

### **National Report of Lithuania**

#### **Saulius Urbanas**

Analyst of Cadaster & Spatial Data Policy Group Ministry of Environment of the Republic of Lithuania



# Ministry of Environment took over responsibilities on SGA from the Ministry of Agriculture



- Land Management
- Land Administration
- Real Estate Cadaster
- State Control of the Land Use
- Geodesy, Cartography
- Spatial Data Management
- Spatial Data Infrastructure

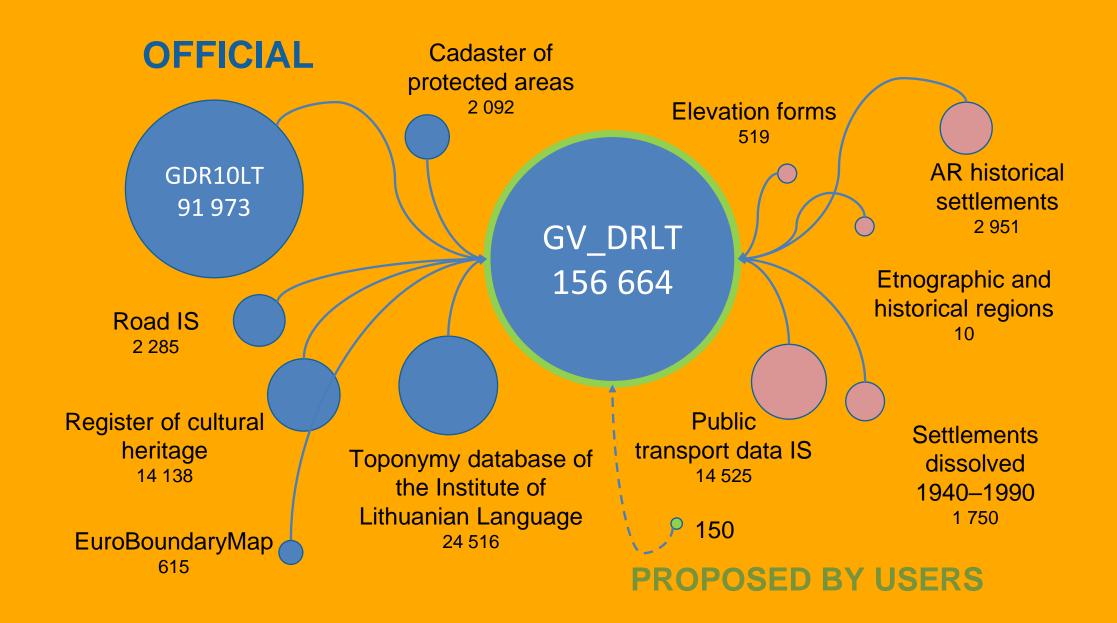


### National coordination group on Geographical Names

- Ministry of Environment
- The State Commission of the Lithuanian Language
- National Land Service
- Construction Sector Development Agency
- SE Center of Registers
- Institute of Lithuanian Language
- Vilnius University
- Lithuanian Cartographic Association

# 

### GV\_DRLT



#### Value: placename search service

///////

The unified, free and open service in Lithuania



#### **Search in GV\_DRLT**

- Based on Elasticsearch
- Web map API:
- ✓ OpenLayers
- ✓ Leaflet
- ✓ ESRI JS





- sourceid
- namestatus
- sourcedata
- beginlifespanversion
- esri\_json json formatu pate
- municipality
- inspireid
- subtype
- name
- namegenitive
- sourceofname
- localtype
- objectid
- gyvsk
- maxx
- maxy
- minx
- miny
- locationx
- locationy
- · geometryType geometrijos

# Usage in the geoportal and the Territorial Planning and Construction gate



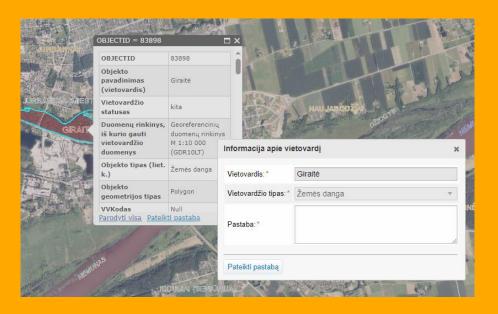




#### Users participation







#### **SUGGESTIONS**



#### **COMMENTS**



🕌 Naudotojų pasiūlyti vietovardžiai (1)

