

Expert Group on Land Administration and Management Sixteenth virtual meeting

Thursday, 27 June 2024

11:00 hrs. – 12:30 hrs. (UTC) [*or 07:00 a.m. – 08:30 a.m./New York (UTC-4)*]

Provisional agenda:

- 1) Welcome, agenda and organization of the meeting
- 2) Work plan of the expert group (2023 – 2025) – Updates and progress
- 3) Summary of Fifth (in-person) Meeting and International Seminar
- 4) Fourteenth session of the UN-GGIM
- 5) Other related matters, next meeting and close



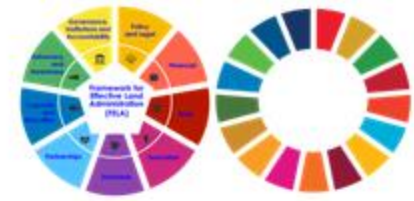
UN-GGIM

United Nations Committee of Experts on
Global Geospatial Information Management

EXPERT GROUP ON
LAND ADMINISTRATION AND MANAGEMENT

Positioning geospatial information to address global challenges

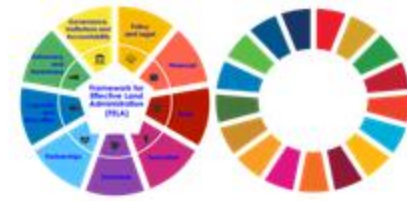
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Agenda 1):

Welcome, agenda and organization for the meeting

- 00:01 1) Welcome, agenda and organization of the meeting
- 00:10 2) Work plan of the expert group (2023 – 2025) – Updates and progress
- a) Integration of Terrestrial, Maritime, Built and Cadastral Domains
 - b) UN-GGIM-Americas Working Group on Land Administration
 - c) International Federation of Surveyors Commission 7
- 00:40 3) Summary of Fifth (in-person) meeting and International Seminar
- 01:00 4) Fourteenth session of the UN-GGIM
- a) Side event
 - b) Report
- 01:20 5) Other related matters, next meeting
- a) Next virtual meeting
- 01:30 6) Close



Agenda 2):

Work plan of the Expert Group (2023 – 2025) – Updates and progress

- a) Integration of Terrestrial, Maritime, Built and Cadastral Domains
- b) UN-GGIM-Americas Working Group on Land Administration
- c) International Federation of Surveyors Commission 7



Work plan of the Expert Group (2023 – 2025) – Five Focus Areas



Focus Area 5: Engagement and collaboration including to further anchor the FELA in the UN-GGIM programme of Work

Scope 11: Identify, agree and **work** on **cooperative projects** including with UN-GGIM regional committees, functional groups, thematic networks and relevant stakeholders.



Focus Area 4: Innovation in land administration and management to strengthen resilience and sustainability

Scope 7: Promote effective land administration **within an 'ecosystem'** or **'interconnected domains'**;

Scope 8: Address **rights, restrictions and responsibilities** associated with land;

Scope 9: Address **digital and mobile access** to land information including cybersecurity and data security mechanisms to protect vital land information;

Scope 10: Address the integration of information related to **land tenure, land value, land development, land use and land use change**.



Focus Area 1: Leadership and Advocacy in Effective Land Administration

Scope 1: Promote and raise awareness of the merits and benefits of **effective land administration**;

Scope 2: Encourage, promote and develop **guidance** for Member States to implement FELA at country level.



Focus Area 2: Promote and encourage the implementation of the FELA at the country level

Scope 3: Review, elaborate and adapt the **UN-IGIF Implementation Guide** and related implementation resources to further **guide** and support the implementation of FELA according to national circumstances and needs;

Scope 4: Encourage volunteered **translation** of the FELA into languages other than English to support raising of awareness and promote better understanding;

Scope 5: Facilitate sharing and exchange of knowledge, information, experiences, and practices, including relevant **use cases** and implementation examples.



