

Combining everyday cycling and leisure: complimentary or challenging?

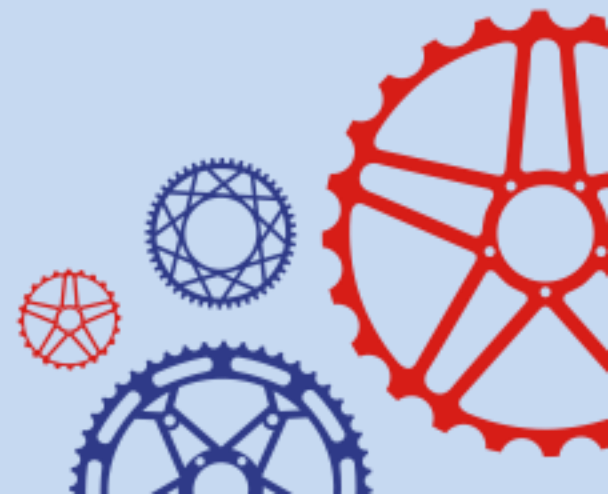
EuroVelo 6 route and greenway "Rákos-stream" in Budapest

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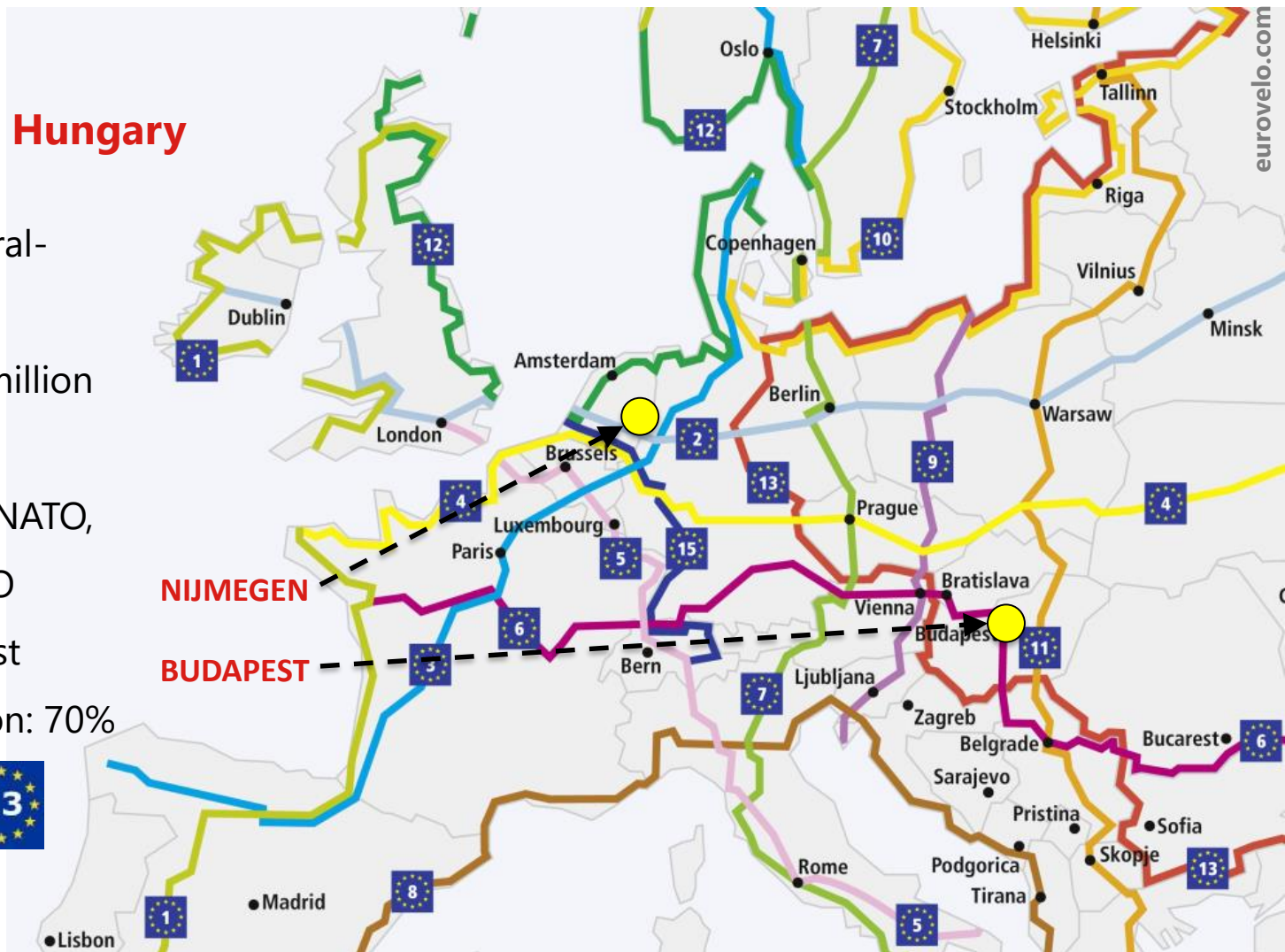
BKK Centre for Budapest Transport

