

The Profession between Cadastre and Citizen

Gerda Schennach, Austria
Chair of FIG Commission 7

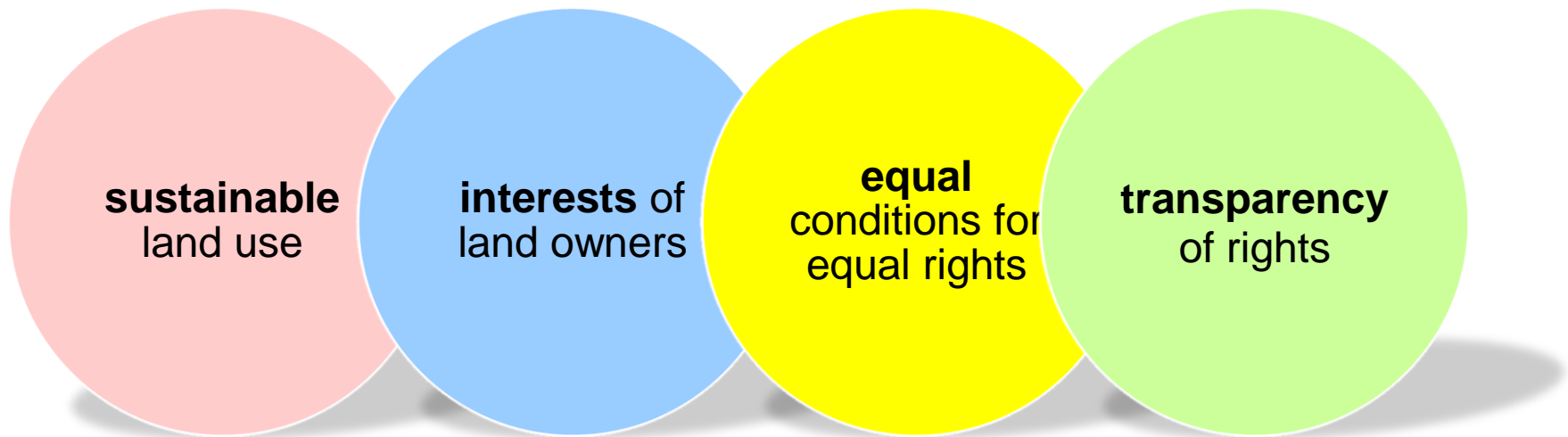
A human right

UN DECLARATION OF HUMAN RIGHTS

Article 17 par (1) Everyone has the right to own property alone as well as in association with others.

