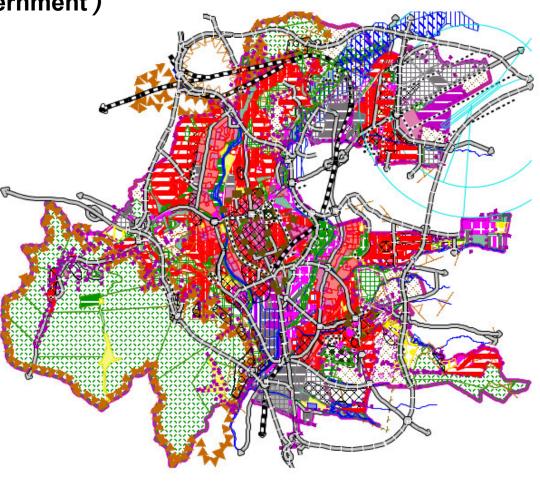


Provision of interconnected registries and geoinformation from Prešov City Council

(set of examples of data presentation from the Prešov municipal

government)









# Prešov – Metropolis of Šariš region

- The population approx. 90 000 inhabitants
- The third largest city in Slovakia
- Centre of Prešov region
- Students' city: 16 basic schools, 9 gymnasiums, 19 secondary schools, 4 universities with 11 faculties

#### **Complex information system of Prešov city**

- more than 400 clients in the system
- covering municipal government agenda priorities with one single Oracle database technology
- 2011 legal requirement to publish contracts, invoices and orders on the web egov.presov.sk
- **2015 OPEN DATA Catalogue**





## RECIPE how to achieve that ... 3 assumptions

#### 1. quality raw material in the chamber (chamber = complex information city system)

- house registry, address locators registry, streets registry
- registry of permanent and temporary citizens' residency
- cadastral and ownership data
- registry of offences on address according explicit classification, type
- dogs registry according the address of holding / keeping, dangerous dogs
- registry of premises and services including their hours of operation
- updated collection and visualization of address points (addresses) with their interlinking with the relevant registries

### 2. willing, enthusiastic and hardworking helpers

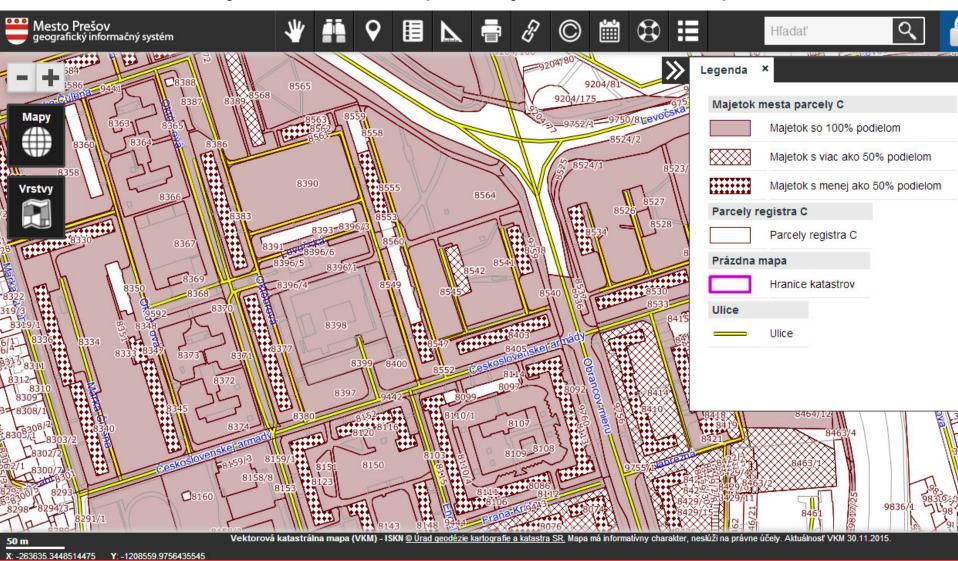
- everybody ensures correctness of their part of the registry, it is day to day work on the city hall office and municipal police
- publishing for the citizens if **fully automated via transfer** of selected data from the Back- Office via synchronization during night

