

2nd International Urban Mobility Dialogue - Parade of Cities

# Brno (Czech Republic)

## Specifics and challenges in mobility

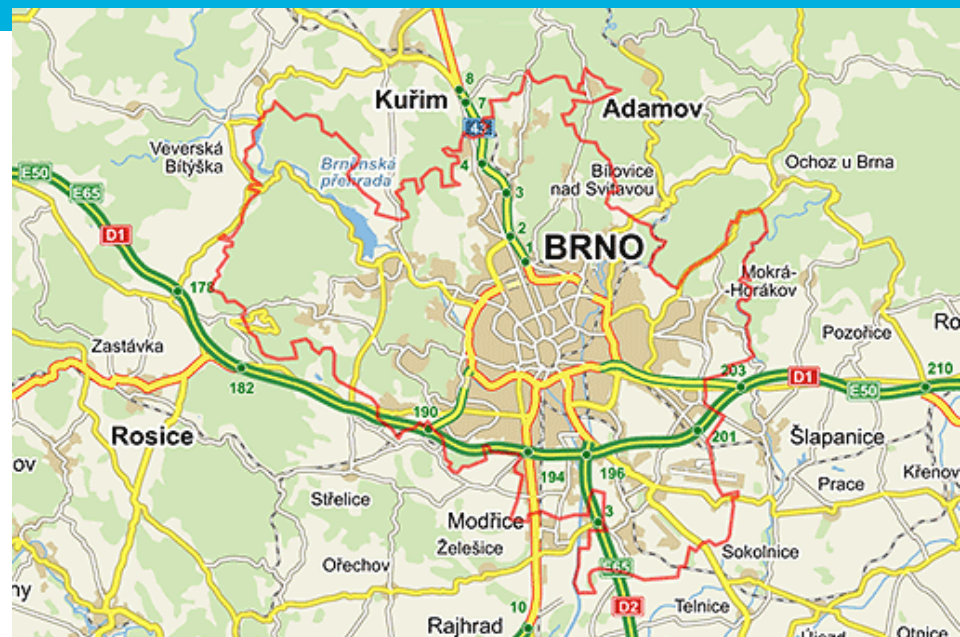
13th November 2019

**Lukáš Báča, Head of Urban Mobility Unit, Municipality of Brno**

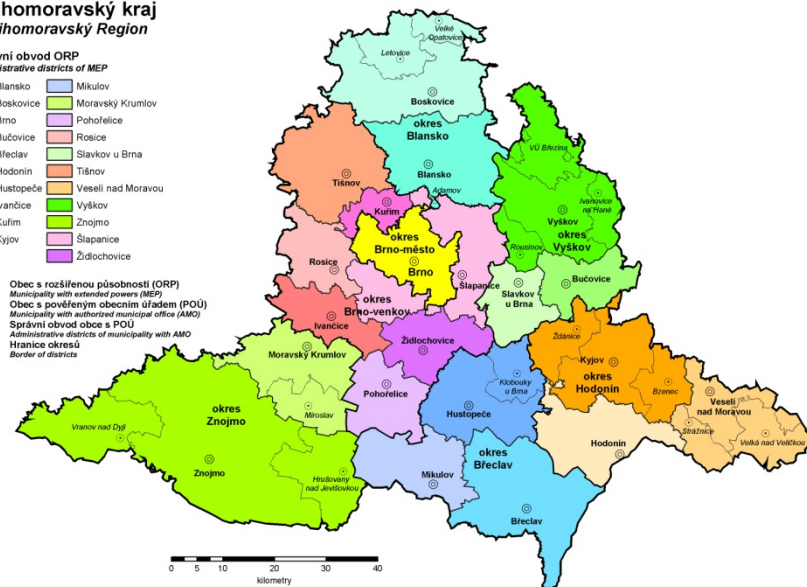


# PLÁN udržitelné městské mobility města Brna

- 370 000 residents
- 120 000 commuters
- 80 000 students
- Second largest city in country
- The center of South Moravian Region



