Re-design land administration strategy for good governance

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Meaning of information

- Legal meaning land registers and maps
- Is it a representation of the truth??
- Is the representation guaranteed by the State?
- Trend: people rely on government information

Multi use of land

- 3D constructions and multi use at subsurface, surface and above surface
- Underground infrastructure
- National policy document
- Trend: 3D property rights

Core of Spatial Data Infrastructure

- No SDI without framework data (incl. foundation data)
- Restructuring governmental information architecture
- Trend: towards authentic registers

Completeness land information

- Housing rent, agricultural lease
- Servitudes, encumbrances
- Property value
- Land use
- Risk management
- Trend: information should be complete
Information for the land market

- Register Popular Census
- Register legal entities
- Registers legal constraint, bankruptcy, wills, marriage settlements, guardianship
- Trend: organize data integration

Geographic Information

- Mix of spaghetti, topological correctness and object-orientation
- What about data-sharing, and mutation propagation
- Trend: data sharing and integration

Perspective European Union

- Free movement of people, goods and capital
- Influence: PSI, Inspire, Directives
- Art 295 European Treaty
- Trend: European harmonization

IT opportunities in the IT market

- Data acquisition
  - satellite
  - radar/laser
  - GPS
  - biometrical
- Database technology
  - standards
- Data communication
  - central/de-central
  - web enabling + portals
  - e-payment
  - enterprise resource planning
  - customer relation management

Philosophy:
Alignment of business strategy and ICT options

- Business
- ICT market
- Strategic alignment
- Operational alignment
- Link
- Fit