## 3. fantasy and inspiration of chef

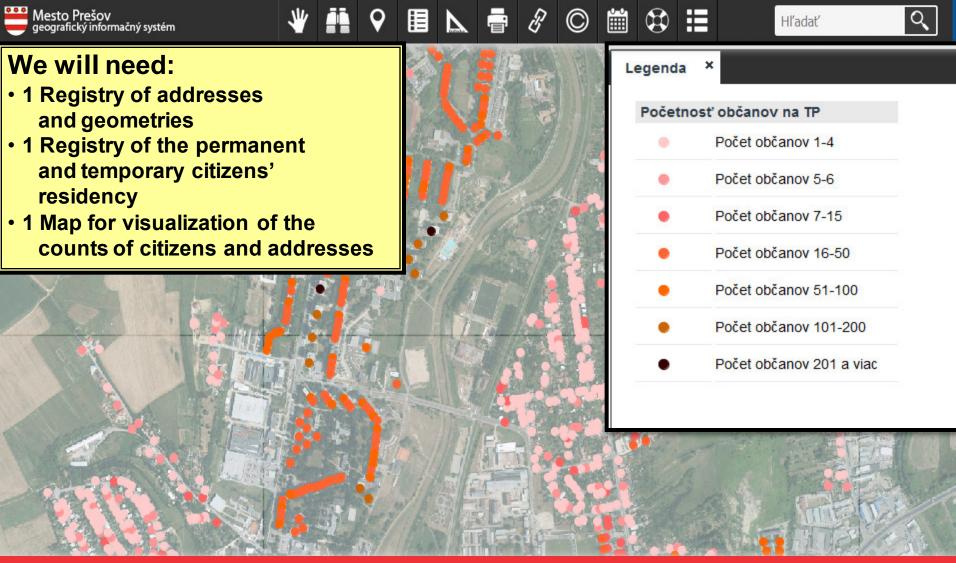


# City property and Land registry

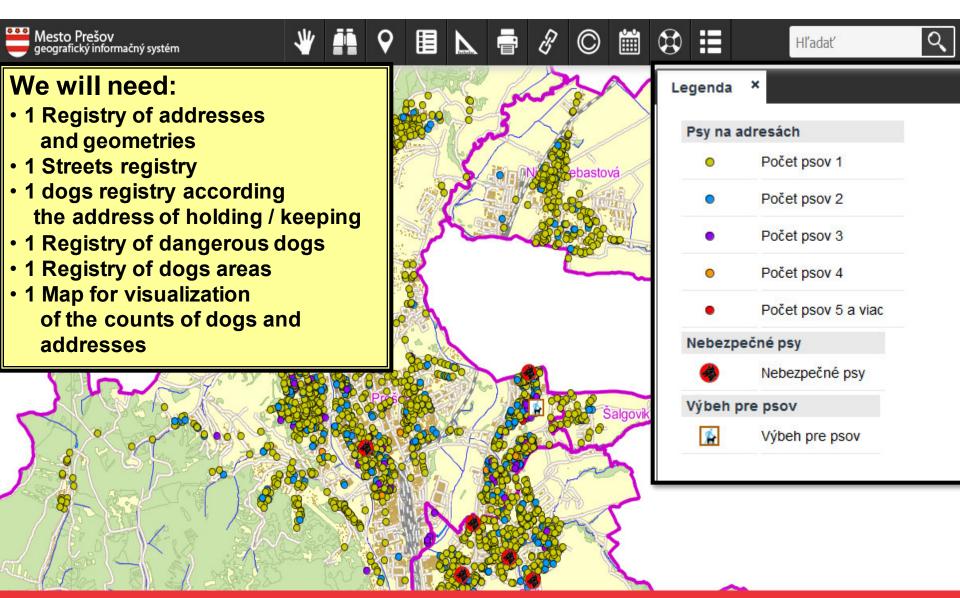
Data from the Land registry are updated on monthly basis in internal information system as well as in publically accessible web map



