

ENABLING GEOSPATIAL AND CADASTRAL DATA FOR SECURE AND SUSTAINABLE DEVELOPMENT IN THE SWEDISH CONTEXT

PERMANENT COMMITTEE ON CADASTRE IN THE EUROPEAN UNION, 2026

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LANTMÄTERIET, THE SWEDISH AUTHORITY FOR CADASTRE, LAND REGISTRATION AND MAPPING



A GOVERNMENT AUTHORITY

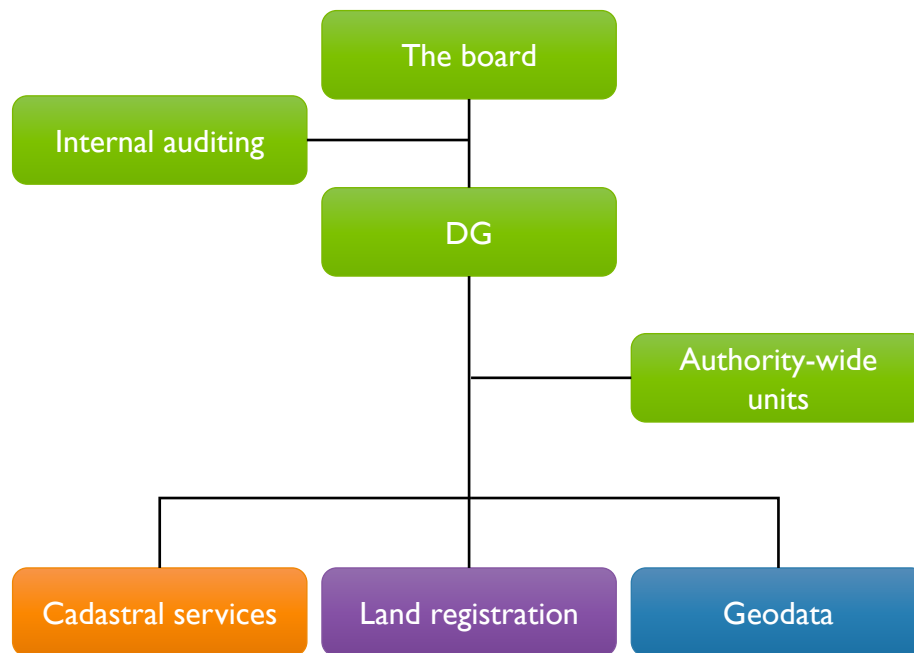
Lantmäteriet

Swedish mapping, cadastral and land registration authority

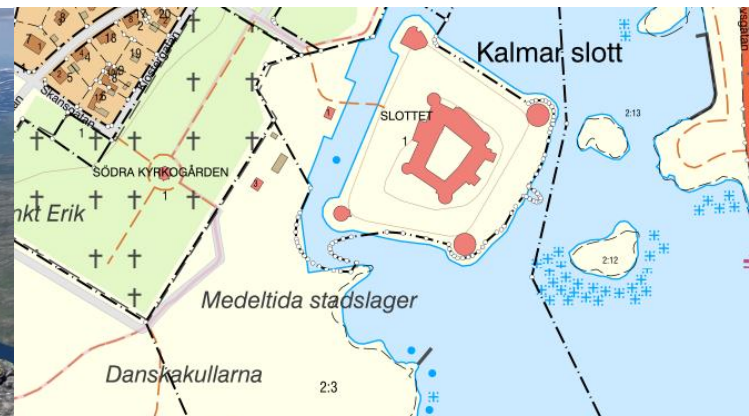
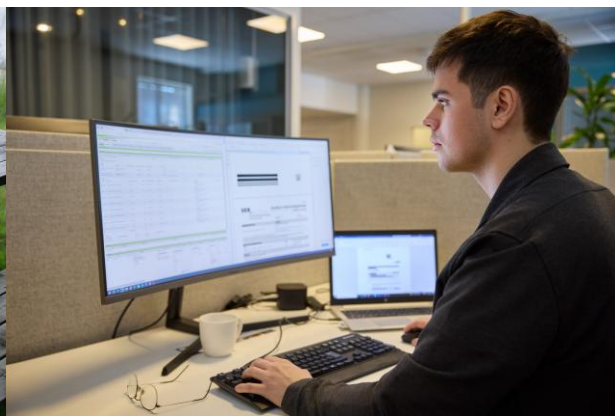
We belong to the Ministry of Rural Affairs and Infrastructure.



