

A MORE SECURE AND EFFICIENT REAL PROPERTY REGISTER & OTHER CURRENT DEVELOPMENTS

JOINT PCC – EUROGEOGRAPHICS WORKSHOP AND INTERIM PCC PLENARY, RIGA
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MAPPING

MISSION

- Lantmäteriet secures the ownership of properties and makes geodata available to society.
- Lantmäteriet actively and in collaboration with others is actively pursuing the digitalization of the community building process in Sweden.

“We are thereby assisting in creating the foundation for the national economy. Our information enables wise decision making, hence contributing to a sustainable development of society.”



VISION

- Secure, fast and available; location and ownership
- The vision reflects Lantmäteriet's core business; i.e, positioning, geographical- and real property information, cadastral services, land registration and place names.
- A number of the assignments we have had ever since the authority was established in 1628, but the way in which we perform them evolves.
- Other assignments have been added more recently.



TARGET AREAS

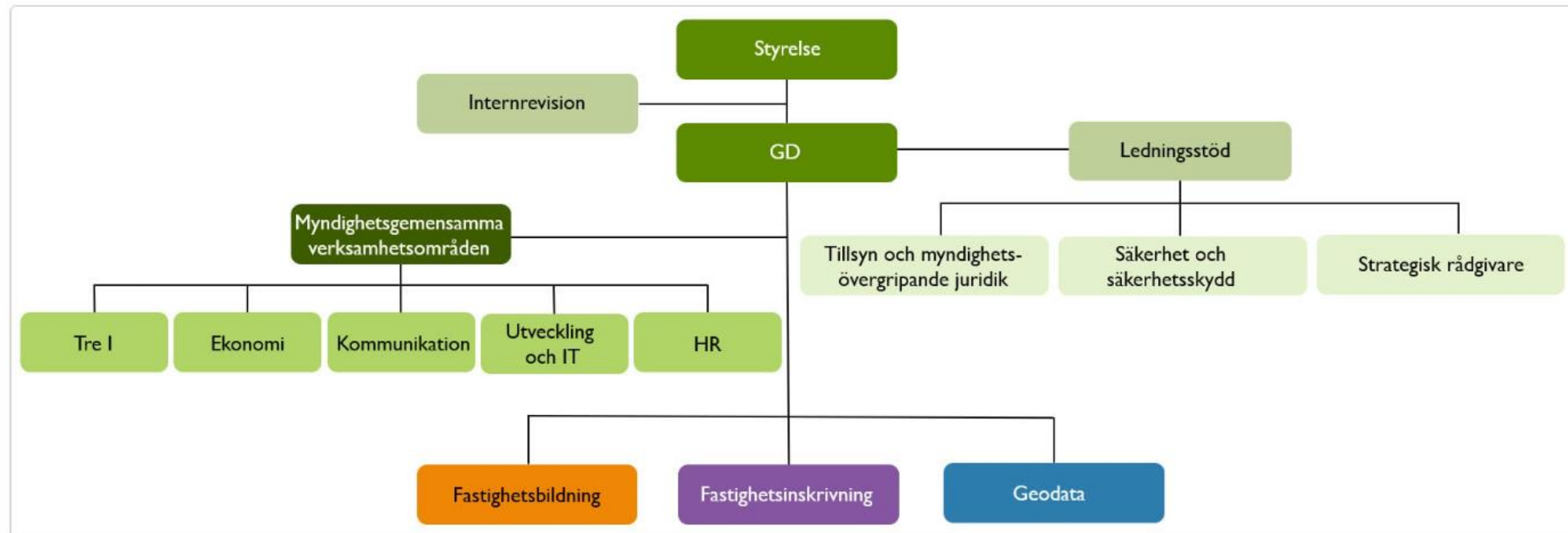
Four target areas:

- A sustainable digitalized community building process where information is reliable and easily accessible.
- A delivery that meets the needs of society and our customers.
- An attractive workplace where we take joint responsibility for our mission.
- A balanced economy that is stable and long-term.