# Demography - " population density" according the permanent and temporary citizens' residency



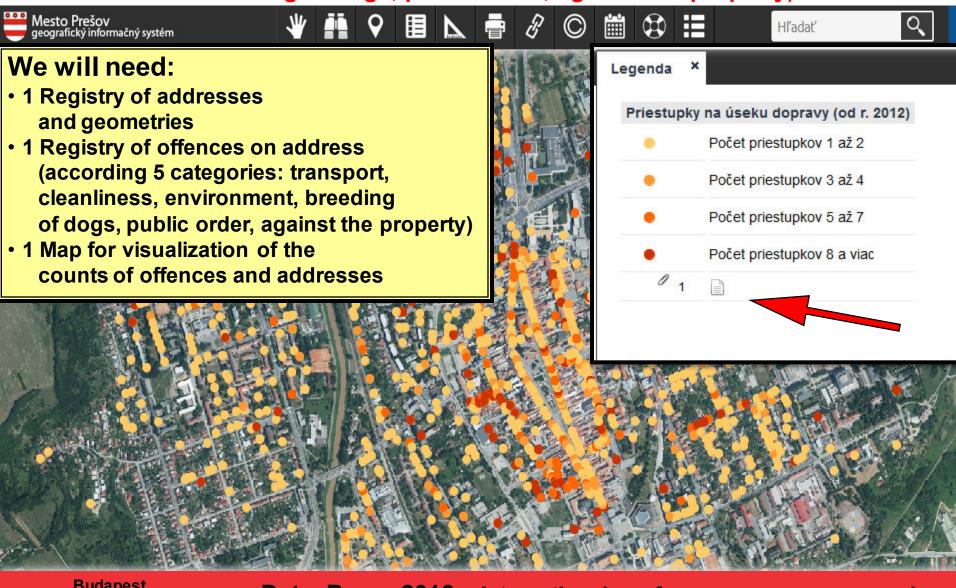
# Dogs registry- map visualization



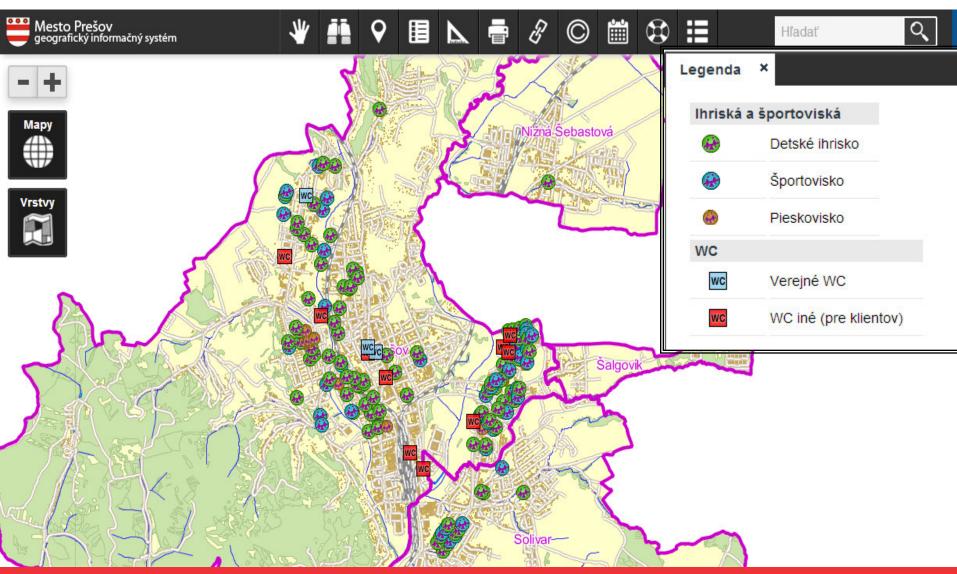
### Map of offences committed in the field of transport

( + cleanliness, environment,

breeding of dogs, public order, against the property)