OUR ORGANIZATION



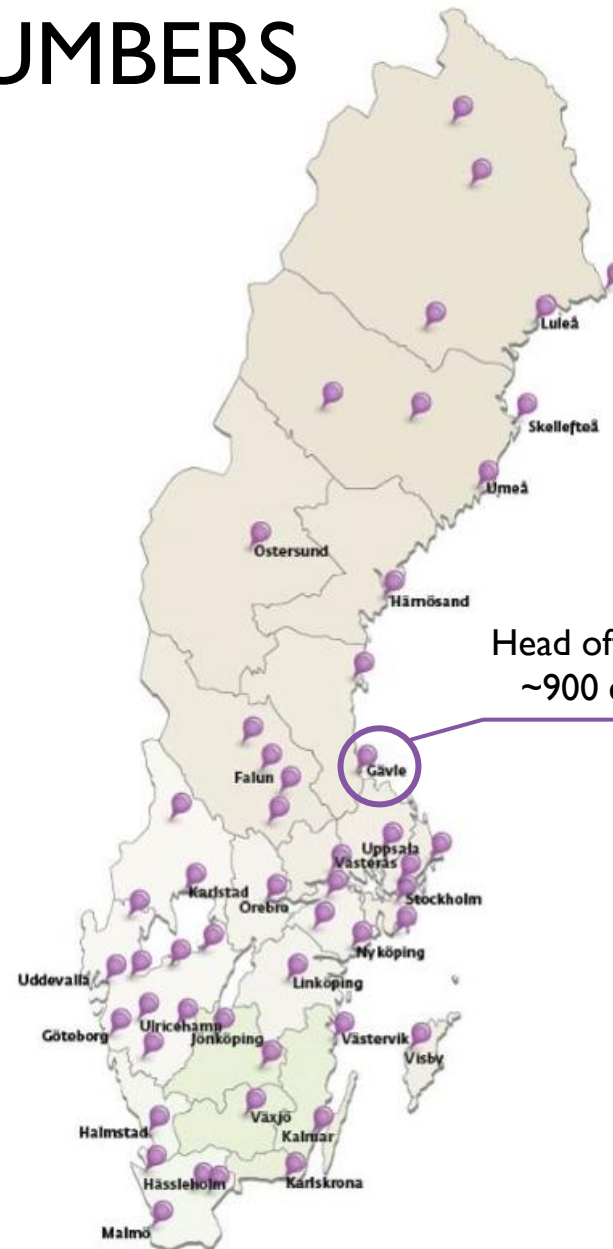
Fredrik Holmberg
Director general



LANTMÄTERIET IN NUMBERS

Founded in 1628
2 years left to 400 years!

2,4 billion SEK (~225 million EURO)
62 % from fees and other charges
38 % from government grants



Offices in 50 cities
~2100 employees
59 % women, 41 % men
Average age is 45

9 500 application for
cadastral procedure
472 000 application for
land registration

MISSION OF LANTMÄTERIET

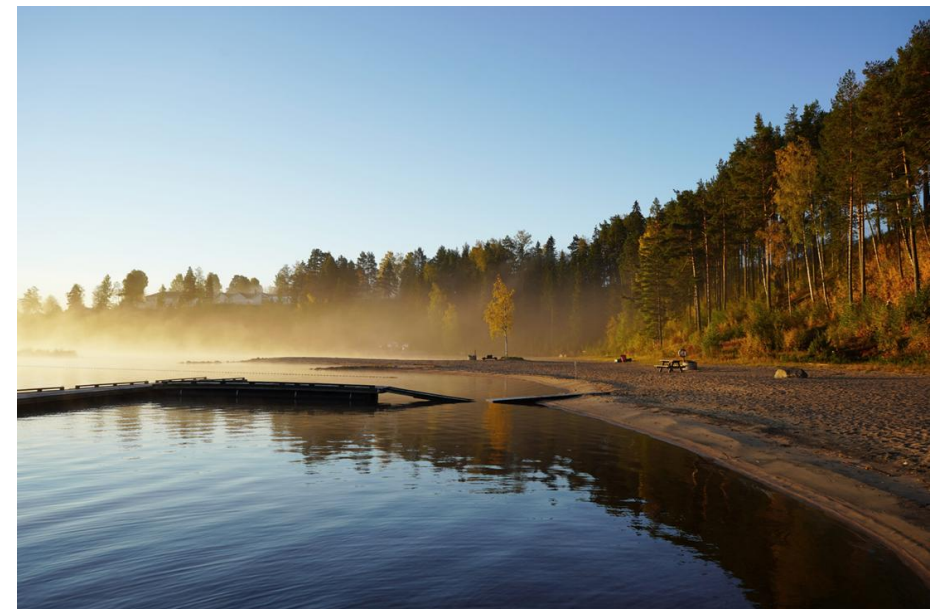
Securing ownership of real properties
and making geodata available in the society.



