
Economic and Social Council

18 July 2023

Committee of Experts on Global Geospatial Information Management Thirteenth session

New York, 2 – 4 August 2023

Item 11 of the provisional agenda*

Application of geospatial information related to land administration and management

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Note by the Secretariat

Summary

The present paper contains the report of the Expert Group on Land Administration and Management for consideration by the Committee of Experts on Global Geospatial Information Management.

At its twelfth session, held from 3 to 5 August 2022, the Committee of Experts adopted Decision 12/109, in which it reaffirmed that, for land administration to be effective, it must be fit for purpose, appropriate and adequate, interoperable, sustainable, flexible and inclusive, and must have the capacity to accelerate efforts to document, record, recognize and monitor the relationships between people and land in all its forms. The Committee appreciated the leadership transition and affirmed the continuing focus of the Expert Group to promote and raise awareness of the merits and benefits of effective land administration, which utilizes the United Nations Integrated Geospatial Information Framework (UN-IGIF) as a reference resource, and the roles of effective land administration in the area of climate change and the integration of the terrestrial, maritime and cadastral domains. The Committee also encouraged the Expert Group to collaborate with other functional groups of the Committee of Experts such as the Working Group on Policy and Legal Frameworks for Geospatial Information Management, and to continue to work with relevant international organizations.

The Committee of Experts also noted the Expert Group had begun to consider an inventory of issues to be covered in its new workplan. The new workplan not only is built upon on-going work from the previous workplans but also emphasises on the implementation of the Framework for Effective Land Administration (FELA) at the country level where national circumstances will require further elaboration and adaptation towards countries' needs. The Committee welcomed the understanding that effective land administration should be addressed within an "ecosystem" and "interconnected domains".

In this report, the Expert Group provides information on its activities during the intersessional period, including progress on its consideration of the inventory of issues and thus the areas of focus for the Expert Group going forward. The issues are: (i) leadership, promoting and raising awareness of the merits and benefits of effective land administration including the role of effective land administration within the area of climate resilience, and sustainable development; (ii) the implementation of the UN-IGIF and the FELA at the country-level and to address effective land administration within an "ecosystem" or "interconnected domains"; (iii) the integration of the terrestrial, maritime, built and cadastral domains; and (iv) collaborating with other functional groups of the Committee of Experts and to work closely with relevant international organizations to further anchor the FELA in the broad programme of work of the Committee. Additional issues related to the integration of the terrestrial, maritime, built, and cadastral domains included: rights, restrictions and responsibilities associated with land; digital and mobile access to land information;

* E/C.20/2023/1

cybersecurity and data security mechanisms needed to protect vital land information; and integrated information on land tenure, land value, land development, land use and land use change.

In this report, the Expert Group also provides details on its the new workplan for the period 2023 – 2025 that was adopted by Expert Group at its thirteenth virtual meeting on 21 February 2023. The workplan defines its plans, activities, and deliverables within eleven scopes of work under five focus areas. The focus areas are: leadership and advocacy; promote and encourage the implementation of the FELA at the country level; integration of terrestrial, maritime, built, and cadastral domains; innovation in land administration and management to strengthen resilience and sustainability; engagement and collaboration including to further anchor the FELA in the UN-GGIM programme of work. In its workplan, the Expert Group purposed to organize two in-person expert meetings that will be convened with the third and fourth edition of the International Seminar on United Nations Global Geospatial Information Management with the theme “effective land administration” in early 2024 and then in 2025, the latter meeting and seminar to be hosted by Singapore. The workplan seeks to strengthen collaboration with the Working Group on Policy and Legal Frameworks for Geospatial Information Management and the Working Group on Marine Geospatial Information, and strengthens coordination and cooperation with international standards development organizations and other relevant international organizations and centres.