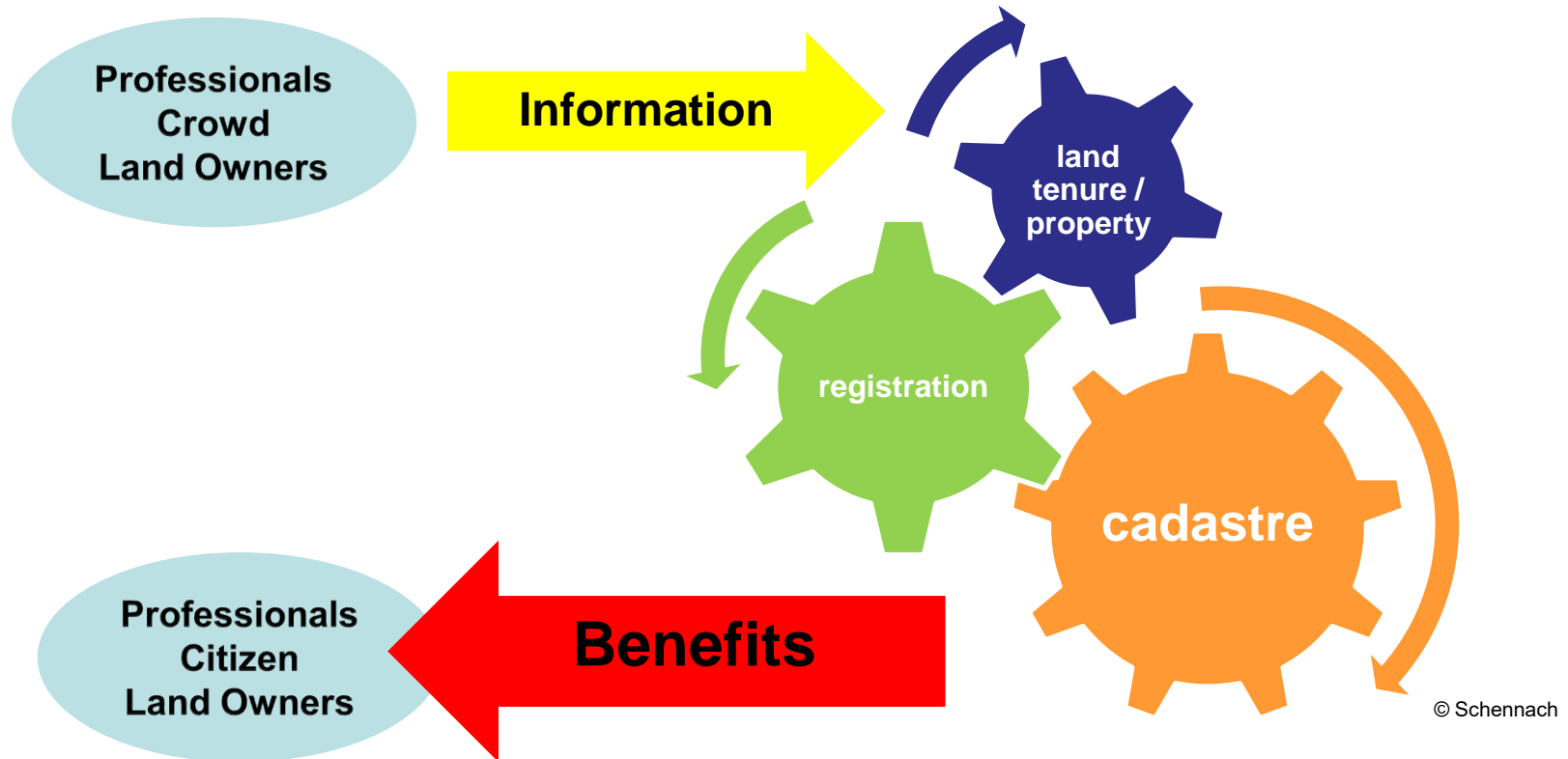
**75 % of global population
has **no** access
to formal land registration**

The Securing the rights on land



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Relationship Land-Cadastre-Citizen



New Business Models

Cadastre for Society gets created by Society

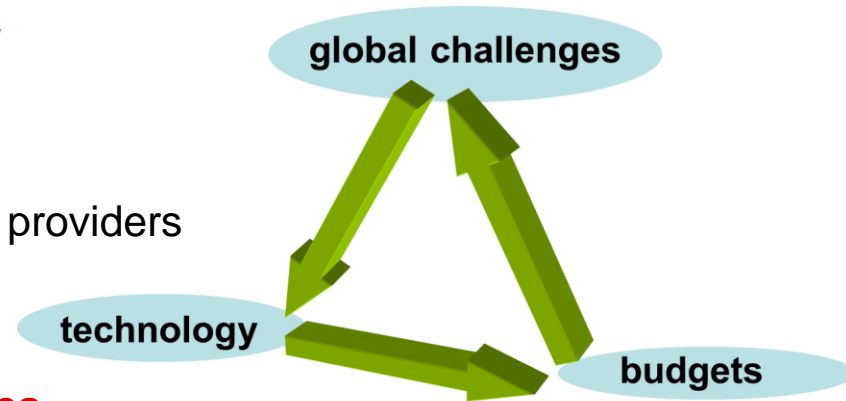
- **technology** is available and cheap
- **new type** user society growing
- land owners get **active** information providers
- citizen as **passive** data providers