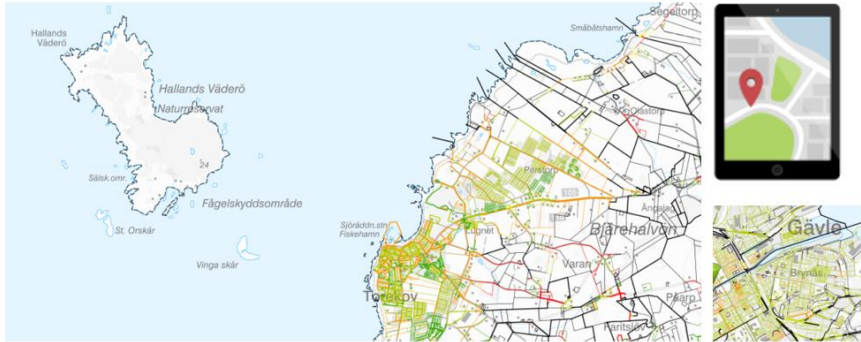
ORGANISATION

- Lantmäteriet is led by a board of directors including the agency's Director General.
- Lantmäteriet is located in 50 locations in Sweden with its headquarters in Gävle. Cadastral Services is represented in 49 locations, Land Registration in 9 locations and Geodata in 6 locations.



PROPERTY BOUNDARIES

Action plan for Lantmäteriet's work to improve location accuracy for property boundaries (boundary points) in the register map.



Smart countryside



ONGOING DEVELOPMENTS

Cadastral system development

- Development of a new handling system for cadastral processes
- Development of an interface to the real property register

High Value Data

- Implementation

Upcoming tasks

- Register of condominiums
- Comprehensive changes to the legal framework of the real property register
- Crime prevention and law enforcement – how can Lantmäteriet (and others) do more

Government investigations

- Digital coordinates for the definition of real property boundaries
- Responsibility for cadastral work in Sweden in the future



CADASTRAL SYSTEM DEVELOPMENT

DEVELOPING NEW IT-SYSTEM FOR CADASTRAL SERVICES CONSISTS OF THREE PROJECTS

ALADDIN

The project aims to **maintain Lantmäteriet's mission** as the IT-support of today's system Trossen ends in 2027. The project will replace Trossen and will also remedy errors and shortages in today's system.

NEW GEOMETRIC SYSTEM

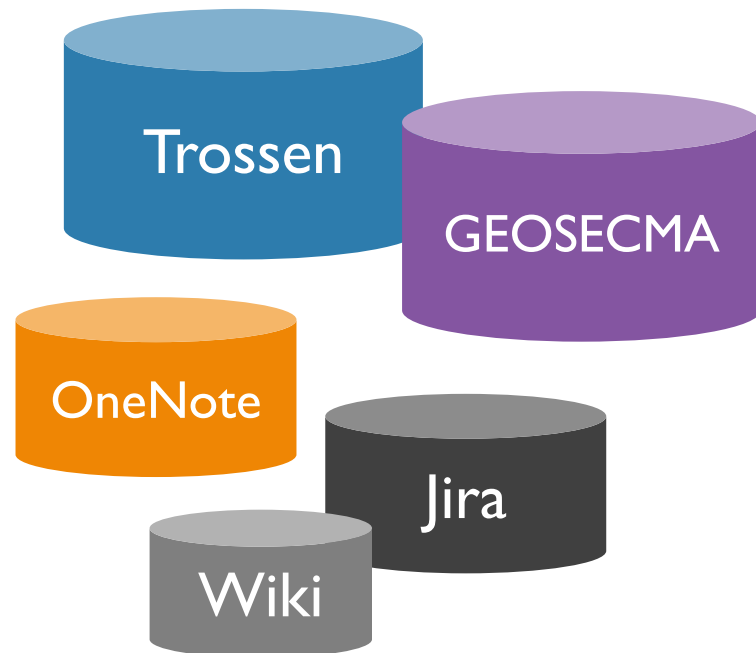
The project aims to **maintain Lantmäteriet's mission** as the IT-support of today's system GEOSECMA ends in 2026. The project will replace GEOSECMA and as far as possible use standard functionality in Esri's platform ArcGIS Pro.

DEVELOPING E-SERVICES

The project aims to **make today's activities more effective** by replacing analogue handling with digital handling and processes, this will enable more correct and complete applications and a faster handling and better communication with the customers during ongoing applications.