Taking the lead in the digitalization
of a smarter planning and building process.

CO-OPERATION IS FUNDAMENTAL

- Municipalities
- County councils and Governmental authorities
- Geodata Council
- Private Sector e.g., information providers and different user groups
- New national strategic plan for the geodata area



VISION FOR THE GEODATA AREA 2040

Geodata provides new possibilities for Sweden. We in the public sector in Sweden are working together, building a common foundation for digitalization. With geodata, data about reality, we are developing Sweden for security, democracy, growth and sustainability.



National strategic plan for the geodata area 2026-2030

” Proposals for activities that during 2026–2030 can improve how geodata is produced, made available, used and that strengthen the protection of Sweden's security and information security”

Activity plan:

Information eco systems

Governance

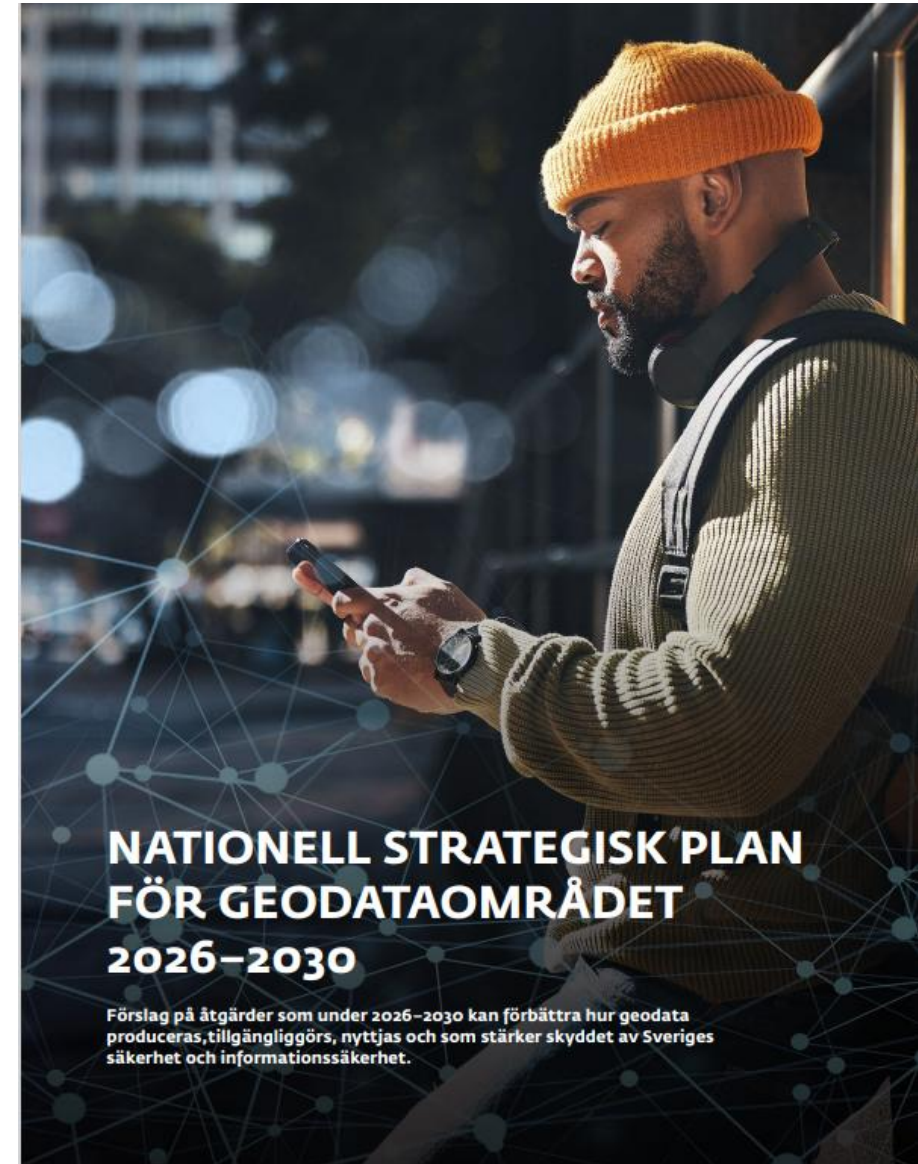
Financing

Legal aspects

Co-operation programs

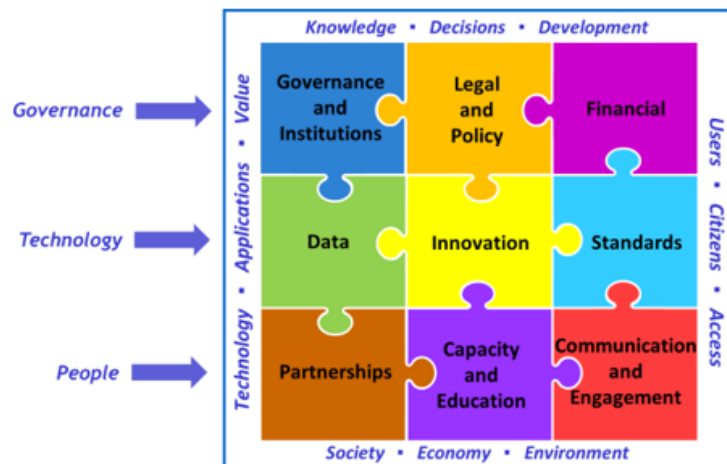
Security

Quality and interoperability



THE SWEDISH REAL PROPERTY REGISTER AND ITS IMPORTANCE IN SOCIETY

- Effective land administration
- In society and for the use of land and water.
- A central component for digital transformation and a sustainable society.
- Secure, fast and available; location and ownership



