

Framework for Effective Land Administration

A reference for developing, reforming, renewing, strengthening, modernizing, and monitoring land administration



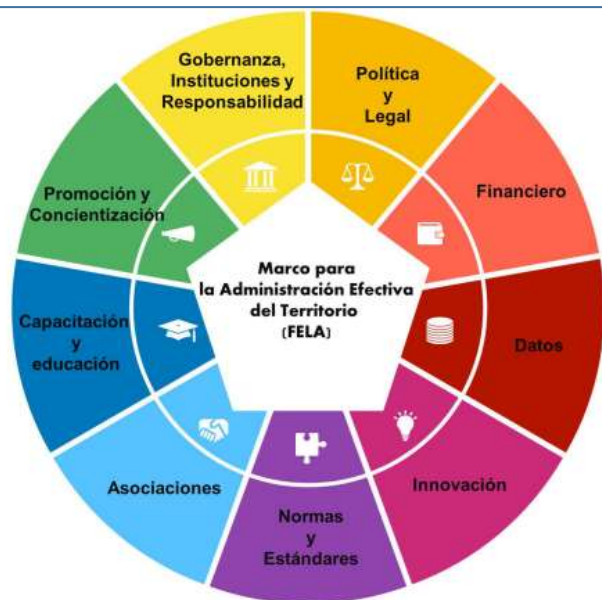
UN-GGIM
UNITED NATIONS
COMMITTEE OF EXPERTS ON
GLOBAL GEOSPATIAL
INFORMATION MANAGEMENT



Amalia Velasco

Framework for Effective Land Administration

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It is the Guide that the United Nations assumes to recommend to all countries on the management of the territory.



UN-GGIM Expert Group on Land Administration and Management

Environmental statistics Geospatial data

Framework for Effective Land Administration

Two main drivers of change



Considering that an estimated 70 per cent of humanity does not enjoy secure land and property rights,

There is a need to accelerate efforts to document, record and recognize people's relationships with territory in all its forms.

UN-GGIM Expert Group on Land Administration and Management

"...50% of the goals of the 2030 Agenda (UN) for sustainable development are related to land."