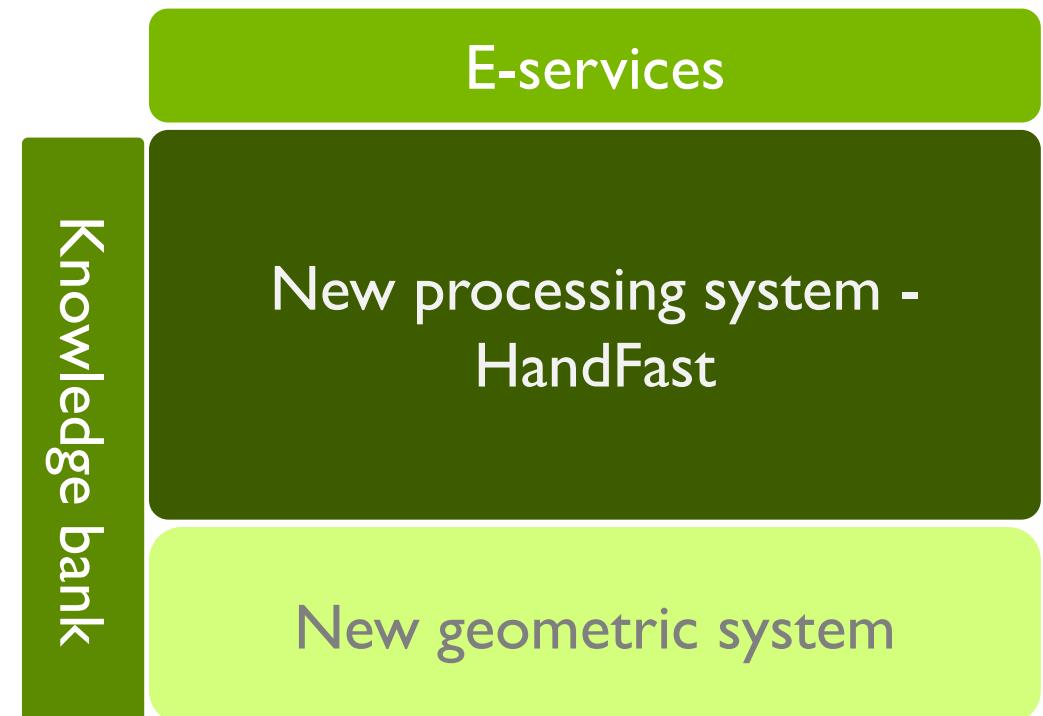
CURRENT STATE

Several different systems that are used in various ways and extents and are not integrated with each other.



FUTURE STATE

Integrated systems and applications that are experienced as one processing system with a more standardized and uniform process.



EXTENT OF THE NEW IT-SYSTEM FOR CADASTRAL SERVICES

Handfast

- New processing system replacing today's system, Trossen, also including functionality for planning cases
- Includes diary system (ilpax Case), will use the same diary system and functionality for handling documents as the rest of Lantmäteriet does.

Knowledge bank

- Digitized manuals in a web service that is integrated in the processing system Handfast which enables easy access to relevant supporting information at certain steps in the handling process

E-services

- Includes the e-services E-ansökan (E-application) och Pågående Lantmäteriförrättning (Ongoing land survey)
- Aiming to increase the digital exchange of information between customer and team responsible for the processing

New geometric system

- New processing system for handling the geometric part of the application, replacing today's system GEOSCEMA

HIGH VALUE DATA, NATIONAL GEODATA PLATFORM

THE IMPLEMENTATION PROVISIONS OF THE OPEN DATA DIRECTIVE – HIGH VALUE DATA

The valuable data sets should be free of charge and provided in open formats via APIs and for bulk download. Available for redistribution under CC BY 4.0 or lower

Datasets concerned:

- Administrative Units
- Place names
- Addresses
- Buildings
- Cadastral Parcels/designations/boundaries
- Hydrography
- Land cover
- Elevation data
- Orthophoto

Fee exemption until 9 February 2025



NATIONAL GEODATA PLATFORM

- Different themes of information are made available in the National Geodata Platform, e.g. detailed plans, buildings, boundary for forest area close to mountainous area in the north
- Based on national specifications
- Smarter planning and building process.
- Infrastructure