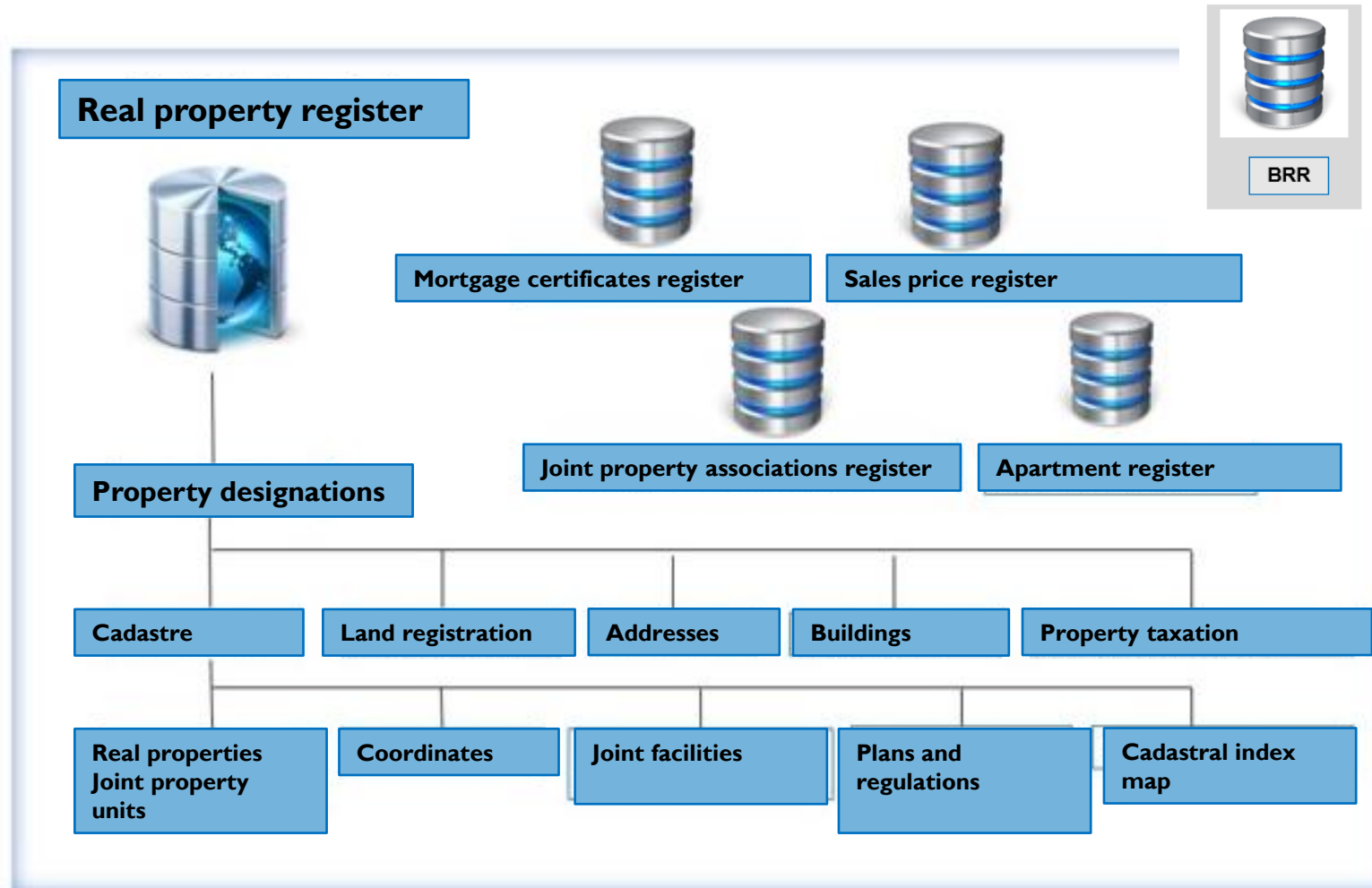
THE SWEDISH REAL PROPERTY REGISTER – AND ADJACENT REGISTERS

Overview legal framework

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

Proposal on digital transfer documents for land registration

Stricter requirements for land registration and property transfers



Marine cadastre, integration of domains

Register of condominiums / property market

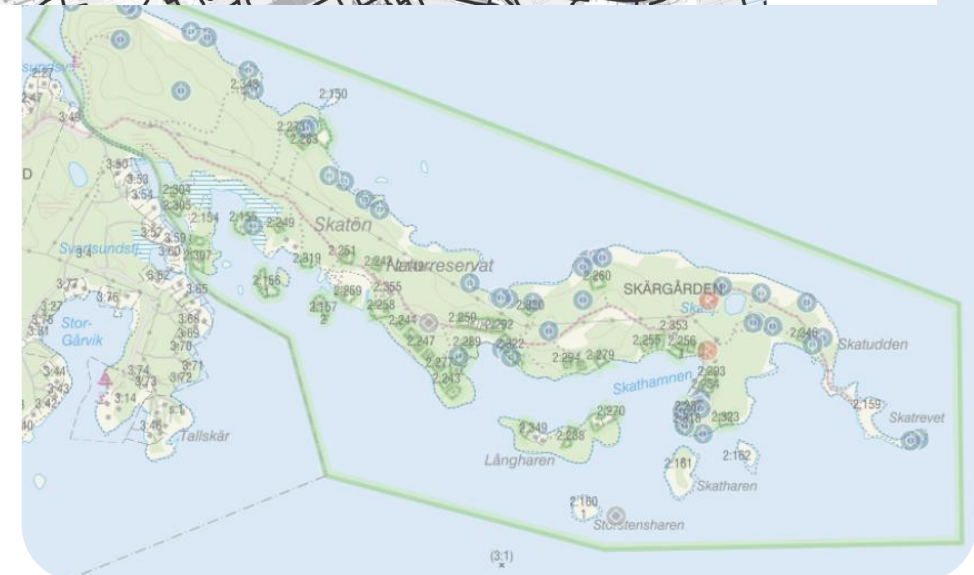
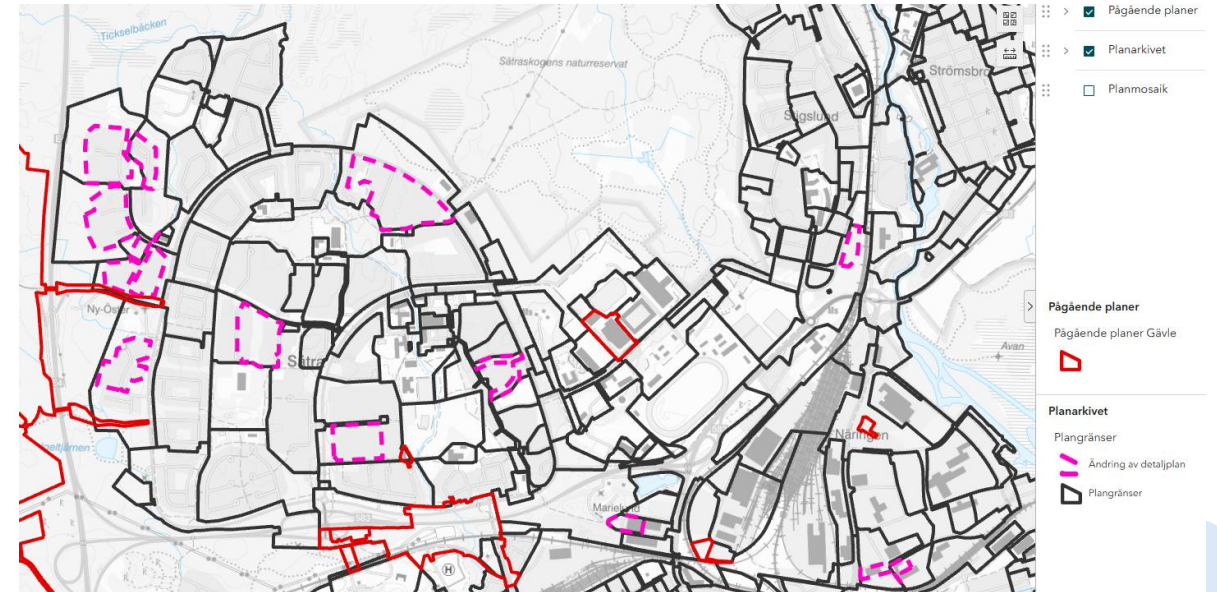
Co-ordination number/ person numbers – obligatory for land registration