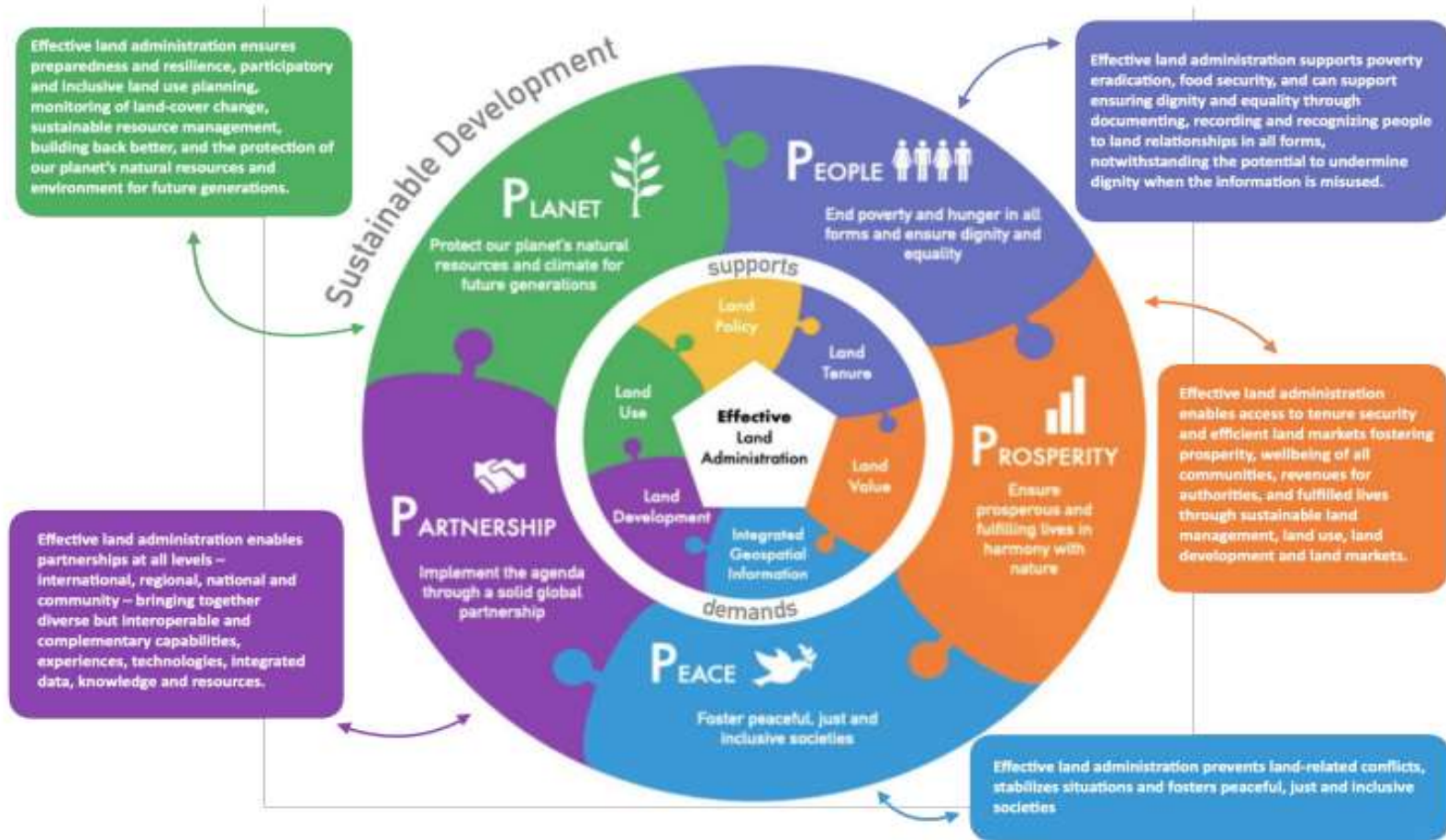
Dieter Lübeck
Revista GIM, agosto 2016





The Framework for Effective Land Administration

Sustainable development demands effective land administration



Sustainable development demands effective land administration, realized through integrated geospatial information, for land policies, land tenure, land value, land use, and land development.

FELA is a general policy guide.

provides a reference for Member States when establishing, strengthening or coordinating their land administration and management system at the national or subnational level.

It has been designed for both developing and developed countries



It has been translated to several languages
Arabic, Chinese, Spanish, etc...

FELA en español:
https://ggim.un.org/documents/Marco_para_la_Administracion_Efectiva_del_Territorio.pdf



Global Development Frameworks

UN-GGIM 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)

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

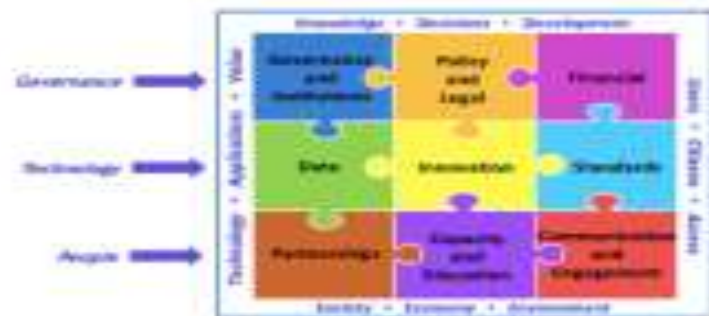
Global Fundamental Geospatial Data Themes
Global Geodetic Reference Frame (GGRF)
National Institutional Arrangements in Geospatial Information Management
Role of Standards in Geospatial Information Management
Compendium on Licensing of Geospatial Information
Statement of Shared Guiding Principles for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



