



Address Register and opening of address datasets in Lithuania

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Webinar series – Maintaining open address datasets, 4 March 2021



02.

Development of the Address Register In Lithuania

**Register of Administrative Units,
Residential Areas and Streets
of the Territory of the
Republic of Lithuania**



Restructuring in 2004

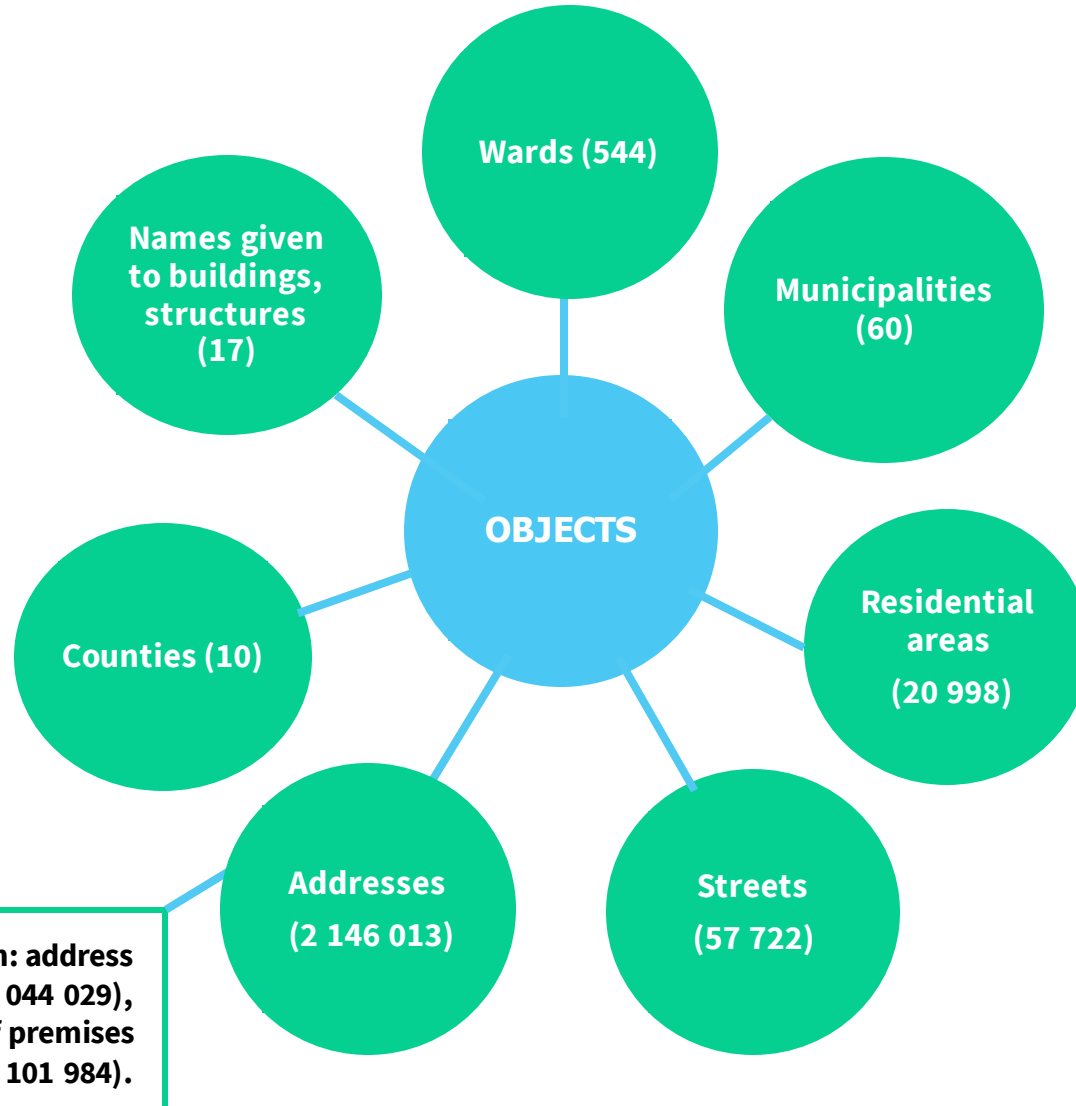


**Address Register of the Republic
of Lithuania**

- Address Register was established in 2004 June 10, after the reorganization of the State Register of Administrative Units, Residential Areas and Streets of the Territory of the Republic of Lithuania.

03.

Objects in the Address Register



- ▶ Data in the Address Register are stored both in textual and graphical form. The Register answers not only whether a certain object exists, but also where such object is located.

04.

What is an Address object?



- ▶ **Land parcels where the construction of buildings is allowed**
- ▶ **Land parcels with the buildings already erected on them**
- ▶ **Buildings or their complexes formed as real property**
- ▶ **Residential or non-residential premises within a building formed as a separate real property**

05.

What does the Address consist of?



Address components are as follows:

