

### Global Development Frameworks

### 2030 AGENDA FOR SUSTAINABLE DEVELOPMENT

Sendai Framework for Disaster Risk Reduction 2015-2030 Paris Agreement on Climate Change

### UN-GGIM Global Geospatial Frameworks

SDGs Geospatial Roadmap

INTEGRATED GEOSPATIAL INFORMATION FRAMEWORK (IGIF)

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



# **Integrated Geospatial Information Framework**

**Advance National Development Priorities** 

Support Effective Land Administration (FELA)

Improve Health Care

**Delivery and Response** 

Advance the 2030 Agenda for Sustainable Development

> Modernize National **Geospatial Capacities**

Advance Integrated Geospatial Information in Broader Digital Information Ecosystem

Support SDGs Global Indicator Framework and the Integration of Statistical and Geospatial Information (GSGF)



















Facilitate Disaster Risk Reduction and Management

Basis for integrating the terrestrial, maritime and cadastral domains (e.g., IGIF-H)



Sustainable development demands effective land administration

### Framework for Effective Land Administration

Delft Meeting Starting point of the development of FELA

**Addis Ababa Declaration** 

**UN-GGIM EG LAM** 

2030 Agenda



2015



### 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.



Sustainable development demands effective land administration



The Framework for Effective Land Administration (FELA), acts as an overarching policy guide, which provides a reference for Member States when developing, renewing, reforming, strengthening, modernizing, or monitoring land administration.

FELA with nine pathways aligned to the nine strategic pathways of the IGIF, seeks to provide the reference and guidance for Member States with regard to administering the relationships between people and land, and when establishing, strengthening, co-ordinating and monitoring their land administration nationally or sub-nationally.

Source: https://ggim.un.org/meetings/GGIM-committee/10th-Session/documents/E-C.20-2020-29-Add 2-Framework-for-Effective-Land-Administration.pdf



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### Each pathway is built as:

### Pathway IX: Advocacy and Awareness

Pathway link to SDGs

Advocacy and awareness are an essential element of any contemporary land administration initiative, program, project and resultant system. Land administration cannot succeed without stakeholder acceptance and support across society. Advocacy and awareness activities can help to create and maintain this backing. All prominent global land policy initiatives mention the importance of stakeholder identification, development of engagement strategies, and actively implementing and evaluating communication initiatives. This includes the SDGs and VGGTs.

Pathway link to IGIF

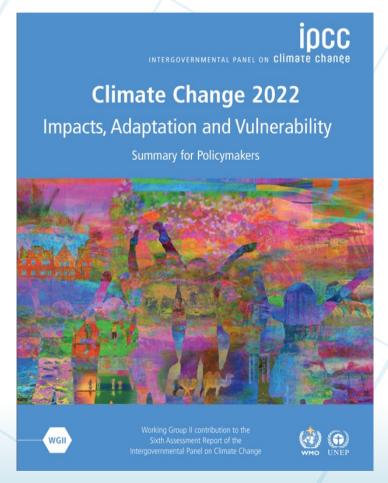
For IGIF, advocacy and awareness are recognized as a stand-alone strategic pathway. The strategic pathway recognizes that successful implementation of integrated geospatial information management relies on recognition and active participation from stakeholders and the general community. IGIF calls for engagement activities to be embedded and ongoing through the lifecycle of creation and implementation, in order to enhance the overall design and uptake of integrated geospatial information management.

Pathway in FELA

Meaningful engagement with all land stakeholders is integral for the implementation of an effective land administration. This includes actively undertaking stakeholder identification, planning and execution of engagement, undertaking integrated communication strategies, and monitoring and evaluation of those activities. Depending on the scale of system or project, this might include undertaking these tasks at community, national, regional, and international level.



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Climate and weather extremes are increasingly with Small Island States disproportionately affected

Climate and weather extremes are increasingly in all regions (high confidence).

Increased weather and climate extreme events have exposed millions of people to acute food insecurity and reduced water security, with the largest impacts observed in many locations and/or communities in Africa, Asia, Central and South America, Small Islands and the Arctic (high confidence).

Terrestrial and aquatic ecosystems and species

Terrestrial and aquatic ecosystems and species
are often less degraded in land managed by
are often less degraded in land local communities than
indigenous peoples and local communities than and l

Including indigenous and local institutions is a key element in developing successful adaption strategies.

Vulnerability of ecosystems and people to climate change differs substantially among and within regions (very high confidence), driven by patterns of intersecting socioeconomic development, unsustainable ocean and land use, inequity, marginalization, historical and ongoing patterns of inequity such as colonialism, and governance (high confidence).

Source: https://www.ipcc.ch/report/ar6/wg2/



# The Framework for Effective Land Administration Sustainable development demands effective land administration

### (b) Observed impacts of climate change on human systems

	Impacts on water scarcity and food production Animal and Fisheries					Impacts on health and wellbeing			Impacts on cities, settlements and infrastructure Inland Flood/storm Damages			
Human systems	VVULCI	Agriculture/ crop production	livestock health and productivity	yields and aquaculture production	Infectious diseases	Heat, malnutrition and other	Mental health	Displacement	flooding and associated	induced damages in coastal areas	Damages to infrastructure	to key economic sectors
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Global	9	0		0	0	0	0	0	0	0	0	0
Africa	0								0		0	0
Asia	<b>9</b>	•										
Australasia	9		•					not assessed				
Central and South America	0		•				not assessed					
Europe	<b>3</b>	•		•								
North America	<b>9</b>	•		<b>①</b>								
Small Islands	0											
Arctic	0	<b>4</b>										•
Cities by the sea							not assessed					
Mediterranean region							not assessed		0			
Mountain regions	<b>9</b>	<b>(2)</b>								na		

