

UNWGIC 2022 - 10-14 Oktober 2022 – Hyderabad (India)

# 10 Things you should know about



**Rudolf Staiger** 

President of the International Federation of Surveyors (FIG)



lt is ...



**UN-GGIM - Geospatial Societies** (UN-GGIM GS) - is one of the three networks formally recognized by the UN Committee of Experts on Global Geospatial Information Management (UN-GGIM). UN-GGIM GS is a coalition of

2020-2022 **FIG** is chairing the UN-GGIM - Geospatial Socities

- IEEE Geoscience and Remote Sensing Society (IEEE-GRSS)
- IAG- International Association of Geodesy
- ICA International Cartographic Association
- FIG International Federation of Surveyors
- IGU International Geographical Union
- IMIA International Map Industry Association
- ISDE International Society for Digital Earth (ISDE)
- ISPRS International Society of Photogrammetry and Remote Sensing





One major activity is Every year a **working week** 

Every 4 years a Congress

cancelled

	Year	Event	Country	City
<b>‹</b>	2028	ww	France	Paris
	2027			
	2026	Congress	South Africa	Cape Town
	2025	ww	Australia	Brisbane
	2024	ww	Ghana	Accra
	2023	ww	USA	Orlando
	2022	Congress	Poland	Warsaw
	2021	e-ww	NL	Appeldoorn
	2020	WW	NE	Amsterdam



Another major activity is publishing

- No 80 Digital transformation and land administration -Sustainable practices from the unece region and beyo FAO, UNECE AND FIG FIG Guide 2022
- No 79 Land Consolidation – The Fundamentals to Guide Prac FIG Commission 8 - Spatial Planning and Development, FIG Report 2022
- No 78 Geospatial Data in the 2020s - Transformative Power Pathways to Sustainability FIG Commission 3 – Spatial Information Management

FIG Report 2022

7 volumes covering Three Milleniums of Measurement Earth



#### The authors

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Fit-For-Purpose Land Administration



JOINT FIG / WORLD BANK PUBLICATION







THE SIZE AND SHAPE OF THE EARTH • VOLUME I



#### FIG is an *acronym* and stands for

# Fédération Internationale des Géomètres

International Federation of Surveyors(English)Fédération Internationale des Géomètres(French)Internationale Vereinigung der Vermessungsingenieure(German)

Very important: do not say "**fig**" say "**eff\_aiii\_dschi**" instead



FIG was founded **1878** in **Paris** (France) by 7 national

Surveying Associations from .....



# 5 - How is **FIG** organized ?





# 7 - FIG Task Force on Sustainable Development Goals (SDGs)

**TF on SDG**s led by **Paula Dijkstra** (Netherlands)

Identify the Goals were our profession has potentially the biggest impact

coordinate the activities inside FIG

# 8- The **FIG**-Office in Copenhagen ?

Behind this window is the FIG office!

Louise Friis-Hansen Director

Evelien Hertz – van Gelder Conference and Support Assistant

Maria Bargholz Finance and Administration

N. N. T. W. W.

Claudia Stormoen Conference and Support Manager (maternity leave)

#### 9 – the USP of FIG = Unique Selling Proposition





## Thank you very much for your attention



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# Why is secure Land Tenure so important?

#### **Rudolf Staiger**

President of the International Federation of Surveyors (FIG)



## Introduction

#### Definition of "Cadastre"

A **Cadastre** or **Cadaster** is normally a parcel based, and up-to-date land information system containing a record of interests in land (e.g. rights, restrictions and responsibilities).

It usually includes a geometric description of land parcels linked to other records describing the nature of the interests, the ownership or control of those interests, and often the value of the parcel and its improvements..

Source: FIG (1995) "The FIG Statement on the Cadastre", FIG Policy Statement, The International Federation of Surveyors (FIG) FIG PUBLICATION No 11, 1995

#### History

Some of the earliest cadastres were ordered by Roman Emperors

1790 in France the privileges of the Church and the aristocracy were abolished

Cadastre was introduced by law for an objective **taxation** 



A lot of European countries followed

A cadastre text written in Akkadian on a terracotta tablet. From the 18th century BC in Sippar, Iraq, and held by the Ancient Orient Museum, Istanbul

By Osama Shukir Muhammed Amin FRCP(Glasg) - Own work, CC BY-SA 4.0, https://commons.wikimedia.org/w/index.php?curid=70045357

**Security of tenure** is the certainty that a person's rights to land will be recognized by others and protected in cases of specific challenges.

People with **insecure tenure** face the risk that their rights to land will be threatened by competing claims, and even lost as a result of eviction.

Without **security of tenure**, households are significantly impaired in their ability to secure sufficient food and to enjoy sustainable rural livelihoods. Security of tenure cannot be measured directly, and, to a large extent, it is what people perceive it to be.

Source: Food and Agriculture Organization of the United Nations 2002: 18-19, cited by IEG PPAR—Second Land Titling Project (Lao PDR)



In well-developped countries, especially in Europe, we find registration systems with a history of 100 years and more!

## So why are we here for this topic?

Estimations by the world bank say that on a global scale only 30% of all parcels are registered<sup>1</sup>!

<sup>1</sup>Registered = meaning here officially recorded





#### **Food Security**

#### Climate change

## Pandemic(s)

#### Sea level rise

#### Rapid urbanisation

## Land rights of indigenous people



Who are the stakeholders?

investors (local/national/international) Authorities (local/ regional/national)



Public services (local/ regional) What are the benefits of secure land tenure? -1



Owner(s)

- Security of being the owner accepted by society!
- Legal possibilities to defend the property!
- Higher motivation to invest in the land concrete / labour / farming/ .....
- The property becomes an economic value loan from the bank!



"Peaceful together"

No unfair discussion or fighting about the boundaries

What are the benefits of secure land tenure? -2 **Authorities** Detailed knowledge about the parcels and the ownership **Public services** ++ for planning !! investors

#### Land administration as contribution to the SDGs

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FIG-Publication 60, 2014

#### Fit-For-Purpose Land Administration









WORLD BANK

Land administration as contribution to the SDGs

Land registrationAmbitious target until 2030.... increase of + 30%

NO

**ok**, .... Is there enough time / money for the implementation of a classical cadastre??



**FFP** is an interesting **general approach**, which needs to be adapted to each single case !!

In order to find exactly out what **FFP** is standing for and what not ...

#### The role of the surveyor in *"*FFP-approach"?



!! also **reservations** regarding **FFP** in our own community !!

**FFP** does not replace classical cadastre

... it is rather an extension !!!

**FFP** is not a ready-to use-solution!

**FFP** we need best-practice examples and textbooks!!

**Rumours** 

.... Surveyors who do not act ethically correct.... Lawyers who do not act ethically correct.... Notaries who do not ....

Include ethical codex and training

## Thank you very much for your attention