Employment of the User Interface 2000 for the Development of the New National Cadastral Index Map of Sweden – Some Experiences

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Example of an old Cadastral Index Map

Example of a new Cadastral Index Map

The Land Information System in Sweden

The New National Cadastral Index Map of Sweden

Cadastral Information in Sweden

Geographic representation of the Cadastral Data

Description of the Cadastral Data, text format
User Interface 2000

- Information models.
- A transfer file in GML format.
- An application for data transfer

Information Models

GML

Adjustment of the own system
Management and transfer of data according to Information Models

Example, subdivision

Information from the GML file

Example, subdivision
Experiences

Problems
- Different “working environments”
- Lack of competence by employees

Cooperation demands
- Continuous commitment from the management(s)
- Flexibility
- A considerable starting period

Benefits
- Build-up of the databases: 60-70 000 000
- Running of the system: 10-15 000 000/year
- Income from sales
- Direct savings
- Positive infrastructural effects in the society

Costs
- 5 000 000/year
- Direct savings
- Positive infrastructural effects in the society

Future Plans
- New modern, object oriented environment for storing the cadastral information
- UI 2000, will be used for exchange of other geographical data
- Other users will use UI 2000 for exchange of their geographical data.

National Cadastral Index Map

Many thanks for your attention
more information on www.lantmateriet.se