

## Practical activity #6

### Chapter 3

#### Student EQF level: 4

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### Sources for the practical exercise

- 3.2.2 Technologies most fit for LMD logistics
- 3.2.3 Information collection in LMD
- 3.4.4 Investing in new technologies

### Objective

The objective of this activity is to make students familiar with different types of navigation systems and maps in urban areas. Simultaneously, students should be able to take advantage of entering different values, different means of transport if possible and evaluating its outcomes. For our purposes, maps by google.com, mapy.cz and waze.com were chosen. Voluntarily, other GNSS and portals can be used for these exercises. Working with unknown area will improve student's skills in orientation and looking for traffic data.

### Instructions

#### Exercise 1:

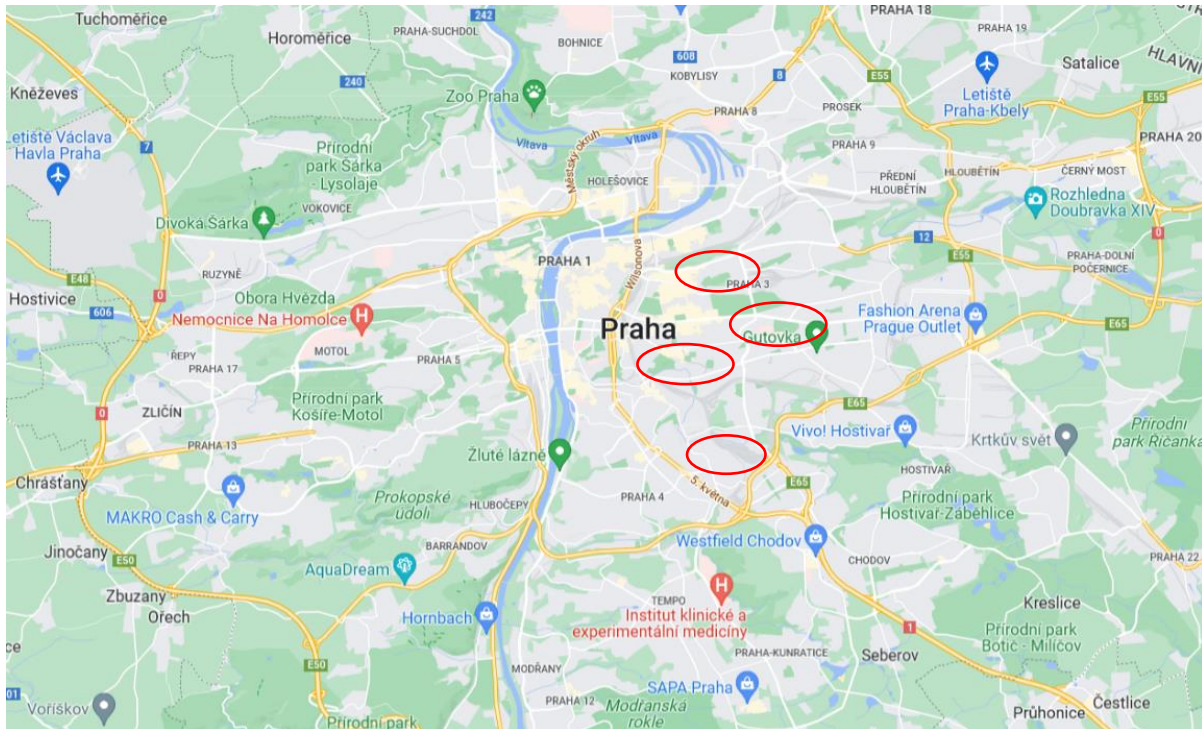
Find the best route for distributing goods by vans from the distribution centre in Vinohrady to stores and hotels in city districts Michle, Vršovice and Žižkov using different map applications.



