



# Expert Group for Effective Land Administration (EG-LAM)

## United Nations Committee of Experts on Global Geospatial Information Management (UN-GGIM)

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United Nations Committee of Experts on  
Global Geospatial Information Management

EXPERT GROUP ON  
LAND ADMINISTRATION AND MANAGEMENT

Positioning geospatial information to address global challenges

[ggim.un.org](http://ggim.un.org)

## Background, UN 2030 Agenda, EG-LAM and FELA framework



- Considering that an estimated 70% of humanity does not enjoy secure rights to land and property,
- There is an urgent need to accelerate efforts to document, register, and recognize people-to-land relationships in all their forms.
- The Expert Group acknowledged this pressing need, fully aware of the diverse social, economic, and environmental circumstances at both national and sub-national levels.
- UN-GGIM recognized the importance of the necessity of geospatial information as an essential foundation for an effective land information system, in order to support land policies, secure tenure, property rights, sustainable development, and environmental, economic, and social well-being.
- Therefore, it is essential to **promote and raise awareness of the merits and benefits of effective and efficient land administration** and management systems.
- It is also crucial to develop **guidance** through a general policy framework that Member States can refer to.



# Expert Group for Effective Land Administration (EG-LAM)



## The Expert Group must:

- Consider and incorporate all globally accepted concepts and approaches for effectively and efficiently relating people to land;
- To document, register, and recognize people-to-land relationships in all their forms in order to ensure land and property rights for all. (*data for land SDG indicators still remain a big challenge*)



# EG-LAM Membership

28 member states

11 non member states

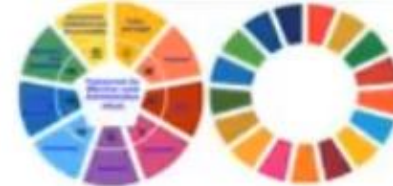
For 2026, update and  
include new members.

## Member States

- ▶ Barbados
- ▶ Belgium
- ▶ Burkina Faso
- ▶ Canada
- ▶ Chile
- ▶ China
- ▶ Egypt
- ▶ Finland
- ▶ Germany
- ▶ India
- ▶ Iraq
- ▶ Jordan
- ▶ Korea (Republic of)
- ▶ Lesotho
- ▶ Mexico
- ▶ Morocco
- ▶ Netherlands (Kingdom of the)
- ▶ Norway
- ▶ Philippines
- ▶ Singapore
- ▶ Spain
- ▶ Sri Lanka
- ▶ State of Palestine
- ▶ Suriname
- ▶ Sweden
- ▶ Tajikistan
- ▶ Tonga
- ▶ United Kingdom

## Non-Member State

- ▶ International Hydrographic Organization
- ▶ Food and Agriculture Organization
- ▶ UNECE-WPLA
- ▶ UN-Habitat-GLTN
- ▶ World Bank
- ▶ Standards Development Organization (Open Geospatial Consortium)
- ▶ Standards Development Organization (International Organization for Standardization-TC 211)
- ▶ UN-GGIM: Geospatial Societies (International Federation of Surveyors)
- ▶ UN-GGIM: Academic Network (University of Melbourne)
- ▶ UN-GGIM: Private Sector Network (Esri)
- ▶ UN-GGIM: Private Sector Network (Hexagon Geosystem)



# EG-LAM Major Objectives

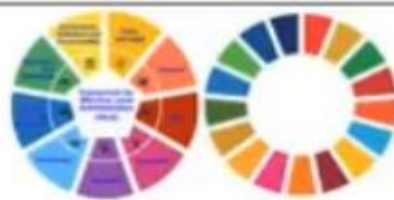


Play a leading role at the policy level by raising political awareness and highlighting the importance to decision makers of the need for timely and fit for purpose land administration and management

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.



# How are we currently persuing this?



## Global level

- Disseminate examples, use cases and good practices
- Organize international seminars, forums and workshops (need to increase virtual activities to engage globally)

## Regional

- Engage regional committees of UN-GGIM, better understand where Non-member states and UN-Agencies are supporting, and where there is the need to put the focus.
- Attend and contribute to regional and sub-regional engagement and activities

## National

- Get FELA into the agenda of countries and the institutions that work with cadaster and land administration.
- Provide diagnosis tools to countries to be aligned with FELA principles.
- Align with international and to support specifically to countries, as every country as its own needs and realities.





