

„Park and ride“ system in Vilnius



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Valencia

Quick facts about Vilnius



Area – 401 km² (40.100 ha)

Population (2018) – 574,147 (805,367 including Vilnius County)

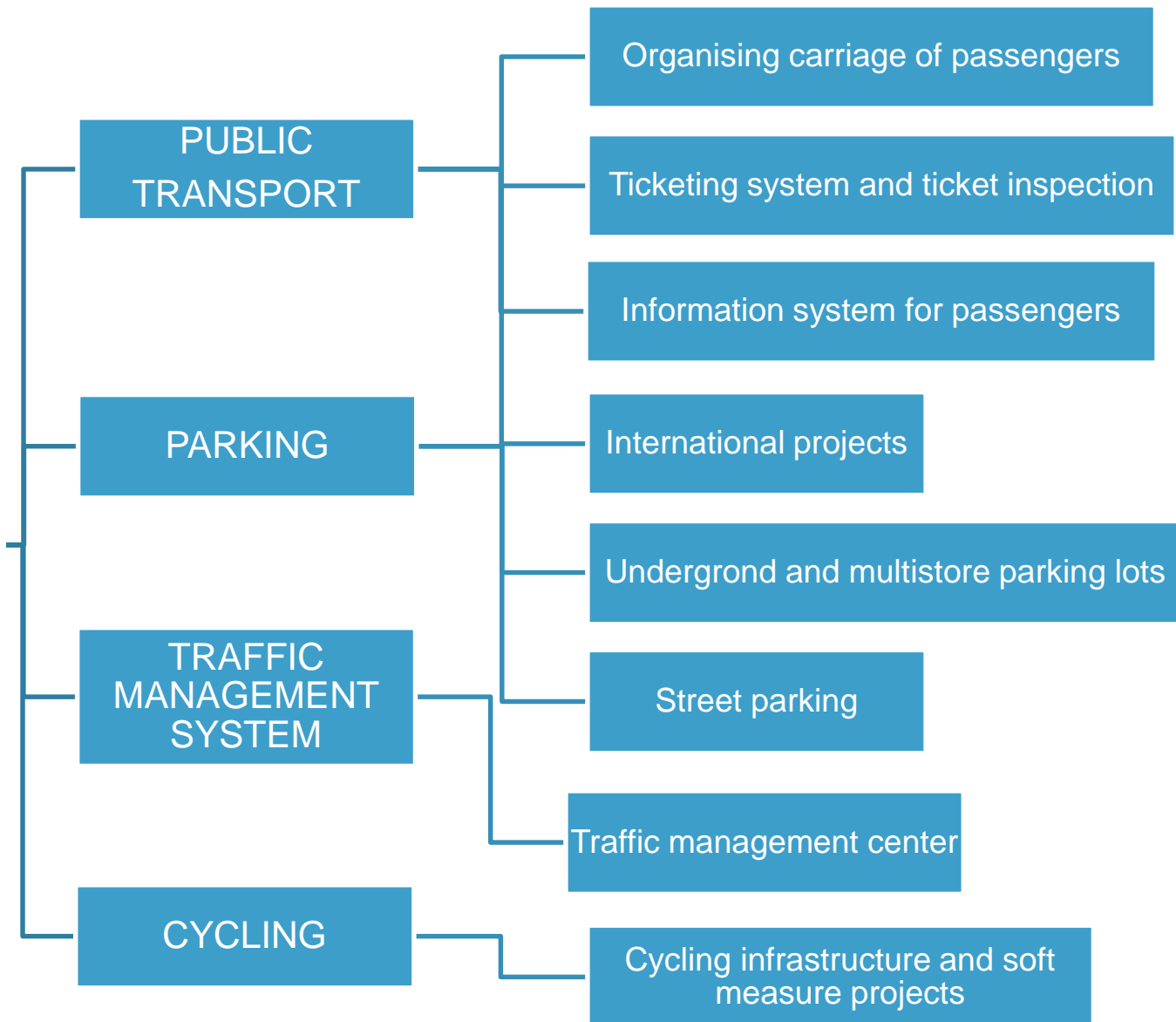
Density – 1,392/km²

VILNIUS is one of the most sparsely populated and least urbanized capitals, making it an expensive city to serve. The density – 1,392/km² – is the lowest here compare to other EU capitals.

- 24,1% of travellers use public transport, 49 % use private cars;
- Heavy increase in auto mobilization level, approx. 600 private cars / 1000 inhabitants;
- In addition to 574 thousand inhabitants, 170 000 more people come to work to the city daily;
- 46% of the city is covered by the green areas (approx. 200 m² for each inhabitant).