UN-GGIM

United Nations Committee of Experts on Global Geospatial Information Management

:: Setting The Scene >> UN - G G I M



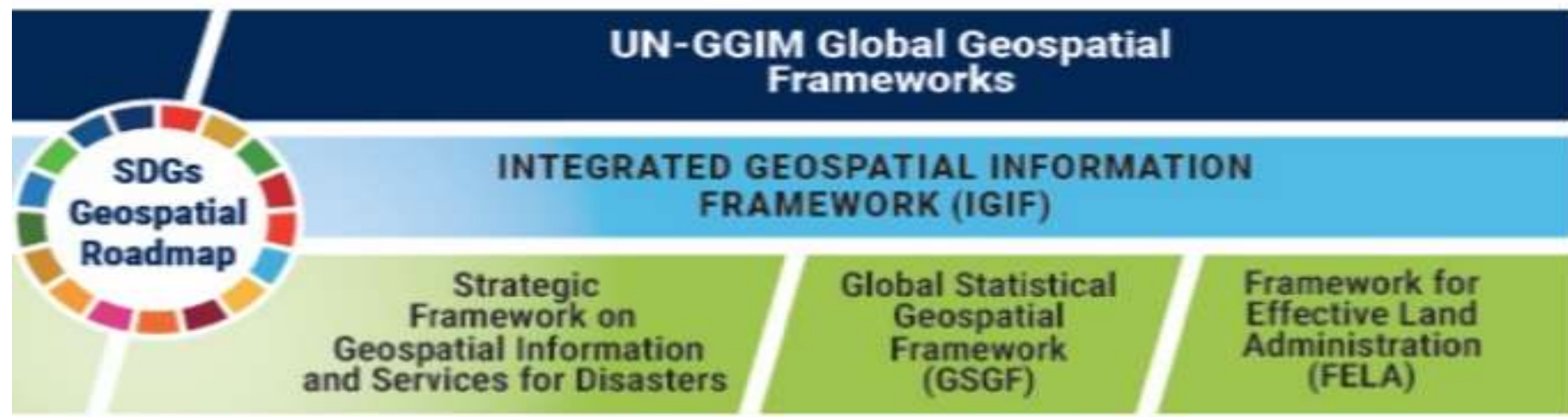
IGIF - Integrated Geospatial Information Framework,
Overarching Framework adopted at 8th Session, 9 Strategic Pathways,
Implementation Guide

...But For The Land Sector...

FELA implements de IGIF for the land sector

FELA - Framework for Effective Land Administration,
 adopted at 10th Session, developed by EG-LAM, 9 Pathways, fully aligned with the IGIF*.





They are FRAMEWORK statements.
Important because they mark the guidelines that the UN recoments.
But they are write in a "Very general" language..."high level"

Subsequent steps are necessary to specify actions.
Implementation guides.
with good practices as examples
Documents applying them to each country and situation.
Country level action plan





Implementing the Framework for Effective Land Administration

Sustainable development demands effective land administration



Graphic adapted from: Unger, E.M., Bennett, R., Lemmen, C., de Zeeuw, K., Zewerbergen, J., Tes, C., Crangvoets, J. (2020) Global policy transfer for land administration and disaster risk management. In: Land Use Policy, December 2020

'Policy Transfer' means the process by which actors borrow policies developed in one setting to develop programs and policies within another (Dolowitz & Marsh, 1996)

Two concepts:
institutional and/or networked approach

Vertical Policy Transfer

(a) UN/UN-GGIM/EG-LAM (FELA)/Regional/National - between governance layers



Implementing the Framework for Effective Land Administration



- a. Raise awareness and promote the usefulness of the FELA;
- b. Develop guidance to implement the FELA utilising the IGIF Implementation Guide;
- c. Develop an assessment mechanism to support the implementation of the FELA;
- d. Share and exchange knowledge, information, use cases, practices, experiences and examples; and
- e. Engage and collaborate with regional committees.

Why FIG should help?

Global Driver



The 2030 Sustainable Development Agenda, adopted by world leaders in 2015



National Association Driver

National Association and here especially Com 7 members are often responsible for delivering Land Administration services and to report on SDGs indicators related to land.

OBJETIVOS DE DESARROLLO SOSTENIBLE









How FIG should help?

Working Group

With FELA now being adopted, there is a great opportunity to disseminate amongst Com7 members and to jointly work on its implementation at a country level.

