Tuomo Heinonen

Country Report of FINLAND

FIG Commission 7
Annual Meeting 2008
13 September
Verona, Italy

NATIONAL LAND SURVEY OF FINLAND

FACTS ABOUT FINLAND

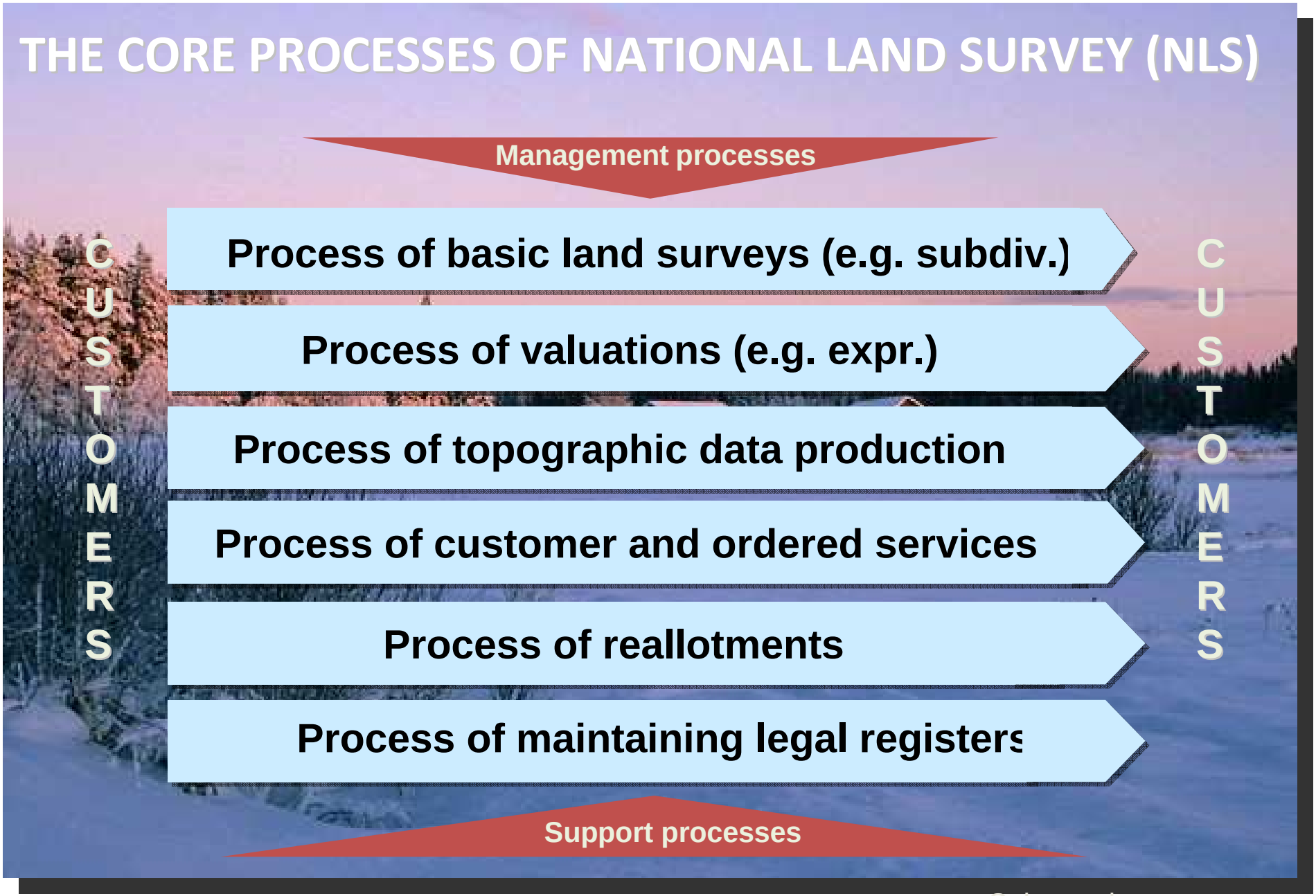
- Land area 304,530 km2
- Water area 33,615 km2
- Total area 338,195 km2