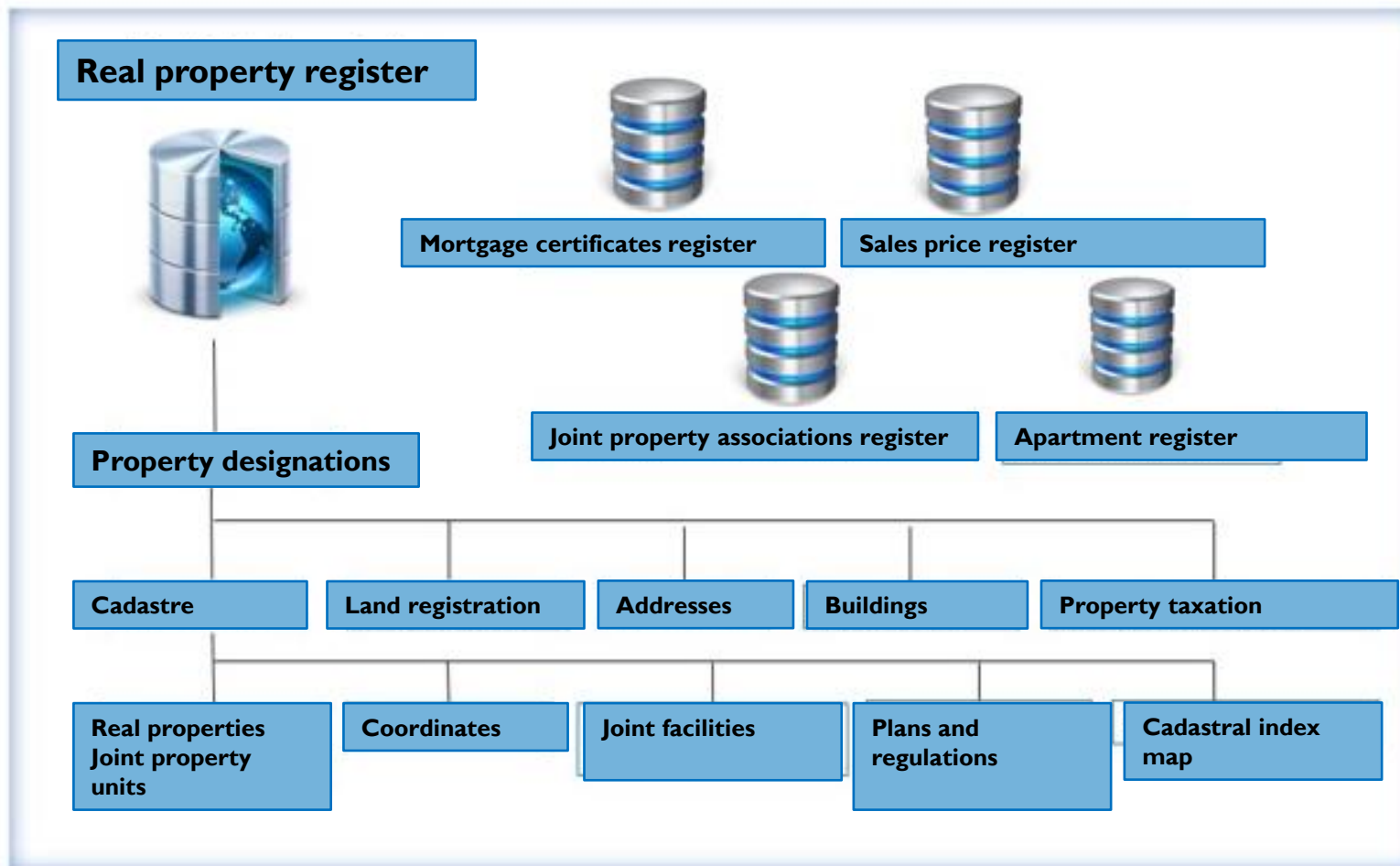
UPCOMING TASKS AND GOVERNMENT INVESTIGATIONS