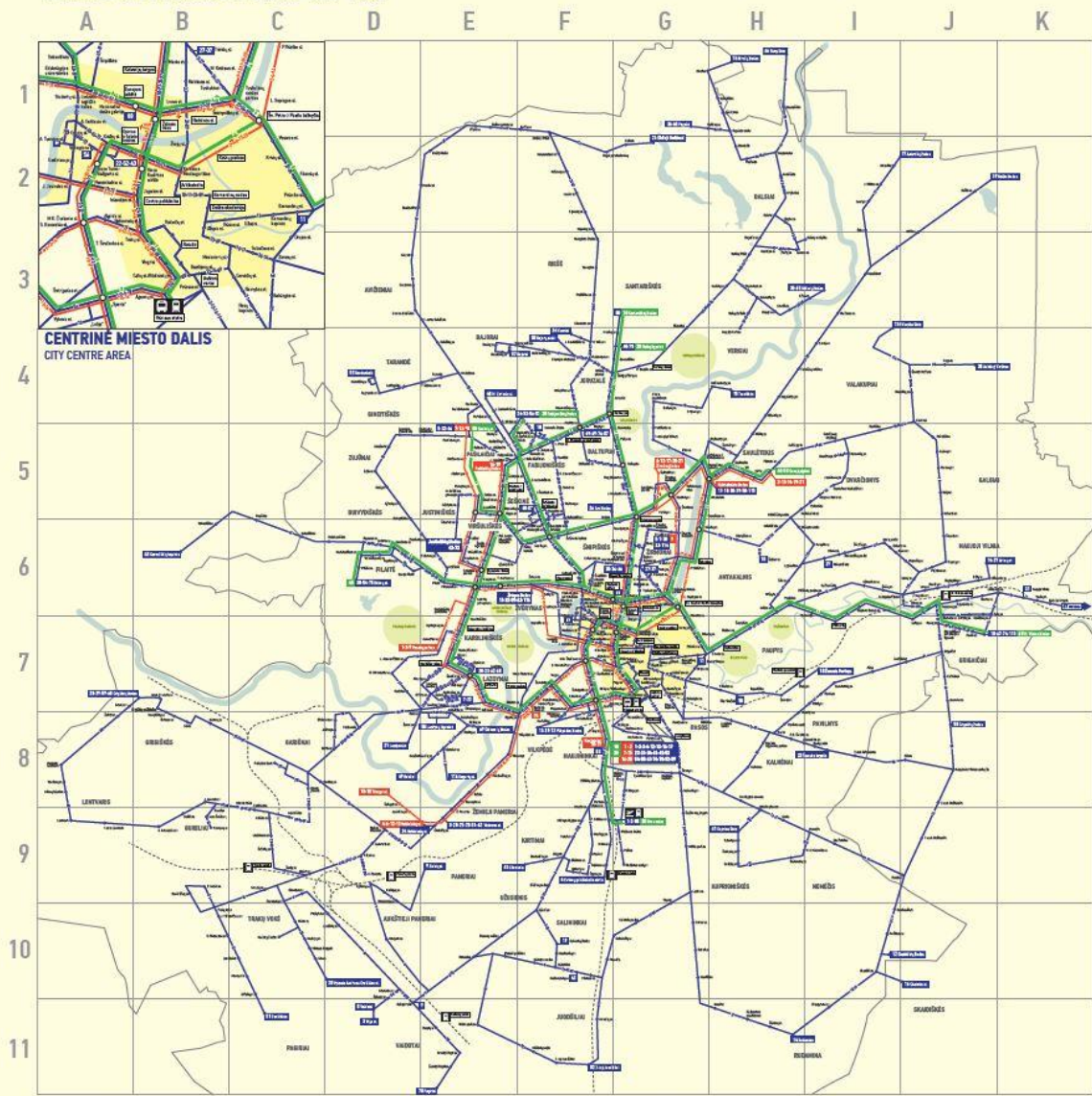


Municipal Enterprise “Susisiekimo paslaugos”



Public transport network

VILNIUS CITY PUBLIC TRANSPORT MAP VALID FROM 2018 09 01



Number of lines:

- Buses – 76 (+ 6 night busses)
- Trolleybuses – 18

Lines length:

- Buses – 985 km (30 km public transport lane)
- Trolleybuses – 205 km

Number of vehicles on the line:

- Buses – 400
- Trolleybuses – 188

Annual mileage :