- Population 5.2 million (67% in towns)
  - 17 inhabitants per km2

  - 19 counties
  - 416 municipalities

- 2.1 million cadastral units
  - 5.0 million parcels

THE CORE PROCESSES OF NATIONAL LAND SURVEY (NLS)



Administration

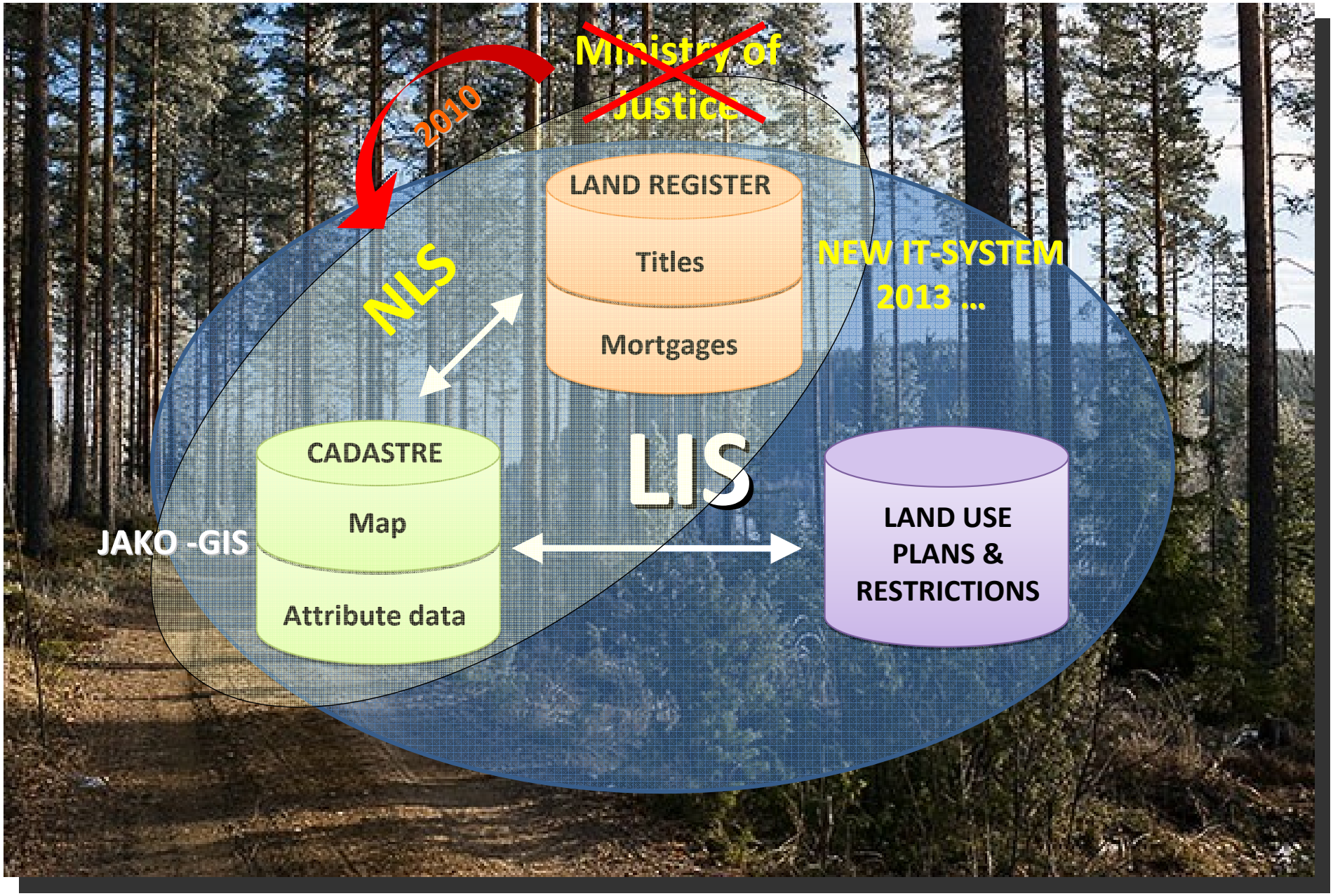
Development

Sales and marketing

TOPICAL IN FINLAND:
• Title and Mortgage Register from Ministry of Justice to National Land Survey (NLS)
• Invitation for the 'Finnish National Geoportal Piloting Version' bids until 26th September 2008
• Towards 3D Registration
• All Produced Cadastral Survey Documents Automatically into the Digital Archive 2009