16 June 2017, Nijmegen



1 | Introduction: Hungary

- Located in Central-Eastern-Europe
- Population: 10 million people
- Member of EU, NATO, OECD, IMF, WHO
- Capital: Budapest
- Urban population: 70%

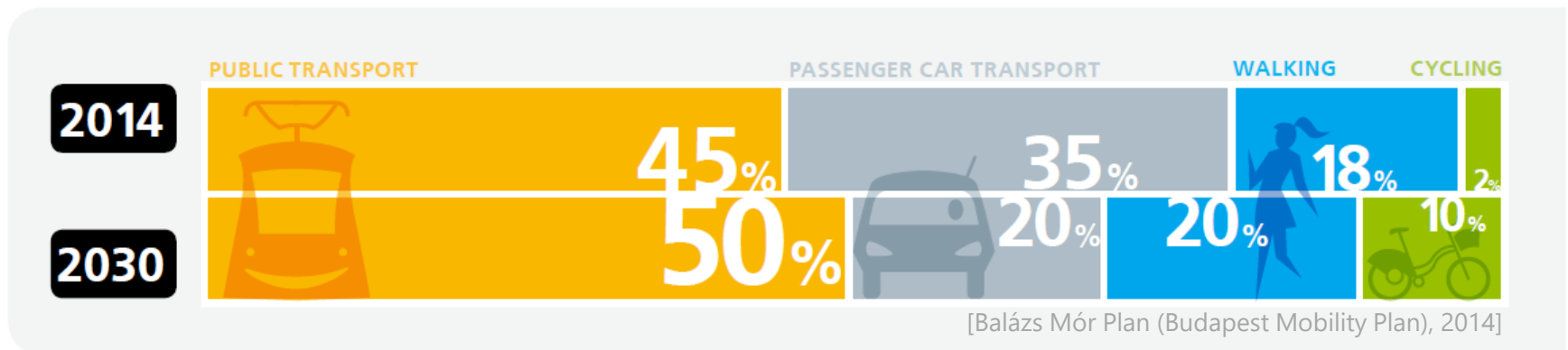


