

FRAMEWORK FOR EFFECTIVE LAND ADMINISTRATION (FELA)

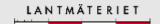
UN-GGIM AND

UN-GGIM EXPERT GROUP LAND ADMINISTRATION AND MANAGEMENT (EG LAM)

HTTPS://GGIM.UN.ORG/







UN-GGIM – EG LAM

- Implementation of the Framework for Effective Land Administration (FELA)
- Strengthening of integrated geospatial information management and its arrangements, leadership, resources and capacities
- Integration of terrestrial, maritime, built and cadastral domains
- Etc.

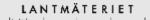








E/C.88/0020/29/9462



FRAMEWORK FOR EFFECTIVE LAND ADMINISTRATION

Framework for Effective Land Administration

Framework for Effective Land Administration

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

E/C.20/2020/29/Add.2

The United Nations Committee of Experts on Global Geospatial Information Management (UMGGM) as the apex litergovernmental body seeks to play the lead not in setting the agends for global geospatial advantation management and to promote its use to address key global challenges. UM GGM in the forum to liste and coordinate among Member States, and between Member States, international organizations and stakeholders.





Secretariat for the United Nations Committee of Experts on Global Geospatial Information Management Global Geospatial Information Management Settlen Satistics Division

Department of Economic and Social Affairs United Nations

Transport for (Plantial Land Administration

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People - End poverty and hunger in all forms and ensure dignity and equality	11
Planet - Protect our planet's natural resources and climate for future generations	
Prosperity - Ensure prosperous and wellbeing of communities	
Peace - Foster peaceful, just and inclusive societies	
Global commitment	
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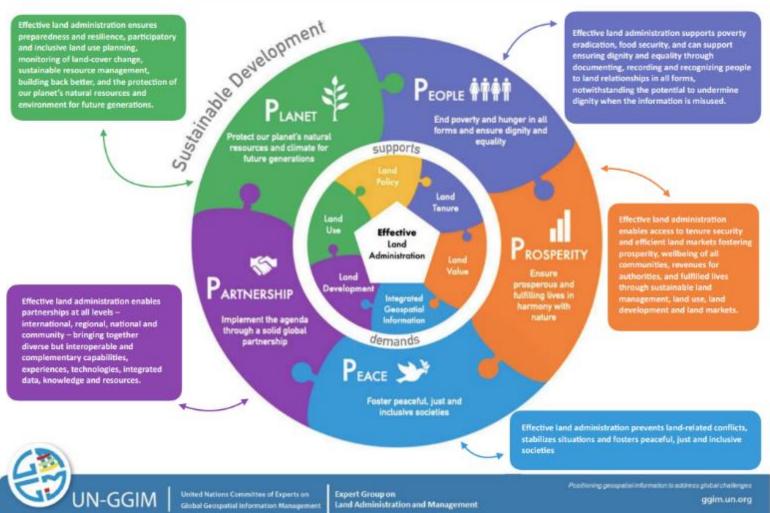
Framework for Effective Land Administration Drivers of change

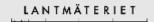


FELA with its nine pathways seeks to provide the reference and guidance for Member States when establishing, strengthening, coordinating and monitoring their land administration nationally or sub-nationally. FELA aligns directly with the overarching and strategic United Nations Integrated Geospatial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



Framework for Effective Land Administration





WHAT ARE THE FELA STRATEGIC PATHWAYS?

Framework for Effective Land Administration

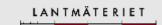
FELA with its nine pathways is an overarching policy guide and provides a reference for Member States when establishing, strengthening, coordinating, and monitoring its land administration nationally or subnationally.



FELA aligns
directly to the
overarching and
strategic IGIF.
FELA implements
the IGIF for the
land sector. All
pathways are
linked and
overlap and
address a specific
objective.

ggim.un.org





THE REAL PROPERTY OF THE PARTY OF THE PARTY

Expert Group on Land Administration and Management (EG – LAM)

- was endorsed in August 2015
- Currently Chile and Singapore appointed as co-chairs

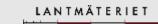
Objectives

- Lead at the policy level;
- Encourage the use of geospatial information tools and systems.