- Buses – 28,8 million km
- Trolleybuses – 11,2 million km

Modal split of passenger transport

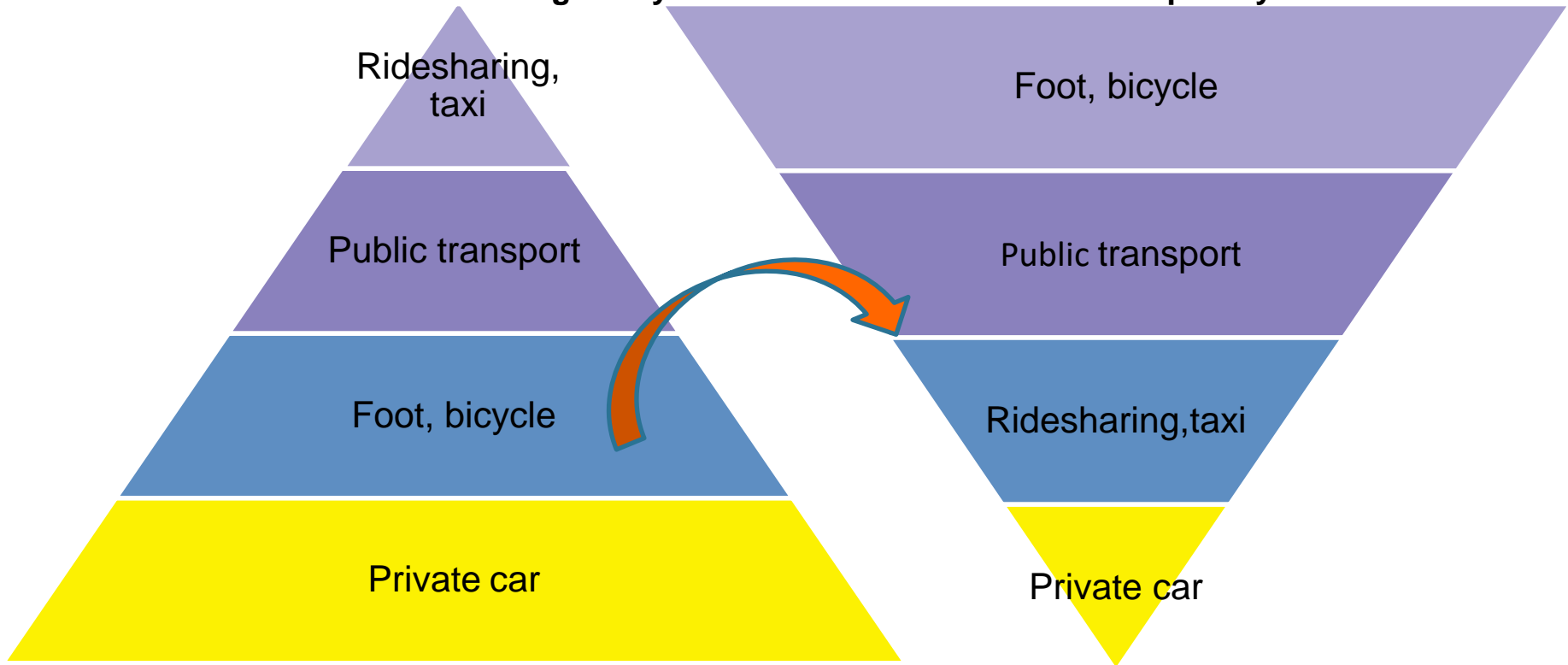


Way of travelling	Modal distribution of travel	Targeted modal distribution of travel		Modal distribution of travel outcomes in 2030 with the current growth
	2017, %	2030, %	Change in relation to 2017	
Public transport	24,1	30,0	Growth 1.24 times	<ul style="list-style-type: none"> The number of daily travels by public transport in the city increases by 36% (112,000 trips/ a day); The number of public transport users increases by 47,000.
Bicycle	1,5	7,5	Growth 5 times	<ul style="list-style-type: none"> The number of daily trips increases by 275% (77,000 trips/ a day); The number of bicycle users increases by 32,000.
Foot	24,5	29,0	Growth 1.18 times	<ul style="list-style-type: none"> The number of daily trips on foot increases by 29% (92,000 trips/ a day); The number of people travelling on foot increases by 38,000.
Car	49,0	30,0	Decline 1.63 times	<ul style="list-style-type: none"> The number of daily trips by car declines by 42% (308,000 trips/ a day); Around 130,000 car users change their daily travelling habits.
Other (ridesharing, taksi)	0,9	3,5	Growth 3.5 times	<ul style="list-style-type: none"> The number of daily trips increases by 40% (14,000 trips/ a day); The number of people using other ways of travelling increases by 6,000.