Focus Area 3: Integration of terrestrial, maritime, built and cadastral domains

Scope 6: **Gain better understanding** through cooperative project and activities.



https://ggim.un.org/documents/EG-LAM Work plan_2023-2025_Final.pdf

Workplan's Progress Overview (for 14th session)



1. Leadership and Advocacy in Effective Land Administration

- Report at UNGGIM Annual Meetings at UNHQ (**ongoing**)
- Chair and co-organise 5th EG-LAM Meeting and International Seminar in Mexico (**completed**)
- Chair and organise Virtual Meetings per year (**completed**)

5. Engagement and collaboration including to further anchor the FELA in the UNGGIM programme of Work

- Collaborate with UN-GGCE on integrating FELA in Geodesy domain (**ongoing**)
- Anchor FELA in the works with OGC and IHO (**ongoing**)
- Contributed a section on land admin data in policy paper by WG on Policy and Legal Framework (**completed**)

2. Promote and encourage the implementation of the FELA at the country level

- Working Group 7.1 on FELA in FIG Commission 7 with Spain, Netherlands, Latin Americas (Led by Spain) (**ongoing**);
- EuroSDR on FELA Implementation (Led by the Netherlands) (**ongoing**)
- Chaired a Session on FELA implementation at FIG Working Week 2023 (**completed**)

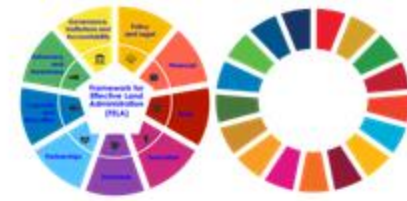


4. Innovation in land administration and management to strengthen resilience and sustainability

- Establishment of near-shore permanent ground reference control points with MPA (**ongoing**);
- Setting up a framework to monitor vertical land motion (**ongoing**);

3. Integration of terrestrial, maritime, built and cadastral domains

- Crafting policy paper on integrating land and sea with MPA under IHO-Singapore Lab (**ongoing**)
- Co-lead COTS project on harmonization of datums (led by PUB) (**completed**)
- Conducted technical discussion on integration of various domains in SLA (**completed**)
- OGC Pilot on Integrating Land and Sea (**completed**)



Agenda 2):

Work plan of the Expert Group (2023 – 2025) – Updates and progress

- *Update from the work on Integration of Terrestrial, Maritime, Built and Cadastral Domains*
- *Update from UN-GGIM-Americas Working Group on Land Administration*
- *Update from the International Federation of Surveyors Commission 7*

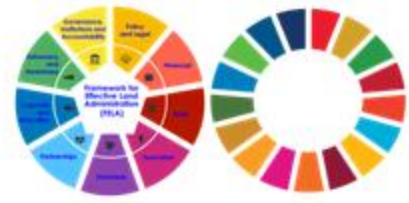


6th Expert Meeting of Working Group on Marine Geospatial Information (WG-MGI) and International Seminar, Bali, Indonesia, 4 – 8 March 2024



- WG-MGI acknowledged the leadership of the Expert Group on the integration of terrestrial, maritime, built and cadastral domains and will together leverage focus group modality to involve other functional groups (e.g. Policy and Legal Framework, GGCE, Singapore-IHO Lab)
- **Initial focus will be on the land-sea interface and the technical complexities related to vertical reference (height datum)**
- To support a side event at the Fourteenth Annual Session on the integration of terrestrial, maritime, built and cadastral domains jointly with other functional groups





Focus Group Discussion on Land-Sea Integration

Australia, Fiji, Tonga and SPC

A virtual meeting to be conducted on July 2, 2024

On behalf of the Co-Chairs of the Expert Group on Land Administration and Management and Working Group on Marine Geospatial Information



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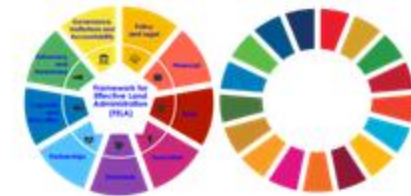
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Framework of the paper: UN-IGIF and the Strategic Pathways