Functions

- Provide a forum for global experts;
- Propose work plans to address governance, data management, institutional and technology adoption and sustainability issues;
- Undertake work that contributes to the Sustainable Development Goals;





Members of EG - LAM

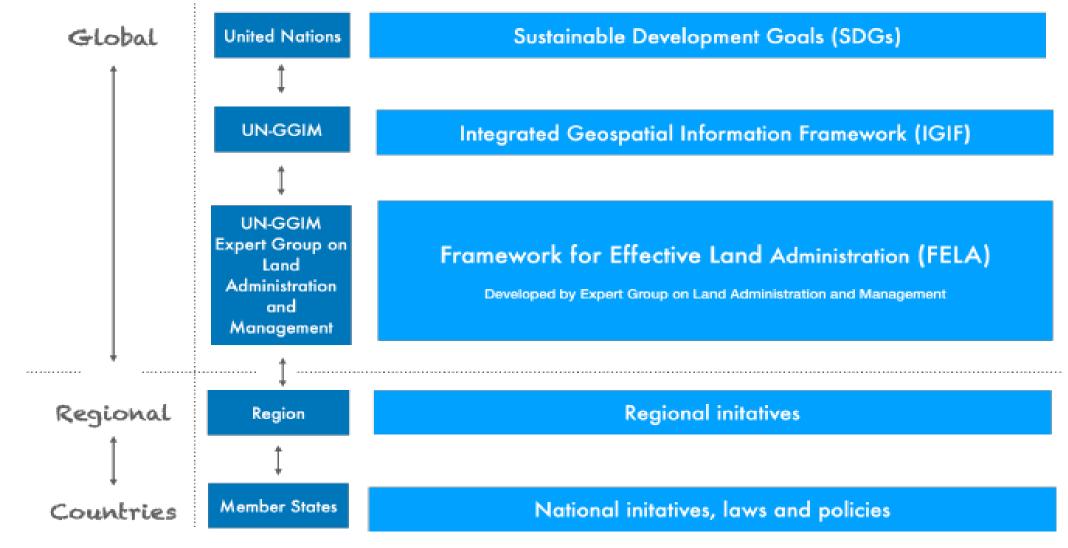
	Member States		Member States		Professional Bodies
1	Barbados	1 5	Mexico	1	IHO
2	Belgium	16	Morocco	2	FAO
3	Burkina Faso	17	Netherlands	3	UNECE-WPLA
4	Canada	18	Norway	4	UN-Habitat/GLTN
5	Chile	19	Philippines	5	World Bank
6	China	20	Saudi Arabia (Kingdom of)	6	Standards Development Organisation
7	Egypt	21	Singapore		UN Network
8	Finland	22	Spain	7	UN-GGIM: Geospatial Societies
9	Germany	23	Sri Lanka	8	UN-GGIM: Academic Network
10	Guyana	24	Suriname	9	UN-GGIM: Private Sector Network
11	India	25	Sweden		
12	Korea (Republic of)	26	Tonga (Kingdom of)		
13	Kuwait	27	United Arab Emirates		
14	Lesotho	28	United Kingdom		





Implementing the Framework for Effective Land Administration

Sustainable development demands effective land administration



The state of the s

PRINCIPAL WORK

Implementing the FELA at the national level and in collaboration with regional comitees functional groups and international organitations

Regional Committee of UN-GGIM for Asia and the Pacific (UN-GGIM-AP)

Resolution of Working Group 2 - Cadastre and Land Management

- Recognizing the importance of the strategic work plan 2023-2035 of the Expert Group on Land Administration and Management (EG-LAM);
- Implementing the Framework for Effective Land Administration (FELA) at the national level and in collaboration with regional committees, functional groups and international organizations;
- Encourage member States to engage in the Framework for Effective Land Administration, especially by translating it in their own languages and practically implementing it, leverage the UN-IGIF Implementation Guide, and work with the UN-GGIM Expert Group on Land Administration and Management;









Very far away of cadastre (local)



and international organitations







Main Objective:

Demonstrating interoperability between land and marine data that is necessary to understand coastal environments and land-sea interactions.





- . Maritime and Port Authority of Singapore (MPA)
- National Oceanic and Atmospheric Administration (NOAA)
- Natural Resources Canada (NRCan)
- . Singapore Land Authority (SLA)
- UK Hydrographic Office (UKHO)

https://www.ogc.org/initiatives/fmadi4/

per pages per org/FMSDt2023/

UN HABITAT FOR A BETTER URBAN FUTURE



ISO Land Administration Domain Model (LADM) Community



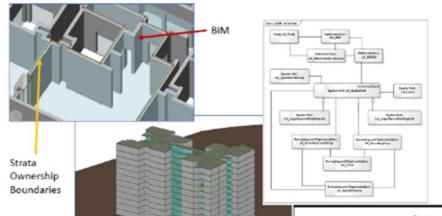


LADM v2 Part 6: Implementation Aspects



- OGC SWG Land Administration standard components:
- 1. Methodology for developing a country profile
- 2. Technical model / encodings (ISON, XML, INTERUS, RDF, IFC, ...)
- Management and maintenance of semantically rich code list values (SKOS)
- 4. Procedures / workflows (land registry, marine georegulation, valuation information, spatial plan-
- OGC SWG LA standard(s) will become ISO LADM part 6
- ISO TC211 standards become CEN TC287 standards by parallel voting (Vienna agreement)