**Exercise 1a:**

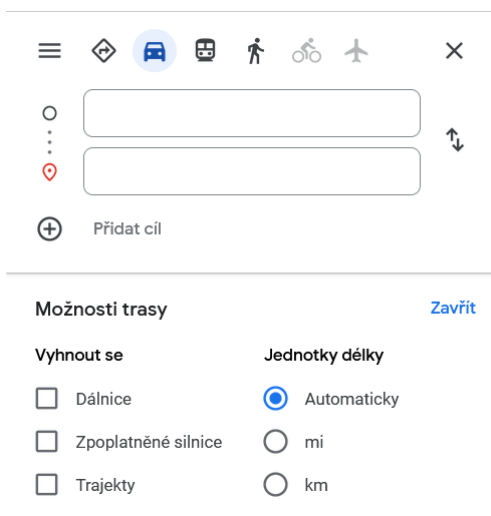
Google Maps (www.google.com/maps)

Overview map with the distribution centre and the serviced stores/hotels (the districts will be visible once you zoom in the map in the browser):



Obrázek 1

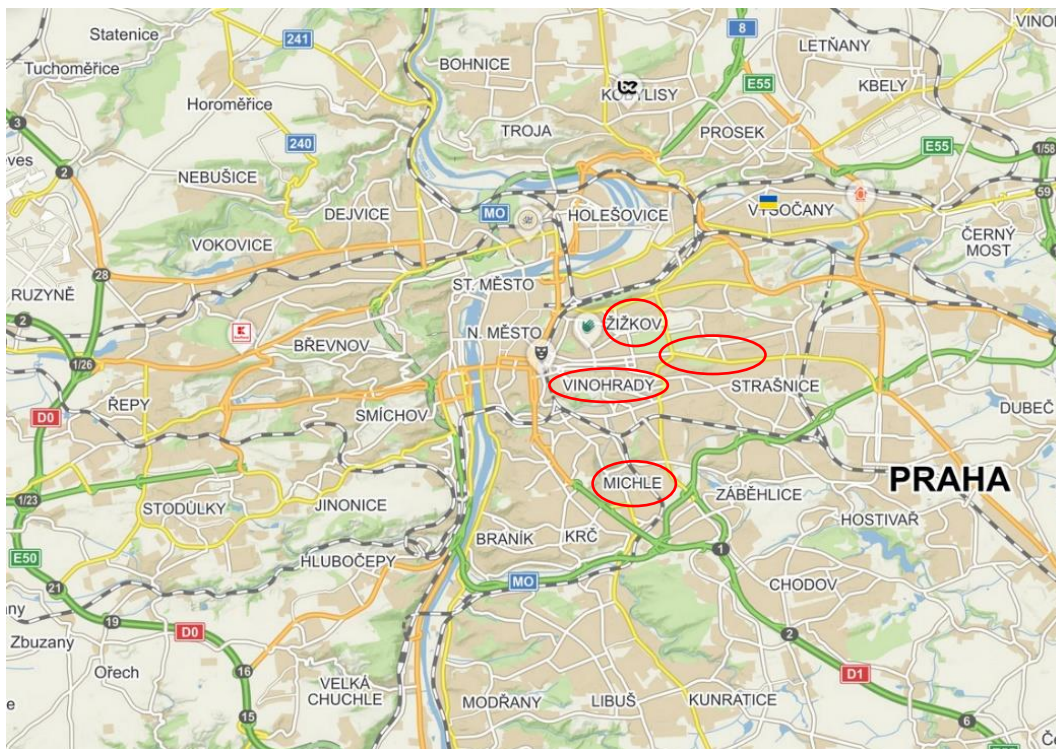
Menu for entering routes and their parameters (available in different languages):



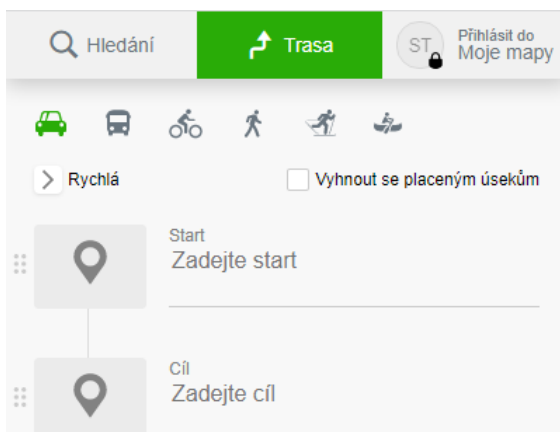
**Exercise 1b:**

Map portal Mapy.cz ([www.mapy.cz](http://www.mapy.cz)) or use any other local map portal

Overview map with the distribution centre and the serviced stores:



