



State Land Service
Republic of Latvia

POSSIBILITIES FOR LATVIAN CADASTRE IN DIGITISING PROCESSES

Vents Priedoliņš

Cooperation and Development Lead
The State Land Service of Latvia

Warsaw, 2025

THE STATE LAND SERVICE OF LATVIA IN BRIEF



OPERATIONAL STRATEGY

TARGET MAP
(2022–2026)

Mission

Strategic
partner for
smart territory
management in
Latvia

Vision

Simple – about
land and buildings

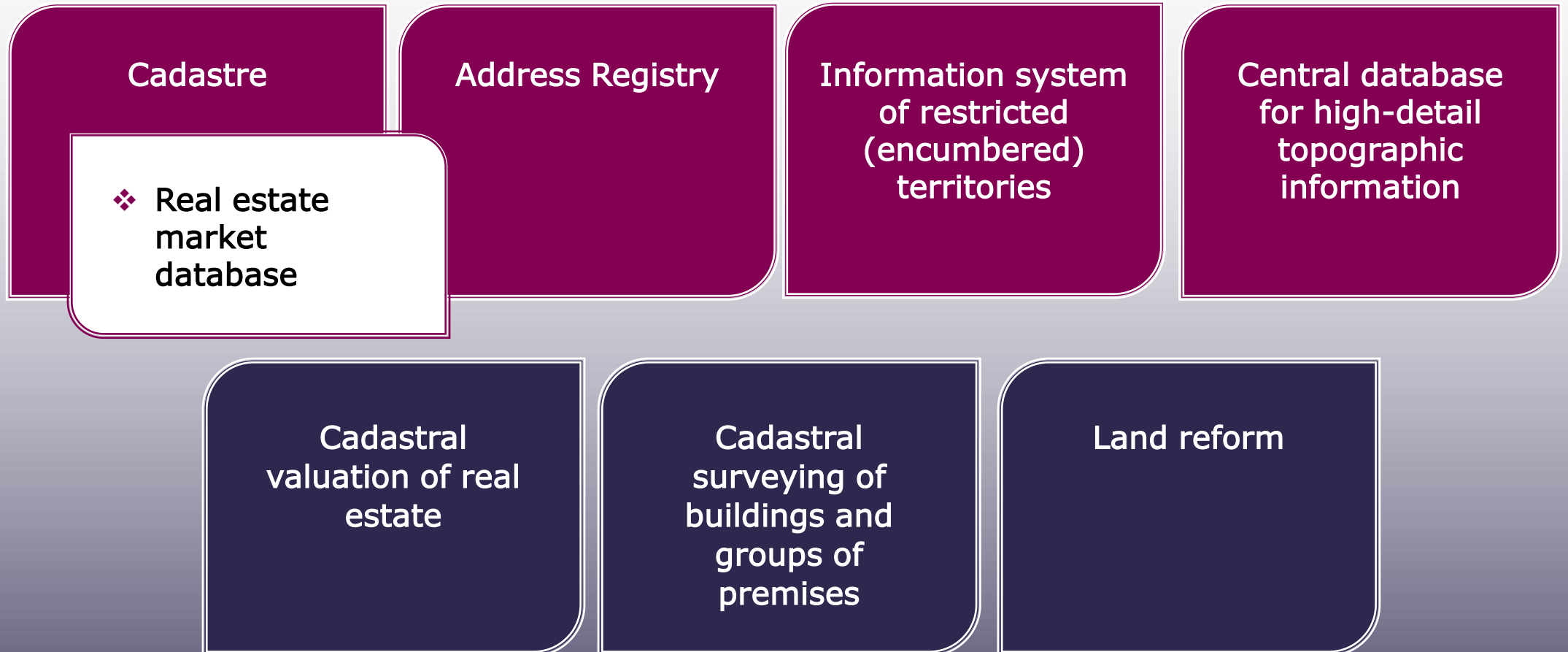
Values

- ❖ Professionalism
- ❖ Cooperation
- ❖ Responsibility
- ❖ Development

Priority directions

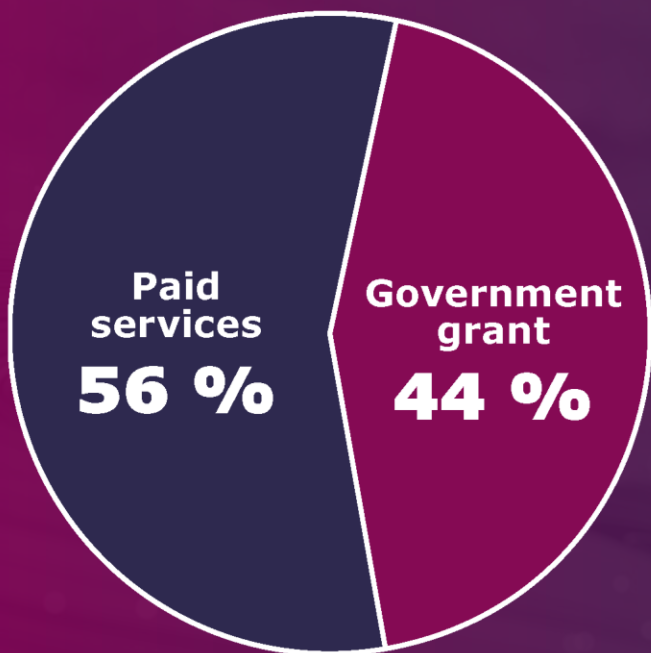
- ❖ Smart data and process management.