Integrating Built Environment and Cadastre





- 1. Design vs. Imaginary **Ownership Boundaries**
- 2. Physical vs. Imaginary **Ownership Boundaries**
- 3. Design vs. Physical

«featureType» Spatial Unit::LA LegalSpaceBuildingUnit

- extPhysicalBuildingUnitID: ExtPhysicalBuildingUnit [0..1]
- type: LA BuildingUnitType [0..1]

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



Chair(s):

Amalia Velasco, together with Eva María Unger and Carmen Femenia



Objectives:

- Develop a FIG guide on FELA implementation a national level.
- Study of the main problems encountered by national land administration organizations in implementing FELA principles.
- Examples and analysis of national cases:
- Develop a recommendations list for FIG members in application of FELA principles







International Office for Cadaster and Land Records OICRF is a permanent institution in FIG



Kadaster is hosting OICRF since the start in 1958



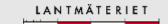
A repository for FELA

FIG Commission 7 Annual Meeting, Sevilla, Spain - by Eva-Maria Unger and Didier Sagashya





Can PCC and EG CLR KEN contribute?



Can PCC and EG CLR KEN contribute?

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

For example

Netherlands is working with many countries And with ISO-LADM; FIG, EuroSRetc...



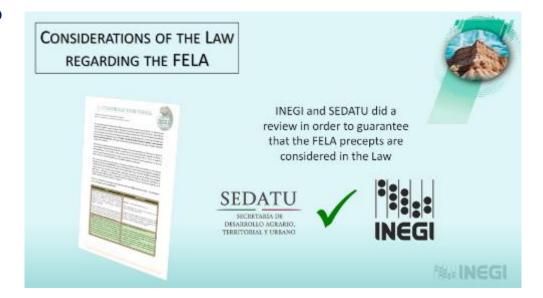
Sweden is working on marine-land cadastre relationships

Spain can work with Latin American countries



Pathway	Digital Transformation opportunities and challenges Opportunities and Challenges
Governance, Institutions and Accountability	Vision for ATR-DPN digital transferration that is belieful Digital transformation changeion at audityle levels Alignment of digital studegies with ATR-BPN and with currinal statebolders
Law and Policy	Legislative and regulatory harmonisation Assument of a positive system of land registration Emering workable, enforceable, and are adequately resourced law
Finance	Sertainable business model post-2025 Gavernment business enterprise model exploration Audit and assessment of FFF service models Performance matries polescent around benefits realisation and SDGs
Data	Vidina for data governance across ATI/(HPS, post-5025) R&D makt and review or calmyal and land registration data Fast-tracking rapping 15M panerls by 2023 (seep general) Developing and implementing before quality numerical vidingly, Financial a robust following datablass introstructure is developed.
Innextion	Formalised innovation bench making program across ATR/BPN Inscribe schemes at all levels Formalise R&D collaboration across sector District divide andit
Standards	Audit governance of stanfards in ATR/BPN Associating of technology and data instatives in turns good practices Development of both internal and industry-wide certification protectly. Footening of a community of practice to organit associates in thing.
Particohips	Recissing particularly and calabilishmen new parametriap energisten. (NGCs). Assum PE. 38:2015 with regards to land matter PPPs. PaLaff Gu., PPTs.) are two on artibodishmen into PTSL. Denses weaking group counting for purisposation.
Capacity and Education	Plan for keeping capacity in ATE/SPN Fast-tracking skill areas for maintaining the data Support professional bodies and encourage self-accreditation
Communications and Awareness	Revisit key stakeholder him and related communications plans Ensure World Bank project common are institutionalised Examining the curron menturing and evaluation recolarities.

Mexico







Chad

FELA Pathway		Opportunities and Challenges in Chad		
	Governance, Institutions and Accountability	Political stability is needed for a holistic transformation towards a sustainable land administration; Unclear mandates and changing leadership in ministerial posts;	Political will is existing and can be leveraged Networks amongst different ministries established;	
414	Law and Policy	Absence of Land Policy causing lengthy processes; Legal framework to be in place for piloting/a complete role out in Chad;	Int. examples on successful land policies can support developments; Development of policy can consider lessons learns from case study;	
0	finance	Sustainable business model for land administration is not existing; Donor support in the future is likely;	Governmental interest to explore Public Private Partnerships is given;	
0	Date	Available data is segmented and patry; Lack of vision for data governance and geospatial data strategy across ministriac;	Developing and implementing data quality and open data standards. Establishment of a robust IT infrastructure:	
0	Innevation	Combination of different methodologies to address the various land resilities on the ground emisioned;	Innovation limitations based on handware, electricity, connectivity, etc.	
0	Standards	Leck of dete standardisation program: Capacity around standards;	/	
8	Partnerships	Denor-working groups coordination; Extension of the network of partners (NGOs, CSOs, private sector etc.);		
0	Capacity and Education	Capacity and level of literacy in specific areas: Capacity development programs will be needed for piloting:	 Enthursom of the local team; exgenness to leam; Agreement on the need to involve the local team in the implementation of future initiatives; 	
0	Communication and Awareness	Communication and awareness programs need to consider differences Monitoring and evaluation indicators may vary for the pilots	Gender responsive approach and particular attention to vulnerable Awareness at all ministerial/governmental level that community involvement is imperative;	