Objekto unikalus nr.	38050
Objekto pavadinimas	Berkeliai
Vietovardžio statusas	Istorinis
Duomenų rinkinys, iš kurio gauti vietovardžių duomenys	Naudotojų pranešimai
Unikalus objekto identifikatorius pradiniame duomenų rinkinyje	
Objekto įvedimo į pradinį duomenų rinkinį data	
Vietovardžio užrašytojo komentaras	Išnykusios gyvenamos vietovės Jonavos rajono savivaldybėje. Interaktyvus žemėlapis. Pirminis informacijos šaltinis - Valdas Urbanavičius, Ilona Urbanavičienė (Kauno kolegija). 2021 metai
Objekto pateikimo data	2022-12-01 07:44:44
Objekto tipas	Gyvenvietės

## GV\_DRLT – challenges and plans for improvements



- ✓ Sources for updates
- ✓ Update procedure
- ✓ Quality check, classification and prioritization of the users' suggestions
- ✓ Improve the update process dynamically harvesting the incremental changes from a variety of sources

### Address Registry – objects (1)







- **County** is a higher administrative unit where governance is organised by the Government of the Republic of Lithuania (10).
- **Municipality** is a state administrative unit with the status of legal entity governed by a mayor elected by the municipality community and a municipality council (60).
- **Ward** is a local unit of the municipality administration operating in a certain part of the territory of the municipality. Ward has the boundaries and name of the territory it serves (536).

### Address Registry – objects (2)













- Residential areas are divided into urban and rural residential areas. Urban areas include cities, whereas rural areas include towns, villages and steadings
- Streets

Addresses

Names given to buildings, structures or other objects

### Address Registry – definition of an address





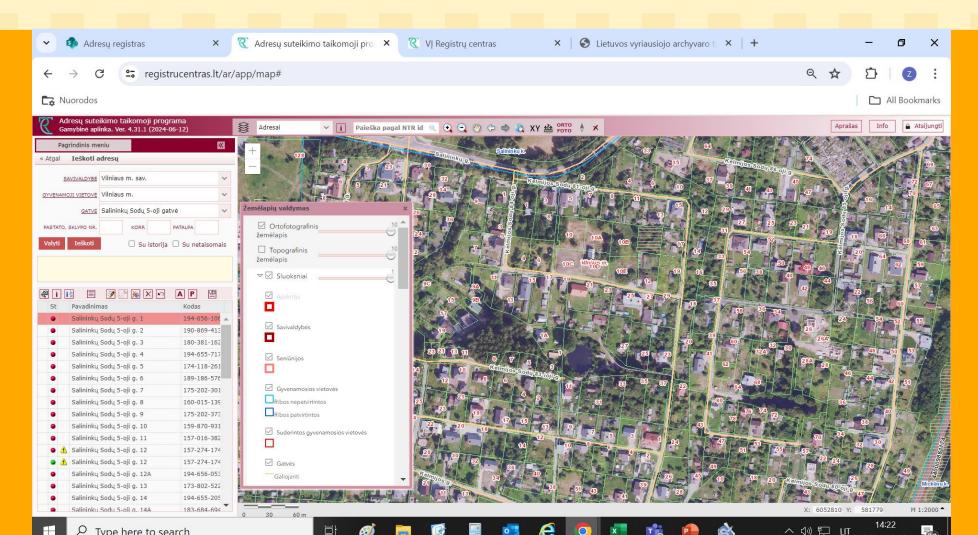
- Land parcels where the construction of buildings is permitted according to their purpose (manner) of use or territorial planning documents
- 2 **Buildings**
- 3 Land parcels with buildings
- Residential premises or non-residential premises, which are formed as separate objects of real property



Address objects may not be temporary buildings and appurtenances that cannot be formed as separate real property objects, as well as buildings and appurtenances, apartments or non-residential premises formed as separate real property objects in the marine territory of the Republic of Lithuania.