Stakeholders become Decisionmakers

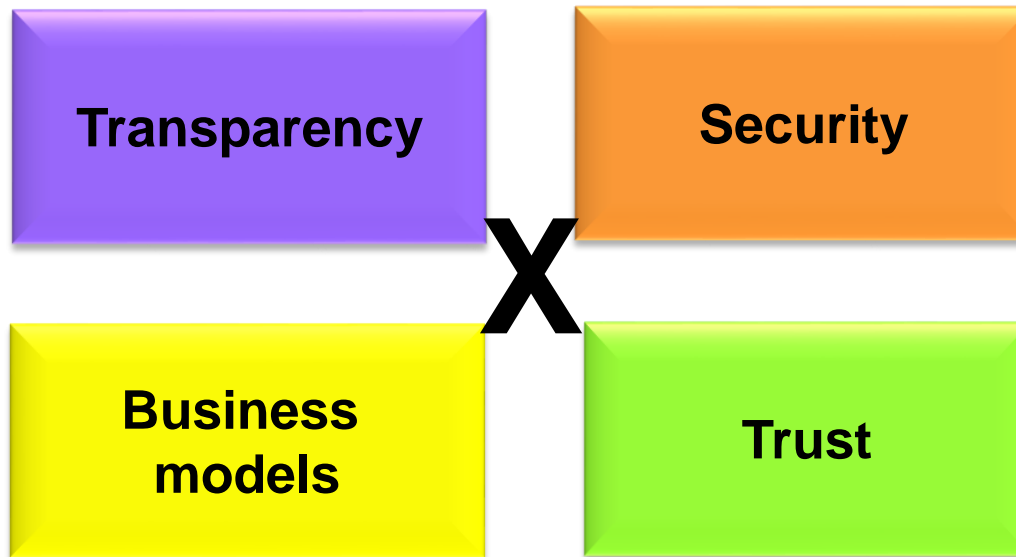
- user profiles changing **communities**
- community creates their own "**regulations**,"
- **standards** set by communities

Citizen become Shareholders

- communities are **core part** of the (formal) processes
- citizen are **owner** of information
- **self-monitoring** systems secure fit-for-purpose - quality

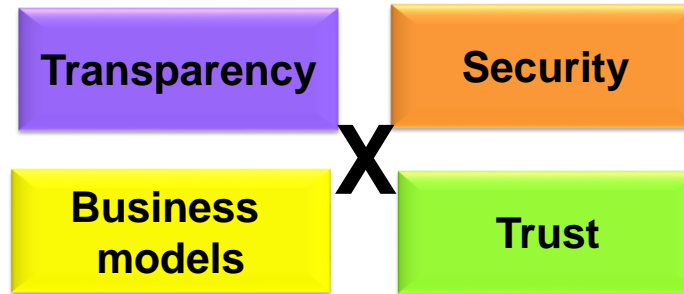


The 4 basic principles of cadastre



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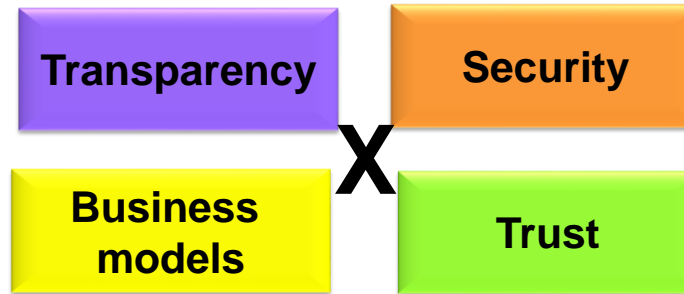
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keep procedures **smart** and **transparent** to public
make origin of data **visible**
categorize **authenticity** / legal status
track routes of information – what is where

long-term existence of infrastructures / archives / cloud
key moderators / facilitators / responsibility
protection of data against **manipulation** and **data grabbing**