1 | Introduction: Budapest

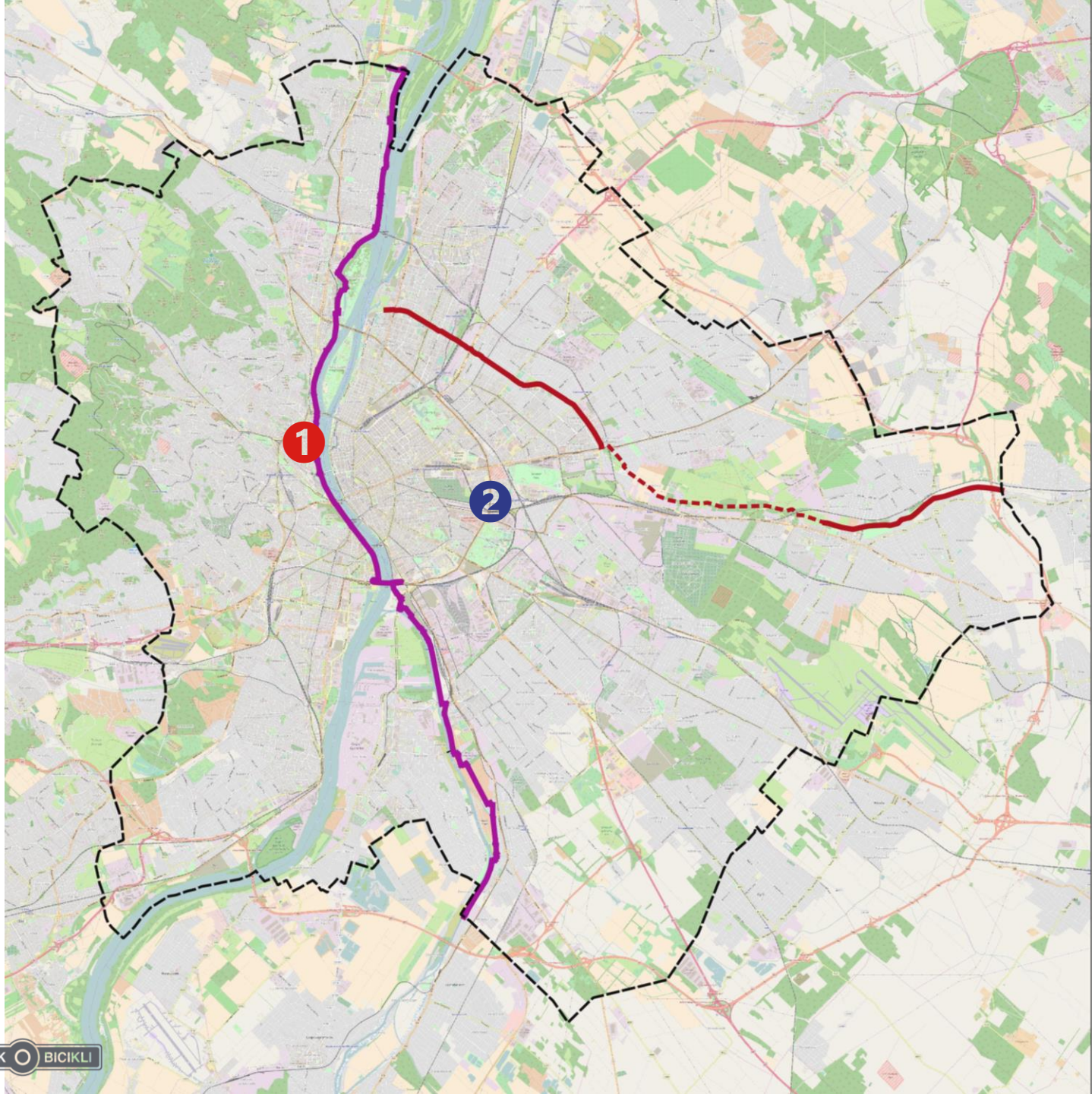
- 525 km²
- 1,7 million inhabitants + 0,7 million daily commuters
- 4 700 000 trips per workday
- 100 000 trips by bike per workday (daily av.)
- 2 000 trips by bike sharing per workday (daily av.)