I. Introduction

1. At its twelfth session, held from 3 to 5 August 2022, the Committee of Experts affirmed a continuing focus on promoting and raising awareness of the merits and benefits of effective land administration, which utilizes the United Nations Integrated Geospatial Information Framework (UN-IGIF) as a reference resource, and its roles within the area of climate change and the integration of the terrestrial, built, maritime and cadastral domains. The Committee also encouraged the Expert Group to collaborate with regional committees and other functional groups of the Committee of Experts such as the Working Group on Policy and Legal Frameworks for Geospatial Information Management, and to continue to work with international organizations such as International Federation of Surveyors and Open Geospatial Consortium.

2. In this report, the Expert Group provides information on its consideration of the inventory of issues and areas of focus of the Expert Group, the new workplan for the period 2023–2025 and its activities including the collaborations with the regional committees, functional groups, and other international organizations during the intersessional period. The new workplan builds upon the Expert Group’s progress and achievements and emphasizes on the implementation of the Framework for Effective Land Administration (FELA) at the country level according to national circumstances and needs.

3. The report also contains information and considerations to develop a brief white paper to elaborate key considerations in the integration of terrestrial, maritime, built, and cadastral domains and to keep abreast with the development and status of ISO 19152 – Land Administration Domain Model (LADM) second edition.

4. The Expert Group welcomed and appreciated that the Committee of Experts, at its twelfth session, reaffirmed that, for land administration to be effective, it must be fit-for-purpose, appropriate and adequate, interoperable, sustainable, flexible, and inclusive, and must have the capacity to accelerate efforts to document, record, recognize and monitor the relationships between people and land in all its forms.

5. The Committee of Experts is invited to take note of the report and to express its views on the activities and progress of the Expert Group and way forward to further improve leadership, advocacy, and awareness of the FELA and the merits and benefits of effective land administration at the country-level; the implementation of FELA together with the UN-IGIF at the country level; and the inventory of issues and the workplan for the period 2023 – 2025. Points for discussion and decision are provided in paragraph 29.

II. Membership and meetings

6. The Expert Group is presently comprised of expert representatives from twenty-five Member States, four entities from the UN System, three international organizations, and four entities from within the Committee of Experts’ thematic networks. The Expert Group is co-chaired by Chile (SNIT-IDE de Chile) and Singapore (Singapore Land Authority) and convened two virtual meetings during this intersessional period, its thirteenth on 21 February 2023 and its fourteenth on 19 June 2023.

7. The thirteenth virtual meeting principally considered and agreed on the inventory of issues and updated workplan of the Expert Group for 2023 to 2025. The fourteenth virtual meeting allowed the Expert Group to be updated on its progress with its updated workplan and to prepare for the thirteenth session of the Committee of Experts from 2 – 4 August 2023. These meetings afforded opportunities for the Expert Group to interact, review and consider issues related to effective land administration, the implementation of the UN-IGIF and FELA, and its activities and progress of its workplan for the period 2023 - 2025.

III. Inventory of issues

8. The Committee of Experts, at its twelfth session, had noted that the Expert Group had begun consideration of an inventory of issues to be covered in its updated workplan and, while affirming a continuing focus on promoting and raising awareness of the merits and benefits of effective land administration, to include efforts to raise awareness of and advocate for the country-level implementation of the FELA together with the UN-IGIF, and the role that it could play within the area of climate and resilience, and the integration of the terrestrial, maritime and cadastral domains.

9. The Expert Group was encouraged to continue addressing issues including rights, restrictions and responsibilities associated with land; digital and mobile access to land information; the integration of the built environment and the cadastre; and the cybersecurity and data security mechanisms needed to protect vital land information; and noted that efforts to address those issues required integrated information on land tenure, land value, land development, land use and land use change to effectively administer and manage land.