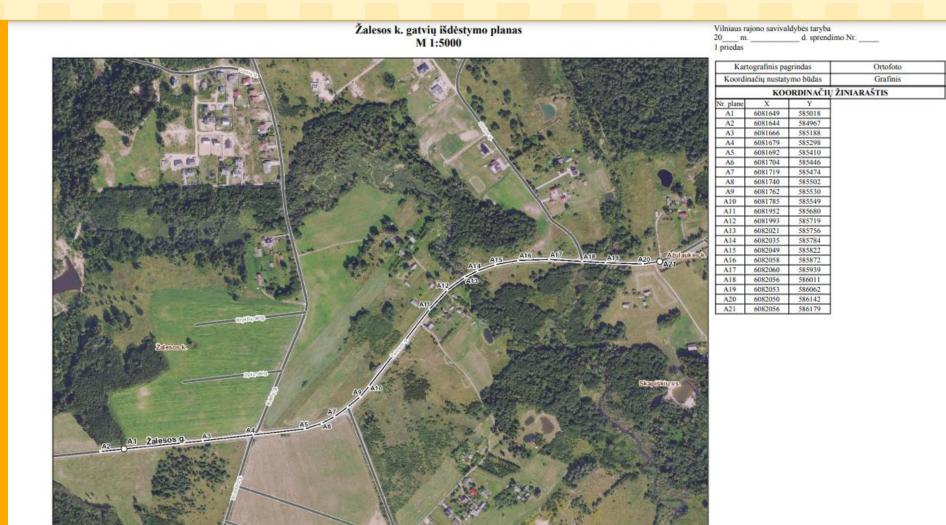
# Address data processing application





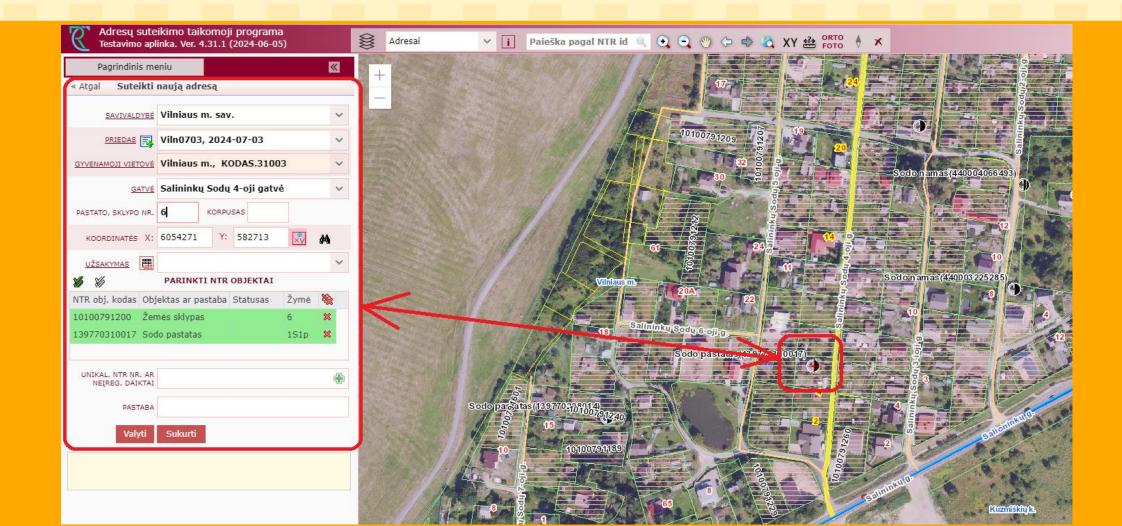
## Annex to the decision on an allocation of the street