Digital planning and building process, national platform

New handling system for cadastral services and new interface to the RPR.

PLANNING INSTITUTE AND OTHER REGULATIONS

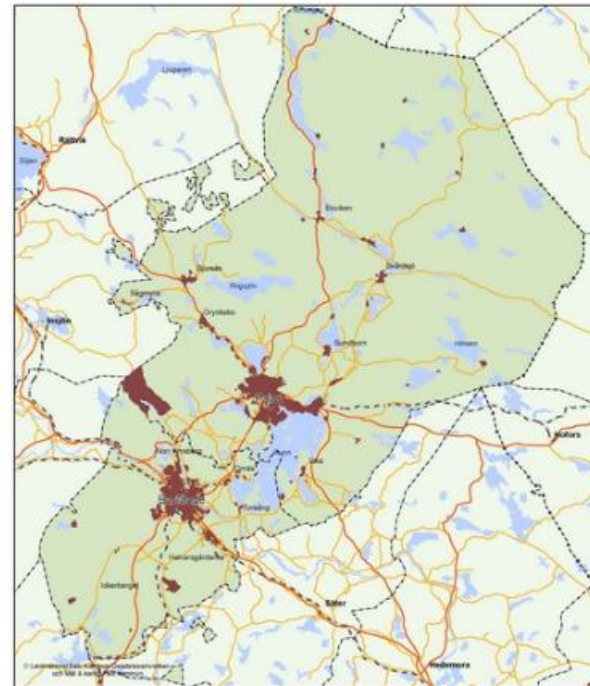
- Regional physical planning
- Municipal comprehensive/master plan – mandatory for all municipalities
- Detailed development plan
- Other regulations
 - Environmental Code
 - Ordinance on Environmentally Hazardous Activities and Health Protection
 - Roads Act
 - Railway Act
 - Historic Environment Act
 - Minerals Act Ancient remains according to the Historic Environment Act



EXAMPLE OF MUNICIPAL COMPREHENSIVE/MASTER PL

“Falun and Borlänge are building a common vision and master plan for sustainable social development together. By working together as a two-core region, the municipalities are strengthening their role as a driving force for the development of the entire Dalarna region. Here you can read about the strategies for reduced climate impact, sustainable transport and efficient land use.”