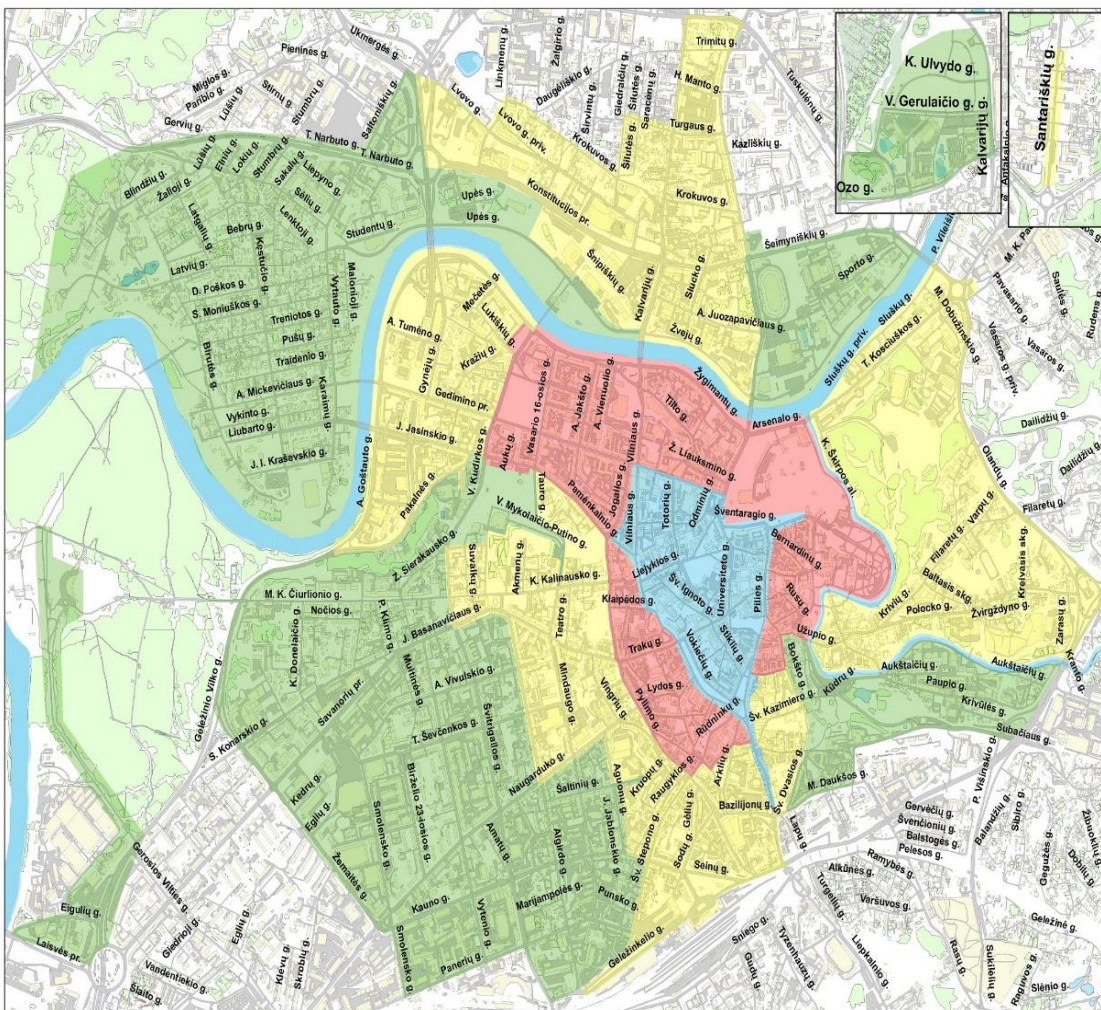
Vilnius City's aims



- To promote alternative travel mode choice;
- To regulate traffic flows in city center;
- To improve the living and urban environmental status;
- To educate inhabitants to change daily travels and attitudes at the transport system.



Parking zones



BLUE ZONE

12 min. - EUR 0.50
1 hour - EUR 2.50

Parking is paid:
Monday-Sunday
8h - 24h

RED ZONE

12 min. - EUR 0.30
1 hour - EUR 1.50

Parking is paid:
Monday-Saturday
8h - 22h

YELLOW ZONE

12 min. - EUR 0.12
1 hour - EUR 0.60

Parking is paid:
Monday-Saturday
8h - 20h, except for
Santariškių street:
Monday-Friday 8h - 16h;
Turgaus, Rinktinės,
Geležinkelio, Sodų, Pylimo
(close to Halės Market)
streets:
Monday-Sunday
8h - 20h

GREEN ZONE

12 min. - EUR 0.06
1 hour - EUR 0.30

Parking is paid:
Monday-Saturday
8h - 18h
Žvėrynas district
and Vingis Park area:
Monday-Friday
8h - 18h

Main reasons of traffic congestion



- Most of the trips carried out by private cars
- A large concentration of attractions in the city center
- A large parking space occupancy
- Chaotic parking
- Behavior unwillingness to change travel mode



„Park and ride“



„Park and ride“ facilities have been opened in the end of July, 2017. They were located on the main entrances to the city center:

- **Ukmergės st. 246 (5,5 km from the city center);**
- **Sėlių st. 62 (3 km from the city center);**
- **V. Gerulaičio st. 1 (4,5 km from the city center).**



A driver who has parked a car in „Park and ride“ lot and purchased a ticket can use the public transport throughout the day. The ticket costs 0.5 EUR.