Jihomoravský kraj  
Jihomoravský Region



## Brno Sustainable Urban Mobility Plan

**1. THE MODAL SPLIT BETWEEN SUSTAINABLE MODES OF TRANSPORT (PUBLIC TRANSPORT, CYCLING AND PEDESTRIAN TRAFFIC)**



**2. ROAD COMMUNICATION NETWORK OF THE CITY AND QUALITY OF PUBLIC SPACES**



## AREA OF CHANGE

**3. ORGANISATION AND CONTROL OF TRAFFIC AND OF THE DEMAND FOR TRANSPORT**



**4. PROTECTION OF INHABITANTS AGAINST NEGATIVE IMPACTS OF TRAFFIC, HIGH ENERGY CONSUMPTION OF TRAFFIC**





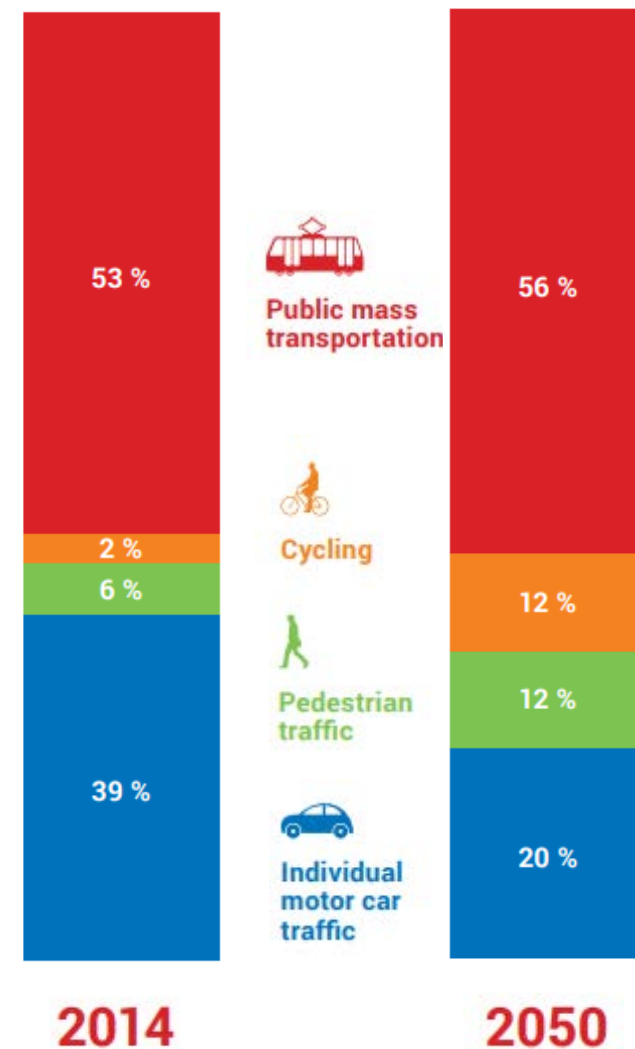
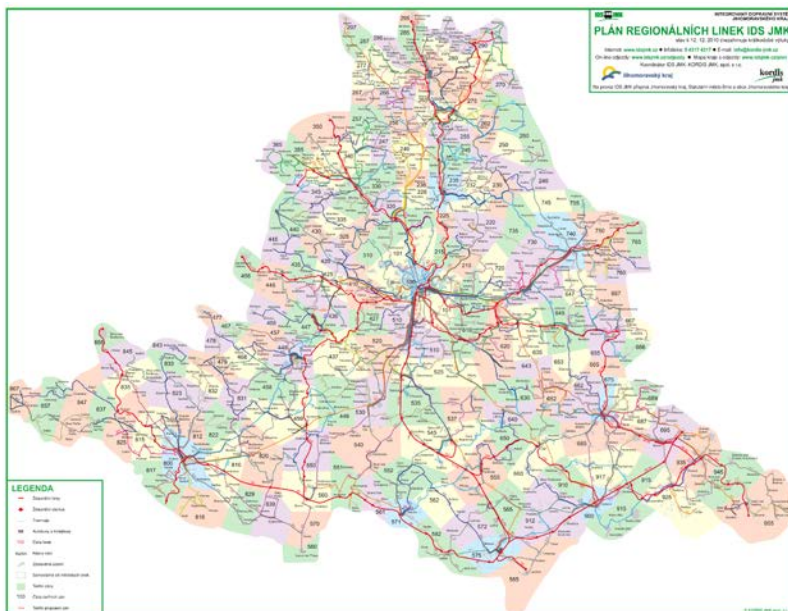
# Mobility in Brno