We know what needs to be done


 WORKING GROUP: **FELA**
 Deventer 4/10/2023

| FELA Goals | FELA Requirements | FELA Pathways |
|--|--|--|
| Transparency and accountability increased | Accountable and transparent governance | Governance, Institutions and Accountability*  |
| Gender-responsive and inclusive of vulnerable groups | Inclusive and recognizes all forms of tenure | Policy and Legal  |
| Affordable investments and economic return assured | Affordable with sustainable business models | Financial  |
| Reliable data and service quality attained | Data maintained, secure and not duplicated | Data  |
| Responsible and innovation oriented | Upgradable systems and approaches | Innovation  |
| Interoperability and integration supported | Considers internationally agreed standards | Standards  |
| Cooperation, partnership, and participation leveraged | Strengthens partnerships and supports collaboration | Partnerships  |
| Capacity, capability, knowledge transfer and exchange attained | Facilitates capacity development and knowledge transfer and exchange | Capacity and Education  |
| National engagement and communication enhanced | Advocates for effective land administration | Advocacy and Awareness*  |

We know what needs to be done

Digital Transformation of Land Administration: Stages, Status, and Solutions

Rohan BENNETT, Australia, Suren TOVMASYAN, Armenia, Indra HUTABARAT,
 Clava PATRAMA PUTRA GINTING, Aulia LATIF, Indonesia, Eva-Maria UNGER,
 Austria, Vincent VERHEIJ and Haico van der VEGT, The Netherlands

Key words: Armenia, Indonesia, UN-GGIM, FELA



Table 1. Digital Transformation opportunities and challenges

| Pathway | Opportunities and Challenges |
|--|--|
| Governance, Institutions and Accountability | Vision for ATR/BPN digital transformation that is holistic Digital transformation champions at multiple levels Alignment of digital strategies with ATR/BPN and with external stakeholders |
| Law and Policy | Legislative and regulatory harmonisation Assessment of a positive system of land registration Ensuring workable, enforceable, and are adequately resourced law |
| Finance | Sustainable business model post-2025 Government business enterprise model exploration Audit and assessment of PPP service models Performance metrics redesign around benefits realisation and SDGs |
| Data | Vision for data governance across ATR/BPN, post-2025 R&D audit and review on cadastral and land registration data Fast-tracking mapping 126M parcels by 2025 (keep going!) Developing and implementing better quality assurance standards Ensuring a robust federated database infrastructure is developed |
| Innovation | Formalised innovation bench making program across ATR/BPN Incentive schemes at all levels Formalise R&D collaborations across sector Digital divide audit |
| Standards | Audit governance of standards in ATR/BPN Assess range of technology and data initiatives in terms good practices Development of both internal and industry-wide certification protocols Fostering of a community of practice to support awareness raising |
| Partnerships | Reviewing partnership and establishment new partnership ecosystem (NGOs) Assess PR 38/2015 with regards to land sector PPPs PaLaR (i.e., FFPLA) review on embeddedness into PTSL Donor-working group creation for optimisation |
| Capacity and Education | Plan for keeping capacity in ATR/BPN Fast-tracking skill areas for maintaining the data Support professional bodies and encourage self-accreditation |
| Communications and Awareness | Revisit key stakeholder lists and related communications plans Ensure World Bank project comms are institutionalised Examining the current monitoring and evaluation mechanisms |