Source: https://www.ipcc.ch/report/ar6/wg2/



Sustainable development demands effective land administration



- CC asking for more information on land tenure, land value, land development, land use and land use change
- Baseline monitoring, change estimation, evidence-based strategy, targeted actions can guide land policies
- Parcel based information on e.g. forest land, cropland, grassland etc. is needed
- Proper management of urban land can create opportunities
- Improved access to land can support climate change mitigation approaches

Protect our planet's natural resources and climate for future generations. The changing climate and growing population increases the number of natural disasters, affects the resilience of the vulnerable and marginalized, who are typically not addressed through any land administration and land management system. The increasing pressures on communities, and on natural and built environments, including marine areas, challenge the achievement of the SDGs. Current approaches to the delivery of land-based ecosystem services are often poorly managed and planned.

Effective land administration systems should play a role in supporting improved land-based services, contribute to mitigating climate change, and supporting both integrated ecosystem and landscape based approaches. Effective land administration ensures preparedness and resilience, participatory and inclusive land use planning, monitoring of land-cover change, sustainable resource management, building back better, and the protection of our planet's natural resources and environment for future generations.





Sustainable development demands effective land administration

The selection of participants was restricted to European countries, with an existing relationship with EuroSDR and/or UN-GGIM Europe.

### Participating countries:

Austria.

Belgium,

Bosnia & Herzegovina, • Luxembourg,

Bulgaria,

Cyprus,

Czech Republic,

Denmark.

England and Wales,

Estonia.

Finland.

Germany,

Italy,

Latvia.

the Netherlands.

Portugal,

Scotland.

Slovenia.

Spain,

Sweden

Switzerland.

The participating countries represent all regions of Europe: Central and Eastern, Northern, Southern and Western Europe.

In total

21 countries

participated

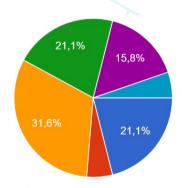




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This question relates to the FELA Pathway FELA Pathway I 'Governance, Institutions and Accountability' - value proposition: land administration actors should take a lead in developing and enforcing accountability and transparency in terms of procedures, metrics and indicators. Doing so justifies and strengthens mandate, roles and responsibilities, amongst the community and society more broadly.

Does the land administration sector in your jurisdiction use performance indicators linked to the SDGs? Is data on these measures up-to-date and publicly available?



- Yes, performance indicators are linked to the SDGs, AND performance data IS publicly available
- Yes, performance indicators are linked to the SDGs, BUT performance data is NOT publicly available
- No, land administration performance is not linked to the SDGs, BUT, performance results ARE publicly available
- No, land administration performance is not linked to the SDGs, AND, performance results
  are NOT publicly available
- I am unsure
- More detailed description...

From the data, the SDGs are still not prevalent in the majority of performance metrics for land administration sectors (only 21.1%), although, this does mean that a small amount has already adopted the SDGs in the 5 years since they were established.



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- Online survey approach aimed to create an overview of the different stages of awareness and uptake of the FELA by the Members of EuroSDR and/or UN-GGIM Europe
- Done by converting the FELA framework into a series of questions
- Questions were created based on insights provided through the revelopment of the FELA, as well as the specific context and discussions during the various EG-LAM deelings

  Survey included both closes and pen-ended questions
- Closed-ended an Min provided multiple choice answer option, therefore a set of answers was offered (Whilst this might be considered a constraint, it was felt the benefits of enabling comparison between countries outweighed the prescriptive nature of the responses provided)

Open-ended questions provided for more in-depth insights at a country-specific level to be provided





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# 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

- (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 accelerat efforts to document, record and recognize the relationships between people and the land in all its forms
- (Art 2) Promote conditions of substant equality in the territory through the application of collection measures that discourage discrimination, segregation of marginalization of individuals or groups property rights.
- (Art 2). The objectives of this Law are:
- (...)

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- 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;
- . (



Sustainable development demands effective land administration

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

11.00@ Key word Ardenia, Indonesia, UN-GGIM, FELA Rohan BENNETT, Australia, Suren TOVMASYAN, Armenia, Wra HUTABARAT,

Table	1. Digital Transformation opportunities and challenges					
Pathway	Opportunities and Challenges					
Governance,	Vision for ATR/BPN digital transformation that is holistic					
Institutions and	Digital transformation champions at multiple levels					
Accountability	Alignment of digital strategies withi 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 readequately resourced law					
Finance	Sustainable business model pol-2025					
	Government bysiness Atterprise model exploration					
	A did and assessment of PP service models					
-16	Performance metrics redesign around benefits realisation and SDGs					
DE 10	Vision for data governance across ATR/BPN, post-2025					
T '-'	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 ianovation bench making program across ATR/BPN					
	Lacentive 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	Plan for keeping capacity in ATR/BPN					
Education	Fast-tracking skill areas for maintaining the data					
100 100 100	Support professional bodies and encourage self-accreditation					
Communications	Revisit key stakeholder lists and related communications plans					
and Awareness	Ensure World Bank project comms are institutionalised					
	Examining the current monitoring and evaluation mechanisms					



So, when discussing about the potential SDGs implications on Geoinformation Strategies

we also have to consider the implications on LandAdministration and hence

FELA - the Framework for Effective Land Administration

Thank you