



State Land Service  
Republic of Latvia



# ROLE OF CADASTRE IN THE REAL ESTATE MASS VALUATION PROCESS

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Riga, 2023



# 630

## EMPLOYEES ALL OVER THE COUNTRY

Capital: **Riga**

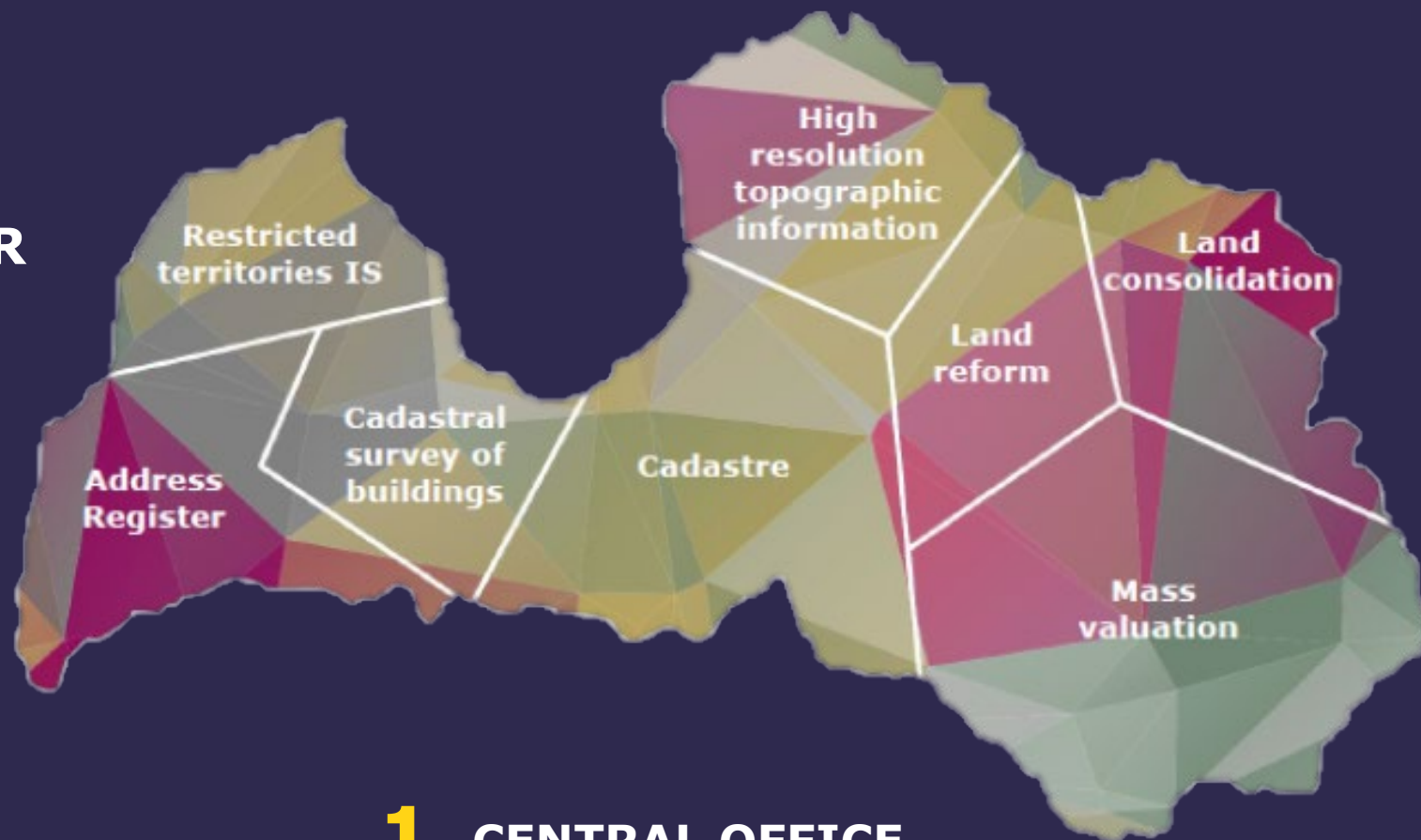
Area: **64 589 km<sup>2</sup>**

Population: **1,88 million**

Local municipalities: **43**

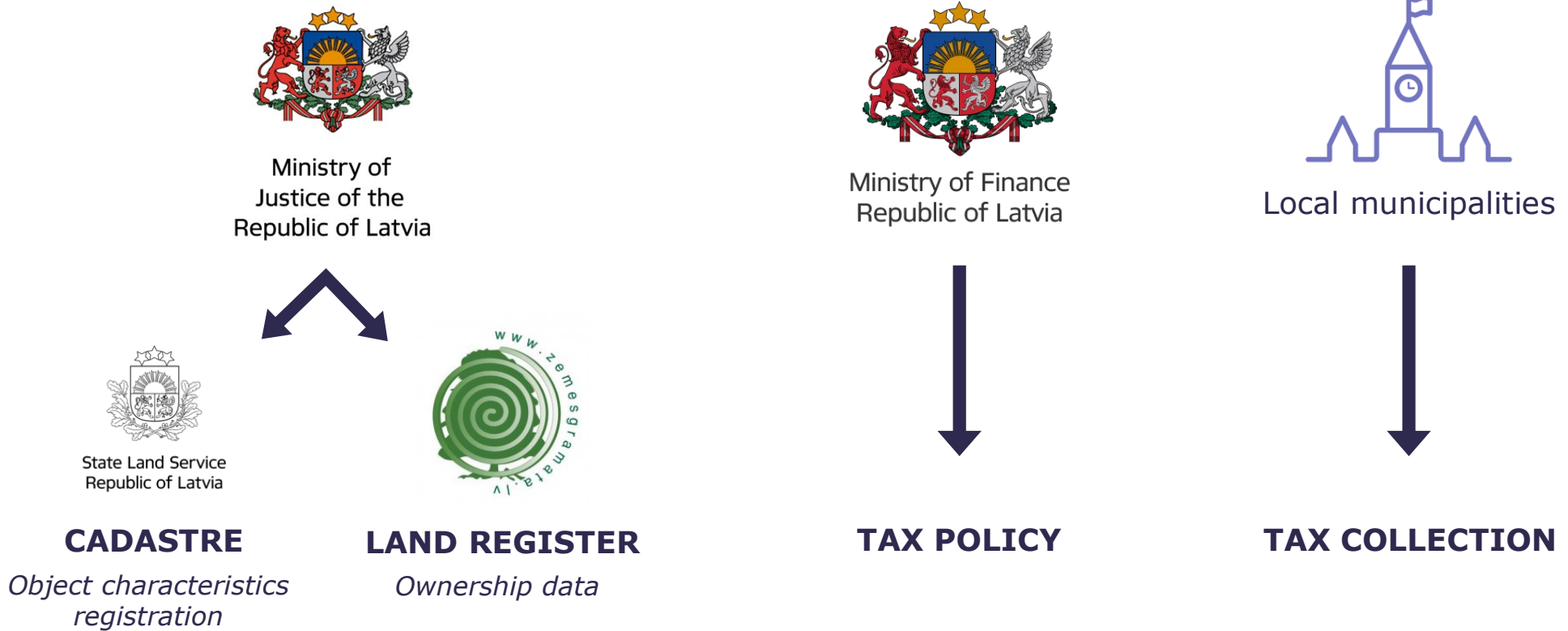
State cities: **10**

Coastline: **498 km**

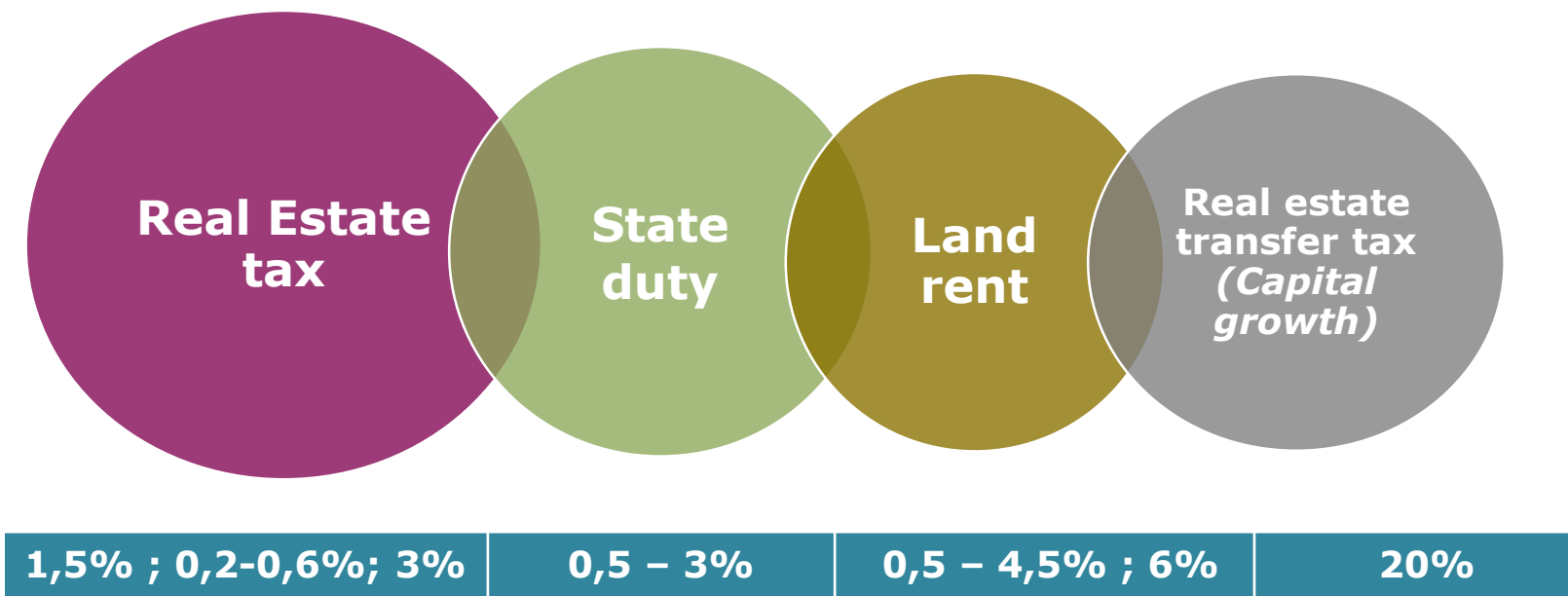


- 1** CENTRAL OFFICE
- 5** REGIONAL ADMINISTRATIONS
- 18** CUSTOMER SERVICE CENTERS

# REAL ESTATE REGISTRATION AND TAXATION SYSTEM IN LATVIA



# REAL ESTATE TAXES IN LATVIA



Usage of cadastral value is increasing because of its objectivity, and full coverage of objects in Latvia

# REAL ESTATE TAX RATES

## FOR LAND



**1.5%**

**+1.5%** for uncultivated agricultural land or land with dilapidated buildings

## FOR BUILDINGS



**COMMERCIAL BUILDINGS**

**1.5%**



**RESIDENTIAL BUILDINGS**

**0.2 – 0.6%**

(depending on the cadastral value)

Additional tax **up to 3%** if the building is dilapidated

# REAL ESTATE TRANSFER TAX RATES

Applied during the registration of proprietary rights:



**0,5%** for relatives



**1,5%** for private individuals



**2%** for legal entities



The Real Estate Transfer Tax is calculated from either cadastral value or transaction amount (largest one)

Cadastral values are **calculated** automatically for all real estate registered in the Cadastre by applying calculation models approved by the government

Cadastral values are **re-calculated** if the base of values or real estate data (factors included in the valuation formulas) changes



Every year values for each real estate object are calculated automatically



**Cadastral value prognosis** for next year is calculated for municipalities who can plan the tax revenue accordingly



### Value zoning

- Rural properties (zonings of agricultural land and forest land)
- Residential properties
- Industrial properties
- Commercial and public property