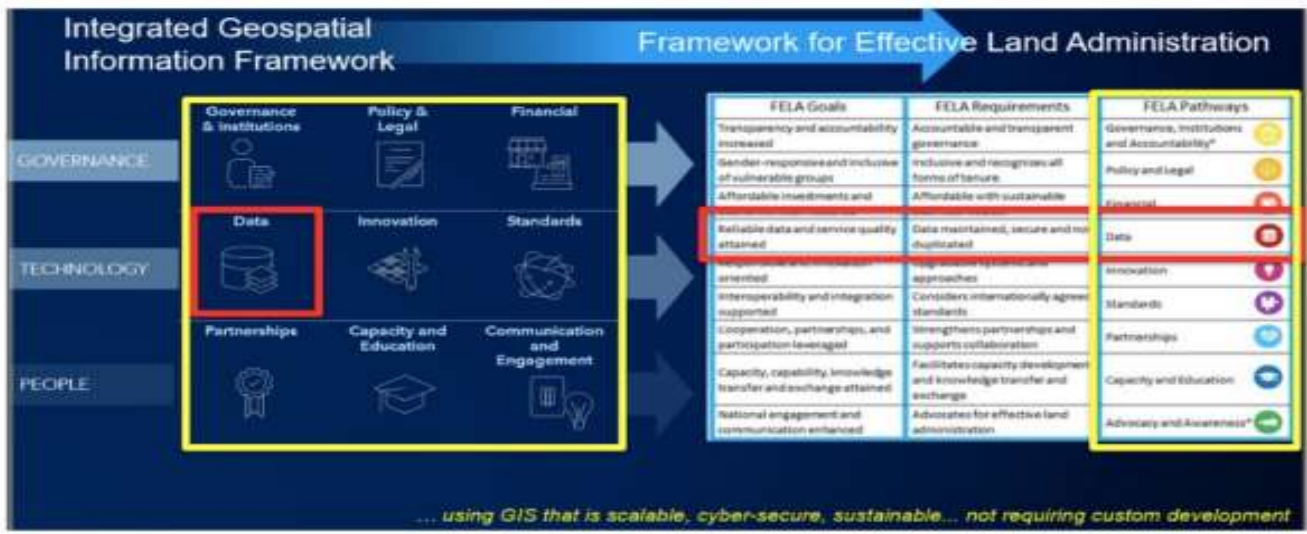
Source: https://fig.net/resources/proceedings/fig_proceedings/fig2022/papers/ts04b/TS04B_bennett_unger_et_al_11482.pdf

Now we have to do it, put it into practice.

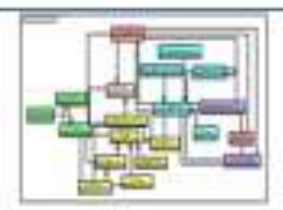
We have help

GIS in Land Administration
Can Help You Implement the FELA
and Support the SDG's
 BRANDON TOURTELOTTE, USA

Key words: Land Administration, Framework for Effective Land Administration, FELA, Operationalize, Standards