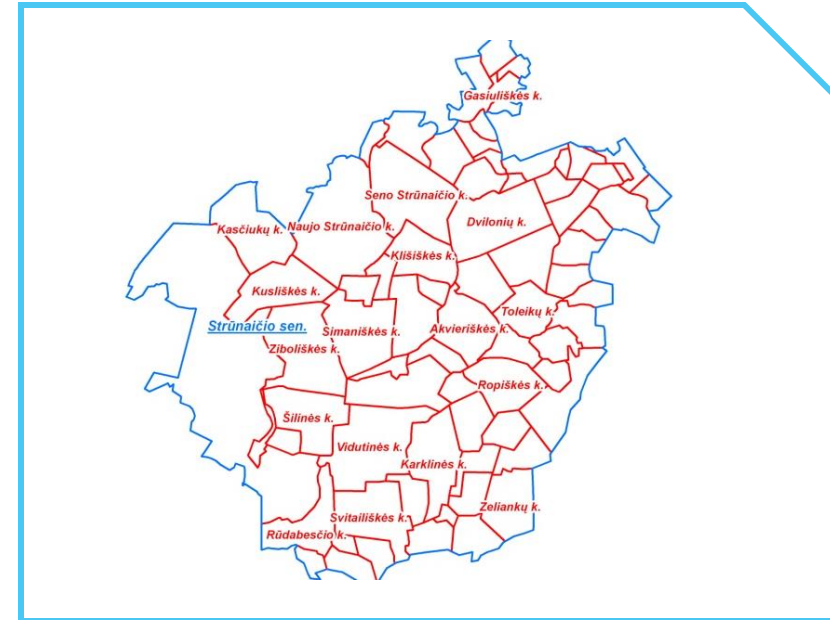
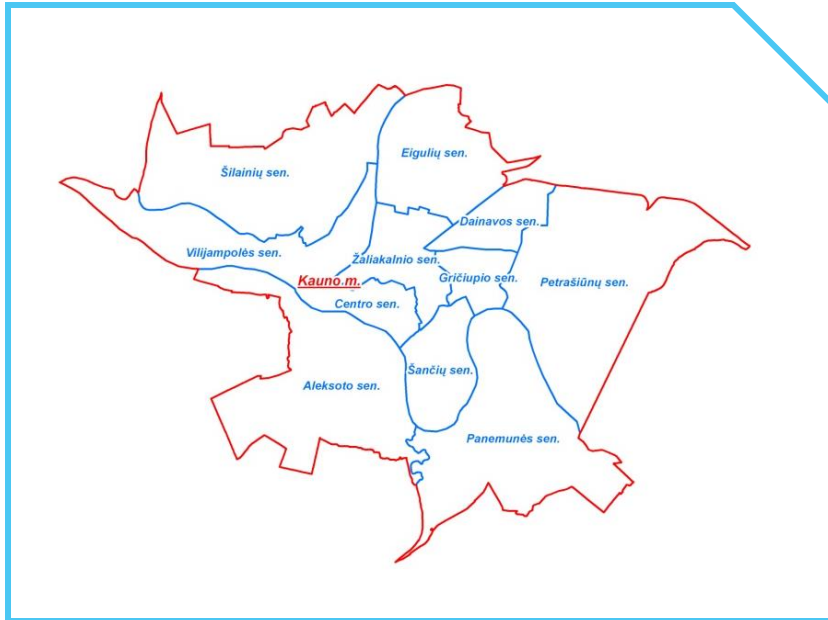
- name of municipality
- name of ward
- name of residential area
- name of street
- number of land parcel, building or buildings' complex in the street
- number of flat or non-residential premises in the building

There are some exceptions related to setting of address:

06.

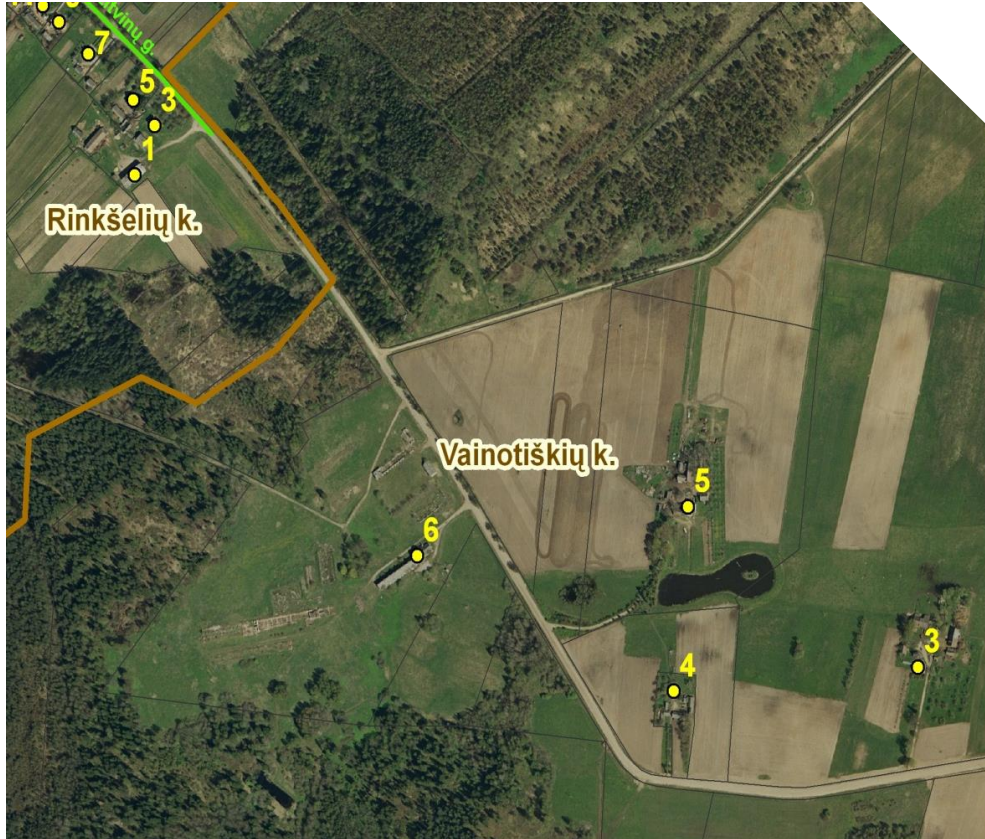
Exception I:

- A ward is not an address component when its size is smaller than the residential area (city), i.e. when one residential area consists of several wards. A ward is also not an address component when a municipality is not divided into the areas serviced by wards (wards have not been established).



07.