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

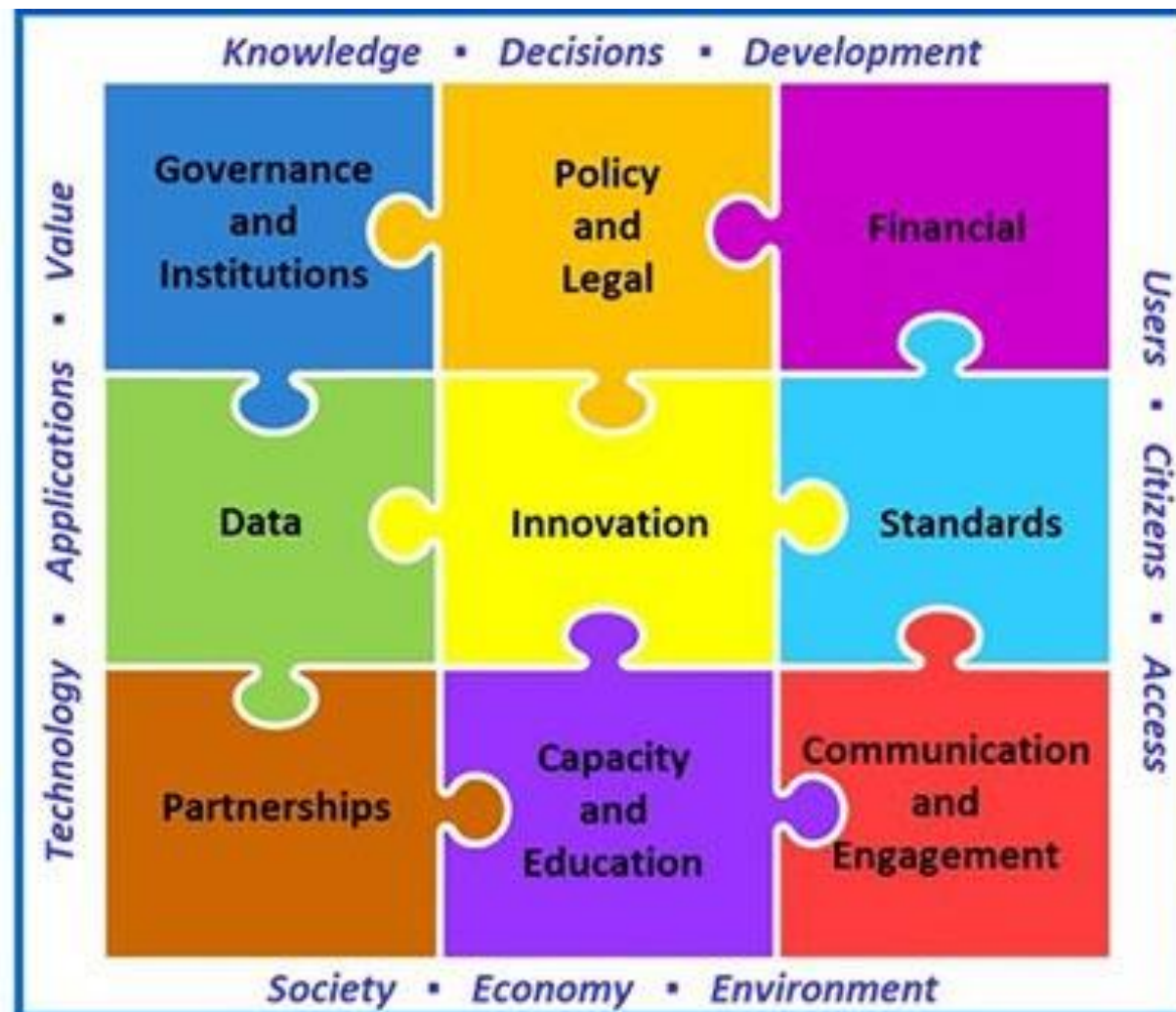
Governance



Technology



People

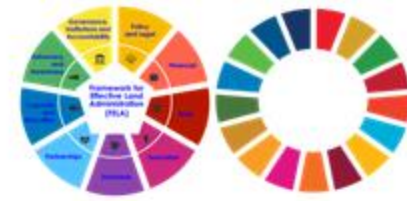


Contains 9 sections with each describing a pathway that discusses:

1. Address Challenges
2. Exchange Success Stories
3. Proposed Solutions



Timeline



From now till August 2024:

- Conceptualize and outline the paper, engage subject matter experts
- Conduct discussions with domestic and international stakeholders
- Present update at 6th Expert Meeting of WG-MGI and 5th EG-LAM meeting
- **Focus Group Discussions**

August 2024:

- **Support a side-event at the Fourteenth session of the committee of Experts with the aim to seek further views and perspectives**

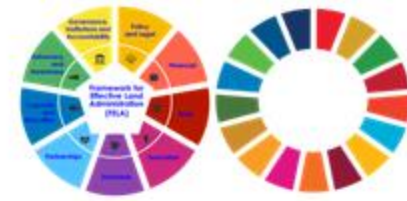
September 2024 – June 2025:

- **Workshop in December 2024 in Indonesia (led by UN-GGCE, supported by EG-LAM, WG-MGI, IHO, etc.)**
- Further develop case-studies with subject matter experts
- Develop and prepare the proposed paper and subject to review by functional groups

August 2025 (tbc):

- Jointly present the paper to address land-sea integration to the Fifteenth session of the Committee of Experts



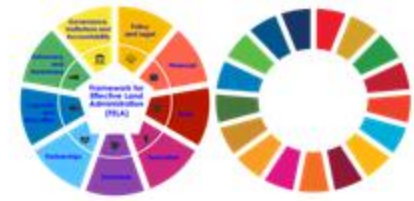


Agenda 2):

Work plan of the Expert Group (2023 – 2025) – Updates and progress

- *Update from the work on Integration of Terrestrial, Maritime, Built and Cadastral Domains*
- **Update from UN-GGIM-Americas Working Group on Land Administration**
- *Update from the International Federation of Surveyors Commission 7*





Agenda 2):

Work plan of the Expert Group (2023 – 2025) – Updates and progress

- *Update from the work on Integration of Terrestrial, Maritime, Built and Cadastral Domains*
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- ***Update from the International Federation of Surveyors Commission 7***





Agenda 3): Summary

The Fifth meeting (in-person) of the Expert Group and International Seminar on Effective Land Administration

Day and Dates: Monday to Thursday, 8 – 11 April 2024

Location: Aguascalientes, México

Hosts: Instituto Nacional de Estadística y Geografía (INEGI), México and partners

Support from: Permanent Committee of the Cadastre for Ibero-America and Spanish Directorate General for Cadastre

Outline for the event:

- Day #1 International Seminar on Effective Land Administration
- Day #2 Fifth meeting of the Expert Group on Land Administration and Management
- Day #3 Fifth meeting of the Expert Group (continuing)
- Day #4 Fifth meeting of the Expert Group (continuing, close)

Attended by 44 participants, representatives of 13 member states and 4 international organisations and the United Nations systems



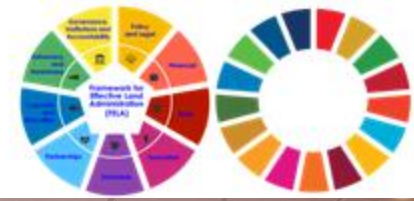
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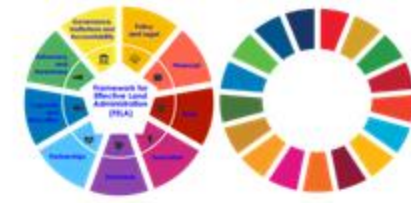
Implementing the Framework for Effective Land Administration



- International Seminar
 - Session #2: Implementation of the Framework for Effective Land Administration
 - 3 Presentations
 - 1 – Barbados
 - 2 - Chile
 - 3 – Mexico
- Expert Group Meeting
 - A breakout session on Implementing FELA together with the UN-IGIF at the country-level



Breakout Session on Implementing the Framework for Effective Land Administration



Objective: To assess the implementation of “effective land administration” at national or sub-national level

Question 1:

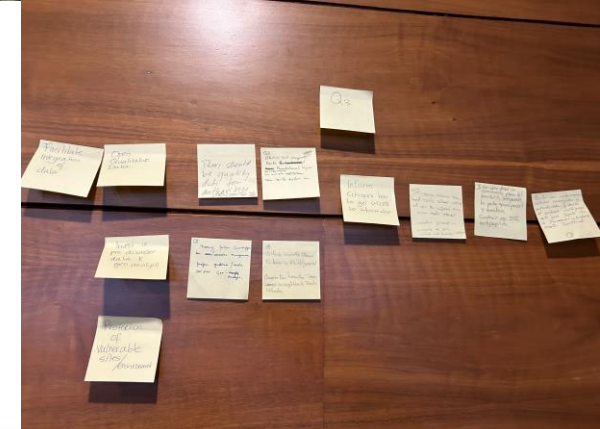
What is the most challenging task in your jurisdiction to implement effective land administration and how do you think the Expert Group can play its roles to improve this?

Question 2:

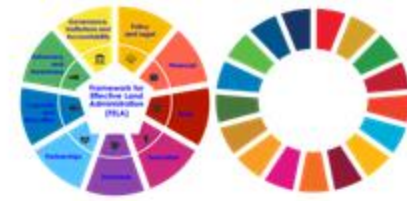
Under the UN-GGIM, we have operational frameworks such as FELA, UN-IGIF, etc. in place. How these frameworks can be cascaded to local citizens so that the people can directly be benefited from?

Question 3:

How could effective land administration help generate more efficient prevention and response to socio-natural disasters? What institutional arrangements, data, and capabilities need to be urgently addressed to improve in this field?



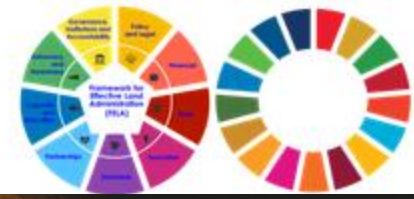
Breakout Session on Implementing the Framework for Effective Land Administration: Discussion Points



- **Adoption of GeoAI:** The expert group again expressed the need to embrace new technology such as GeoAI to improve the access and use of land information.
- **Own “Path” and “Pace”:** Member states are recommended to determine their own “path” and “pace” in implementing FELA. Own “path” means it is country’s discretion to determine which strategic pathway to take by considering its national circumstances and needs. Own “pace” refers to the rate of implementing FELA depending upon existing resources.
- **Enhancing Delivery Strategy:** There is a push for more resources to offer practical guidance. Discussions are underway about creating simpler documents, such as scientific papers and best practices to spread awareness about the advantages of effective land administration using FELA.
- **Diversity in expert group:** the expert group suggests expanding the diversity and representation within the expert group by inviting experts from different levels of government, academia, private sector and minority groups to provide perspectives.



Integration of Terrestrial, Maritime, Built and Cadastral Domains



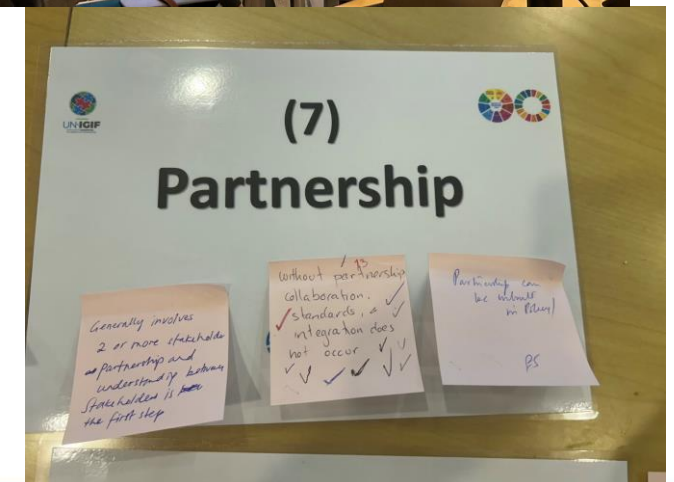
- International Seminar
 - Session #4: Integration of Terrestrial, Maritime, Built and Cadastral Domains
 - 3 Presentations
 - 1 – Integration paper
 - 2 - Sharing on integration from Sweden
 - 3 – Federated Marine Spatial Data Infrastructure 2023
- Expert Group Meeting
 - A breakout session on Integration of Terrestrial, Maritime, Built and Cadastral Domains