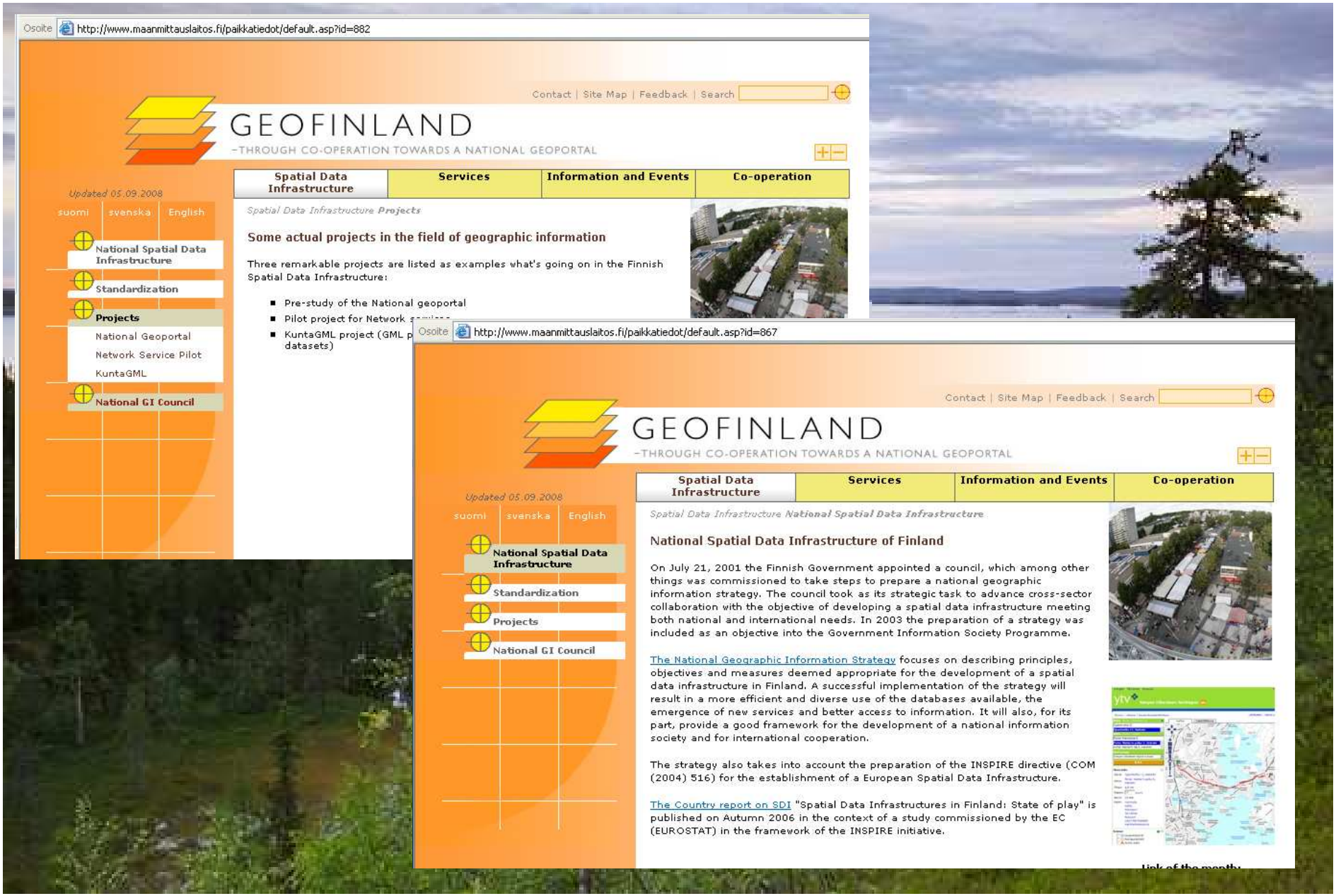
TITLE AND MORTGAGE REGISTER FROM MINISTRY OF JUSTICE TO THE NATIONAL LAND SURVEY (NLS)