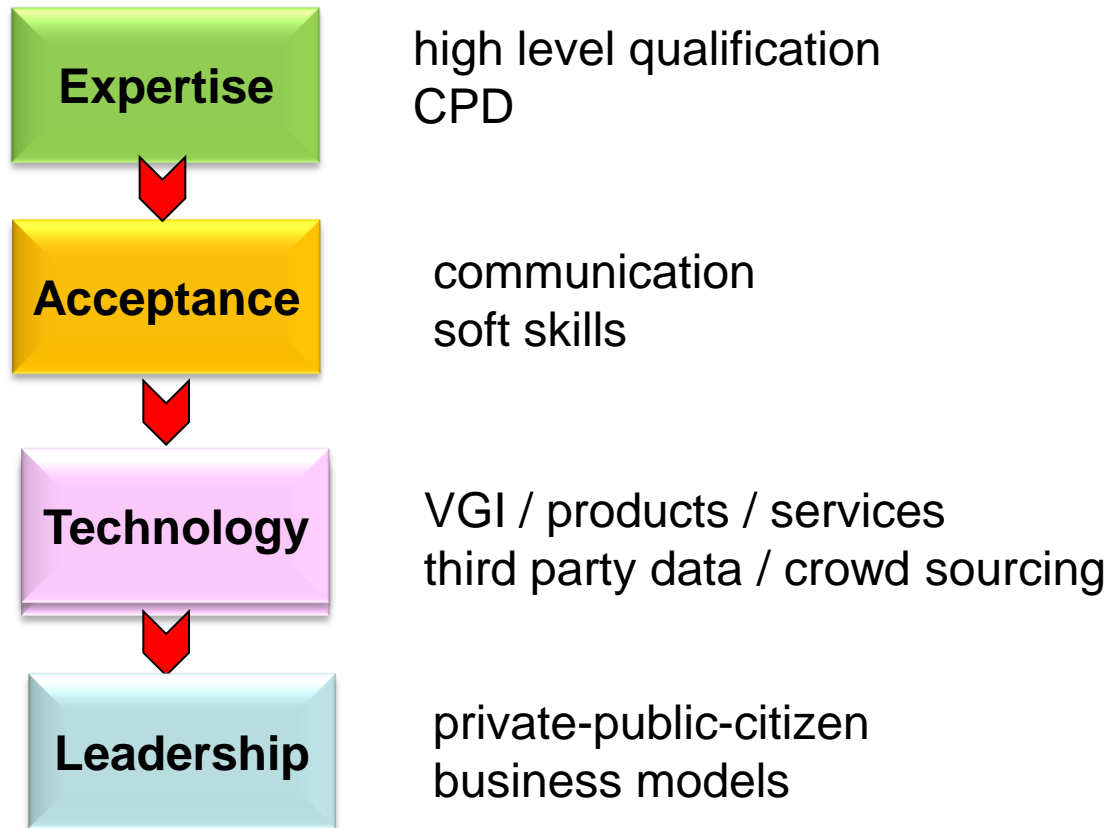
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ownership of data and structures (hosts, clouds.....)
shift of power from authorities to communities/providers/citizen/society
open government data vers. open data

society trust **systems** rather than stakeholders
availability/accessibility of data
provide long-term **evidence** on land
historical evidence on who and when and what (WWW)

The role of the professionals



The active takes it all....

- strong partnerships, 4P-Cadastre (Public, Private, People, Professionals)
- 3D and 4D cadastre, geo-referencing of rights, obligations
- reality vers. legality / crowd vers. authoritative data
- information on land (FIG Cad. Template 2.0, EULIS, EuroGeographics, EC)
- European indicators on land and LA systems
- NGOs, interest groups
- global networks
- international professional associations (FIG, ISPRS,)
-

FIG Commission 7 on Cadastre & Land Management

Chair *G. Schennach (A)*

WG 7.1
Fit-For-Purpose
LA
Ch. Lemmen (NL)

WG 7.2
LM in
CC and PP
Disaster areas
D. Páez (CO)

WG 7.3
Crowdsourcing
of Land Rights
R. McLaren (UK)

WG 7.4
Citizen
Cadastre
G. Iván (HUN)