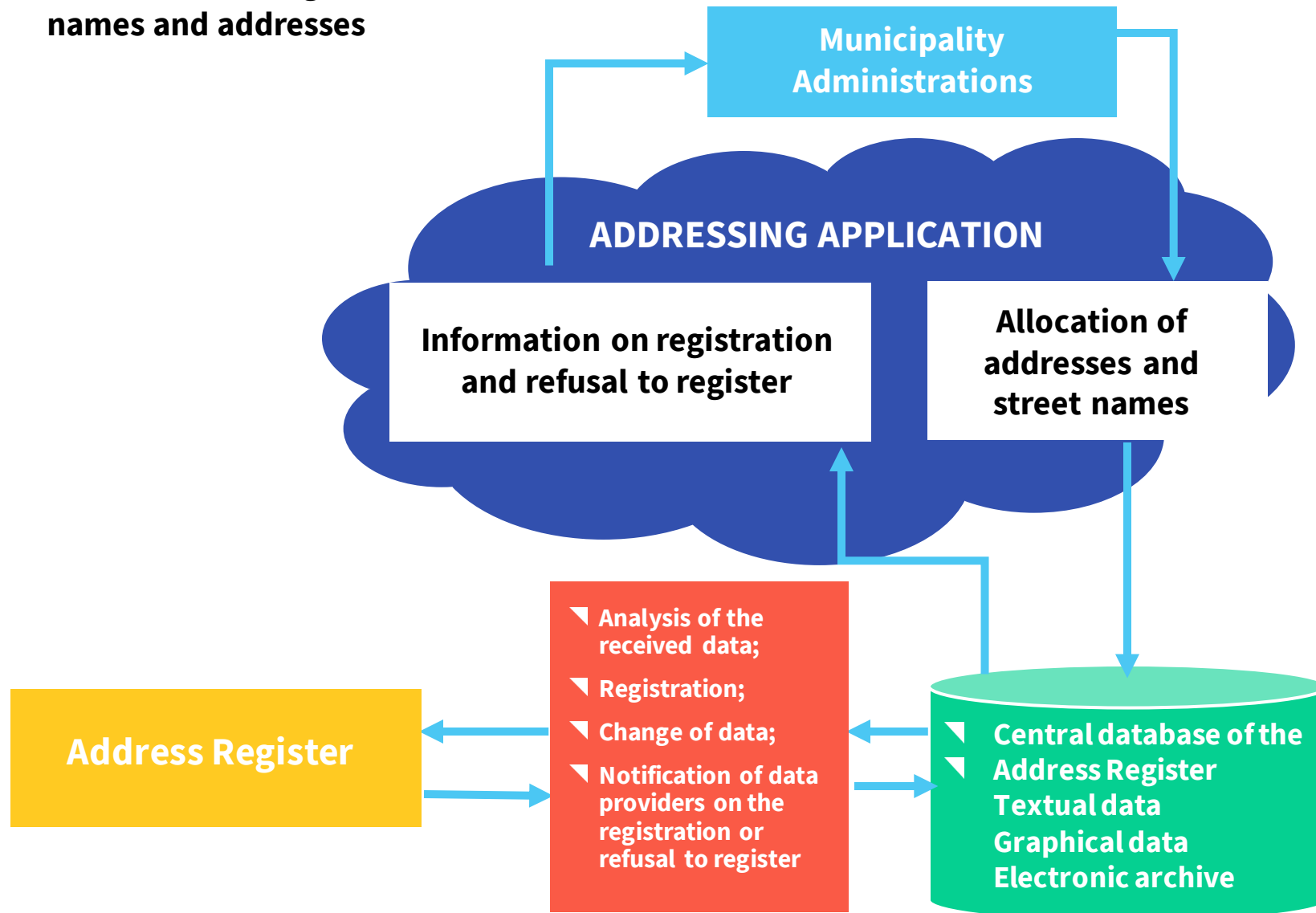
Exception II:



- Number to an object may be allocated in the residential area, not on the street. Such a model of allocating number to a building is used in smaller villages where the number of objects that require numbering does not exceed 20.

08.

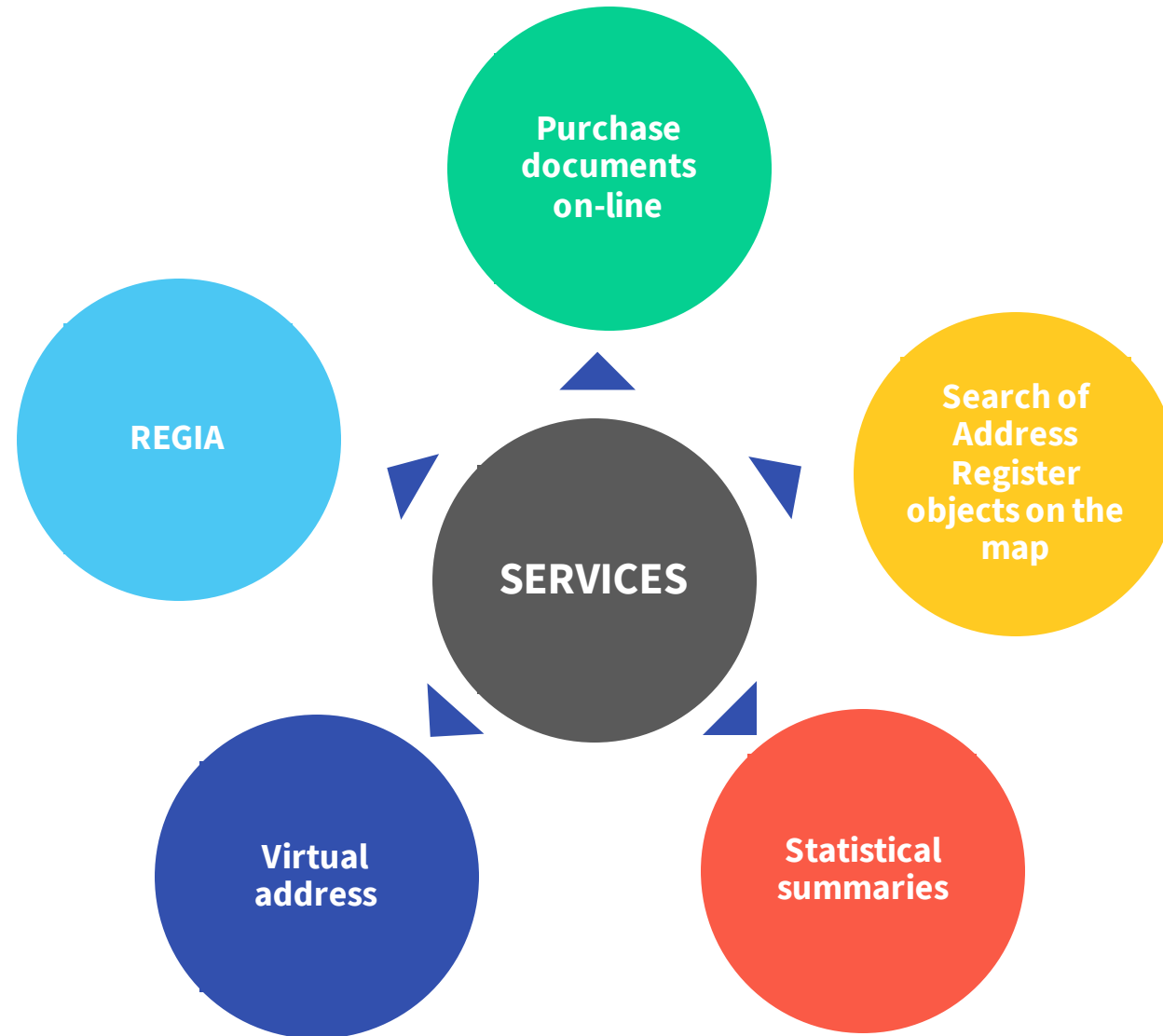
Allocation and registration of street names and addresses



