

# ICPE & SloGeoLab

## E-Governance Executive Programme

Ljubljana, 27th September 2013

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**SLO**geodeticcompany





# Schedule

- **About SloGeoLab** (Aleš Šuntar, Igea) ... 5 min
- **Real estate system in Slovenia** (Aleš Šuntar, Igea) ... 15 min
- **Spatial data in Slovenia** (Jurij Režek, SMA) ... 20 min
- Presentations on **INFO** points ... 3x20 min
  - E-services in public administration , RE tax (Martin Puhar, Igea)
  - National cadastre of public utilities (Andrej Mesner, Igea)
  - Urbinfo – public information system Municipality Ljubljana (Rok Bajec, LUZ)
- **Discussion**

# SloGeoLab

- **Consortium** of Slovenian companies



Geodetski zavod **Celje** d.o.o.





The Urban Planning Institute of Ljubljana

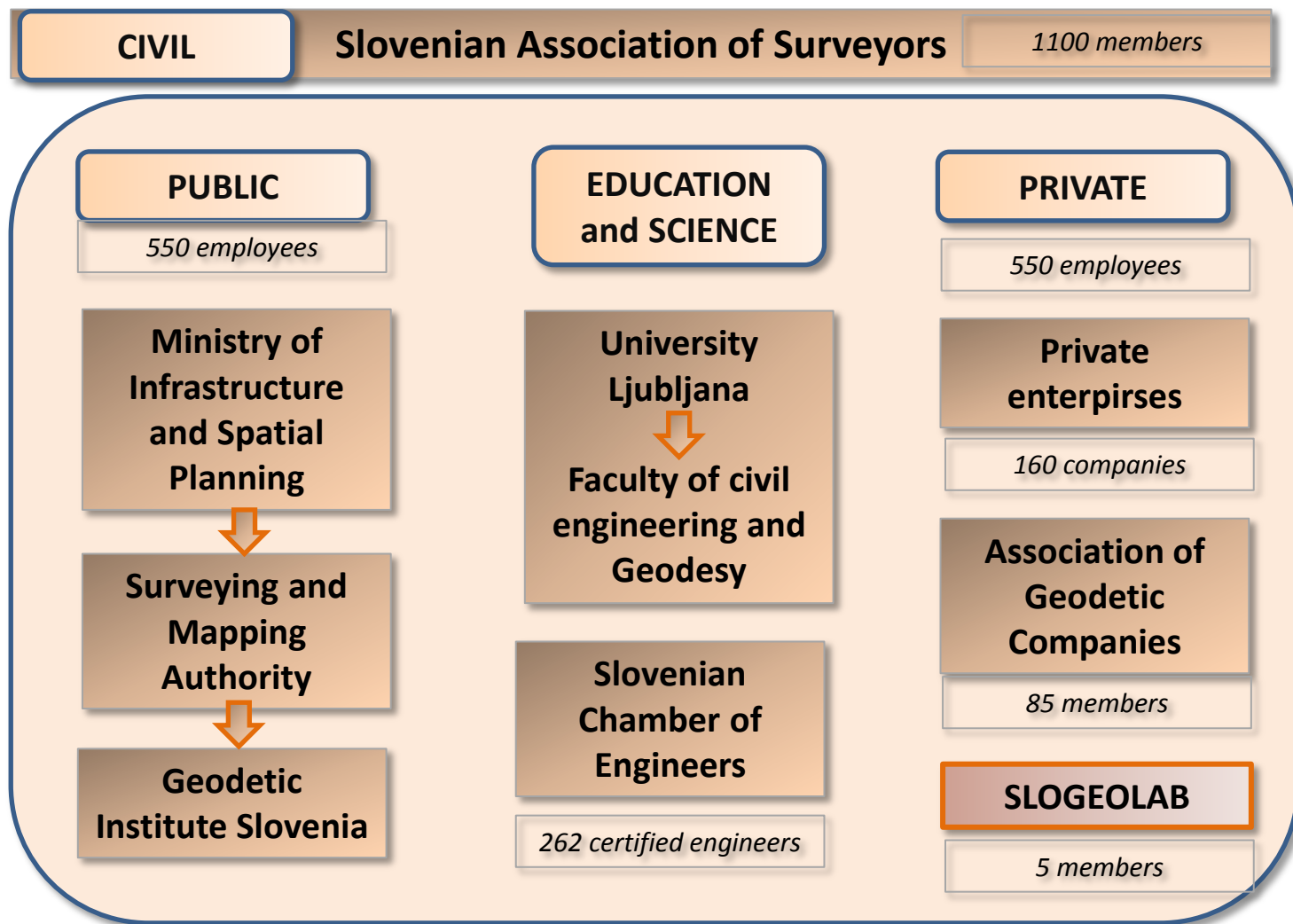


- Fields: **GIS**, **geomatics**, **land surveying**, **real estate management**, **spatial planning**, **agricultural land management**
- **ICPE MOU**: exchange of **knowledge** and **practical business cooperation** between ICPE member states and Consortium members

# SloGeoLab Services

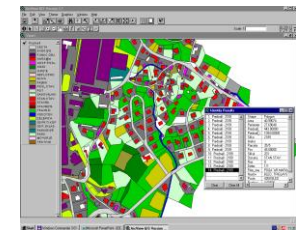
- Preparation of **national strategies** and **action plans** 
- Preparation of **legislation** framework 
- Inter-ministerial **coordination** and **common projects preparation** 
- **Education** and capacity building 
- **Pre-financing activities** – coordination with different international financial institutions 
- Preparation of **project proposals** to be financed by the international financial institutions 
- Preparation of **tender documentation** and **terms of references** for international and national financed projects 
- Support on **tendering process**
- Project **supervision** and support of **project implementation** 

# Land surveying sector organization



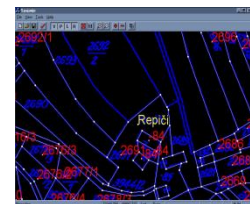
# Land Cadastre – historical perspective

- Land Cadastre in Slovenia: ≈1800 Austro-Hungarian empire – land cadastral plans for the **whole** territory
- Purpose: **land taxation**
- Land cadastre **maintained** regularly since then