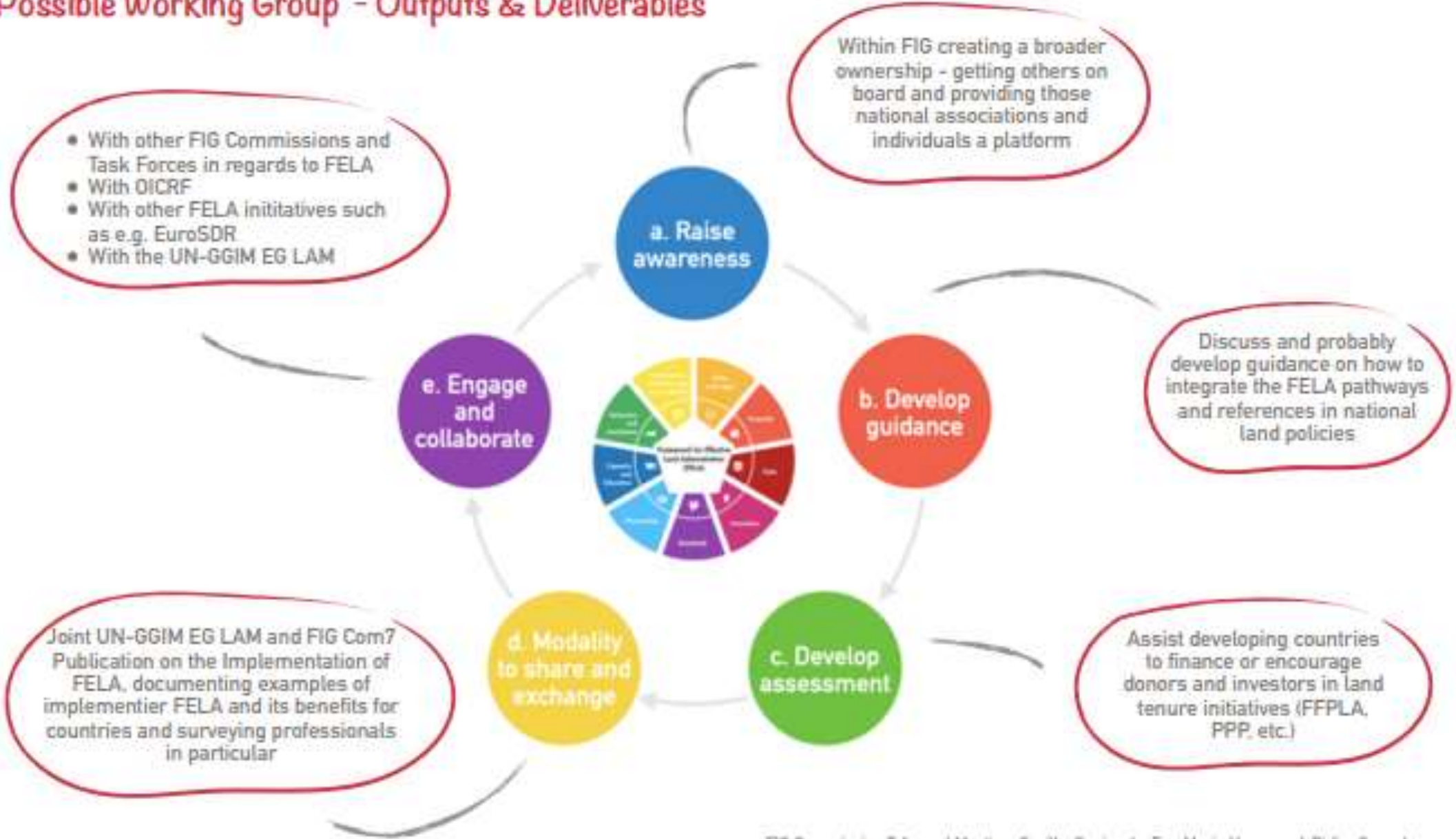
Source: https://fig.net/resources/proceedings/fig_proceedings/fig2022/papers/ts02a/TS02A_tourtelotte_11559.pdf



LADM

The technology is not the problem

:: Possible Working Group - Outputs & Deliverables



Working Group 7.1 – Framework for Effective Land Administration (FELA)

FIG C7 provides the ideal network to support awareness, implementation and monitoring of FELA. It can also help to improve FELA. WG 7.1 will drive this advocacy of FELA across Member Associations, collect case stories and best practices, and also ensure FIG has its say, staying *relevant*, in the UNGGIM Expert Group on Land Administration and Management and regional UNGGIM events.

Policy Issues

- Poverty Reduction; Gender Equality; Sustainable Cities and Communities; Reduced Inequalities; Climate Action; Life on Land; Partnerships (i.e., SDGs 1, 5, 10, 11, 13, 15, 17 – including diagnosis and monitoring of)
- FELA Pathways: All

Chair

- Amalia Velasco, Spain
- Key Players: Eva-Maria Unger, Netherlands; Carmen Ribera, Spain
- Cooperation: UNGGIM Expert Group on Land Administration and Management (Kean Huat Soon and Victor Khoo)

Specific project(s)

- FELA Advocacy and Awareness
- FELA Case and Lesson Capture

Publication(s)

- FELA & FIG: Implementation, Practice and Lessons (Report or Guide)

Timetable

- 2023: Kick-off including state-of-play and recap of previous developments
- 2024: Case and Lesson Capture 1; Advocacy and Awareness 1
- 2025: Case and Lesson Capture 2; Advocacy and Awareness 2
- 2026: Reporting and finalisation

Implementing the Framework for Effective Land Administration



Practice

- Online platform with FELA as overarching framework
- Direct links to existing and globally recognized tools
- Provide forum for practitioners

Theory

- Involve academic and research institutions
- Engage with other relevant domains (environmental etc.)