MODALSPLIT

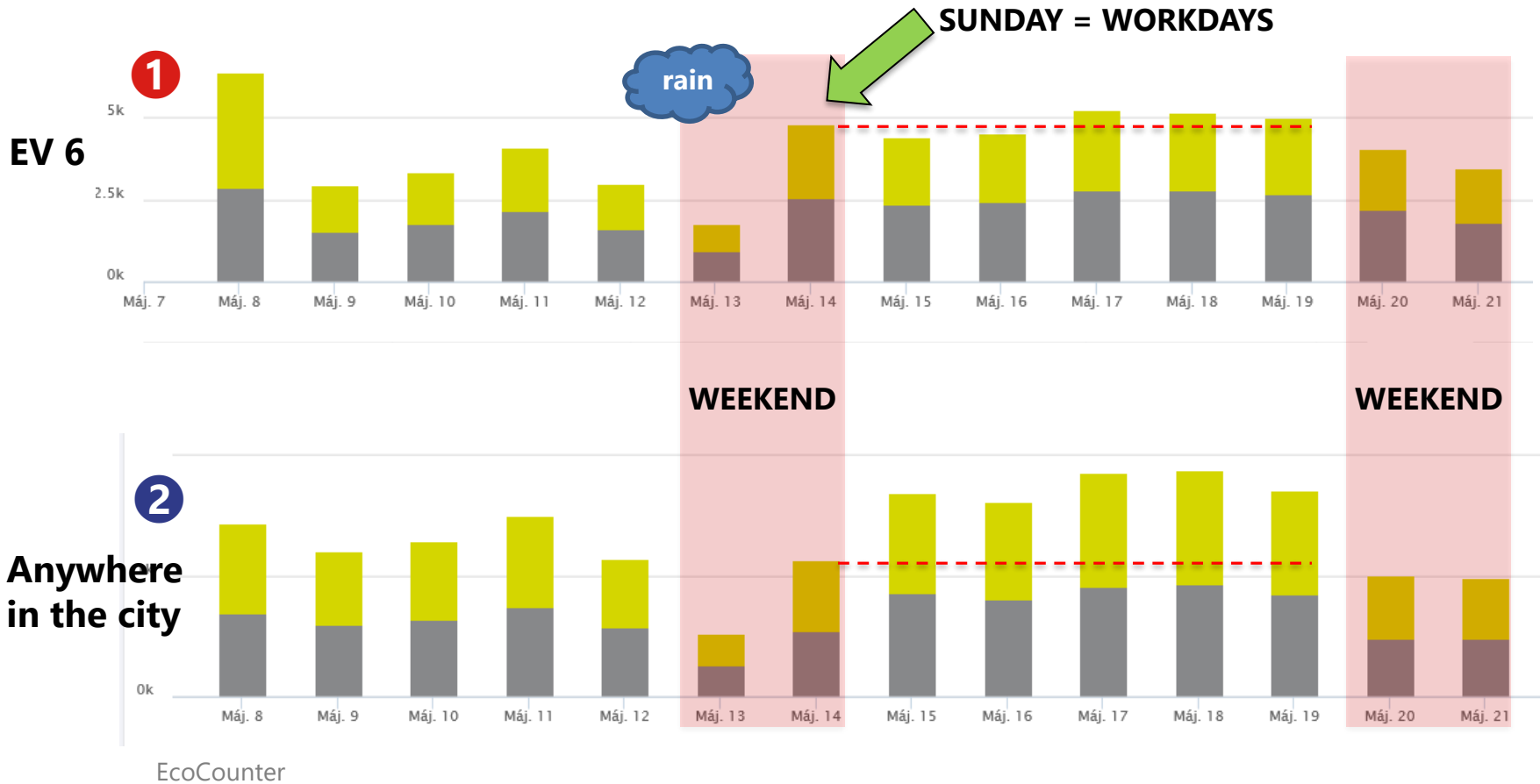
figures with the current and estimated values