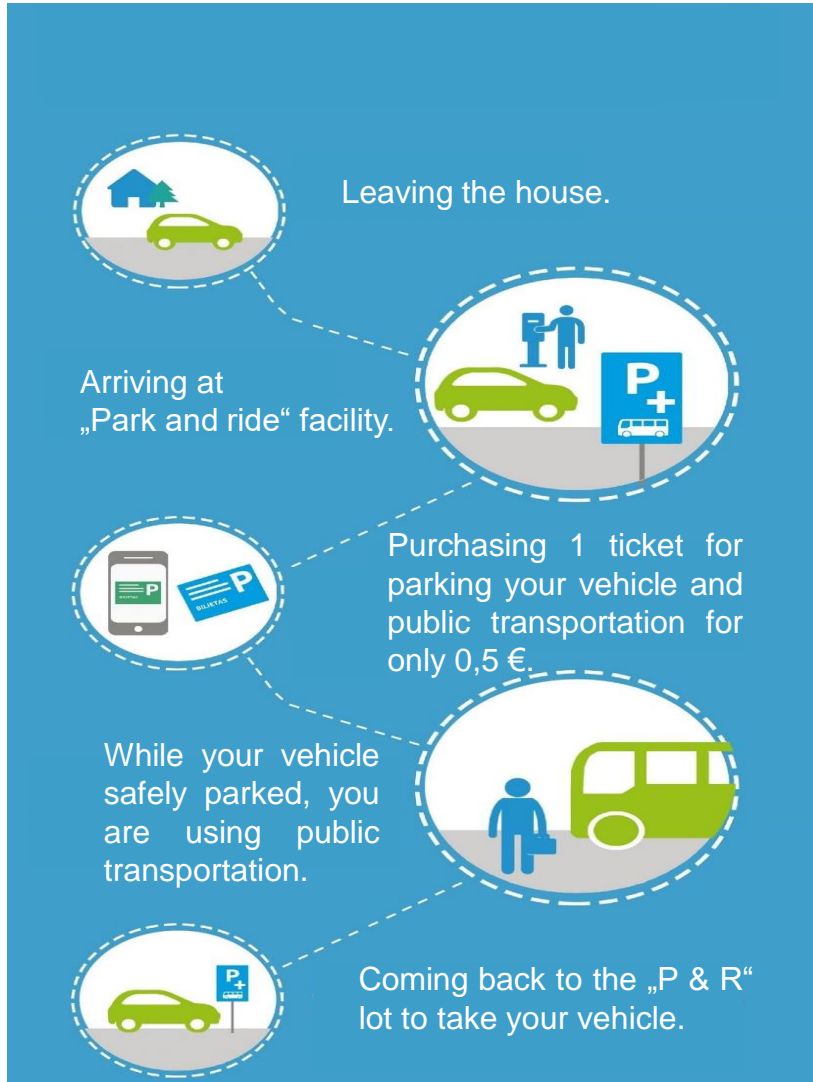
„Park and ride“ locations



Distance from the city center:

- Ukmergės str. 246 – **5,5 km**;
- V. Gerulaičio str. 1 – **4,5 km**;
- Sėlių str. 62 – **3 km**.

How does it work?



Payment methods:

- **Ticket machine (coins or credit cards) – 80 % payments;**



- **„m.Ticket“ app (mobile operator or online banking) – 20 % payments.**

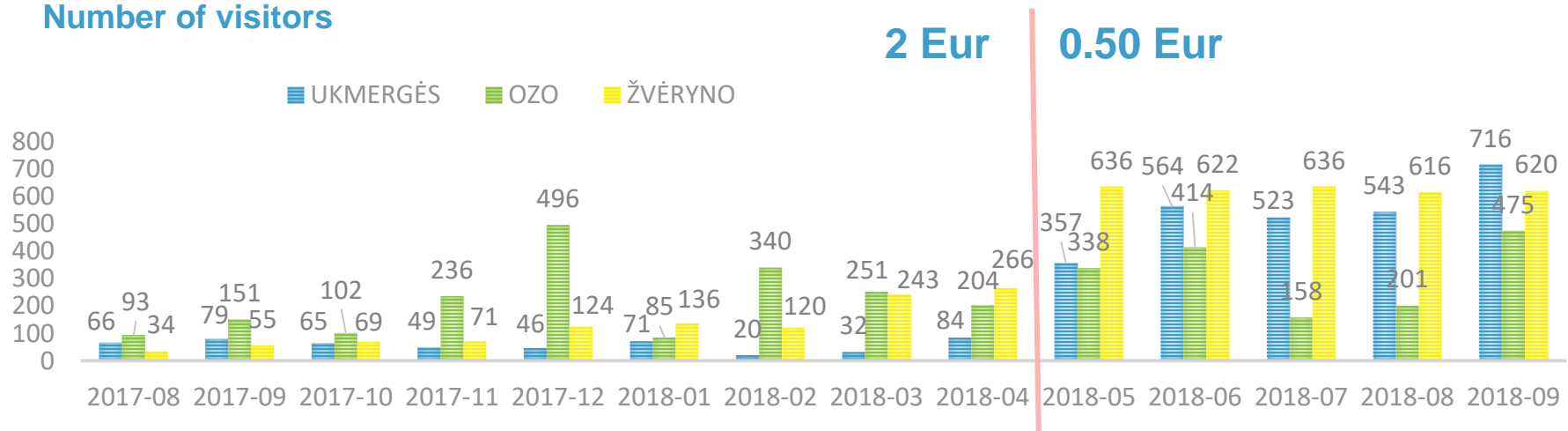


Ticket price



The „Park and ride“ ticket used to cost **2 Eur** at the beginning. The rate has been reduced to **0,5 Eur** to attract more people in May, 2018. Since then, the increase of users has been noticed.

