Does the Surveying Sector Change Quickly Enough?

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• Surveying and Land Administration
• LIS and Basic Registers
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Facts about Finland

- Land 304,530 km²
- Population 5.5 M
- Cadastral units 2.8 M
Mission and Vision

• Carries out tasks given through legislation

• Trustworthy in Web and Close to You
NLS Services
NLS Services
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NLS Services
Steering by Results

- Decisions and agreement processes
- Planning
- Reporting
- Follow-up
Strategic Goals

- Trends observed in society
- Analyses
- Choices
- Sector strategies
Land Management Paradigm

Global Land Management Paradigm (Enemark, 2004)
Land Governance

Global Land Management Perspective (Enemark, 2004)
Base Registers in Finland

Integration of register data using IDs and position as links
Base Registers in Finland

- Basic units of society
  - Natural persons
  - Real estates
  - Buildings
  - Enterprises, corporations and foundations

- Topographic Database
Topographic Database

Maps based on Topographic Database

- power lines
- water areas
- place names
- address data
- road data
- barriers
- number of stories in buildings
LIS in Finland

• Base register structure

• Cadastre

• Land Register
Content of the Cadastre

- Nation-wide coverage
- Connected rights
- Cadastral index map
Land Register

- Responsible since 2010
- Titles, mortgages and other registered rights
- Guaranteed reliability of data
LIS Players

- Ministry of Agriculture and Forestry
- National Land Survey
- Municipalities
- Private Companies
Purchase Price Register

- Agreements since early 1980s
- Open to public
- Web access through NLS Map Site
Other Agencies’ Data

- Land use planning data
- Nature conservation areas on private land
- Environment Allowance agreements
- Decisions according to Water Act
Future Perspectives

- Cadastre 2035
- Digitalize services
- Develop national coordinate, height and gravity systems
- Policy Report on Spatial Data Infrastructure
Aims of Policy Report on Spatial Data Infrastructure

A vision of spatial data functions in public administration

- Opinions of who produce, use and refine spatial data
- Role of public administration
- Implementing public administration’s role
- Timescale, about 5–10 years.
Conclusions

• LIS part of basic infrastructure

• Many players in the field

• NLS and surveyors play key role

• Future will be different