10. At its thirteenth virtual meeting, the Expert Group agreed on an inventory of issues to be considered, hence, the areas of focus for the Expert Group in its present three-year term. The inventory of issues included:

- (a) Leadership, promoting and raising awareness of the merits and benefits of effective land administration through:
 - i) raise awareness of and advocate for the country-level implementation of the FELA together with the UN-IGIF;
 - ii) role of effective land administration within the area of climate change and resilience, and sustainable development.
- (b) The implementation of the UN-IGIF and the FELA at the country-level:
 - i) leverage the Implementation Guide of the UN-IGIF as a reference resource when considering guidance to implement the FELA at the country level;
 - ii) elaborate and align the UN-IGIF implementation guidance and recommended actions with national circumstances and needs;
 - iii) address effective land administration within an “ecosystem” or “interconnected domains”.
- (c) The integration of the terrestrial, maritime, built, and cadastral domains; and additional issues related to:
 - i) rights, restrictions, and responsibilities associated with land;
 - ii) digital and mobile access to land information;
 - iii) cybersecurity and data security mechanisms needed to protect vital land information;
 - iv) integrated information on land tenure, land value, land development, land use and land use change.
- (d) Collaborating with other UN-GGIM functional groups and to work closely with relevant international organizations to further anchor the FELA in the broad programme of work of UN-GGIM.

IV. Workplan for the period 2023 - 2025

11. The new workplan has been developed considering the inventory of issues identified by the Expert Group. It not only builds upon achievements and on-going work from the previous workplans but also emphasizes the implementation of the FELA at the country level, where national circumstances will require further elaboration and adaptation towards countries' needs. The Expert Group also took note that the Committee had welcomed the understanding that effective land administration should be addressed within an "ecosystem" and "interconnected domains".

12. After consultations with members, including with relevant international organizations, the workplan was presented and adopted by the Expert Group at its thirteenth virtual meeting on 21 February 2023. The workplan defines five areas of focus, namely: i) leadership and advocacy; ii) promote and encourage the implementation of the FELA at the country level; iii) integration of terrestrial, maritime, built and cadastral domains; iv) innovation in land administration and management to strengthen resilience and sustainability; and v) engagement and collaboration including to further anchor the FELA in the Committee of Expert's programme of work.

13. While continuing to focus on promoting and raising awareness of the merits and benefits of effective land administration, and to advocate for the implementation of FELA at the country-level, the workplan also addresses related issues, such as the integration of terrestrial, maritime, built, and cadastral domains, and authoritative data and climate change. In this regard, the Expert Group will continue to cooperate with the Working Group on Policy and Legal Frameworks for Geospatial Information Management, the Working Group on Marine Geospatial Information, the regional committees of UN-GGIM, and relevant stakeholders, including the International Federation of Surveyors (FIG), the International Organization for Standardization Technical Committee 211 (ISO/TC 211) and the Open Geospatial Consortium (OGC).

14. The workplan of the Expert Group for the period 2023 – 2025 is provided as an annex to this present report. Within the workplan, the Expert Group can be expected to:

- (a) Consider and develop a brief or paper to elaborate key considerations in the integration of terrestrial, maritime, built, and cadastral domains.
- (b) Strengthen partnership and collaboration including with international and regional organizations –
 - i) to promote and raise awareness of the merits and benefits of effective land administration;
 - ii) to gain better understanding and improve knowledge through cooperative projects and joint activities, avoiding duplication.
- (c) Organize two in-person meetings of the Expert Group together with an international seminar on effective land administration during the period.

V. Activities and progress

15. During the intersessional period, the Expert Group began its implementation of its updated 2023 – 2025 workplan, organized virtual meetings, supported activities, collaborated with the regional committee of UN-GGIM for Asia and the Pacific (UN-GGIM-AP) and the Working Group on Policy and Legal Frameworks for Geospatial Information Management; and has worked on cooperative projects with international organizations such as FIG, the OGC, and European Spatial Data Research (EuroSDR).

