Moving Focus from Organisation and Data to Information

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Chief IT-Development

Lantmäteriet
(National Land Survey of Sweden)
Too much money is wasted on development of IT-systems for Land Administration.

The Public sector is not taking full advantage of IT.
Two Different Approach

Organisational Approach
Should IT support the business processes?
Maintains existing processes

Information Approach
Should IT be a tool for changing the business processes?
Moves the business forward
Land Registering

Present situation in Sweden

- A well functioning real property market,
- low transaction costs
- title and mortgage over a day


<table>
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<tr>
<th>Number of procedures</th>
<th>Time, days</th>
<th>Cost, % of property value</th>
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Integrated Land Administration System in Sweden

Supply

- Lantmäteriet
- Real Property Formation
  - Land Register Authorities
  - Municipalities
  - Tax Administration
  - National Road Admin
  - County Adm Board
  - Enforcement Services
  - Nat. Heritage Board
  - Nat H Cred Gua Boa
  - Banks etc.

Dissemination

Real Property Register
- Descriptive Part
  - Common Land Register Addresses
  - Buildings Apartments Mortgage Bounds

Geographical Infrastructure
- Digital Cadastral Maps
- Basic Geographic Data
- Geodetic Network

Digitised Archive
- Historical Maps Digitised Dealings

Extracts

Internet

LANTMÄTERIET
Just an Example

• Data or valuable information
  Falun Bengtsheden 27:1
  Falun Bengtsheden S:35

• Who is paying?
Where in Europe?
Maps look the same
A cadastral number is assigned to each land parcel and properties located on the land parcel.
Where in Europe?
Step by Step

1. Identify Business
2. Identify Interested Parties
3. Analyse Results (Effects)
4. Describe Future Processes
5. Identify IT components
6. Identify Information
7. Process Synchronisation
8. Information Synchronisation
9. Realisation Plan

Process Modelling

Realisation/Implementation
National GIS Initiatives

Ministries

Governmental Agencies

Governmental or Private

External Users

Ministry of Justice
Ministry of Housing
Ministry of Finance
Ministry of Planning
Ministry of Internal
Ministry of Agriculture

Land Information System
Focus on Information

Ministries

Governmental Agencies

Governmental Agencies Responsible for The System

External Users
Registers and Databases

Property-register incl DRM
Mortgage Bounds
GGD
Documents etc.

Copy-Mgmt
Indexing

ATG
G10
Sigma etc.

Appl. Servers/WebService

Lantmaterie
Land Registries
Counties
Municipalities
National Road Adm.
Nat. Heritage Board
Enforcement Services
Tax Administration
Banks and Credit Institutes

Documents
etc.

Land Registers

Counties

Municipalities

National Road Adm.

Nat. Heritage Board

Enforcement Services

Tax Administration

Banks and Credit Institutes

Products
Integrated Land Administration System in Sweden

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- Extracts

Internet
- LANTMÄTERIET
Resource Provider (Standard System)

- Portal
- Diary
- e-mail
- Office
- Other existing ERP

Business Process Management (BPM) Workflow

Input:
- e-form
- Scanning

Output:
- Search Engine
- Presentation
- Export

Electronic Archiving

XML / Metadata

LANMÄTERIET
Critical Success Factors
(The Swedish experience)

• Focus on Information and Customers
• Ownership of Data
  – Responsibility for Maintenance
  – Data Exchange or Interoperability
• Inter-Authority Co-operation
• One Logical Database
  – Unique and Unified Identifiers
• Openness
  – Competition
Critical Success Factors
(The Swedish experience)

- Anchor
  - Strong support
- Information
  - Who are you doing it for?
- Realistic
  - System or “just a pilot”
  - Time
- Funding
  - Money, money, money,,,,
- Legal Backing
  - Involve legal people
  - Technically, socially and legally accepted
Rethinking

• How much influence has the concept “Best Practice” had on processes in Land Administration in your country?

• Harmonisation?
Registering Property — Compare All Economies

The table below shows main indicators for registering property. They include:

- number of procedures legally required to register property,
- time spent in completing the procedures, and
- the costs, such as fees, transfer taxes, stamp duties, and any other payment to the property registry, notaries, public agencies or lawyers. The cost is expressed as a percentage of the property value, calculated assuming a property value of 50 times income per capita.

For main indicators by economy, click on the economy name. Click excel version for a copy of the data in Microsoft Excel. See the methodology for description of indicators.

The methodology is developed in “Property,” an ongoing research project by Simeon Djankov, Facundo Martin, and Caralee McLiesh. When using the data, please also cite this paper as a reference.

Clicking the headers below will sort data by column.