- ❖ Services that are easy for everyone to use, easy to understand and focused on the public interest.
- ❖ A solution-focused cooperation partner.
- ❖ A motivating and engaging work environment – a place to grow as an expert.

Areas of responsibility



BUDGET AT A GLANCE, 2024

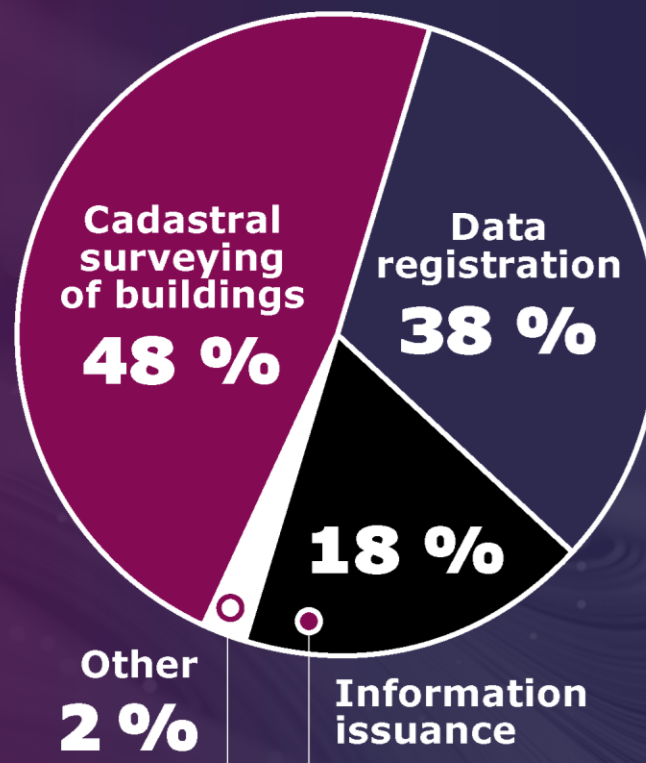
REVENUE



176 412 €

State funded cadastral surveying,
Surveying of forced shared property

REVENUE FROM PAID SERVICES

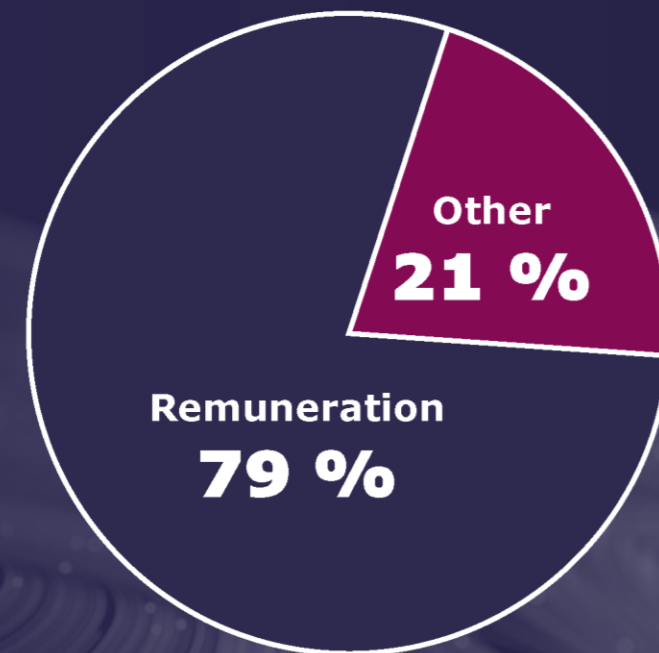


631
Employees

10 %

From revenue of paid services allocated to finance
government functions ~1.2 million €