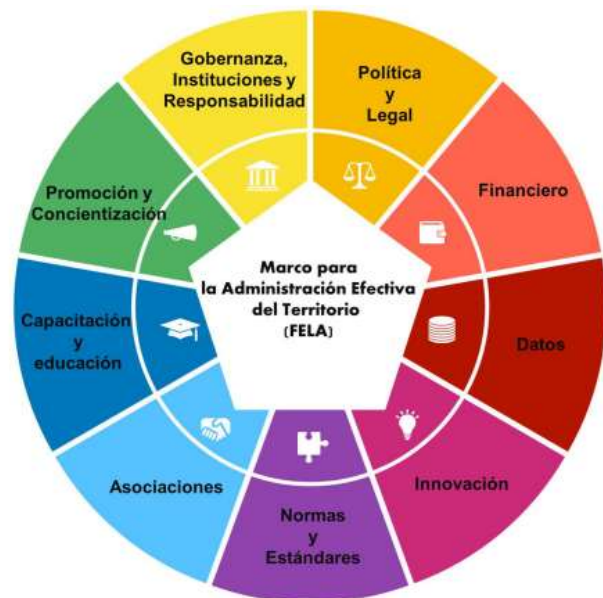
Handbooks

- Develop handbooks and checklists based on in-country experiences


The final objectives of this group is

Ensuring awareness of FELA in National Land Administration institutions as a tool to detect problems and propose solutions with special attention on developing countries.

Making FIG members aware of the application of the principles of the FELA in their professional activity.



Also my personal objective:
FELA can be very useful for national cadastres in justifying a strategic plan and in defining its strategic indicators.

Some people have already shown their interest and we have formed a group: 

We have people from all 5 continents.

From land administration organizations, universities, IT companies etc...



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allying with other work of FIG commission 7, and based in the skeleton plan for the intended publication (scheduled for 2025-26) our plan is to establish two lines of work

1. 'FELA country examples': analysing examples of national cases, with a especial focus in how to resolve the main problems encountered by national land administration organizations in implementing FELA principles.
2. and 'new tools for FELA application' as develop a recommendations list for FIG members in application of FELA principles or develop a FIG guide on FELA implementation at national level.

These 2 lines of work are also fully aligned with UNGGIM-LA in the objectives that they have set: 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

but from a very practical point of view that we want to be the main way of acting of our working group