- Common future vision and master plan
- Reduced climate impact
- Common building strategy
- Sustainable transport
- Reduce climate impact from transport
- Reduce areas for cartraffic
- Increase public transport and travel



WATER-ADJACENT LAND REGULATION

Public and private right to water

A properties right to water is regulated when the property was founded.

The Swedish “Right of common” – Do not disturb, do not destroy.

A freedom under responsibility and an obligation to show respect.

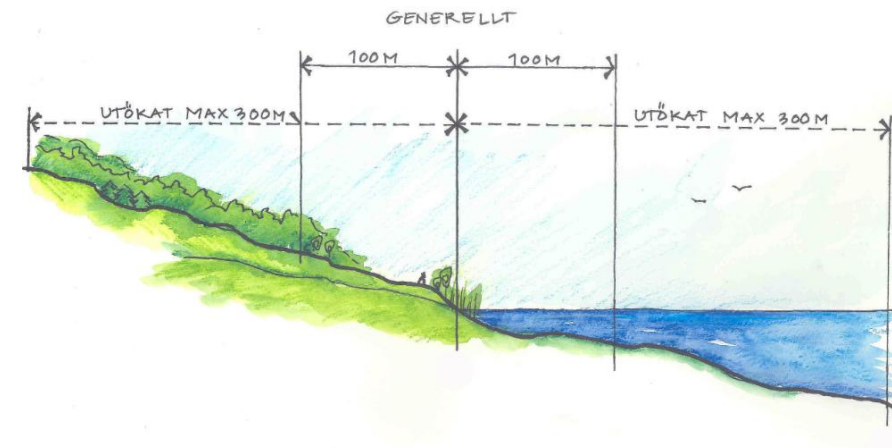
Is not a legislation itself – but there are laws that sets the limit.

Shoreprotection

The aims of the shoreprotection is to secure long-term condition för public access to coastal areas and preserve good living conditions for animal and plant life on land and in water.

Coastal protection applies to the sea, lakes and waterways throughout Sweden. The protected area is usually 100 meters from the shore, both inland and out into the water. The boundary can be both expanded and reduced.

Within a coastal protection area, new buildings or piers are not permitted, among other things.



Pictures: Ulrika Åkerlund/Boverket. CC BY-NC-ND 4.0.

BORDER BETWEEN PUBLIC AND PRIVATE WATER

The boundary between public water and private water areas is of great interest for, for example, marine planning, the right to fish and property formation. The boundary between private and public water is regulated by law.

