analyzing their national situations before designing and developing their Country-level Action Plans.



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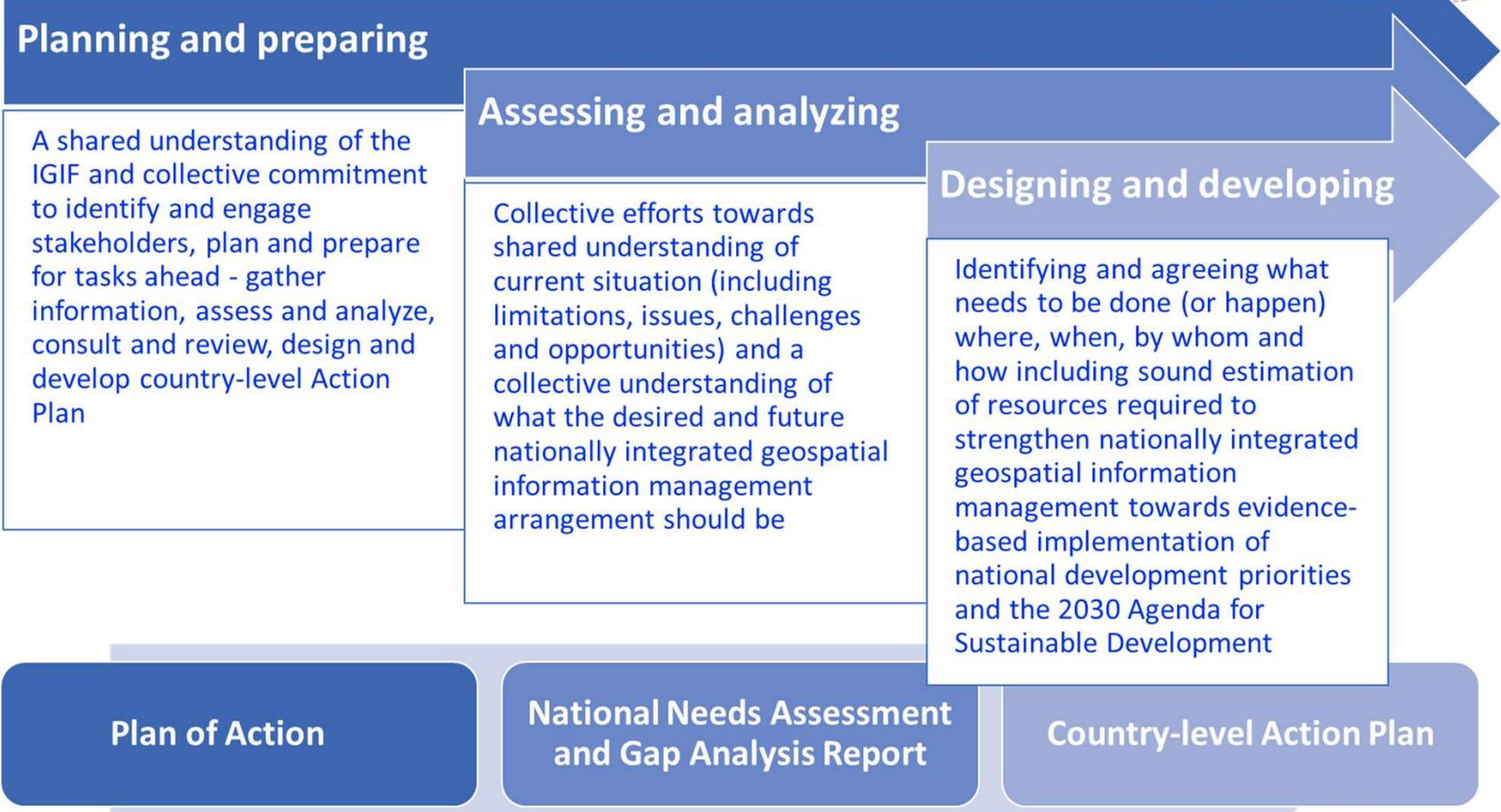
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The suggested components of a Country-led approach



The three components comprise a number of suggested activities and tasks. These are all supported with a comprehensive suite of resource materials for countries to reference and include some suggested resources, templates and forms for ease of use



Self-paced, self-prioritized through learning and discovery together with capacity and capability development – Methodological and incremental

Operationalizing the UN-IGIF at the country-level



The country-led approach:
 Self-paced, self-prioritized through a process that allows self-learning and discovery together with capacity and capability development – methodological and incremental, recognize and build-upon the existing arrangements, infrastructures and systems

Planning and preparing

Awareness and Initial Assessment
 Stakeholder Identification and Analysis
 Project Initiation

PLAN OF ACTION

Assessing and analyzing

Current and Desired Situation Assessment
 Baseline Survey
 Understanding National Situation and Analysis
 Stakeholder Engagement Activities
 Strategic Alignment Exercise
 Developing Vision, Mission and Goals
 Gap Analysis

NEEDS ASSESSMENT AND GAP ANALYSIS REPORT

Designing and developing

Developing strategic actions (aligning the IGIF nine strategic pathways with national priorities)
 Estimating resources including budgetary and funding requirements
 Developing an implementation schedule
 Developing success indicators

COUNTRY-LEVEL ACTION PLAN

Plan of Action

National Needs Assessment and Gap Analysis Report

Country-level Action Plan

Self-paced, self-prioritized through learning and discovery together with capacity and capability development – Methodological and incremental



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THANK YOU

I.H.V.I.K K.A.O.N




Fourteenth Session
of the United Nations
Committee of Experts
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Information
Management
7 – 9 August 2024
UNHQ, New York

SUSTAINABLE DEVELOPMENT GOALS




7TH
HIGH-LEVEL
FORUM
ON UNITED NATIONS
GLOBAL GEOSPATIAL
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