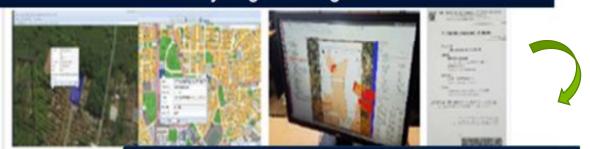
Spain can work with Latin American countries

In all Ibero-America, there is an urgent need to complete the cadastre, modernize it (create GIS) and integrate it into a territorial administration system



Identificación predial (masivo)





But in this order, let's not put the cart before the horse



A lot of resources and energy are devoted to developing very elaborate and complex policies, and yet no investment is made in the basics: in developing and maintaining a complete and up-to-date cadastral digital information system

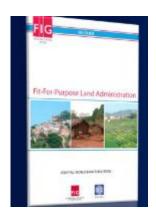






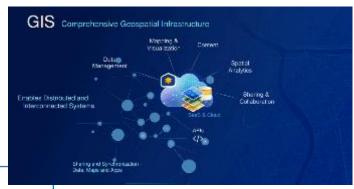
9 paths of FELA gives LAC clues and tools

- ➤ Need to finish as soon as possible:
- Fit for purpose
- Consider who has to do what and give them means and procedures



Software developers have adopted the principles of **FELA FIG**

Digitalization and Standardization tools. Creation of GIS In order to integrate the data... now very disaggregated and share them



According to UN-Habitat, I 13.4 million people in Latin America live in

informal settlements.

I in 4 people living in urban areas



Proposal STDM 'Valuation of Unregistered Land'

Based on discussion during LADM Workshop 11th October 2023

Participants @ event:

Abdullah Kara, Chris Body, Dubrayka Sladic, Eva-Maria Unger, Jaap Zevenbergen, Peter van Oosteroom

Participants @ e-mail discussions:

Abdullah Kara, Chrit Lemmen, Eva-Maria Unger, Jaap Zevenbergen, James Kavanagh, Kwabena Asiama, Peter van Oosteroom



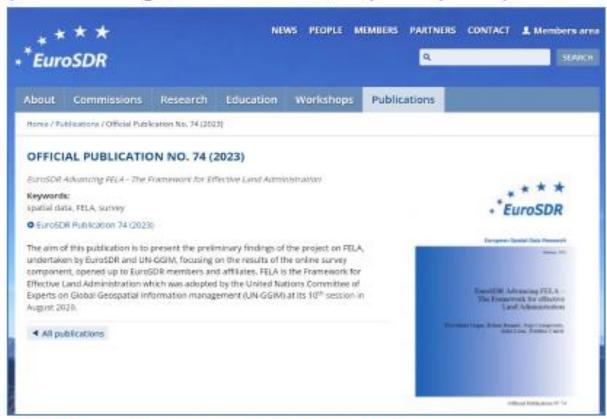
VALUATION OF A PRACTICE MANUAL

Working with EuroSDR

Project Advancing "FELA – Framework for Effective Land Administration" to raise awareness of the merits and benefits of effective land administration and to share knowledge and experience leveraging FELA



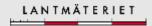
(Eva-Maria Unger, Rohan Bennett, Joep Crompvoets)





http://www.eurosdr.net/publications/official-publication-no-74-2023





"FELA-FRAMEWORK FOR EFFECTIVE LAND ADMINISTRATION"

An EuroSDR action with the support of UN EG-LAM and UN-GGIM Europe

A first online survey (focused on 3 Governance pathways of the FELA: Institutions and Accountability - Legal and Policy – Financial) ran in Spring 2022

A joint EuroSDR/FIG session at last FIG Congress (September 12th 2022): Framework for Effective Land Administration – NMCA Good Practices and Further Developments

A second online survey (focused on 3 Technology pathways of the FELA: Data, Innovations and Standards) ran in Spring 2024 - 33 answers received from 23 European countries

Planned - Last and third survey on People (Autumn 2024).

To schedule a workshop (beginning of 2025) – Together with PCC/EuroGeographics?