Number of visitors



„Park and ride“ capacity



The number of parking spaces available in „P&R“ lots is different:

- Ukmergės str. 246 – **94 parking spaces**;
- Sėlių str. 62 – **29 parking spaces**;
- V. Gerulaičio str. 1 – **102 parking spaces**.

Occupancy rates

- Ukmergės str. 246 – 32%
- Sėlių str. 62 – 100%
- V. Gerulaičio str. 1 – 15%

Note. The occupancy rate indicates the busyness of the parking lot during the peak hours (6AM – 11AM).

Customer feedback



People indicated the main reasons why do they use „P&R“ lots :

„Your car is safely parked and you do not have to spend you time trying to find empty parking space.“

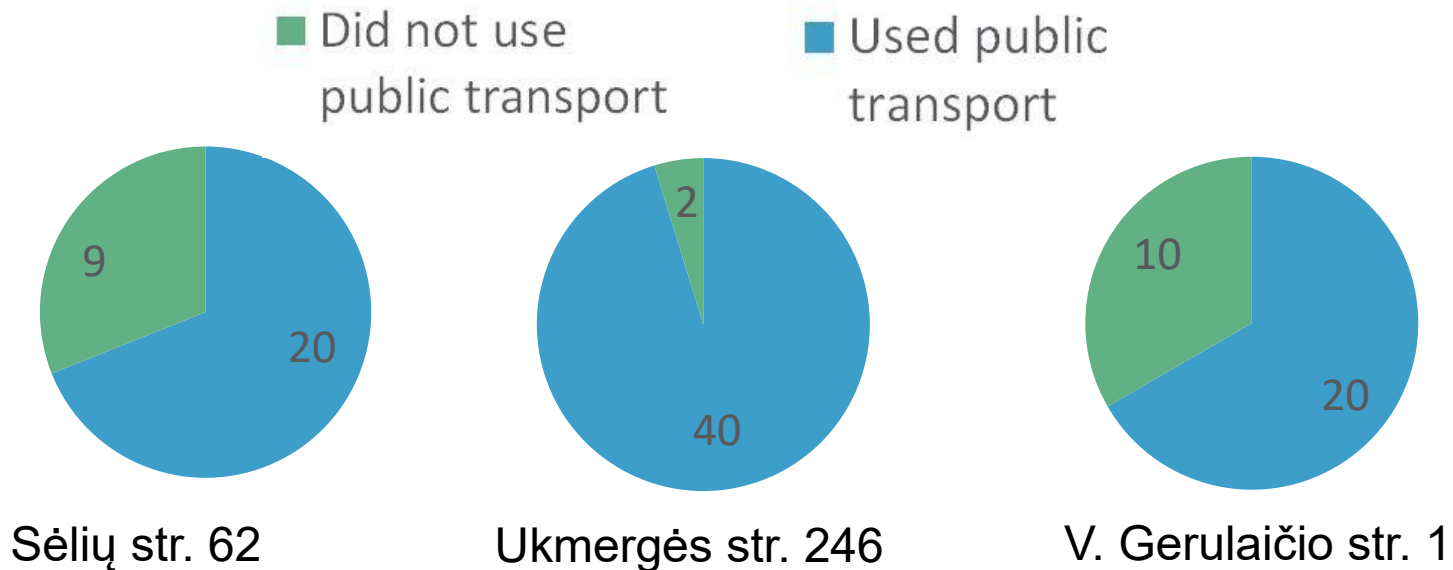
„I like walking, so it is a good opportunity to have an extra exercise.“

„My journey to work with public transportation takes about the same time as with a car during the peak hours.“