- Transfer of the land registration operations (with their personnel) from the district courts to the NLS will take place on January 4th 2010
- The registration duties will be integrated as a part of core process structure of the NLS
- The forum for land registration is the District Survey Office (DCO) closest to the location of the property
- Legal support is arranged by establishing an adequate number of new positions in the DSO
- The current data system will be modernized later
- The Governments Productivity Program will be taken into account


Ministry of Justice
2010
NLS
LAND REGISTER
Titles
Mortgages
NEW IT-SYSTEM
2013 ...
LIS
CADASTRE
Map
Attribute data
JAKO -GIS
LAND USE
PLANS &
RESTRICTIONS

INVITATION FOR THE 'FINNISH NATIONAL GEOPORTAL PILOTING VERSION' BIDS UNTIL 26TH SEPTEMBER 2008

- is the latest stage of the National Geoportal Project
- The Geoportal will fulfill the requirements of the INSPIRE directive
- The pilot will be in use during 2009
- The FNGP will be in use in 2010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GEOFINLAND
-THROUGH CO-OPERATION TOWARDS A NATIONAL GEOPORTAL
Spatial Data Infrastructure
Services
Information and Events
Co-operation
Updated 05.09.2008
suomi svenska English
National Spatial Data Infrastructure
Standardization
Projects
National Geoportal
Network Service Pilot
KuntaGML
National GI Council
Spatial Data Infrastructure Projects
Some actual projects in the field of geographic information
Three remarkable projects are listed as examples what's going on in the Finnish Spatial Data Infrastructure:
Pre-study of the National geoportal
Pilot project for Network
KuntaGML project (GML
datasets)
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GEOFINLAND
-THROUGH CO-OPERATION TOWARDS A NATIONAL GEOPORTAL
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National Spatial Data Infrastructure
Standardization
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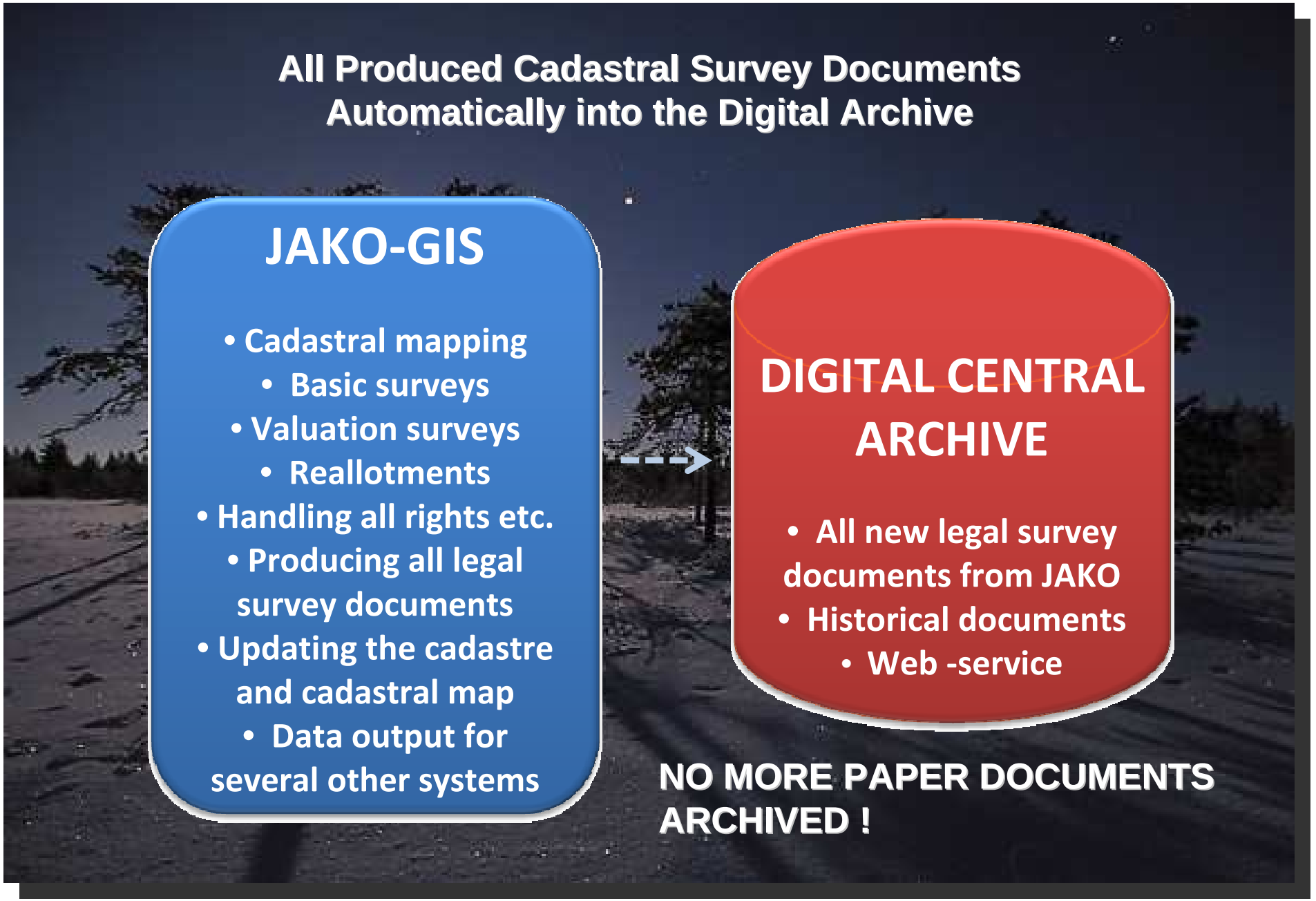
National GI Council
Spatial Data Infrastructure National Spatial Data Infrastructure
National Spatial Data Infrastructure of Finland
On July 21, 2001 the Finnish Government appointed a council, which among other things was commissioned to take steps to prepare a national geographic information strategy. The council took as its strategic task to advance cross-sector collaboration with the objective of developing a spatial data infrastructure meeting both national and international needs. In 2003 the preparation of a strategy was included as an objective into the Government Information Society Programme.
The National Geographic Information Strategy focuses on describing principles, objectives and measures deemed appropriate for the development of a spatial data infrastructure in Finland. A successful implementation of the strategy will result in a more efficient and diverse use of the databases available, the emergence of new services and better access to information. It will also, for its part, provide a good framework for the development of a national information society and for international cooperation.
The strategy also takes into account the preparation of the INSPIRE directive (COM (2004) 516) for the establishment of a European Spatial Data Infrastructure.
The Country report on SDI "Spatial Data Infrastructures in Finland: State of play" is published on Autumn 2006 in the context of a study commissioned by the EC (EUROSTAT) in the framework of the INSPIRE initiative.