# Map of playgrounds, sport facilities and other important object (e.g. toilets)



## List of tax debtors

Better payment discipline, less tax debtors, financial benefits



# Useful information for the citizens

## Registries – 33 topics

Orders = 33 companies

Contracts = 33 companies

Invoices = 33 companies

Budget = 33 companies

Municipal governance - board

members

Notice board, Archive

Binding regulations, Petitions

Security

Education

**Subsidies** 

**Elections** 

**Streets** 

Addresses

**Demography** 

**Premises and services** 

Dogs registry

Tax debtors

**OPEN DATA catalogue, etc...** 













## City map – 40 topics

Orthophoto (for more years)

**Cadastral borders** 

Location/navigation map

Streets, addresses, Address

locators register

**Demography, density of habitation** 

Dogs, Dangerous dogs, Dog areas

School facilities

Parcels of land registry C a E

**Property of the city** 

Land used plans for 2013 a 2012

Offences based on categories

Landslide areas

Flood map

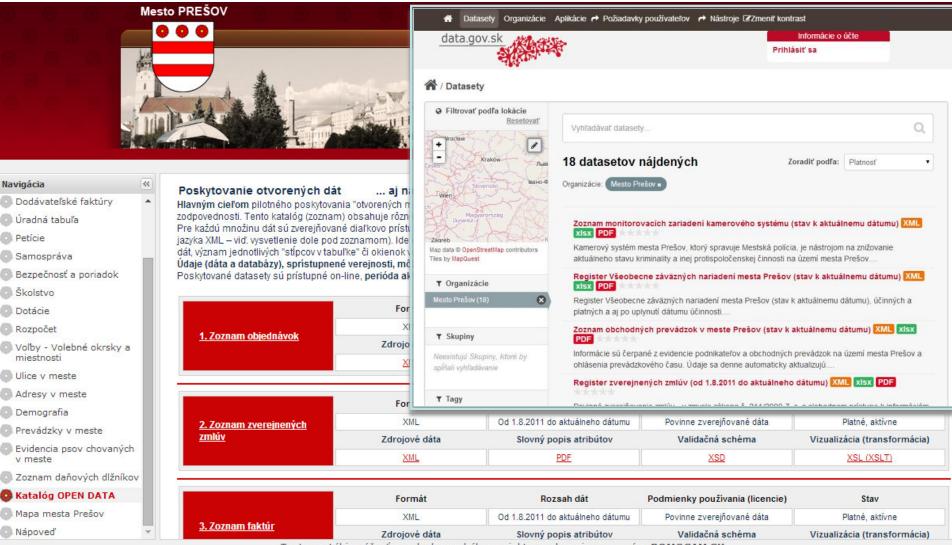
Public green areas

**Planimetry** 

Playgrounds, sport facilities, Bike

trails, city camera, contours, etc.

# OPEN DATA catalogues of Prešov city



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# From municipal governance to national significance and vice-versa

### **Municipalities**

- producers and consumers of the significant amount of data
- often knows, how to present the information contained within data
- face difficulties to access and share data from national authorities
- lack of human and financial resources to collect and maintain data

#### **National authorities**

- updates many national datasets with the input from municipalities
- provides national data also for regional and local use based on specific licensing conditions
- limited capacities for effective and transparent procurement and spending of available resources

### **Options for improvement**

- INSPIRE, PSI
- eGovernment, Open Data, Open Government Partnership
- slovensko.digital

# City of Prešov – future Smart Cities ...

Recent evaluation of 28 Slovakian cities - openness ranking of published information, accessibility in connection to the citizens was the main objective of the independent evaluation made by Czech experts: Michal Zimmerman - Clevermaps, David Bárta - editor in **Chief of magazine Smart Cities.** 

http://www.scmagazine.cz/casopis/04-15/zebricek-otevrenych-dat-slovenskych-mest?locale=cs

Ranking	City	Grand total	the sum of quantitative	
1.	Prešov	173	90	83
2.	Nitra	67	45	22
3.	Michalovce	62	42	20
4.	Levice	58	34	24
5.	Košice	53	31	22
6.	Banská Bystrica	53	31	22
7.	Trenčín	51	21	30
8.	Martin	49	23	26
9.	Žilina	42	20	22
10.	Ružomberok	39	17	22

# Thank you for your attention

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