International Seminar on “Geo-Enabled Effective Land Administration”

16. The International Seminar with the theme “Geo-Enabled Effective Land Administration” was held on 14 March 2023 in conjunction with GeoConnect Asia 2023 from 15 to 16 March 2023 in Singapore. The International Seminar was organized by the Government of Singapore through the Singapore Land Authority (SLA) and supported by the Expert Group, the regional committee of UN-GGIM-AP, and FIG. Key considerations included effective land administration at the country level; interoperability and innovation in land administration and management to strengthen resilience and sustainability; and availability and accessibility of reliable geospatial information.

Regional Committee of United Nations Global Geospatial Information Management for Asia and the Pacific (UN-GGIM-AP).

17. In conjunction with the International Seminar during the GeoConnect Asia event, Singapore hosted the meeting of the Executive Board of UN-GGIM-AP on 13 March 2023. As part of the new workplan of UN-GGIM-AP, the regional committee agreed to consider the FELA as a key focus to be achieved by its Working Group 2 – Cadastre and Land Management, cementing the collaboration and partnership between the Expert Group and UN-GGIM-AP.

18. To encourage the collaborations with international organizations and relevant stakeholders the host, with the agreement of the Executive Board of UN-GGIM-AP, invited the Private Sector Network, FIG (Geospatial Societies), and the OGC to attend the Executive Board meeting as observers. These observers provided valuable contributions and views in the meeting of the Executive Board of UN-GGIM-AP, of which the Expert Group also took note.

Working Group on Policy and Legal Frameworks for Geospatial Information Management

19. At the thirteenth virtual meeting on 21 February 2023, the Expert Group invited the co-Chair of the Working Group on Policy and Legal Frameworks for Geospatial Information Management to present its draft paper on “Authoritative Data in an Evolving Geospatial Landscape: An Exploration of Policy and Legal Challenges” and to consult with the Expert Group.

20. As a result from the engagement and consultation, a new section on effective land administration to achieve authoritativeness was added into the draft paper. Effective land administration is crucial to ensure the authoritativeness of land sector data to be used for the people and by the people. The nine pathways of the FELA, in particular Pathway II: Policy and Legal, and Pathway IV: Data, affirmed that data relating to land tenure, land use, land value, and land development are fundamental geospatial data within any jurisdiction.

International Federation of Surveyors (FIG)

21. The Expert Group organized a session on the FELA at the 2023 Working Week of the International Federation of Surveyors held in Orlando, Florida, United States of America from 28 May to 1 June 2023. The Working Week provides a valuable platform to raise awareness and to promote the FELA. The session included presentations from Expert Group members from France, The Netherlands, Singapore, Sweden, Trinidad and Tobago and the United States of America. The session further discussed and contributed to the Expert’s Group ongoing modalities towards the implementation of the UN-IGIF and FELA.

22. As a tangible outcome, part of the new workplan of FIG Commission 7 – Cadastre and Land Management for the period 2023 – 2026, a new FIG working group, Working Group 7.1, was established and will focus on the implementation of the FELA at the country-level. FIG Working Group 7.1 plans to organize activities and to develop and prepare joint

publications between FIG Commission 7 and the Expert Group. The FIG Commission 7 Annual Meeting will be held from 2 – 4 October 2023 in Deventer, the Netherlands.

Open Geospatial Consortium (OGC)

23. For land administration to be effective, besides focusing within its domain that addresses rights, restrictions and responsibilities associated with land; and the integration of information related to land tenure, land value, land development, land use and land use change, attention is equally needed to study and explore interconnected domains vis-a-vis terrestrial, maritime, built, and cadastral. The Expert Group noted an on-going global initiative to explore the land/sea interface and to connect the terrestrial and maritime (or land and sea) domains through an OGC pilot on Federated Marine Spatial Data Infrastructure (FMSDI)¹ that covers the geographic regions of the Arctic, Caribbean, and Southeast Asia.

24. This pilot is expected to be completed by the end of 2023. The pilot aims to explore and study the integration of standards and global frameworks developed and adopted by the Committee of Experts, the International Organization for Standardization (ISO), the International Hydrographic Organization (IHO), and the OGC to assess the implementation of standards interoperability through software demonstrations. The outcome of the pilot will be reported to and considered by the Expert Group.