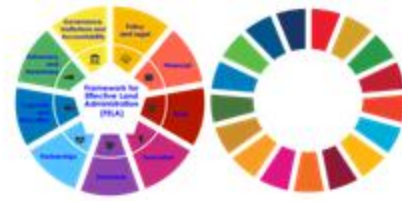
Breakout Session on Integration of Terrestrial, Maritime, Built and Cadastral Domains: the set up



- Participants were grouped based on the 9 strategic pathways. The participants were required to choose the pathway they think the most important in addressing the issues on integration
- Participants shared thoughts about the pathways and voted accordingly.
- Pathway 7 – “Partnership” gets the highest votes.
- No one pathway is “superior” than the other. The pathways are inter-linked, one depending on the others to succeed (e.g. a good standard will need a strong partnership)

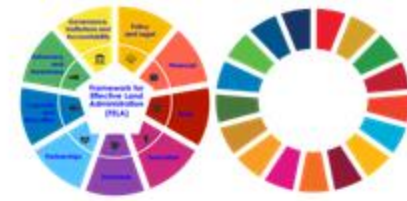


Breakout Session on Integration of Terrestrial, Maritime, Built and Cadastral Domains: Discussion Points



- **A strategy to prioritize the pathways.** The strategy will allow member states to implement certain pathway(s) with limited resources and funding at hand. The strategy should be “live” and aligned with the current situations and national circumstances of the member states.
- **“Why Now” mentality.** Not only looking at the “what” and the “how”, but also “why now”. “Why now” should convince the decision makers to fund/support the initiatives Now. A need to describe this in an official written form (e.g. the paper), and it should also consider the political will of the country.
- **Compliant level of the pathways.** The member states need a “score sheet” to understand how much they have achieved/need to achieve for a particular pathway. The “score sheet” allows member states to assess their maturity for a particular pathway, and understand their strengths and weaknesses.
- **The effect of integration to public citizens.** Beside the technical aspect of the integration (e.g. harmonization of height datums), the paper should consider the effect to the economic or touristic activities at the coastlines. These activities will influence the development plan for the decision makers.





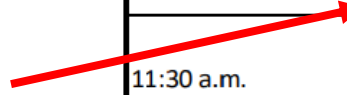
Agenda 4): Fourteenth session of the Committee of Experts on Global Geospatial Information Management

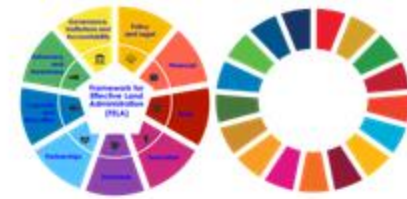
Tuesday, 6 August

- a) Side event
- b) Report

- At the forum, the team is to share the progress of the paper on land-sea integration which will include the background, success stories, lessons learnt and potential solutions gathered from the focus group discussion(s)

Schedule	Conference room 4	Conference Room 11
10:00 a.m.	Forum on the Integration of Terrestrial, Maritime and Cadastral Domains <i>(sponsor: Expert Group on Land Administration and Management, Working Group on Marine Geospatial Information, Working Group on Policy and Legal Frameworks, and UN Global Geodetic Centre of Excellence)</i>	Fourth plenary meeting of the High-level Group of the Integrated Geospatial Information Framework <i>(by invitation only)</i>
11:15 a.m.		
11:30 a.m.	Forum on the First Joint Development Plan for Global Geodesy <i>(sponsor: Subcommittee on Geodesy, UN-GGCE: International Advisory Committee, and UN Global Geodetic Centre of Excellence)</i>	
12:45 p.m.		
15:00 p.m.	Forum on Integrated Geospatial Information Management <i>(sponsor: High-level Group of the Integrated Geospatial Information Framework, Expert Group on Land Administration and Management, Working Group on Marine Geospatial Information and UN Global Geospatial Knowledge and Innovation Centre; and supported by regional committees and thematic networks)</i>	
16:15 p.m.		
16:45 p.m.		
18:00 p.m.		