## Specifics and challenges



## 1. High share of public transport in modal split

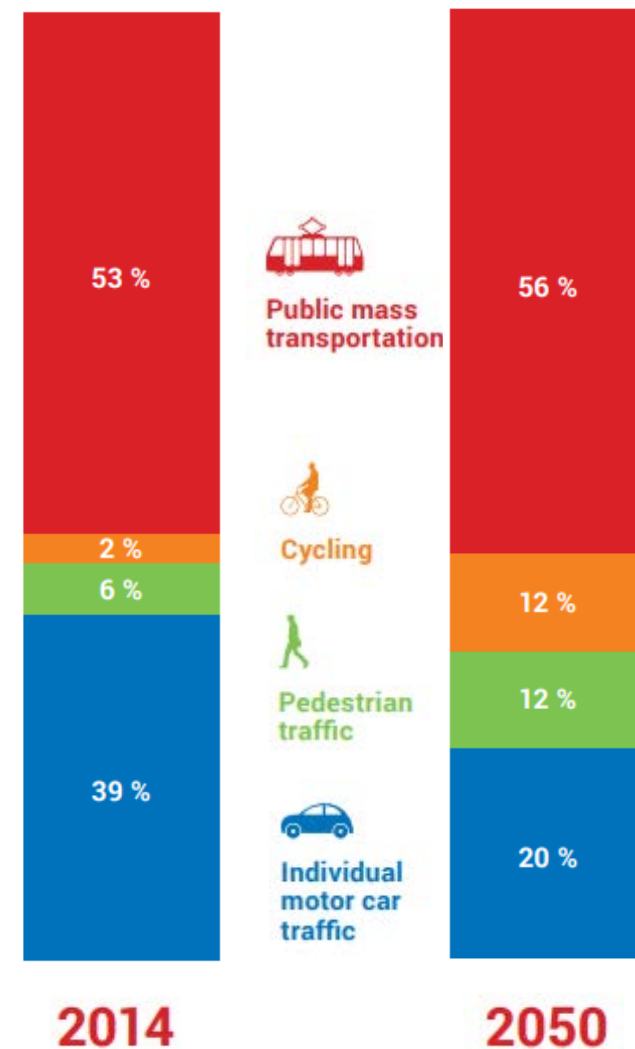
- Tradition
- Lot of public transport modes
  - Trams, trolleys, buses (mostly CNG), regional trains, boats, *cableway*
- One ticketing system for the whole region
- The price of annual pass – 0,5 € per day





## High share of public transport in modal split

- The capacity of network is almost full
  - New tram lines (backbone of the network)
  - Underground tram corridor
  - Development of urban train system

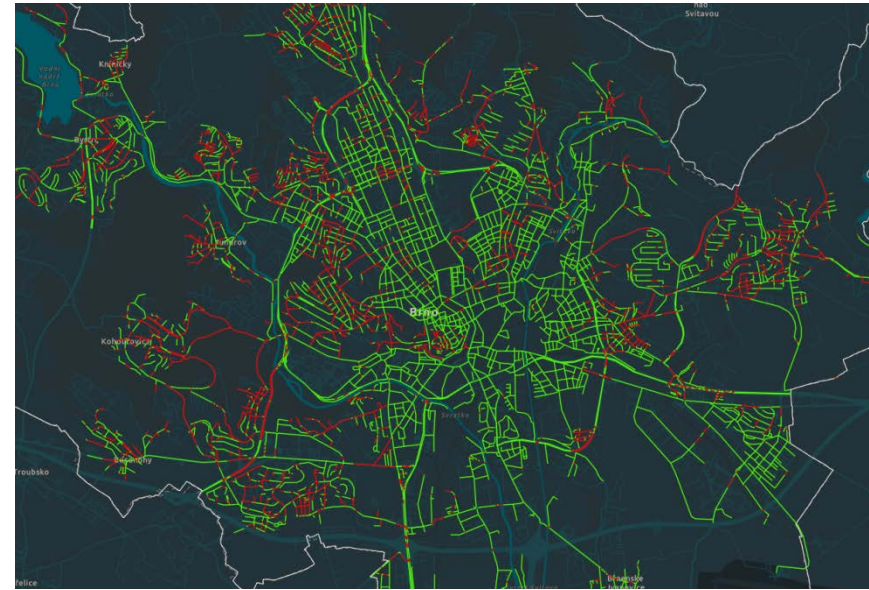


2014

2050

## 2. Low share of cycling in modal split

- Brno is a hilly city
  - 27 % of steep climbs (> 4 %)
  - Supporting of bikesharing, e-bikes and e-scooters.
- Insufficient cycling network
  - 136 km
  - fragmentation of the paths
  - 0,0006 % of city budget for transport
  - Increasing the budget for cycling infrastructure.