VI. Next steps and considerations

25. The Expert Group continues to implement its agreed workplan and activities, including to encourage volunteered translation of the FELA into languages other than English. Presently, the FELA has been translated into Arabic, Chinese, Dutch, French and Spanish by its members. These volunteered translation efforts support the raising of awareness, promote better understanding, and encourage the implementation of the FELA at the national and sub-national levels. The Expert Group welcomes further volunteered efforts from Member States to translate the FELA into other languages.

26. The Expert Group keeps abreast of the development and status of the ISO 19152 – Land Administration Domain Model (LADM) second edition. The Expert Group was briefed of ongoing development and status by ISO/TC 211 during its fourth Expert Group meeting in Singapore in 2022, and an example from Malaysia on adopting LADM was presented during the International Seminar in March 2023. The Expert Group was invited to participate in the 11th International FIG Workshop on the Land Administration Domain Model/3D Land Administration to be held in Gavle, Sweden from 11 – 13 October 2023.

27. The Expert Group will begin to develop a white paper to elaborate key considerations in the integration of terrestrial, maritime, built, and cadastral domains after gaining better understanding from on-going collaborative efforts including the OGC FMSDI pilot project and in collaboration with the Singapore – International Hydrographic Organization Innovation and Technology Laboratory on the integration of height and chart datums and the Working Group on Marine Geospatial Information.

28. The Expert Group is in discussion with Dirección General de Geografía y Medio Ambiente of the National Institute of Statistics and Geography of Mexico, the El Comité Permanente de Catastro en Iberoamérica (CPCI) (The Permanent Committee of Cadastre in Latin America), and Dirección General del Catastro (Spanish Directorate General for Cadastre) on convening its next formal (in-person) meeting, together with an international seminar with the theme “effective land administration”, in Mexico in April 2024.

¹ The pilot is sponsored by Maritime and Port Authority of Singapore, Natural Resources Canada, National Oceanic and Atmospheric Administration of the United States of America, Singapore Land Authority, and United Kingdom Hydrographic Office.

VI. Points for discussion

29. The Committee of Experts is invited to:

- (a) Take note of the present report and the work and progress of the Expert Group on Land Administration and Management during this intersessional period;**
- (b) Provide views and guidance to further improve leadership, advocacy, and awareness of the Framework for Effective Land Administration (FELA) and the merits and benefits of effective land administration at the country level;**
- (c) Provide views and guidance for the implementation of the FELA with the UN-IGIF at the country level, where national circumstances will require further elaboration and adaptation of the FELA towards countries' needs; and**
- (d) Take note of the inventory of issues and the workplan for the period 2023 – 2025 and provide views and guidance for the implementation of the workplan and its activities, including to convene its next in-person meeting, together with an international seminar with the theme “effective land administration”, in Mexico in April 2024.**

**Committee of Experts on
Global Geospatial Information Management
Thirteenth session**

New York, 2 – 4 August 2023

Item 11 of the provisional agenda*

Application of geospatial information related to land administration and management

Annex

Expert Group on Land Administration and Management

Work plan for 2023 – 2025

Background

On 22 July 2022, following informal negotiations by Member States, the Economic and Social Council of the United Nations (ECOSOC) adopted Resolution [2022/24](#) entitled ‘Enhancing global geospatial information management arrangements.’ The adoption of this critical resolution represents a significant endorsement of the Committee’s work and value over the past decade and “reiterates the importance of strengthening and enhancing the effectiveness of the Committee of Experts, particularly for the achievement of its operations focused on the Sustainable Development Goals and the Integrated Geospatial Information Framework, to strengthen and ensure its continued effectiveness and benefits to all Member States”.

