E-government Initiatives in the Danish Land Administration System

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The Danish Land Administration System

- Client
- Licensed Surveyor
- Municipality
- National Cadastre
- Land Book
- Cadastral Map
- Parcel Registry
The Danish Land Administration System

National cadastre contains a database of the cadastral map and a registry with parcel information.
The Danish Land Administration System

The land book contains deeds, mortgages and easements
A licensed surveyor do the necessary legal surveys and prepare documents to the National Survey and Cadastre for updating the cadastre.
The Danish Land Administration System

Documents are also forwarded to the municipality for updating of the property tax register.
Three Main Initiatives

- MIA – Cadastral Update System
  - Exchange of cadastral data with licensed surveyors
- miniMAKS
  - Updating and quality management system in the administration of the cadastre
- e - title registration
  - Digitizing, automation and re-organization of the administration of the land book
MIA - Cadastral Updating System
MIA – Cadastral Updating System

Manually L

Electronically

Integrated in the Surveyors CAD-tool

Electronically
MIA - Cadastral Updating System
miniMAKS – Updating and quality management system
minIMAKS - Updating and quality management system

Access to information and services through the internet

Preparation of case
MIA-Client
Database

Web Service Components
Case Enquiry
Data Extraction
Quality management
Status of Case

Incoming Inspection
Case Data
Cadastral data
Archive

Registration and Filing
Review
Acceptance

Licensed Surveyor
Cadastre

Danish Ministry of the Environment
National Survey and Cadastre
miniMAKS – Updating and quality management system
**minIMAKS – Updating and quality management system**

**Clients Municipalities Others**

- **Licensed Surveyor**
  - Preparation of case
  - MIA-Client
  - Database
- **Web Service Components**
  - Case Enquiry
  - Data Extraction
  - Quality management
  - Status of Case
- **Cadastre**
  - Incoming Inspection
  - Registration and Filing
    - Review
    - Acceptance
  - Case Data
  - Cadastral data
  - Archive

**MiniMAKS**

- Updating and quality management system

**Clients**

- Municipalities
- Others
E-government in the Land Book
E-government in the Land Book

Digitalization of 80 million sheets of paper
E-government in the Land Book

One web portal to service all clients
E-government in the Land Book

Use of web-components in the registration and in the exchange of information
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Use of e-signatures to identify users
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E.g. in registration of title for a property
E-government in the Land Book

Extensive use of guides and controls
Timetable

- **MIA – Cadastral Update System**
  - Implemented
- **miniMAKS – Updating and quality management system**
  - June 2006
- **e – title registration**
  - November 2007
Conclusion

• Three important components for e-Government in the cadastral domain

• Still to come:
  – Full digital workflow within other governmental institutions, municipalities etc.
  – Other processes in the real estate business, valuation etc.
Thank you