### 3. Incomplete infrastructure for transit transport

- Underdevelopment of the south-north road corridor
- Incomplete city ring road





### 3. Incomplete infrastructure for transit transport

- A lot of transit in an inner city
  - Air pollution
  - Obstacle for sustainable mobility solutions
- Completing of the city circuit
- Building of proper south-north road corridor
- Restrict transit transport in inner city

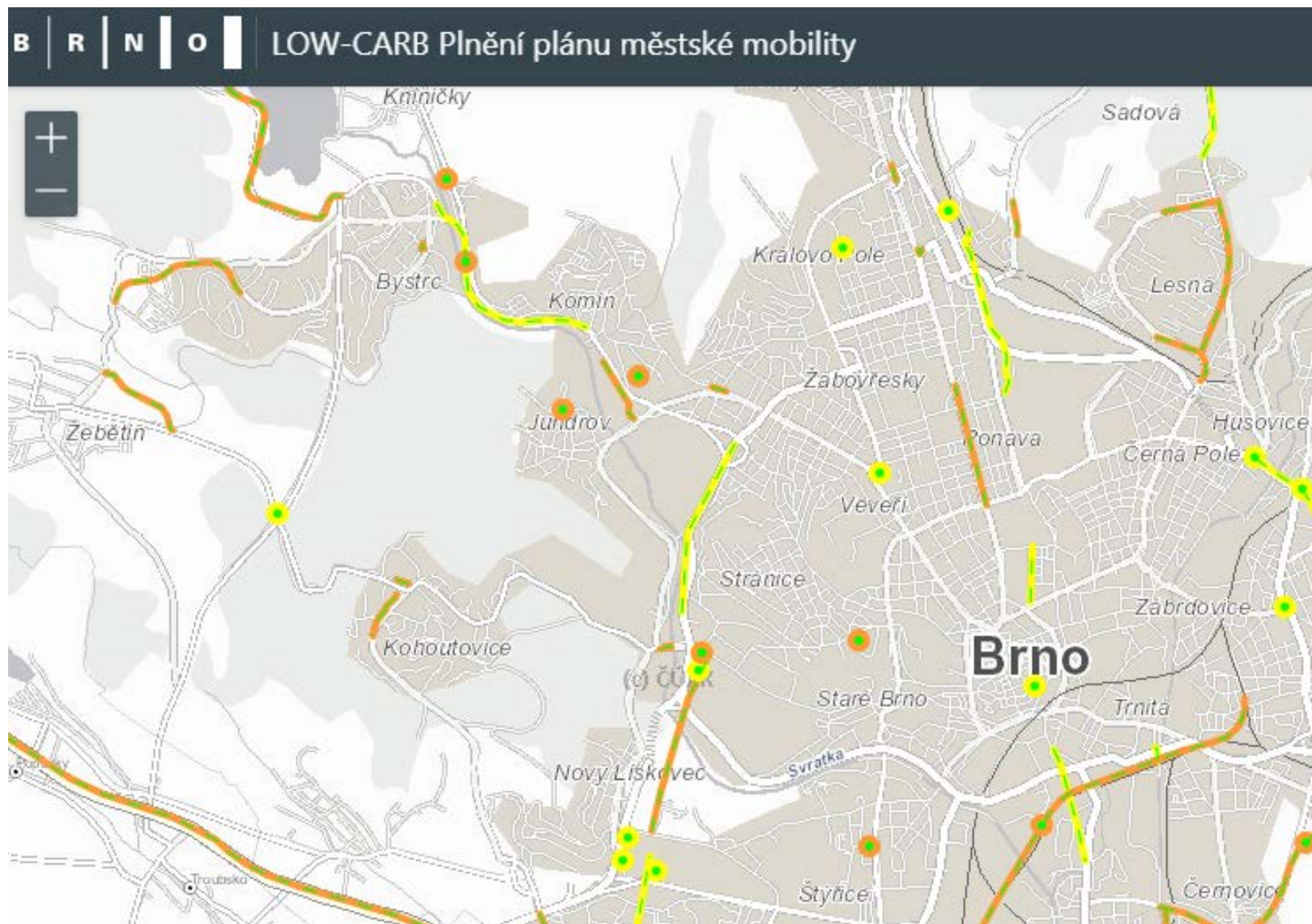


## 4. Low participation of the residents

- No tradition of residents involvement in mobility planning.
- Strong emphasis on residents participation during the SUMP preparation
  - CH4ALLENGE project (2013 – 2016)
    - Workshops, public hearings, round tables,...
  - Interreg LOW-CARB (current)
    - GIS App for the implementation of SUMP
    - Residents will be able add ideas and new projects for Action Plan.



## PLÁN udržitelné městské mobility města Brna





## 5. Too many owners and administrators in mobility

- Every class of the roads have other owner and administrator.
  - State, Region, City, District, city companies
- Problematic points:
  - Crossroads
  - Sidewalks
- The good coordinations is necessary
  - Position of city coordinator
  - Memorandums with other owners about mutual cooperation



# Thank you for attention!

Lukáš Báča

[baca.lukas@brno.cz](mailto:baca.lukas@brno.cz)

Urban Mobility Unit

Department of Transport

Municipality of Brno

[www.mobilitabrno.cz](http://www.mobilitabrno.cz)