ECOSOC decided to enhance the institutional arrangements of the Committee of Experts, 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. ECOSOC further decided to strengthen the work of the Committee of Experts, and requested the Secretary-General, in the context of his next budget proposal, to identify options to do so, within existing resources, including the establishment of a secretariat for the Committee, dedicated to the Committee’s normative and implementation work on global geospatial information management.

United Nations Committee of Experts on Global Geospatial Information Management (UN-GGIM), at its twelfth session, reaffirmed that, for land administration to be effective, it must be fit-for-purpose, appropriate and adequate, interoperable, sustainable, flexible and inclusive, and must have the capacity to accelerate efforts to document, record, recognize and monitor the relationships between people and land in all its forms.

The [establishment](#) of the Expert Group was endorsed by UN-GGIM at its Fifth Session in August 2015 with the following objectives:

- To play a leading role at the policy level by raising political awareness and highlighting the importance to decision makers of the need for timely and fit for purpose land administration and management and;
- To encourage the use of geospatial information tools and systems to improve the legal certainty of all citizens in the world with respect to the registration of the relation between people and land.

Introduction

At the twelfth session of the United Nations Committee of Experts on Global Geospatial Information Management (UN-GGIM) from 3 to 5 August 2022, in its decision 12/109, UN-GGIM welcomed the report of the Expert Group on land administration and management, noted the work and progress of the Expert Group during the intersessional period and the leadership change. UN-GGIM appreciated the continuing efforts by Member States to utilize the Implementation Guide of the UN-IGIF as a

* E/C.20/2023/1

reference resource when considering guidance to implement the Framework for Effective Land Administration (FELA) at the country level and that national circumstances required further elaboration and adaptation of the guidance and recommended actions towards countries' needs, and in that regard welcomed the understanding that land administration should be addressed within an "ecosystem" or "interconnected domains" to be effective.

UN-GGIM also noted that the Expert Group had begun consideration of an inventory of issues to be covered in its updated workplan and, while affirming a continuing focus on promoting and raising awareness of the merits and benefits of effective land administration, to include efforts to raise awareness of and advocate for the country-level implementation of the FELA together with the UN-IGIF, and the role that it could play within the area of climate change and the integration of the terrestrial, maritime and cadastral domains. UN-GGIM further noted efforts of the Expert Group in collaborating with other functional groups of the Committee of Experts, such as the Working Group on Marine Geospatial Information and the Working Group on Policy and Legal Frameworks for Geospatial Information Management, and to continue to work closely with international organizations such as the International Federation of Surveyors (FIG), the International Organization for Standardization (ISO), the Open Geospatial Consortium (OGC), EuroSDR, and academia, as these collaborations further anchor the FELA in the broad programme of work of the Committee.

The Expert Group was encouraged to continue addressing issues including rights, restrictions and responsibilities associated with land; digital and mobile access to land information; the integration of the built environment and the cadastre; and the cybersecurity and data security mechanisms needed to protect vital land information; and noted that efforts to address those issues required integrated information on land tenure, land value, land development, land use and land use change to effectively administer and manage land.

Inventory of Issues

The inventory of issues and thus the areas of focus for the Expert Group in its present three-year term are:

- i] Leadership, promoting and raising awareness of the merits and benefits of effective land administration through:
 - raise awareness of and advocate for the country-level implementation of the FELA together with the UN-IGIF;
 - role of effective land administration within the area of climate change and resilience, and sustainable development.

- ii] The implementation of the UN-IGIF and the FELA at the country-level:
 - leverage the Implementation Guide of the UN-IGIF as a reference resource when considering guidance to implement the FELA at the country level;
 - elaborate and align the UN-IGIF implementation guidance and recommended actions with national circumstances and needs;
 - address effective land administration within an "ecosystem" or "interconnected domains".

- iii] The integration of the terrestrial, maritime, built and cadastral domains; and additional issues related to:
 - rights, restrictions and responsibilities associated with land;
 - digital and mobile access to land information;
 - cybersecurity and data security mechanisms needed to protect vital land information;
 - integrated information on land tenure, land value, land development, land use and land use change.