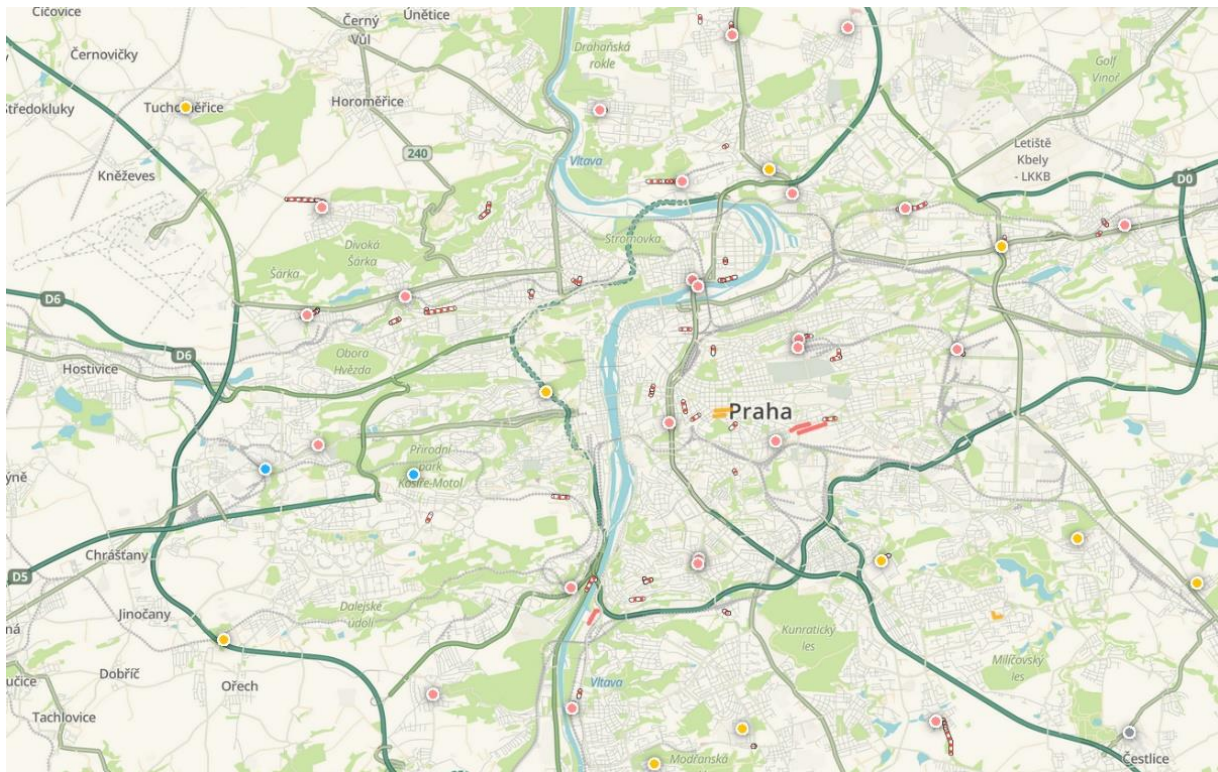
Menu for entering routes and their parameters:



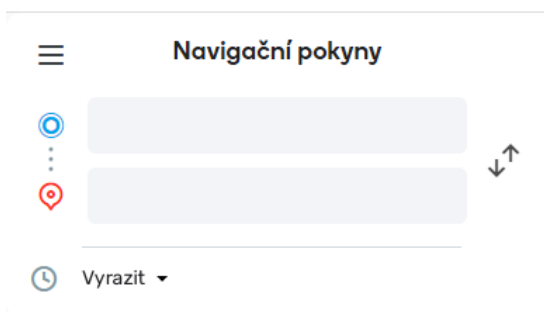
**Exercise 1c:**

Map portal Waze [www.waze.com/cs/live-map](http://www.waze.com/cs/live-map), [www.waze.com/it/live-map](http://www.waze.com/it/live-map), [www.waze.com/fr/live-map](http://www.waze.com/fr/live-map), [www.waze.com/es/live-map](http://www.waze.com/es/live-map) (choose your language)

Overview map with the distribution centre and the serviced stores:



Menu for entering routes and their parameters:



**Exercise 2:**

Find the best route for distributing goods by other means of transport - bike, scooter, motorbike, on foot from the distribution centre in Vinohrady to stores and hotels in city districts Michle, Vršovice and Žižkov using different map applications.

Find out which route to your destination is the fastest, shortest, avoiding toll roads etc, then evaluate your findings considering questions below.

- Have all portals show the same data or were there any differences?
- Which map portal did you find the most user-friendly and why?
- What have you noted between the different propositions?
- Do you think all traffic data are sufficiently provided in the interfaces?