- ▶ Municipalities (responsible employees) submit data about addresses and streets including supporting documents.
- ▶ Address Register Division examine/check the information submitted.
- ▶ Municipality (responsible persons) is notified of a decision made (to register, change or refuse)

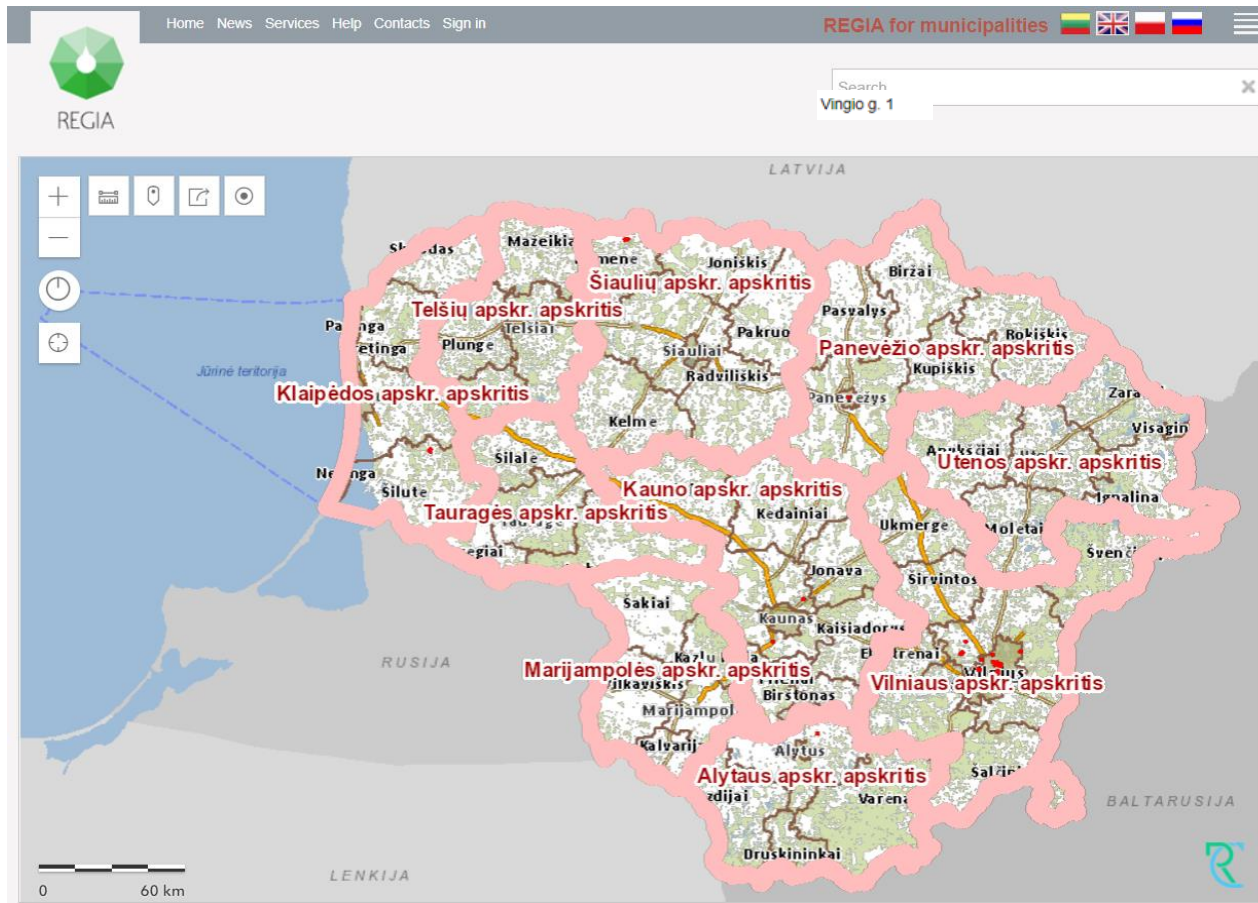
09.

Public e-services of the Address Register



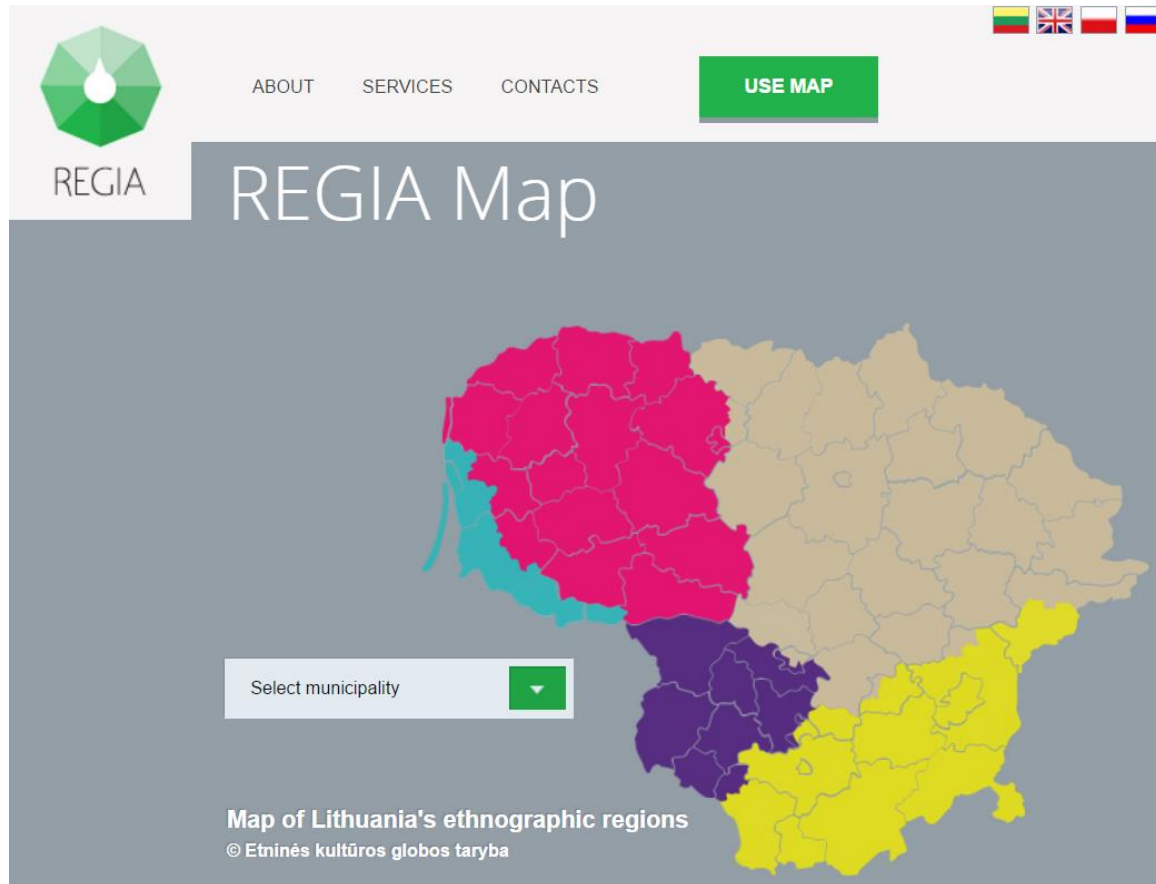
10.