- iv] Collaborating with other UN-GGIM functional groups and to work closely with relevant international organizations to further anchor the FELA in the broad programme of work of UN-GGIM.

Work plan for 2023 - 2025

For the period 2023 – 2025, the work plan of the Expert Group will focus on:

Focus	Scope	Plans/Activities
Leadership and advocacy	<ol style="list-style-type: none"> 1. Promote and raise awareness of the merits and benefits of effective land administration 2. Encourage, promote and develop guidance for Member States to implement FELA at country level 	<ul style="list-style-type: none"> ▪ Report to the annual sessions of UN-GGIM in 2023, 2024 and 2025 ▪ Convene side events on effective land administration on the margins of the annual sessions of UN-GGIM in 2023, 2024 and 2025 ▪ Convene virtual and in-person meetings of the Expert Group to advance the objectives, functions and work plan of the Expert Group ▪ Convene a third and fourth edition of the International Seminar on Effective Land Administration alongside in-person meetings of the Expert Group
Promote and encourage the implementation of the FELA at the country-level	<ol style="list-style-type: none"> 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 4. Encourage volunteered translation of the FELA into languages other than English to support raising of awareness and promote better understanding. 5. Facilitate sharing and exchange of knowledge, information, experiences, and practices, including relevant use cases and implementation examples. 	<ul style="list-style-type: none"> ▪ Joint activities with EuroSDR and FIG Commission 7 ▪ Joint outcome reports ▪ Joint publications with FIG Commission 7
Integration of terrestrial, maritime, built and cadastral domains	<ol style="list-style-type: none"> 6. Gain better understanding through cooperative project and activities 	<ul style="list-style-type: none"> ▪ The integration of height and chart datums (with the Working Group on Marine Geospatial Information and the IHO-Singapore Innovation and Technology Laboratory) ▪ Authoritative data, data sharing and integration (with the Working Group on Policy and Legal Frameworks for Geospatial Information Management) ▪ Understand the role of open standards, keep abreast with and support the development of ISO 19152 LADM and relevant IHO and OGC standards ▪ Develop a brief or paper to elaborate key considerations in the integration of terrestrial, maritime, built and cadastral domains

Focus	Scope	Plans/Activities
Innovation in land administration and management to strengthen resilience and sustainability	7. Promote effective land administration within an ‘ecosystem’ or ‘interconnected domains’ 8. Address rights, restrictions and responsibilities associated with land; 9. Address digital and mobile access to land information including cybersecurity and data security mechanisms to protect vital land information; 10. Address the integration of information related to land tenure, land value, land development, land use and land use change.	<ul style="list-style-type: none"> ▪ Discuss and consider Scope #7 - #10 during virtual and in-person meetings of the Expert Group ▪ Report on outcomes of considerations to UN-GGIM at its annual sessions in 2023, 2024 and 2025 (an issue at a time)
Engagement and collaboration including to further anchor the FELA in the UN-GGIM programme of work	11. Identify, agree and work on cooperative projects including with UN-GGIM regional committees, functional groups, thematic networks and relevant stakeholders	<ul style="list-style-type: none"> ▪ To continue on-going research project with EuroSDR ▪ To organize a seminar on FELA with WG2 of UN-GGIM-AP at GeoConnect 2023 (14 March 2023) ▪ Cooperation with the International Federation of Surveyors (FIG) Commission 7 including to organize joint sessions/workshops/seminar at FIG Working Weeks² and Commission 7 Annual Meetings³ aiming at effective land administration and the implementation of FELA at the country-level ▪ To organize two (2) in-person expert meetings and international seminar – 4Q2023/1Q2024 (host to be decided), and 2Q2025 (SLA, Singapore).

Thirteenth virtual meeting,
21 February 2023

² May 2023 (Orlando, United States of America; May 2024 (Accra, Ghana); May 2025 (Brisbane, Australia)

³ September/October 2023 (Netherlands)