EXPENDITURE





UPDATES REGARDING THE ENCUMBRANCES

We are reducing the bureaucracy

The submission of encumbrance plans is no longer necessary since February 1, 2025



- ❖ The submission of encumbrance plans to the State Land Service is no longer required.
- ❖ Data in the Cadastre are registered from the Restricted (Encumbered) Territories Information System

Public authorities

Municipal (local government) institutions

Infrastructure holders

**Restricted
(Encumbered)
Territories
information
system**

Cadastre

CURRENT ENCUMBRANCES

BENEFITS

The administrative burden in encumbrance registration is being reduced, because

- ❖ The owner is not required to submit a document for the registration of encumbrance data in the Cadastre.
- ❖ Surveyors are no longer required to prepare encumbrance plans.
- ❖ Municipalities are no longer required to approve encumbrance plans prepared by surveyors.
- ❖ The State Land Service is no longer required to register encumbrance data based on encumbrance plans.

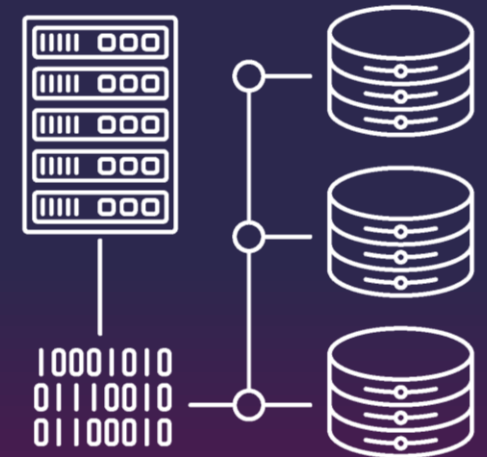
Land parcels

~ 1 000 000

Buildings

~ 4500

Cadastral data on encumbrances will be regularly updated on a quarterly basis (four times per year).



Total Encumbrances Registered in the Cadastre

Before
1 987 150

After data alignment
3 192 453



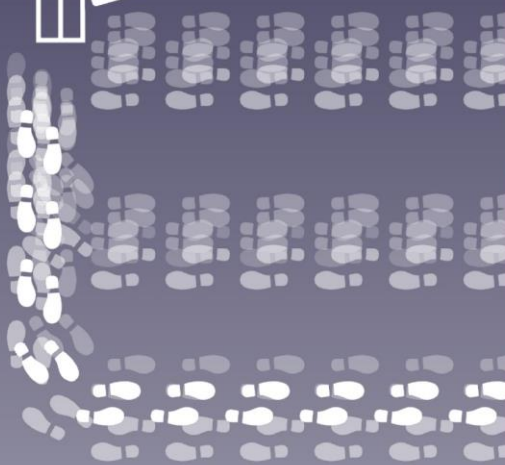
Encumbrance data available on *Kadastrs.lv*
Historical encumbrances available on– *data.gov.lv*



UNIFIED BUILDING REGISTRATION FRAMEWORK

Unified building registration framework

HOW IS IT DONE AT THE MOMENT?



MUNICIPAL BUILDING
AUTHORITY,
BUILDING
INFORMATION SYSTEM

THE STATE
LAND SERVICE,
CADASTRE

THE STATE UNIFIED
LAND REGISTRY

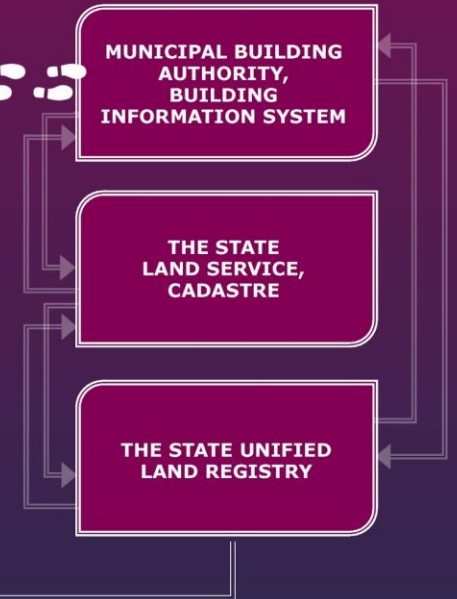
HOW SHOULD IT BE DONE?