THE SWEDISH REAL PROPERTY REGISTER – AND ADJACENT REGISTERS

Overview legal framework

Focus on quality, co-operation, interoperability, information security,

Proposal on digital/ not only paper documents for land registration



Marine cadastre, integration of domains

Register of condominiums / property market

Co-ordination number/ person numbers

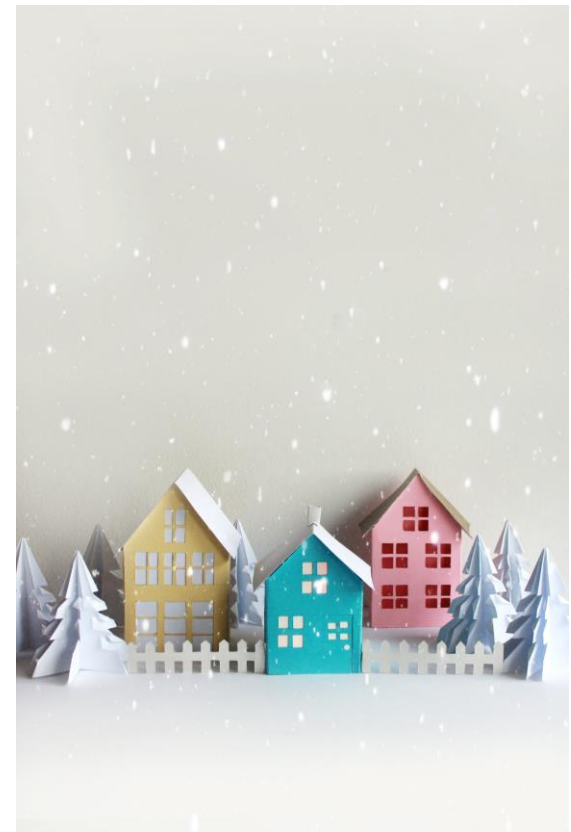
HVD, Digital planning and building process, national platform

CHANGES TO THE LEGAL FRAMEWORK OF THE REAL PROPERTY REGISTER

Report (SOU 2024:7), A more secure and accessible Real Property Register

The investigation proposes that the current law on property registers should be replaced with two new laws, where questions about the processing of personal data are regulated in a separate law, separated from the operational regulations surrounding the property register.

- Instead of one Law on Real Property Register – split into two, protection of personal integrity, provision and operations
- Continued central register, Lantmäteriet
- Digital, modern, data from the authority responsible - successive transition, relocation of some information from the Real Property Register when other authorities are able to make the information available nationally via an IT-tool (such as the geodata platform), with connection to the register (plans and regulations) and with a prescription right for Lantmäteriet
- Facilitate certain searches in the register
- Establish a new council for cyber security



REGISTER OF CONDOMINIUMS

Report (SOU 2022:39), A register for all condominiums

- How a register for condominiums could be designed with the aim of strengthening the functioning of the housing market?
- How the management of mortgage liens for condominiums could be improved?

Proposed new task for Lantmäteriet

A register for condominiums would increase security for the individual holder of a condominium and for those planning to acquire their first home or change form of housing. The register would provide security against hidden mortgages, collect statistics on condominiums that are currently missing or difficult to obtain. The register could help in crime prevention, e.g. money laundering or being registered on non-existent condominiums.

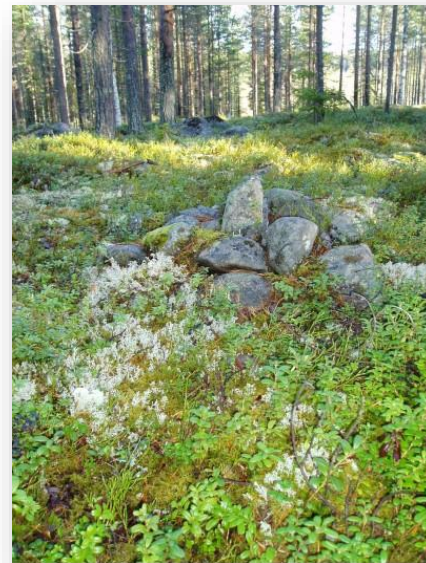


DIGITAL COORDINATES FOR THE DEFINITION OF REAL PROPERTY BOUNDARIES SOU

A special investigator must investigate the conditions for a system where property boundaries are primarily determined by coordinates and submit proposals on how such a system can be introduced. The aim is to, through improved access to correct digital information about property boundaries, strengthen legal certainty and increase efficiency in property formation, exploitation and other activities connected to properties.

The investigator must, among other things

- *highlight the pros and cons of introducing a system with coordinate-determined property boundaries,*
- *investigate different alternatives to a gradual introduction of property boundaries determined by coordinates, analyze the alternatives' pros and cons and decide which of these alternatives should be chosen,*
- *propose a system which means that property boundaries should primarily be determined in coordinates and propose a legally secure and cost-effective procedure for determining property boundaries in coordinates,*
- *decide whether, and if so how, the current technical conditions can affect the introduction of a system with coordinate-determined property boundaries, and*
- *submit the necessary constitutional proposals*



THANK YOU – PALDIES!

TACK! VI FINNS PÅ...

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