CLGE

Working for a Profession

“Tradition meets Innovation”

CVC 2017

Joint CLGE, ELRA, EuroGeographics, FIG, EULIS, PCC, and UNECE WPLA Conference

Vienna, Austria 5-6 October 2017
Changing world
Changing world
The surveyor yesterday and today

• The technology and the society make us evolve

The pressure of technological development is driving social change
The surveyor tomorrow?
The (r)evolution of data

• Linked data
• Internet of things
• Open data
• Big Data
• Data mining
The (r)evolution of ID

- Is it really the future?
The (r)evolution of mapping

- Towards a new dynamic dimension of the maps
- Virtual reality

The parcel as the nucleus of every real representation
The (r)evolution of communication

- Towards a new mobility…
Could we live without our smartphone?
The (r)evolution of cadastre

- Augmented reality

Apps will be the basis of all land representations, including those in the cadastre
The (r)evolution of cadastre

Numerous political decisions depend on official data.
The (r)evolution of citizen

• The augmented citizen…

Citizens as the nation’s number one surveyors!
The (r)evolution of citizen

- Crowdsourcing

The legitimate often prevails over the legal

The territory is the map
Where are we going?

- There are trends and developments, which cannot be ignored.
- Increasingly dynamic world.
- The cadastre needs to better focus on its key role.
- How to deal with citizen-driven input.
- Drivers are the technology-push.
Where are we going?

- Crowdsourcing…where are the limits?
- Can new technologies like blockchains replace the legal system?
- Will the cadaster be always in the center of the GI?