Observations

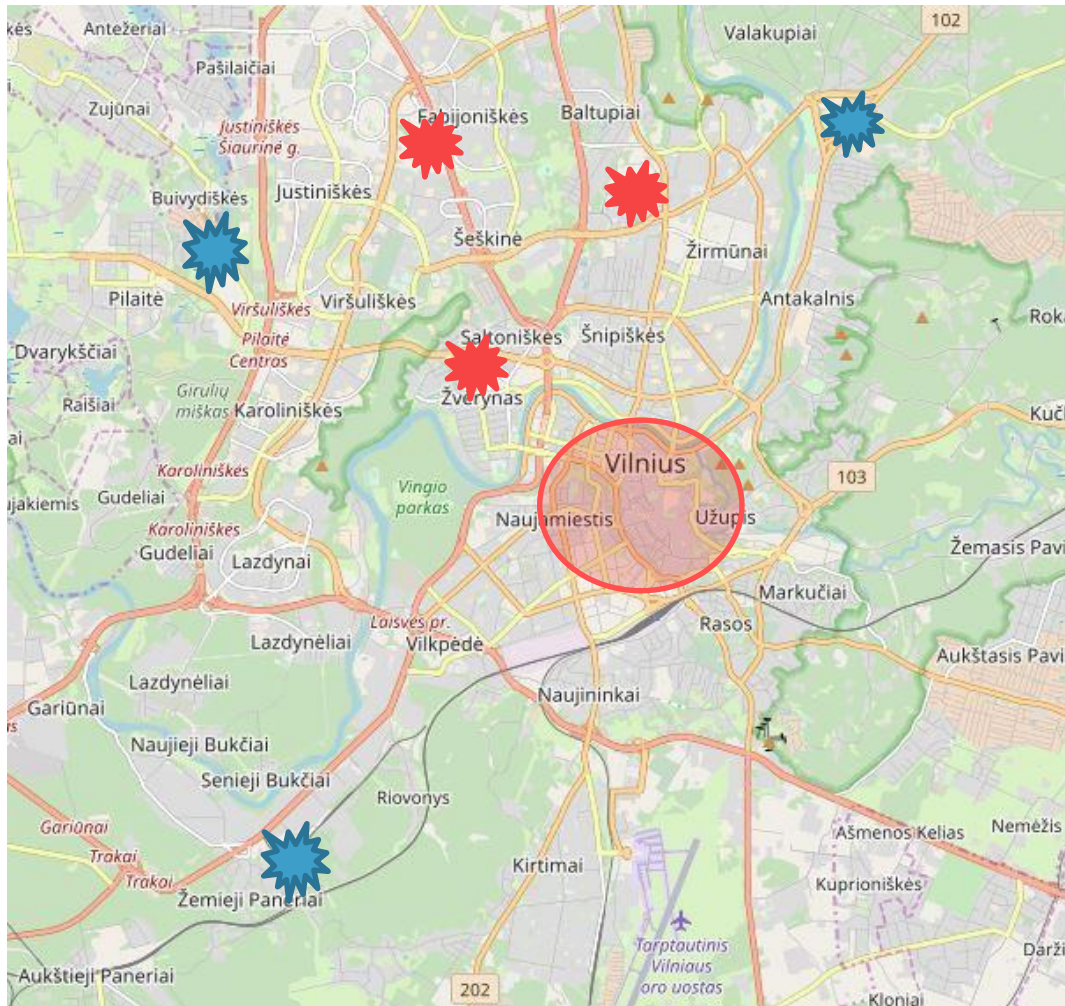


- ❑ People slowly start to see the advantages of „Park and ride“ lots.
- ❑ Good marketing campaign is very important.
- ❑ Multiple modes of transit should be nearby the „Park and ride“ lot.
- ❑ Some people use the „Park and ride“ lot just for parking (not using the public transport).



Note. The numbers indicate the amount of people only for the day of the research.

Prospective „Park and ride“ lots



Vilnius City Municipality is planning to open some new „Park and ride“ lots in the city to extend the current network.