Agenda 4): Fourteenth session of the Committee of Experts on Global Geospatial Information Management

- a) Side event
- b) Report**

- Please submit your feedback/input if you have to the secretariat report before the closure of business 28 June 2024

I. Introduction

1. Land administration relates people to land and informs on the 'how', the 'what', the 'who', the 'when' and the 'where' of land tenure, land use, land value, and land development. Land administration systems are the basis for recording the complex range of rights, restrictions and responsibilities related to people, policies and places. Effective land administration is fit-for-purpose, appropriate and adequate, interoperable and sustainable, flexible and inclusive, and able to accelerate efforts to document, record, recognize, and monitor people to land relationships in all forms. Effective land administration provides humanity with better access to and security of land and property rights, noting that not all actors can be satisfied with every land administration decision. Effective land administration is able to mitigate issues relating to land as a root cause triggering conflict and supports leaving no one behind - the commitment of the 2030 Agenda for Sustainable Development.
2. The Framework for Effective Land Administration (FELA) with its nine pathways provides the reference and guidance for Member States when establishing, strengthening, co-ordinating 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.
3. At its thirteenth session, held from 2 to 4 August 2023, the Committee of Experts adopted decision [13/109](#) to rename its agenda item to "Integrated geospatial information for effective land administration and management", and 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.
4. In this report, the Expert Group provides updates on its progress and workplan for the period 2023–2025, as well as its activities, including the collaborations with the regional committee, functional groups, and other international organizations during the intersessional period. The report also details the fifth meeting of the Expert Group together with an International Seminar on United Nations Global Geospatial Information Management with the theme "Effective land administration". Additionally, this report updates the Committee of Experts on joint efforts addressing the integration of terrestrial, maritime, built, and cadastral domains, including the technical complexities related to the land-sea interface. This report concludes with information about next steps and considerations for future activities.
5. The Committee of Experts is invited to take note of the report and express its views on the activities and progress of the Expert Group, focusing on improving leadership, advocacy, and awareness of FELA and the merits and benefits of effective land administration at the country-level; the implementation of FELA alongside the UN-IGIF at the country level; the integration of terrestrial, maritime, built and cadastral domains; and working through the inventory of issues and the workplan for the period 2023 – 2025. Points for discussion and decision are provided in paragraph 31.

II. Workplan 2023 – 2025

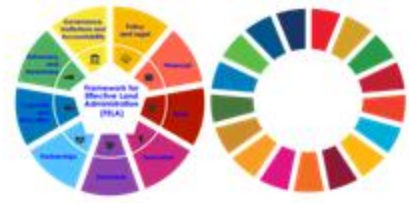
6. During the intersessional period, the Expert Group began the implementation of its workplan, organized in-person and virtual meetings, supported activities, collaborated regional committees and functional groups of the Committee of Experts as well with international and regional organizations. The workplan has five focus areas: (a) leadership and advocacy in effective land administration, (b) promote and encourage the implementation of the FELA at the country level, (c) integration of terrestrial, maritime, built, and cadastral domains, (d) innovation in land administration and management to strengthen resilience and sustainability, (e) engagement and collaboration including to further anchor FELA in the programme of work of the Committee.
7. For focus area (a), to advocate and demonstrate leadership in effective land administration, the Expert Group co-organized with the Government of Mexico the fifth meeting of the Expert Group together with an international seminar with the theme on "Effective land administration" in Aguascalientes, Mexico from 8 – 11 April 2024. The Expert Group also conducted three virtual meetings and is planning to support a joint side event during the Fourteenth session on integrating terrestrial, maritime, built and cadastral domains. The Expert Group also engages and work with other functional groups of the Committee, in particular, the Working Group on Marine Geospatial Information (WG-MGI) and the



Agenda 5):
Other related matters, next meeting and close

a) Next virtual meeting

b) Brief summary and close



Agenda 5):

Other related matters, next meeting and close

a) Next virtual meeting

b) Brief summary and close