# EG-LAM Work Plan 2024-2025

*(report in progress)*

## Focus area 1: Leadership and Advocacy

### Scope:

- Raise awareness of benefits of effective land administration
- Promote and develop guidance for FELA implementation



### Reported Activities:

- Regional Seminar on Effective Land Administration & Management in New Delhi, India, (Nov 2024) – emphasized leadership, country experiences, and FELA awareness
- UN-GGIM-AP WG2 Meeting (Nov 2024) – promoted young leadership and fit-for-purpose principles
- FELA Global Webinar (July 2025) – will focused on global awareness and examples.
- 12th Plenary with Arab States (Feb 2025) – introduced FELA to new regional actors
- 5<sup>th</sup> Plenary Meeting of the Subcommittee on Geodesy
- FIG Working Week Brisbane
- Virtual meetings to support WG-LAM Americas
- FELA FIG presentations are set for the Comité Permanente del Catastro en Iberoamérica and the COBRAC event in Brazil in November 2024
- More in the full report

### Outcomes:

- At some degree or other, FELA is being disseminated at all regions around the globe.
- Challenge on getting the message of these events to global and local community. ¿How can we better raise awareness on FELA to the world, to the cadaster institutions? What does it mean to "implement FELA" sometimes this is not clear for Member States, design a tool to identify how FELA is already achieved partially in countries?





# EG-LAM Work Plan 2024-2025

*(report in progress)*

## Focus area 2: Promote and Encourage FELA at Country Level

### Scope:

- Adapt UN-IGIF Guide for FELA
- Support implementation aligned with national needs
- Share examples, promote translations

### Reported Activities:

- *FELA Webinar (upcoming, July 2025)* – will present implementation use cases
- Direct support to the Americas WG.
- FELA surveys in Europe to be implemented in the Americas. The EG-LAM should promote to be adapted and encourage to be responded globally.
- Several actions from organizations: EuroSDR, EuroGeographics, UN-Habitat, FIG7, UNGGIM.
- *Translations of FELA into 5+ languages*

### Outcomes:

- UNGGIM Americas WG Land Administration disseminating FELA in the region
- Create awareness and to promote the implementation of FELA en Arab States, Americas.
- Challenge: Elaboration of document with success cases around the world, how FELA is being implemented, methodologies, etc.
- Challenge: *adapted UN-IGIF Implementation Guide for FELA*
- [EuroSDR Official Publication No 77 Advancing FELA II \(2024\)](#), [EuroSDR Official Publication No 77 Advancing FELA II \(2024\)](#).





### Focus area 3: Innovation in Land Administration



## EG-LAM Work Plan 2024-2025

*(report in progress)*

#### Scope:

- Promote ecosystem-based approaches
- Address rights, restrictions, responsibilities (RRR)
- Explore digital access and cybersecurity
- Integrate tenure, value, development, and land use data

#### Reported Activities:

- *Regional Seminar on Effective Land Administration & Management in New Delhi, India – highlighted AI-GIS, public-private tech innovations*
- *Domain integration workshops – addressed information systems and data standards*

#### Outcomes:

- Innovative practices showcased (e.g., AI, digital mapping platforms)
- Broader recognition of land information as an ecosystem
- *Cybersecurity and digital access not explicitly covered in current reports. Challenge*
- Opens door to more targeted work on digital infrastructure in future cycles. Need to focus on this for next work-plan.





# EG-LAM Work Plan 2024-2025

*(report in progress)*

## Focus Area 4: Integration of Terrestrial, Maritime, Built and Cadastral Domains

### Scope

- Gain better understanding through cooperative projects

### Reported Activities:

- *Side Event at 14th UN-GGIM Session (Aug 2024)* – Integration forum
- *“Joining Land and Sea” Workshop (Dec 2024)* – highly technical and collaborative
- *WG2 Questionnaire and Compilation Report (ongoing)* – gathers Member State input
- *Subcommittee on Geodesy Meeting* – strengthened collaboration on integration
- *Arab States and other regional meetings* – included awareness sessions
- *Development of a Guiding Document* – in progress

### Outcomes:

- Numerous activities and collaborative efforts completed or underway.
- Compilation Report on the Integration of Terrestrial, Maritime, Built and Cadastral Domains: Part 1: Terrestrial and Maritime Domains.
- Challenge on how to close the gap between technical meetings and land administration institutions that could implement those methodologies.