Interactive map of the Address Register data REGIA



11.

Future development plans



Statistical data of the Centre of Registers:

- Legal entities' financial indicators: net profit
- Legal entities' financial indicators: sales revenue
- Population by municipalities
- Number and area of multi - purpose buildings
- Etc.

12.

RC Data opening process. Organisational structure

▼ Working group for implementation of open data initiative

▼ Product owners at the Centre of Registers

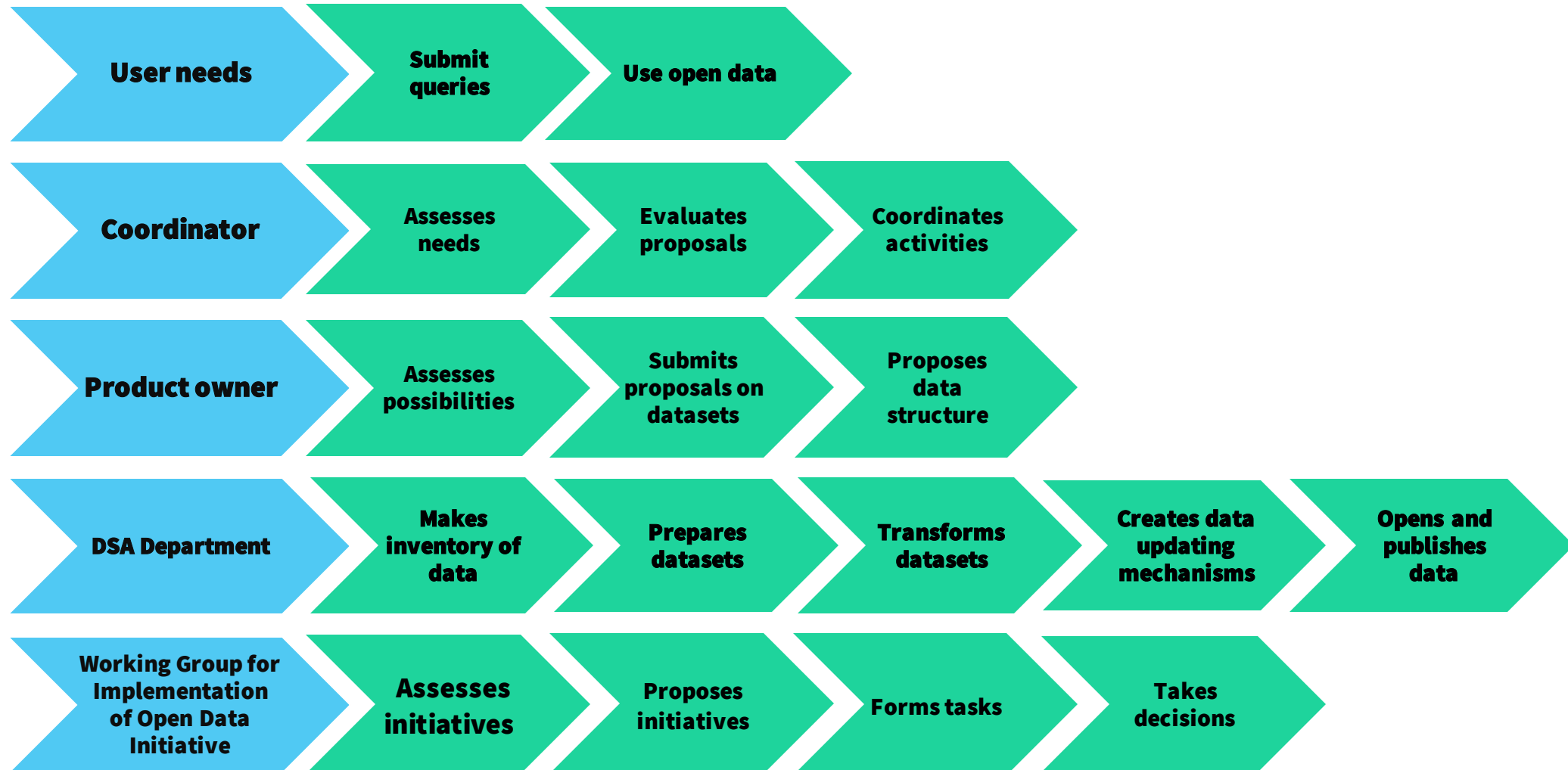
▼ Data opening coordinator at the Centre of Registers