- Land Register established within Supreme Courts
- 1945-1991: the period of PLANNED economy
  - The system is not in favour of exact and complete Real Estate registration.
  - Land Cadastre and Land Register in low accordance
  - Several maintenance systems (partially digitized 1980-1990)
- 1991: Slovenia independency
- 1992-2002: **LC modernization project** (systematic digitalization of parcel maps, modernization, standardization)
- 1996: **reorganization** of land surveying services (centralised and partly privatized)

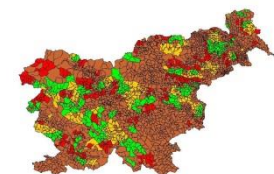


# Land Cadastre modernization project

- Main purpose: establishment of modern real estate registration system – technical base for **real estate ownership protection** (later: RE taxation purpose)
- Total: US\$ 28.9 million (WB, Phare, SLO budget)
- Project goals:
  - Digitalization of cadastral plans
  - Electronically supported and standardized maintenance processes
  - Quality improvement and collection of missing data
  - Unique and harmonized database
  - ~~New cadastral surveying (mass production)~~
  - ~~Scanning of analogue archive~~

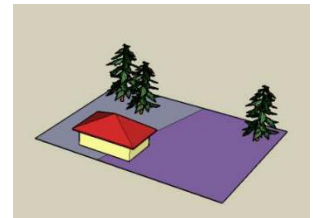
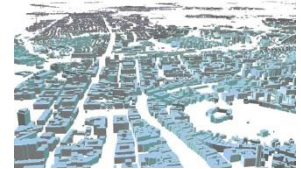



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# Establishment of Building Cadastre

- **1994:** Building Cadastre – **conceptual model**
- **1996 – 1998:** Building Register – **specification** and **development**
- **1999:** Building Register – **database established**
- **1996 -1999 :** Photogrammetric *3D* digitalization
- **2001 :** Building Cadastre - **law**
- **2000 – 2004:** WB project – **finalization** of 3D digitalization
- **2003:** **Attribute** data collection
- **2007-2008:** Real Estate „**census**“ project
- **2008-2009:** RE **mass valuation**
- **2010:** Property owners **informed** (data collected, RE value)
- **2013:** **Property tax** (properties of high value)
- **2014:** Property tax (all real estates) ?
- **2014:** Slovenia goes 3D





# Future challenges

- Real Estate data quality improvement
  - Positional accuracy
- FIG Cadastre 2014 implementation
- Real Estate and spatial data use
- „Spatial“ thinking