#### Allocation of the new address





## Annex to the decision on an allocation of addresses



#### DUOMENYS APIE NUMERIŲ ŽEMĖS SKLYPAMS, PASTATAMS, JŲ KOMPLEKSAMS AR KORPUSAMS SUTEIKIMĄ, KEITIMĄ AR PANAIKINIMĄ

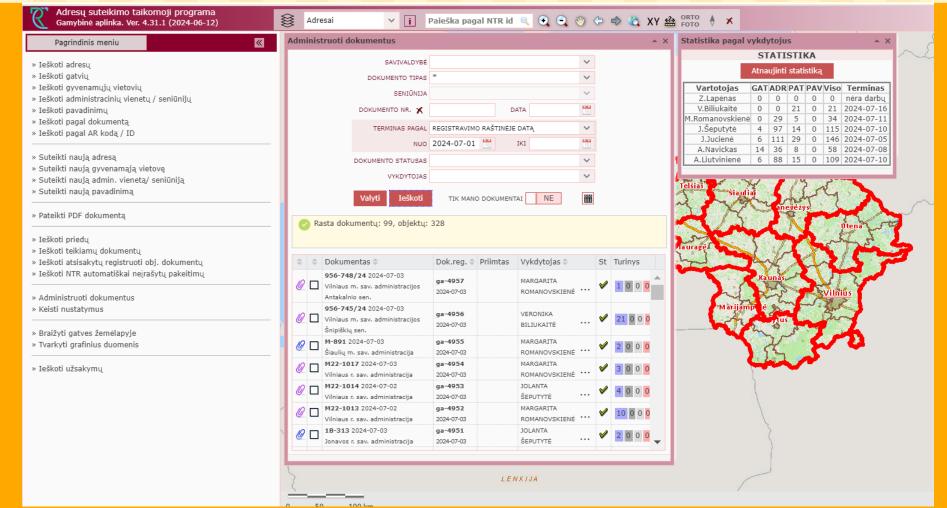
Seniūnijos pavadinimas				
Gyvenamosios vietovės pavadinimas	Vilniaus m.			
Kartografinis pagrindas	Kadastro žemėlapis			
Koordinačių sistema	LKS-94			
Adresų koordinačių nustatymo būdas	Grafinis			

			Buvusio adreso duomenys			Suteikto adreso duomenys			Adreso koordinatės	
Eil. nr.	Unikalus Nr.	Gyvenamosios vietovės pavadinimas	Gatvės pavadinimas	Žemės sklypo, kuriame leidžiama pastatų statyba, pastato ar pastatų komplekso Nr. gatvėje ar gyvenamojoje vietovėje	Korpuso Nr.	Gatvės pavadinimas	Žemės sklypo, kuriame leidžiama pastatų statyba, pastato ar pastatų komplekso Nr. gatvėje ar gyvenamojoje vietovėje	Korpuso Nr.	X	Y
1	2	3	4	5	6	7	8	9	10	11
1.	010100791200 139770310017					Salininkų Sodų 4-oji g.	6		6054271	582713
2.	010100791204 139770282012					Salininkų Sodų 4-oji g.	8		6054295	582717
3.	010100791196 139950053017 139950053028					Salininkų Sodų 4-oji g.	10		6054319	582717
4.	010100791197 139860245018					Salininkų Sodų 4-oji g.	12		6054341	582725

Dokumentą parengė: Turto registrų tvarkymo tarnybos Adresų registro skyriaus Vyriausiasis specialistas testuotojas Testas Testavičius ADR TEST5

# Registration, distribution and statistics of the documents, submitted by municipalities





### Data processing application of the Address Register





Analysis of the documents received and making decisions on their compliance with the legal acts governing the establishment of the Address Register objects

Display on the map within 24



Verification of data in the documents

Registration notification within 5 working days



Entry into the Address Register database



Transferring the documents received to the archive of the Address Register database

**Register or** de-register the object within 10 work days

hours

# Decisions taken by the data validation of the Address Register





If no hindering circumstances are found, the data processor of the Address Register registers or de-registers the Address Register object or changes its data within 10 working days from the receipt of the necessary data and/or documents.



If the data processor of the Address Register refuses to register the Address Register objects or to change the related data, it should notify the Address Register data provider of its decision electronically within 5 working days.

## Open data of the Address Register





Open access under the Creative Commons Attribution 4.0 International License with terms of use and distribution under the symbol CC BY 4.0. The data can be used and shared without restrictions, but the authorship of the opened data must be indicated, including a license link and indication whether any changes have been made.

https://www.registrucentras.lt/p/1187

- Address Register data (raw data)
- Data on administrative units, residential areas, wards, streets and addresses registered in the territory of the Republic of Lithuania are provided in xlsx, csv and GeoJSON formats.
- Address Register historical data
- Data on the previously registered residential areas and streets in the territory of the Republic of Lithuania are provided in xlsx, csv and GeoJSON formats.
- Address Register statistics



### Thank you for the attention!

Dr. Saulius Urbanas, saulius.urbanas@am.lt, ph. +370 612 09024

Ministry of Environment of the Republic of Lithuania