TOWARDS 3D REGISTRATION
'3D Committee' of the Ministry of Agriculture and Forestry (MAF, responsible for land surveying and cadastres) SUGGESTS (2008):
• "The 3D cadastre possible in Finland."
• "Working Group for legal preparations"
• "NLS and the Municipalities studying the technical and functional solutions and their costs"
• " The Ministry of Environment evaluating the instructions for the detailed planning and permissions"

All Produced Cadastral Survey Documents Automatically into the Digital Archive

- Production of cadastral maps, other cadastral survey documents and updating the cadastre has been fully automated (JAKO-GIS) since 1998
- In the beginning of year 2009 all these documents will be automatically transferred into the (DIGITAL) CENTRAL ARCHIVE
- These and in the long run also all the historical maps and other documents are available on Archives Web-service


All Produced Cadastral Survey Documents
Automatically into the Digital Archive
JAKO-GIS
• Cadastral mapping
• Basic surveys
• Valuation surveys
• Reallotments
• Handling all rights etc.
• Producing all legal survey documents
• Updating the cadastre and cadastral map
• Data output for several other systems
DIGITAL CENTRAL ARCHIVE
• All new legal survey documents from JAKO
• Historical documents
• Web -service
NO MORE PAPER DOCUMENTS ARCHIVED !

Thank You!