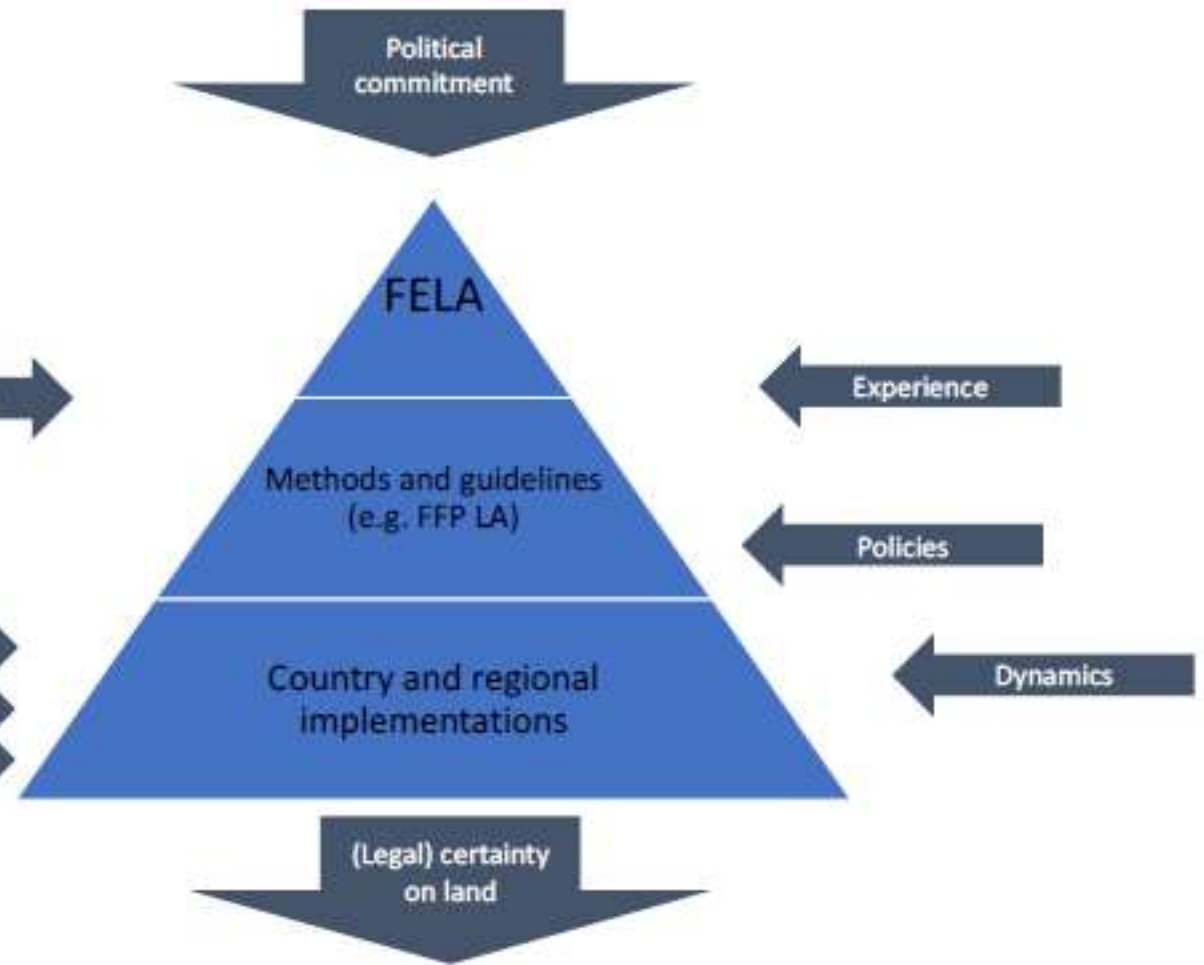


NATIONAL IMPLEMENTATION



Knowledge

Practice
Capacity
Advice





Implementing the Framework for Effective Land Administration

Sustainable development demands effective land administration

THE GENERAL LAW OF CADASTRE AND PUBLIC REGISTRY OF PROPERTY



THE GLCPRP AND FELA

INEGI and SEDATU did a review in order to guarantee that the FELA precepts are considered in the Law



THE GLCPRP AND FELA

FELA

- [Page 9] - Proclaim specific recognition related to housing, food, and property ownership by returning indigenous, migrant, and refugee groups.
- [Page 12] Given that a large proportion of humanity does not enjoy registered rights to land and property, it is necessary to accelerate efforts to document, record and recognize the relationships between people and the land in all its forms.

General Law

- [Art 2] - Promote conditions of substantive equality in the territory through the application of collection measures that discourage discrimination, segregation or marginalization of individuals or groups in property rights.
- [Art 2]. The objectives of this Law are:
 - (...)
 - iii. Strengthen the legal and administrative certainty of the real rights over the Premises, through the publicity and transparency of the legal acts celebrated in adherence to the applicable regulations in each Federal Entity;
 - (...)



UN-GGIM

United Nations Committee of Experts on Global Geospatial Information Management

Expert Group on Land Administration and Management

Thinking of a line of work that helps with a greater dissemination and understanding of FELA, from real cases



In the province of Córdoba, Argentina is initiating a new cadastral reform project, which integrates the activity of the province with the municipalities and some functions of land management and will be done focusing on FELA with BID financing.



In April we will have a UNGGIM-LA meeting in Latin America on the implementation of FELA to which the countries of the Permanent Committee of the Cadastre in Iberoamerica will be invited and that I extend to the members of FIG

But we need help in this work

Thanks for you attention



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