### Valuation models

### Valuation models

### Value base

### Cadastral data (land and building)

### Mass assessment

- All property on January, 1st (real property tax)
- Calculation process ~ 28 hours

### Base value

### Cadastral value changes

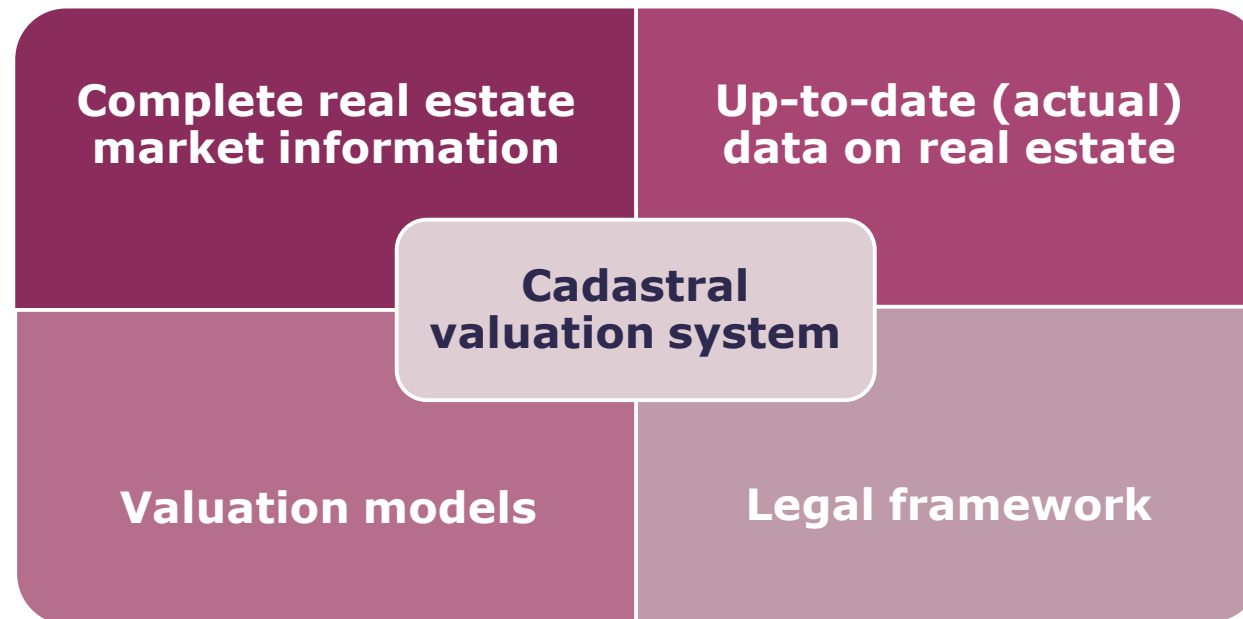
Online Cadastre object data



# PRINCIPLES OF CADASTRAL VALUATION

## Cadastral valuation

mass valuation process that uses standardised models and valuation methods to value real estate on the basis of real estate market information



# REAL ESTATE MASS VALUATION IN LATVIA



## IMPLEMENTATION

The State Land Service of Latvia



## BASIC PRINCIPLES OF CADASTRAL VALUATION

Set in the National Cadastre Law ([here](#), ENG)



## VALUATION PROCESS

In accordance with the Regulations, set by the Cabinet of Ministers and approved by the government



# CADASTRAL VALUATION PROCESS

## DEVELOPMENT OF A CADASTRAL VALUE BASE

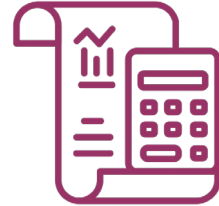
- Accumulates information on real estate market transactions and other factors affecting the cadastral value
- Applies internationally recognised valuation techniques
- Develops value zonings, establishes baselines (base values, reference areas, correction factors)
- Performs valuation quality assessment
- Develops/alters valuation models

## CALCULATION OF CADASTRAL VALUES

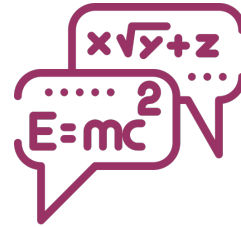
Cadastral values are calculated automatically using the data registered in the Cadastre, without surveying the property in the field



# CADASTRAL VALUATION PROCESS



Cadastral values  
calculated automatically



Formulas approved  
by the government



Data used from  
the Cadastre

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## Valuation models

- building land;
- rural land;
- individual residential housing;
- multifunctional buildings;
- other non - residential buildings.