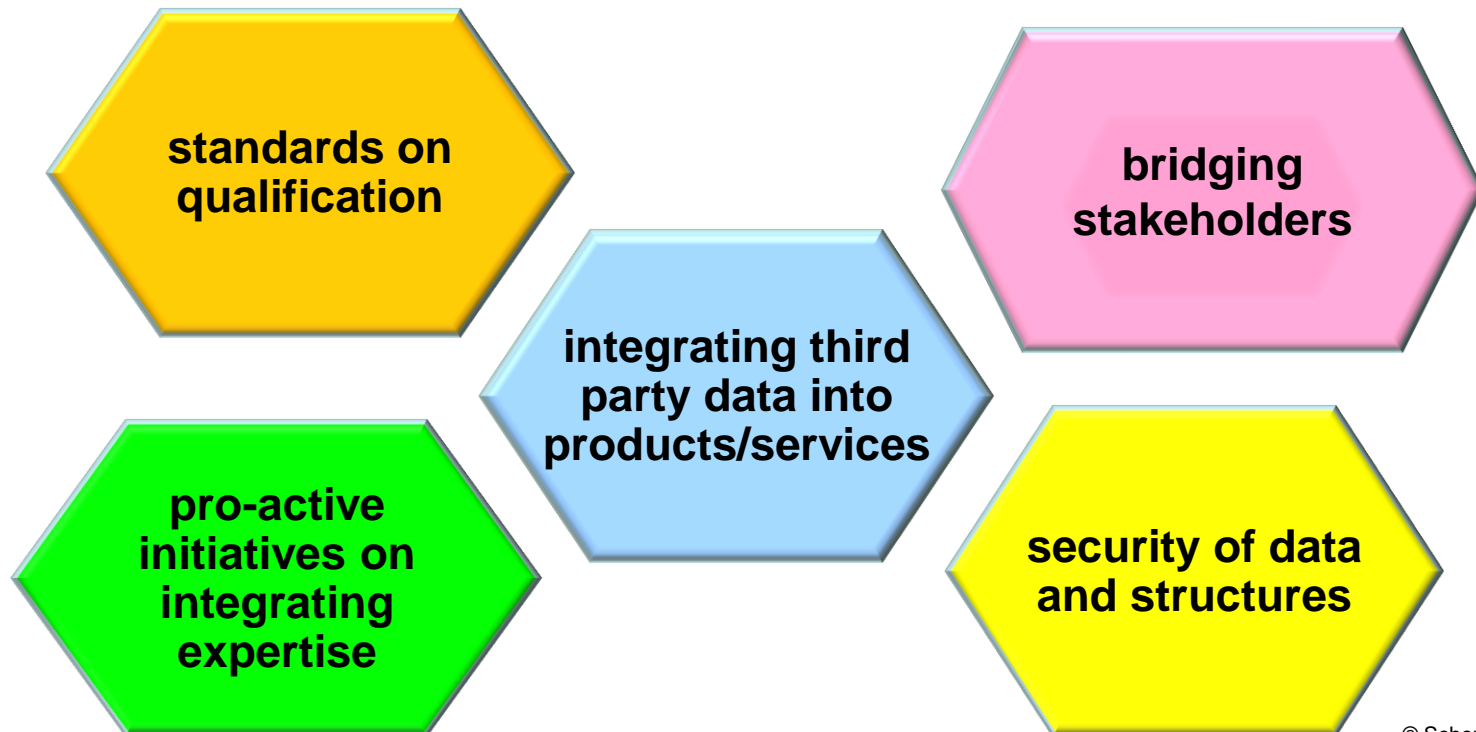
Joint WG C3/C7 3D Cadastre

Cadastral Template 2.0 *D. Steudler (CH)*

Common interests CLGE-FIG

- Raise **awareness** about necessity and benefit of property registration among society
being a mastermind in developments of good land management
- Prepare for further developing **trustable, self-monitoring** and **sustainable** cadastral systems
- Integrate **modern technologies** for raising security of property information and for improving trust of citizens into systems
providing expertise for securing land tenure and advocating citizens' rights
- Make the **citizen the centre** of the procedures and integrate them as information providers
initiating professional discussions on new business models as required by a changing society
- Build solid **long-term co-operation** with NGOs (UN GGIM Europe, EuroGeographics, EuroSDR

Options, options, options



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Commission 7 Focus in 2015/2016

- Bringing new technologies into the agenda of Commission 7
 - *Crowdsourcing*
 - *Fit-for-Purpose models in building cadastre and infrastructures*
 - *Land information for pre- and pro-disaster management*
 - *Qualification of professionals and training of stakeholders in new technologies*
- Address most delegates as possible to get actively involved
- Workshop Com 3 / Com 7 on Crowdsourcing in Malta – Oct/Nov 2015
- Workshop Com 2 / Com 7 / ISPRS on Professional Qualification and Training in Nepal – Nov 2015
- Development of Cadastral Template 2.0 towards a global information tool

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see you:

FIG Commission 7 WGs
FIG Commission 7 events

FIG WW Christchurch/NZ

Special Forum, Annual Meeting I, Technical Sessions

2-6 May 2016, www.fig.net

FIG Internat. Workshop FIG Com7 + AM

Security of Land for Citizen

23-26 Oct 2016, Coimbra/Porto

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