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Facts about Finland

• Land area 304,530 km²
• Water area 33,615 km²
• Total area 338,195 km²

• Population 5.5 million
• 17 inhabitants per km²
• 67% in towns
• 19 counties
• 317 municipalities

• 2.8 million cadastral units
LIS in Finland

- Part of base register structure
- Cadastre
- Land Register
- Legislation Jan 1, 2003
  - setting-up
  - administration
  - financing
- Operational June 1, 2005
Real Property Registers

- Cadastre
  - NLS and 77 municipalities update
  - NLS, maintain
- Land Register
  - NLS, update and maintain
  - Register on titles and mortgages
- Purchase Price Register
  - NLS, updating and maintenance
Data Content of the Cadastre (1)

Real Estate Register Act 7§

- About a register unit:
  - Unit ID
  - Name of the unit, if given
  - Name and ID of the municipality
- Additionally
  - Time of registration
  - Area
  - Quality/type
  - Servitudes/easements
  - Share in common area
  - Other information as stipulated in Real Estate Register Decree.
Data Content of the Cadastre (2)

Real Estate Register Decree 7 §

• Other information in the Cadastre (PLR):
  1. If there is a General Plan;
  2. If there is a City Plan;
  3. Concerning a building plot and public area its use class according to plan;
  4. Concerning other unit its use class according to plan at the time of registration;
  5. If there is a building prohibition according to Land Use and Building Act;
  6. A plot division plan concerning a plot;
  7. Other information as stipulated in other legislation.
Data Content of the Cadastre (3)

Real Estate Register Decree 10 §

- **Information in the Cadastral Map**
  - Boundaries of the register units
  - Necessary information for the identification of the units
  - Easements, servitudes and use rights and restrictions as well as the boundaries of the land use plans and building prohibition areas
External Data Providers

- **Municipalities**
  - Land Use and Building Act
    - Land use plans, Plot Division Plans
    - Building Prohibitions

- **Centre for Economic Development, Transport and the Environment, ELY (15)**
  - Nature conservation areas according to nature conservation legislation

- **Regional State Administrative Agency, AVI (6)**
  - Decisions according to Water Act

- **The Finnish Safety and Chemicals Agency, TUKES**
  - Decisions according to Mining Act

- **Radiation and Nuclear Safety Authority, STUK**
  - Nuclear waste deposit areas
Statistics

Different types of PLRs in the Cadastre

- Land Use Plans 26 000
- Decisions acc. Water Act 12 300
- Nature Conservation Areas 10 500
- Ancient Monuments 400
- Mining Rights 360
Extract of Cadastral Index Map

Nature Protection Area K19656 at unit 260-407-16-13; visible also a use restriction for a power line
Extract of Cadastral Index Map

Decision according to Water Act (area for dropping timber for rafting)

Y2003-17878 at common water area 260-421-876-1
Extract from the NLS production system

Boundaries and IDs for city plans
Evaluation

Positive
• System well managed
  • All data providers take responsibility
  • All information is digital and georeferenced
    • Mining rights non-digital
  • Ca. 97 % of potential cases registered

Negative
• No national land use plan database
• Situation does not meet legal requirements
  • NLS handles the actual registration
  • Data providers should do the entries themselves
• The current data system does not allow external actors
Future Perspectives

- Ongoing capital improvement project on the data content
  - Rights of way, coordinate information
- External data providers able to register along with the next generation data system (10 yrs.)
Conclusion

- PLRs under control
- All PLR objects are georeferenced
- No national database for Land use plans
- External data providers will only be allowed in the future
More information

www.nls.fi