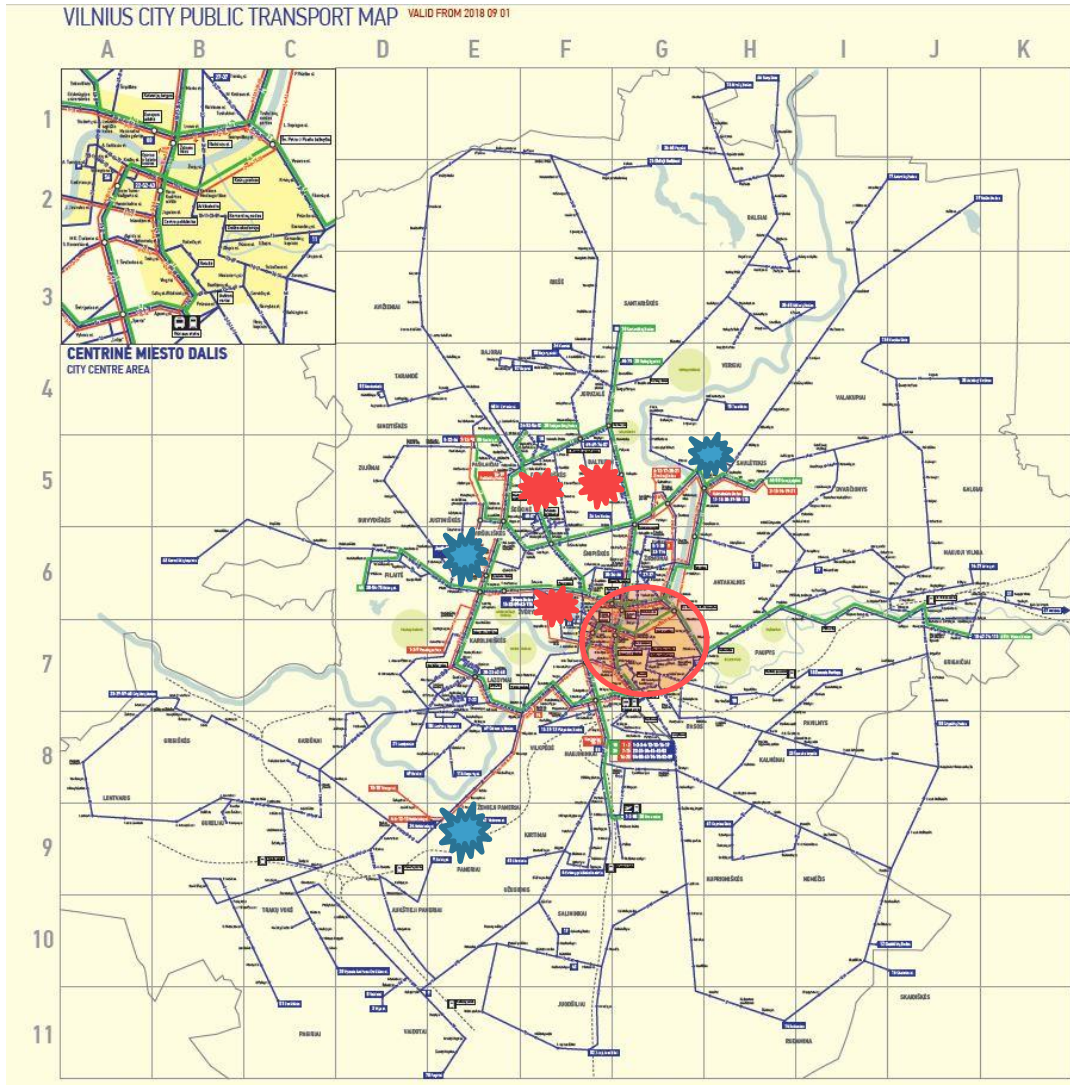


Operating „P&R lots





Prospective „P&R lots

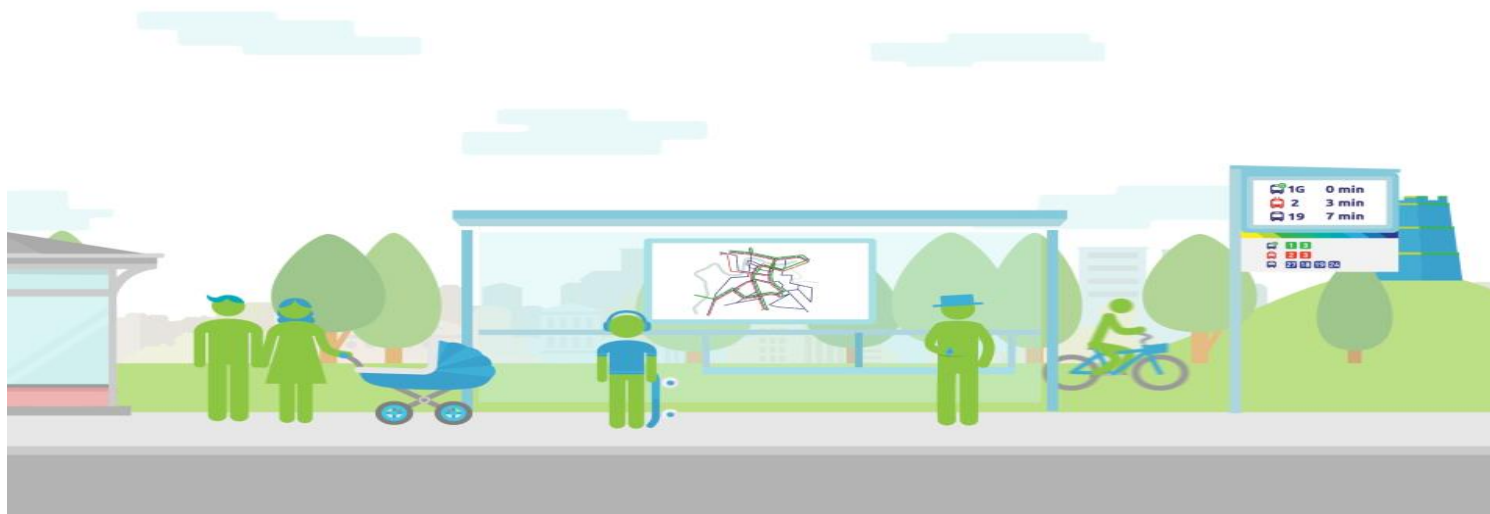
Prospective „Park and ride“ lots



Vilnius City Municipality is planning to open some new „Park and ride“ lots in the city to extend the current network. The new lots are planned to be built on the busiest public transport nodes to ensure the comfortable and fast connection to the city center. Ridesharing, bicycle sharing systems as well as electric vehicle charging points will be established.

-  Operating „P&R lots
-  Prospective „P&R lots

Gracias por su atención



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