## Development of cadastral valuation base

- value zoning;
- value base indicators (base values, standard area, correction coefficients).

## DATA FROM CADASTRE USED IN THE CALCULATION OF CADASTRAL VALUES



Cadastral  
value base



Characteristics of  
the cadastral object



Purpose of use of  
the real estate



Encumbrances  
(restrictions) of the  
real estate

# DEVELOPMENT OF VALUE ZONING

## VALUE ZONING

Division of the state territory into territories where the value of mutually comparable real estate in the real estate market is relatively similar.



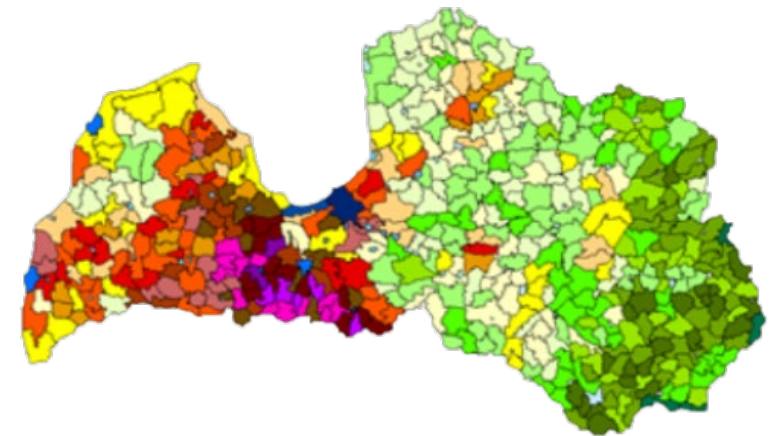
### FOR RURAL LAND VALUATION

- Agricultural zoning
- Zoning of forest land



### FOR BUILDINGS AND BUILDING LAND VALUATION

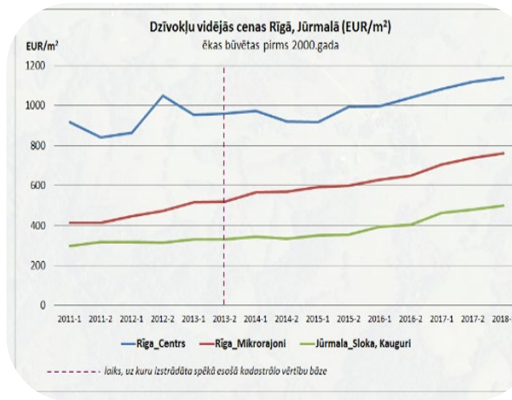
- Building zoning



Most important factor influencing the value: Location of the object

# PUBLICATION OF THE CADASTRAL VALUE BASE

[kadastrs.lv](http://kadastrs.lv)  
[vzd.gov.lv](http://vzd.gov.lv)