▼ Needs of potential users

▼ Data Solution and Analysis Department

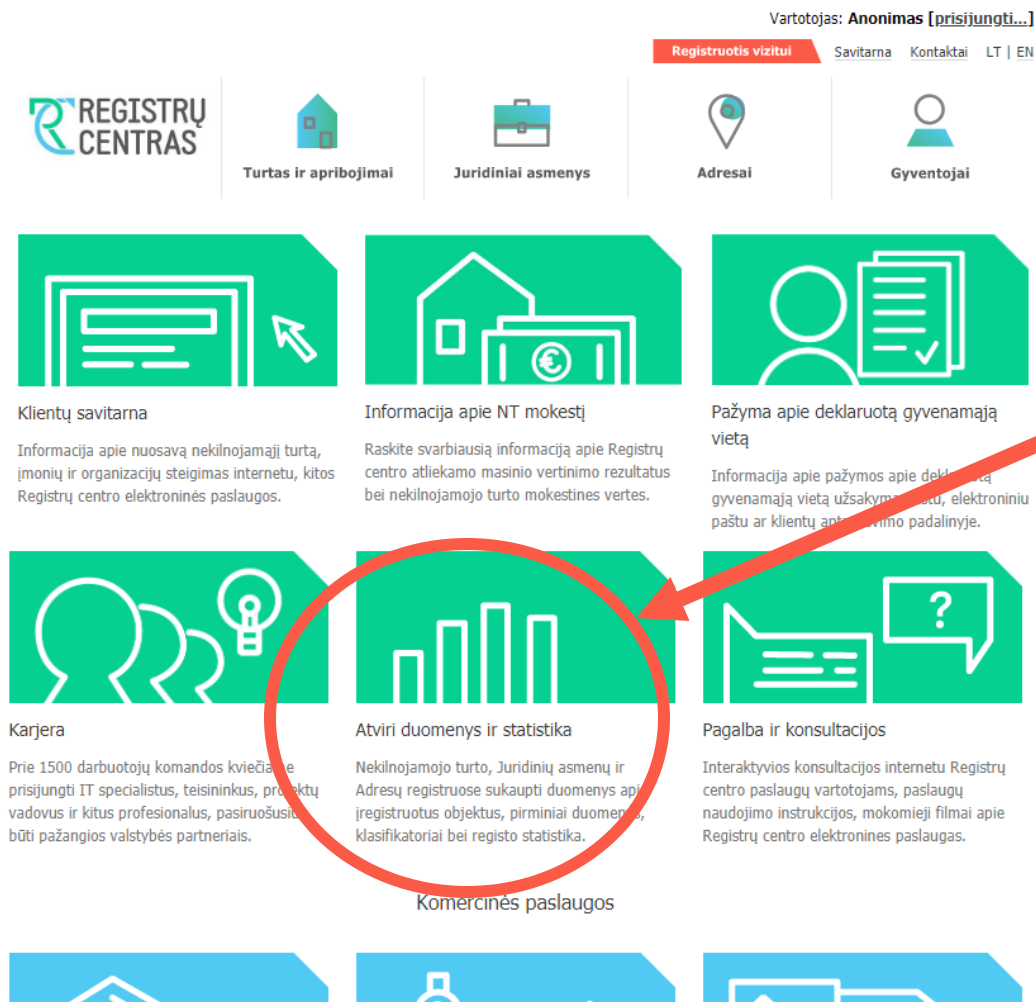
13.

RC Data opening process. Organisational structure



14.

RC Data opening process. Open data on website of the Centre of Registers



15.

RC Data opening process. Opening of Address Register

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Registered objects of AR (textual data):

Counties	CSV	XLSX
Municipalities	CSV	XLSX
Wards	CSV	XLSX
Residential areas	CSV	XLSX
Streets	CSV	XLSX
Addresses allocated to land parcels and/or buildings	CSV	XLSX
Addresses allocated to residential and non-residential premises	CSV	XLSX

Spatial data of objects registered in AR:

Boundaries of counties	GeoJSON
Boundaries of municipalities	GeoJSON
Boundaries of residential areas	GeoJSON
Boundaries of wards	GeoJSON
Street central lines	GeoJSON
Address points by municipalities	GeoJSON

Historical data of AR:

Historical residential areas	CSV	XLSX
Historical streets	CSV	XLSX
Boundaries of historical (repealed) residential areas	GeoJSON	
Central lines of historical streets	GeoJSON	

Address Register statistics

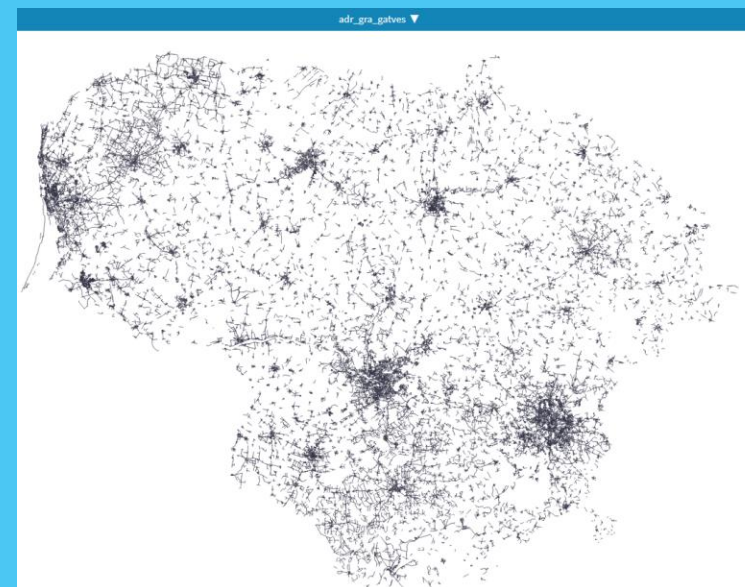
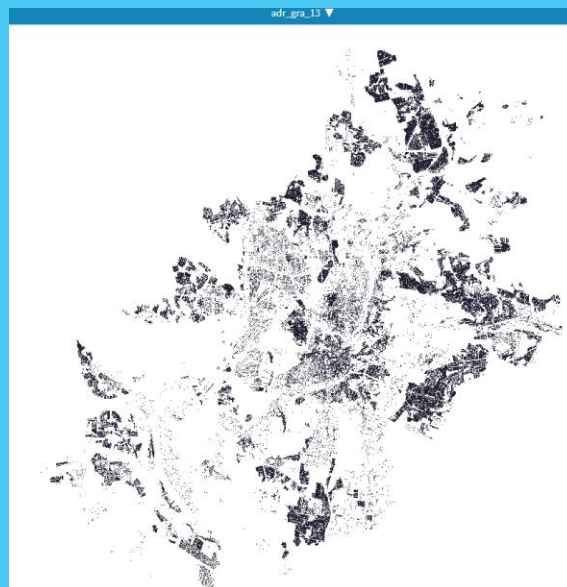
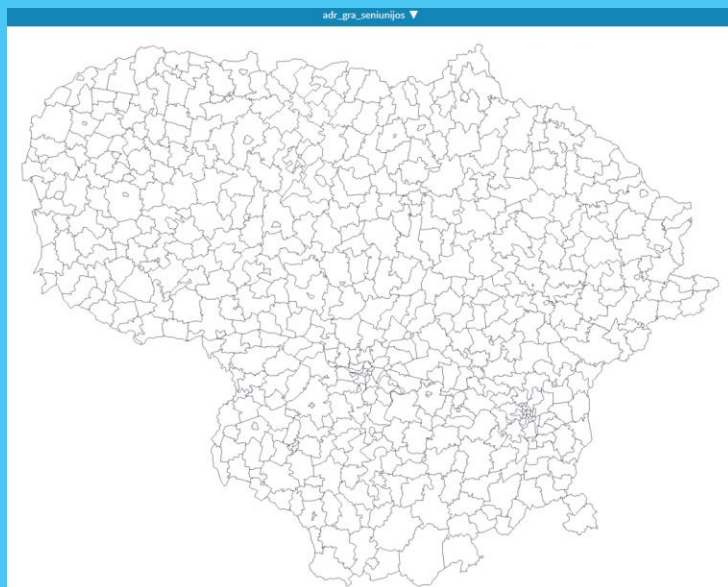
16.