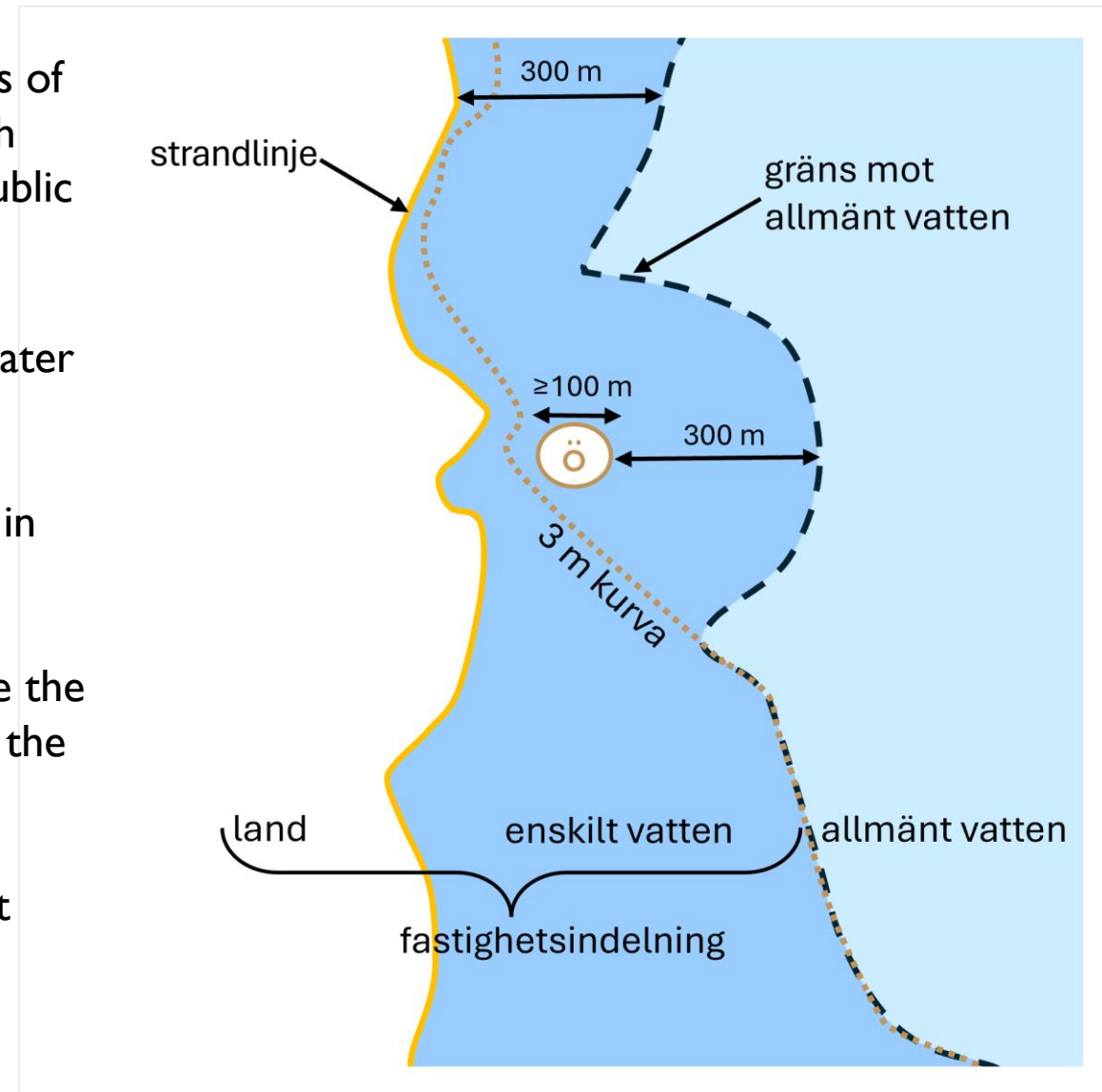
A general rule for the boundary between private and public water areas is based on:

- the distance is 300 meters from the shoreline.
- the distance is 300 meters from an island of at least 100 m in length.

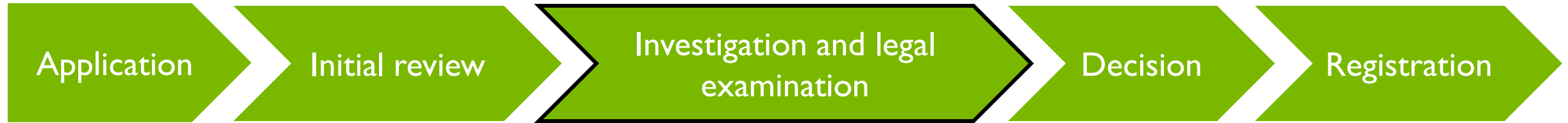
The water outside that is public water. Exceptions apply where the depth curve for three meters depth extends further out from the shoreline than 300 meters.

Most boundaries in private water versus public water have not been investigated and are therefore not shown on any maps.

There are special regulations.



PLANNING INSTITUTES AND OTHER REGULATIONS IN THE CADASTRE PROCESS



Investigation

Old legal documents

Consultation with municipality and county administrative board

Legal examination

Law of property formation

3rd chapter(1-4§§) addresses general suitability and planning conditions

Sustainable development

EXAMPLES OF PRESENTATION OF PROPERTIES CLOSE TO SHORE AND WATER



THANK YOU! QUESTIONS?

THANK YOU! FIND US AT

WEBSITE www.lantmateriet.se

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