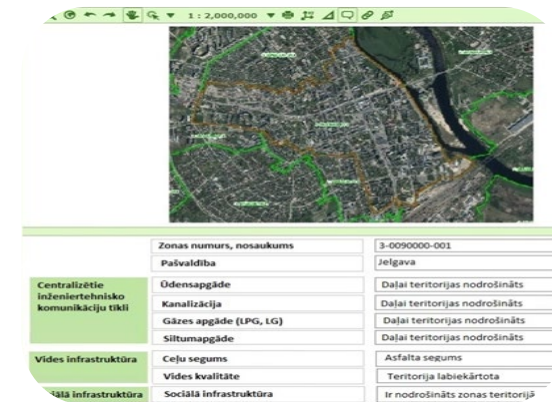
Real estate price trends



Real estate market transaction information

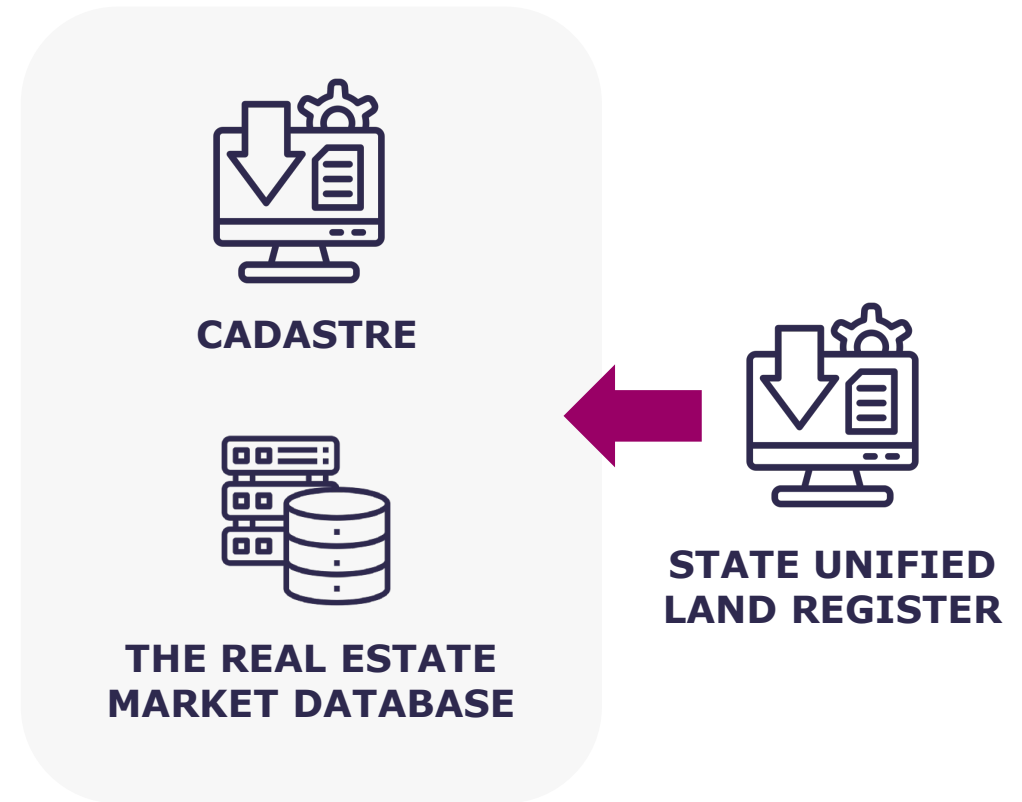


Ratio analysis (with current and projected cadastral values) - in the country, by municipalities, by property groups



Value zone describing information (provision of technical, environmental and social infrastructure, etc.)

**THE REAL ESTATE MARKET  
DATABASE PURPOSE:  
DEVELOPMENT OF THE  
CADASTRAL VALUE BASE**



The data from the Real Estate Market Database is open for the public since 2022 and available on the Latvian Open Data Portal [\*here\*](#)



# WHAT TYPE OF DATA IS STORED IN THE REAL ESTATE DATABASE?



## Data describing the market transactions

- time,
- price,
- place



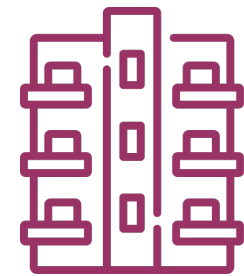
## Data describing the land

- area,
- use,
- land cover



## Data describing the buildings

- area,
- type of use,
- depreciation



## Data on apartments/groups of premises

- size,
- number of premises,
- floor

THE IMPORTANCE OF CADASTRAL  
DATA FOR VARIOUS IMPORTANT  
DECISIONS IS NOT FULLY  
RECOGNIZED YET.

**WE HAVE THE  
OPPORTUNITY TO  
CHANGE THIS AND WE  
ARE WORKING TOWARDS  
IT!**



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**ANY QUESTIONS?**