RC Data opening process. Example of open Address Register data

	A	B	C	D	E	F	G	H
1	gyv_koda	tipas	tipo_sant	vardas	sen_koda	sav_koda	gyv_nuo	gyv_iki
2	49730156	kaimas	k.	Zaslonė	4913	49	2002-11-11	2016-11-02
3	36709092	kaimas	k.	Grubiškis	3609	36	1998-06-01	2018-02-09
4	78736248	kaimas	k.	Žiliškiai	7836	78	1998-06-01	2018-11-29
5	54725340	viensėdis	vs.	Nakotai	5425	54	1998-06-01	2015-04-28
6	72795320	miestelis	mst.	Žaiginys	7295	72	1998-06-01	2016-02-24
7	65718132	kaimas	k.	Siečiai	6518	65	1998-06-01	2014-09-22
8	33759059	viensėdis	vs.	Milda	3359	33	1998-06-01	1999-01-01
9	91764056	kaimas	k.	Yniškės	9164	91	1998-06-01	2020-03-28
10	65736064	kaimas	k.	Kalpokai	6536	65	1998-06-01	2014-09-22
11	43730122	kaimas	k.	Čiornabroda	4330	43	1998-06-01	1999-01-01
12	34722384	kaimas	k.	Sirvydai	3422	34	1998-06-01	2017-06-01
13	52707079	kaimas	k.	Lineliai	5207	52	1998-06-01	1999-01-01
14	42718008	kaimas	k.	Aleksandriškės		42	2000-05-31	2000-09-06
15	71735040	kaimas	k.	Monkiškiai	7135	71	1998-06-01	2000-01-11
16	67724092	kaimas	k.	Narteikiai	6724	67	1998-06-01	2016-07-04
17	94735024	kaimas	k.	Dargiai	9435	94	1998-06-01	2017-09-12
18	52729044	kaimas	k.	Nova	5229	52	1998-06-01	2017-09-12
19	58732376	kaimas	k.	Senovė	5132	51	1998-06-01	2000-05-16
20	33702076	kaimas	k.	Mančiūnai	3302	33	1998-06-01	2015-06-18
21	32745052	kaimas	k.	Kyšiai	3245	32	1998-06-01	2016-06-29
22	34749124	kaimas	k.	Katlėriai	3449	34	1998-06-01	2017-06-01
23	88772220	kaimo dalis	kd.	Traksėdžiai	8872	88	1976-01-01	1999-01-01
24	94769168	kaimas	k.	Šapališkiai	9469	94	1998-06-01	2017-09-12
25	46735116	kaimas	k.	Skrebinai	4635	46	1998-06-01	2015-06-10
26	54709112	kaimas	k.	Jautmalkė II	5409	54	1998-06-01	2015-04-28
27	33730105	kaimas	k.	Patrakė II	3330	33	1998-06-01	1999-01-01

17.