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Samfällighet

Beteckning
Falun Bengtsheden S:35
Nyttel: 200050148

Senaste ändringen i allmänna delen
2002-12-20

Församling
Svärdsjö

Läge, karta
Område 1
(Rikets 2,5gonV)
X: 6730392.1
Y: 1499833.2
(Rikets 2,5gonV)
Registerkarta 13569

Areal

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<td>1 203 kvm</td>
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Rättigheter

Redovisning av rättigheter kan vara ofullständig

Ändamål

Myrty och lertag vid sjön winarn

Delägande fastigheter

Förvaltning
Bengtshedens samfällighetsförening

Beteckning | Andel | Skattetyp |
------------|-------|-----------|
Falun Bengtsheden 1:10 | 0,946 | % |
Falun Bengtsheden 1:11 | 0,881 | % |
Falun Bengtsheden 1:12 | 0,194 | % |
Falun Bengtsheden 1:13 | 0,010 | % |
Falun Bengtsheden 3:10 | 0,007 | % |
Falun Bengtsheden 3:11 | 0,007 | % |
Falun Bengtsheden 3:12 | 0,129 | % |
Falun Bengtsheden 3:13 | 0,129 | % |
Falun Bengtsheden 3:17 | 0,206 | % |
Falun Bengtsheden 3:21 | 3,469 | % |
Falun Bengtsheden 4:4 | 2,290 | % |
Falun Bengtsheden 4:5 | 1,648 | % |
Falun Bengtsheden 4:6 | 0,014 | % |
Falun Bengtsheden 4:7 | 0,032 | % |
Falun Bengtsheden 4:8 | 0,058 | % |
Falun Bengtsheden 5:2 | 2,307 | % |
Falun Bengtsheden 5:3 | 2,306 | % |
Falun Bengtsheden 6:1 | 1,525 | % |
Falun Bengtsheden 7:1 | 0,814 | % |
Falun Bengtsheden 8:1 | 1,191 | % |
Falun Bengtsheden 9:1 | 1,493 | % |
Falun Bengtsheden 10:1 | 0,897 | % |
Falun Bengtsheden 10:7 | 0,896 | % |
Falun Bengtsheden 11:1 | 2,191 | % |
Falun Bengtsheden 12:1 | 2,119 | % |
Falun Bengtsheden 13:3 | 1,039 | % |
Falun Bengtsheden 15:11 | 2,731 | % |
Falun Bengtsheden 15:12 | 0,715 | % |
Falun Bengtsheden 16:1 | 2,537 | % |
Falun Bengtsheden 18:20 | 4,137 | % |
Falun Bengtsheden 22:7 | 0,068 | % |
Falun Bengtsheden 23:1 | 1,833 | % |
Falun Bengtsheden 24:1 | 1,256 | % |
Falun Bengtsheden 25:1 | 1,523 | % |
Falun Bengtsheden 26:5 | 2,173 | % |
Falun Bengtsheden 27:1 | 1,932 | % |
Falun Bengtsheden 28:1 | 1,375 | % |
Falun Bengtsheden 30:8 | 1,757 | % |

http://hamplats.lantmateriet.se/finfo/protect/fsokavtal/servlet/fastighetsok

2004-12-09
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**Åtgärd**

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<th>Fastighetsrättsliga åtgärder</th>
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<th>Akt</th>
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<tbody>
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Fastighet

Beteckning
Falun Bengtsheden 27:1
Nyckel: 200050404

Senaste ändringen i allmänna delen: 2001-07-09
Senaste ändringen i inskrivningsdelen: 1996-03-19
Aktualitetsdatum i inskrivningsdelen: 2004-11-11

Församling
Svärdsö

Läge, karta

Område

1 6729700.0 1504075.0
2 6726817.0 1512229.0
3 6729892.8 1505317.2

Registerkarta X (Rikets 2,5gonV)

Areal

Område Totalareal Därav landareal Därav vattenareal

86 4439 kvm 86 4439 kvm

Anmärkning: Ej arealredovisat vattenområde (akt 2080-741)

Lagfart

Ågare
480822-7732
Ljunggren, Bill Tommy
Norra Skeppargatan 23 A Läg 00122
803 23 Gävle
Köp: 1981-09-06
Ingen köpeskilling redovisad.
510706-7141
Ljunggren, Irene Elisabeth
Norra Skeppargatan 23 A Läg 00122
803 23 Gävle
Köp: 1981-09-06
Ingen köpeskilling redovisad.

Anteckningar

Fastigheten besväras ej av sökt eller beviljad anteckning.

Inteckningar

Totalt antal inteckningar: 2
Totalt belopp: 358.000 SEK

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Rättigheter

Redovisning av rättigheter kan vara ofullständig

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Taxeringsuppgifter

Page dimensions: 596.0x842.0

http://hamtplats.lantmateriet.se/finfo/protect/fsokavtal/servlet/fastighetsok
Obebyggd lantbruksenhet (110) 124415-1
Omfattar hel registerfastighet

**Taxeringsvärde**
1.143.000 SEK, ingående värden se taxeringsinformationen

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**Andel i gemensamhetsanläggningar och samfälligheter**
Samfällighetsutredning ej verkställd, redovisningen av fastighets andel i samfällighet kan vara ofullständig

**Gemensamhetsanläggningar**
Falun Rupstjärn GA:3

**Samfälligheter**
Falun Bengtsheden S:1, S:19-24, S:34-38
Falun Svärdsjö Besparingsskog S:1
Falun Svärdsjö Kyrkby S:3

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1990-04-27 2080-855

**Avskild mark**
Falun Bengtsheden 27:2-11

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