Building Integrated Land Information Systems and Development of NSDI

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380 years of experience

Lantmäteriet has been mapping Sweden since 1628.

• 1974
• 1996
• 2008
Strategic goals

- An organization that is well known, open and inspires confidence
- An attractive place to work
- A leading service authority

Directions

- Stronger SDI coordination
- Development of the real property formation processes
- Integration of land registration
- More focussed services on a repayment basis
Organisation

SWEDESURVEY

BOARD
DIRECTOR GENERAL

INTERNAL AUDIT

STAFF UNIT

CORPORATE FUNCTIONS

DIVISIONS

Cadastral services

Geodata

Land registry

Metria

Integrated Cadastral System

Application

Real Property Formation Agencies

Land Use Map

National Cadastral Index Map

Topographic Map

Application

Real Property Register

Land Registry

Mortgage Deeds Register

Dissemination

Multi-Purpose Use and Value Added Services
Cadastral services

The procedure is characterised by co-operation between the interested parties concerned and the authorised officer who conducts the procedure.

New demands

Secure transmission of electricity by utility easement procedures and handling of corridors along the transmission lines in forest areas

Improve road safety by giving rights for setting up wire railings or to arrange realotments when a dangerous crossing road is taken away

Secure land use rights for setting up wind turbines.
Digital archives

The archives consists of more than 2.5 million individual acts with totally over 50 million pages and maps.

The digitalization of the archives and the setting up of efficient access tools creates

- Cost savings within the real property formation process
- Satisfy the great interest from professionals and the public to get easy access to the information
- Reduce the costs for archives and maintenance of the documents.

My Real Property

Gävle Axmar 20:12

<table>
<thead>
<tr>
<th>Data</th>
<th>Befolkning</th>
<th>Senaste ändringen i allmänna datalen</th>
<th>Senaste ändringen i inckländsdata</th>
<th>Aktuellt datum inckländsdata</th>
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Map of Gävle Axmar area.
International market

Lantmäteriet is active on the International Market together with Swedesurvey AB. We have projects in about 30 countries

Strategic goal for Export of Services

Providing know-how and experiences in land management worldwide for sustainable development, poverty reduction and economic growth
SDI and e-government

- Geodata is needed in critical functions of society
- Geodata is the backbone in e-government...
- ...70-80% of all public procedures includes a geographic component

Cluster of co-operating agencies

- Geodata portal
- My company
- Company portal
- Service license portal
- Harmonization of business support
- Driving license portal
- EU Service Directive
- CAB
Important decisions

• The coordinating responsibility of the National Land Survey of Sweden
• The Geodata Advisory Board
• A national strategy for the provision of data within the geodata field
• Government’s action plan on e-Government

Action areas

1. Cooperation in networks
2. Structuring the information
3. Technical infrastructure
4. National metadata catalogue
5. Geodetic reference system
6. Research, development and education
7. Legal framework
8. Financing and pricing
**Increased cooperation**

- The establishment of the Geodata project
- The development of a common business model
- User oriented
- Increase public/private cooperation
- Increase growth and competitiveness
- Common rules

Coming soon: Swedish Geodata portal
Cooperation – an important precondition!

We are on the way...

- A wide support
- Better understanding for the need of actions
- The EC-directive INSPIRE implies great demands
- Long-term approach
- Strong link to e-governance
- Willingness of the actors is crucial