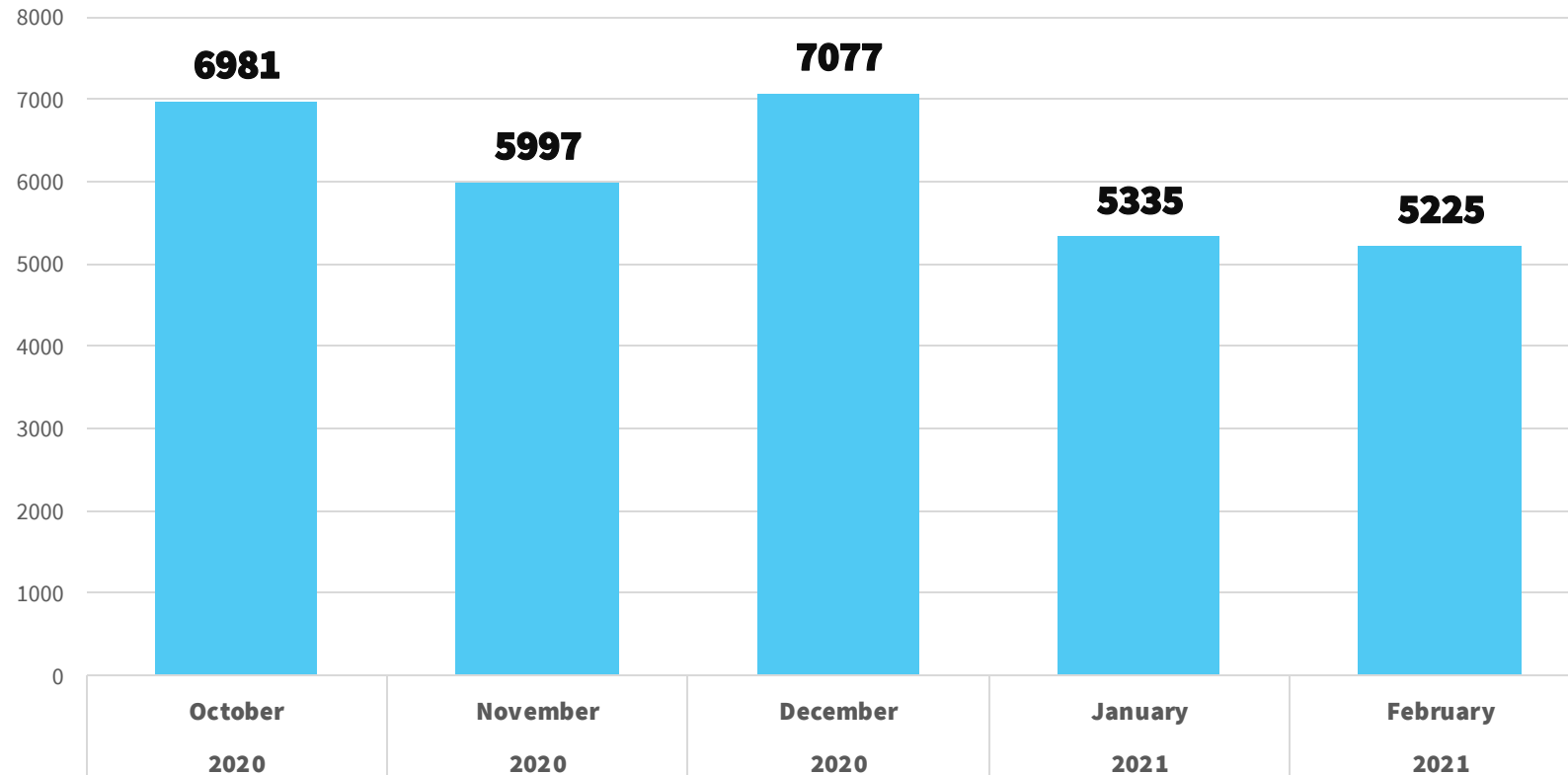
RC Data opening process. Example of open Address Register data



18.

RC Data opening process. Statistics

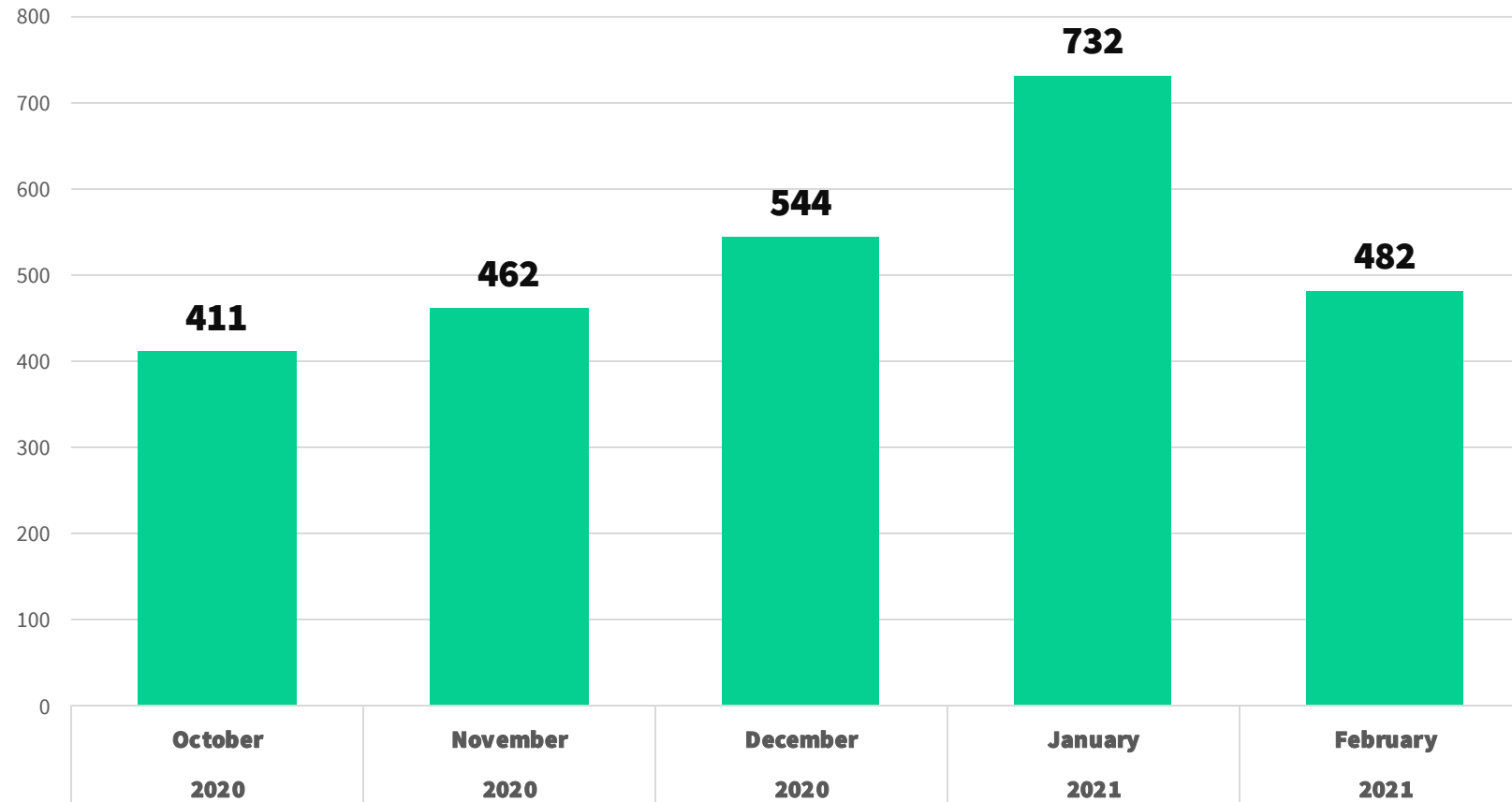
Total number of downloads



19.

RC Data opening process. Statistics

Number of unique users





Thank you for your attention

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