MUNICIPAL BUILDING
AUTHORITY,
BUILDING
INFORMATION SYSTEM

THE STATE
LAND SERVICE,
CADASTRE

THE STATE UNIFIED
LAND REGISTRY

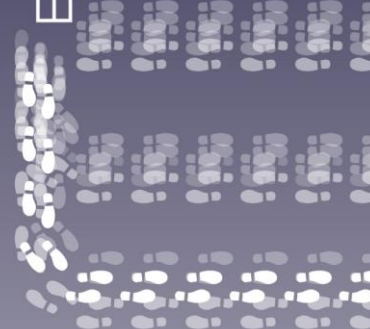


Unified building registration framework

OBJECTIVE

- ❖ To transform the public services within the building registration process by introducing the one-stop agency principle – ***Unified data and data flow design at SLS and State Unified Land Registry***

HOW IS IT DONE AT THE MOMENT?



MUNICIPAL
AUTHORITY,
BUILDING
INFORMATION

THE
LAND
SERVICE,
CADASTRE

THE STATE
UNIFIED
LAND REGISTRY

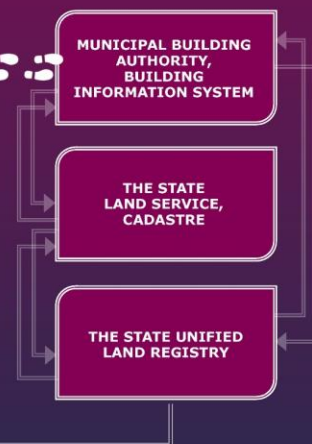
HOW SHOULD IT BE DONE?



MUNICIPAL BUILDING
AUTHORITY,
BUILDING
INFORMATION SYSTEM

THE STATE
LAND SERVICE,
CADASTRE

THE STATE UNIFIED
LAND REGISTRY



- 
- ❖ Cadastral surveying of buildings (*in-situ*)

BEFORE

FUTURE

- ❖ Unified building registration framework (*within information systems*)

NOW

- ❖ Building registration process (*from documentation*)

The percentage
is steadily increasing!

52 %

of cases building data is registered by the State Land Service
on the basis of documentary evidence.

(within last 6 months)

We anticipated 20 % before

PROGRESS SO FAR

The registration of **engineering structures** is carried out solely on the basis of submitted documentation.

1.



In simplified procedures, no cadastral survey is required — the registration is performed solely on the basis of documentation.

2.



A private residential building can be registered solely on the basis of documentation.

3.



Building cadastral survey graphic materials can be submitted directly by the property owner.

4.

Three white arrows with black fletching and black tips, pointing towards the right, are positioned in the lower half of the image.

RESULTS ACHIEVED



REVISIONS OF THE HIGH-RESOLUTION TOPOGRAPHIC DATA BASE

Revisions of the high-resolution **topographic data base**

KEY AREAS

FOR FURTHER
CONSIDERATI
ON

- ❖ Removal of the obligation to obtain approval of topographic plans from utility network operators

- ❖ Depiction of underground utility infrastructure in the topographic plan using data from the Restricted Territories' Information System

- ❖ Specification Requirements for the Preparation of Topographic Plans and Survey Documentation

- ❖ Specifications for Topographic Data Detailing

- ❖ Validity Period of the Topographic Plan and Other Provisions

Revisions regarding the High-Resolution Topographic Data BASE

until 01.05.2025.

We are
discussing
open issues
with cooperation
partners

until 01.09.2025.

Public
consideration
will be held on the
proposed change
directions.

In 2026

**To be
implemented
in practice**



The background features a dark purple gradient. Overlaid on this are several wavy, horizontal lines that create a sense of motion. A fine mesh of small, light-colored dots is scattered across the middle section, particularly concentrated around the wavy lines. The overall effect is a modern, digital aesthetic.

UPDATES REGARDING LAND USE



AT THE MOMENT

- ❖ Types of land use are obtained from site plans submitted by surveyors.

KEY ADVANTAGE:
**updated information
on a regular basis**

IN THE FUTURE

- ❖ Site plans will no longer be requested, the relevant information is going to be sourced from the information systems of other government institutions.

Thank you!

Vents.Priedolins@vzd.gov.lv