# EG-LAM Work Plan 2024-2025

*(report in progress)*

## 5. Engagement and Collaboration

### Scope:

- Foster cooperation with regional committees, functional groups, and stakeholders

### Reported Activities:

- *Activities in Arab States, Asia-Pacific region, Americas, Europe and Africa, with challenges.*
- *Work with WG-MGI, Subcommittee on Geodesy, UN-GGCE*
- *Workshops with FIG, UNGGIM, Academic Network Europe, looking to reach Americas.*
- *Translation and webinar support from UN-GGIM: Americas*

### Outcomes:

- Multilateral cooperation elevated EG-LAM's technical and political visibility
- Events co-hosted with regional and international partners strengthened legitimacy
- Regional ownership improved through active engagement
- Foundation laid for long-term institutional collaboration





## Future and challenges

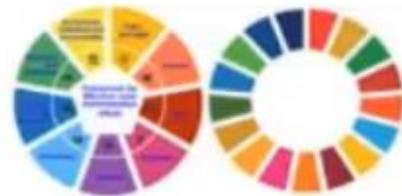


*Looking as on the 2023–2025 progress and scope of the EG-LAM workplan, here are **key challenges** the Expert Group may face in fully achieving its objectives in 2026 and beyond, along with strategic implications:*

- **Adoption of IA for land sector:** The expert group again expressed the need to embrace new technology such as GeoAI to improve the access and use of land information.
- **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.



## Future and challenges



- **National-Level Implementation of FELA:** While awareness of FELA has increased, actual implementation at the national level remains uneven. Countries may lack the technical capacity, institutional mandate, or political support to integrate FELA. Therefore, tailored implementation guidance, national capacity-building, and stronger government engagement.
- **Engagement from Underrepresented Regions:** Despite dissemination and technical on person activities, FELA is still not very well known or understood in many countries. Provide more virtual activities to raise awareness, and virtual companion to reach FELA principles, involve more actors to the EG.





## Future and challenges



- **Fragmentation of Geospatial Governance:** Land administration often remains and depends on several institutions with different policies and laws that do not converse with each other. Inter-agency data sharing, policy integration, and institutional cooperation are difficult. Provide short, medium and long term solutions for common issues like this.
- **EG-LAM more connected:** There are several organizations, programs, UN Agencies, committees and others, that are making efforts, softwares etc, related to land administration. There is a gap on how to effectively connect to all this community. Involve more actors to the membership of EG-LAM, oversee global efforts effectively.
- **Cybersecurity:** Digital transformation of land systems introduces vulnerabilities (e.g., data privacy, cyberattacks). Governments and institutions may resist to incorporate new technology for this reason. (not fully covered in this work plan period).
- **Development of a Centre of Excellence supporting Effective Land Administration:** proposal of UN Center of Excellence in Riyadh. The EG-LAM see it as a key opportunity to close the implementation gap and to help operationalize both FELA and LADM through collaboration, tailored assistance, and knowledge sharing.

You are invited to join  
and please help us  
disseminate this event!

Global FELA Webinar  
17 July, 17:00 hrs Paris

English and Spanish



ORGANIZED BY UN-GGIM EXPERT GROUP  
FOR EFFECTIVE LAND ADMINISTRATION  
(EG-LAM)

**SAVE THE DATE**

Thursday  
**17 JULY**  
15:00 GMT

**UNLOCKING FELA**  
A global dialogue on land administration

**MAIN TOPICS**  
Fundamentals of the FELA framework  
Technology and platforms for land administration  
Countries implementing FELA  
Land administration supporting global challenges



Open event, **Add to your calendar now**



# Acknowledgment

- This workshop is a **highly valuable contribution** to the global dialogue on land governance. The discussions and insights generated through this event are critical for strengthening both the conceptual understanding and practical implementation of FELA across diverse contexts.
- To truly maximize the impact of this knowledge, it is essential that we **disseminate the outcomes broadly at the global level**. This includes making the materials, key findings, and presentations accessible to stakeholders across regions, languages, and institutional levels. Furthermore, we strongly encourage the members for **more virtual sessions**, which would enable wider participation—especially from underrepresented regions and those unable to attend in person.
- Such efforts will not only support the goals of the Expert Group on Effective Land Administration (EG-LAM), but also help accelerate the equitable and inclusive implementation of FELA in alignment with the SDGs and the UN Integrated Geospatial Information Framework (UN-IGIF).



***I Wish you a successful  
workshop and networking!***