2 | **Overview**

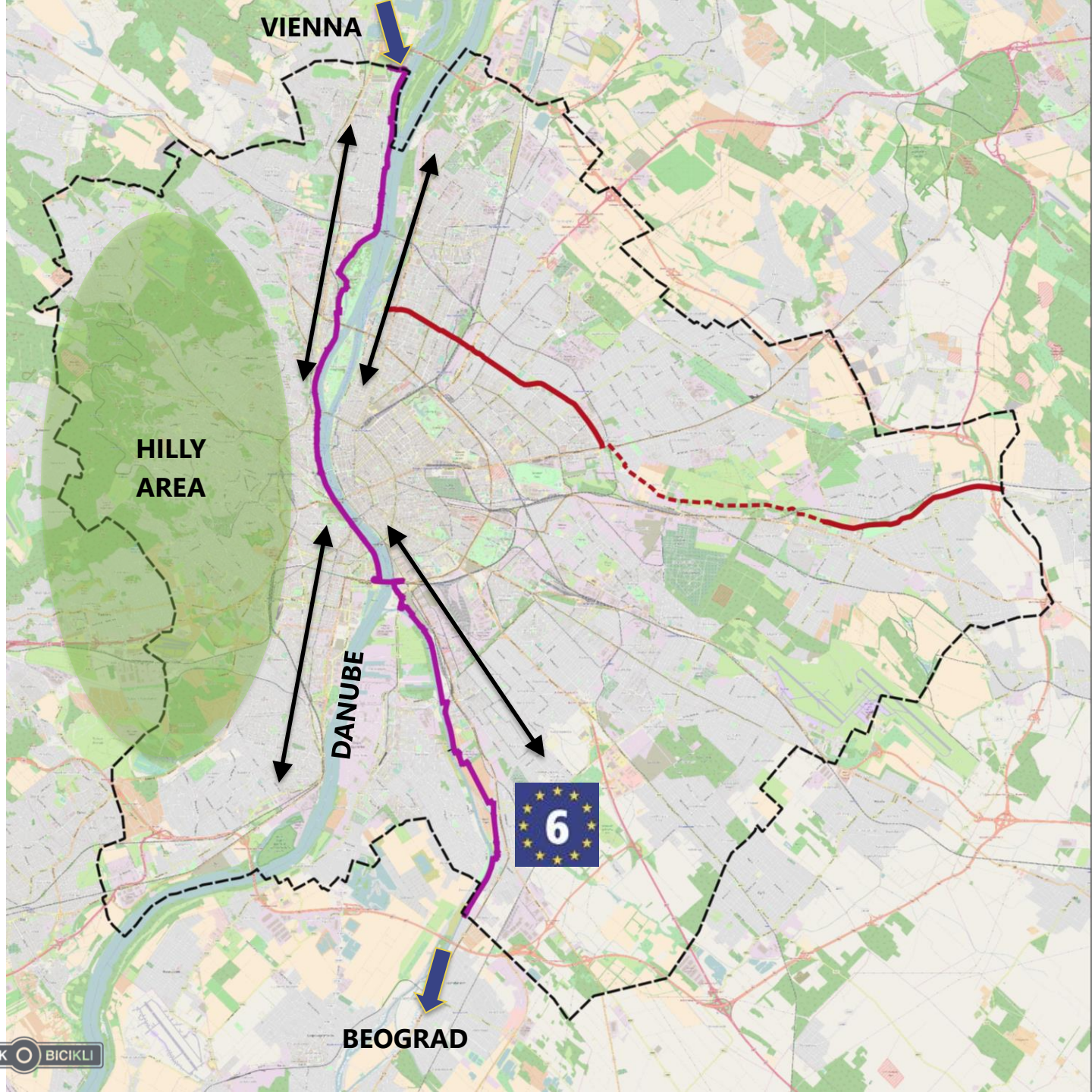


2 | Overview: traffic counter data



3 | **EuroVelo 6**

- Diagonal route



3 | **EuroVelo 6: challenges and solutions**

Challenges

- Narrow corridor surrounded by hills and the Danube river
- High volume of traffic is saturated in this corridor
- Walking and cycling on common surfaces

Solutions

- Segregate commuting and leisure cycling
- Encourage co-working of leisure cycling and walking

3 | **EuroVelo 6**

Heritage of 1990's: common surface for tourists, walking, cycling



3 | **EuroVelo 6**

Solution: cycle lane for commuter cyclists on the parallel street



3 | EuroVelo 6

Solution: encourage co-working of walking and leisure cycling



3 | EuroVelo 6

Solution: segregate walking and cycling, no need for crossing tramway



3 | EuroVelo 6

- ✓ Solution: segregate walking and cycling



3 | EuroVelo 6

Solution: Segregate walking and cycling, cycle track crosses tramway



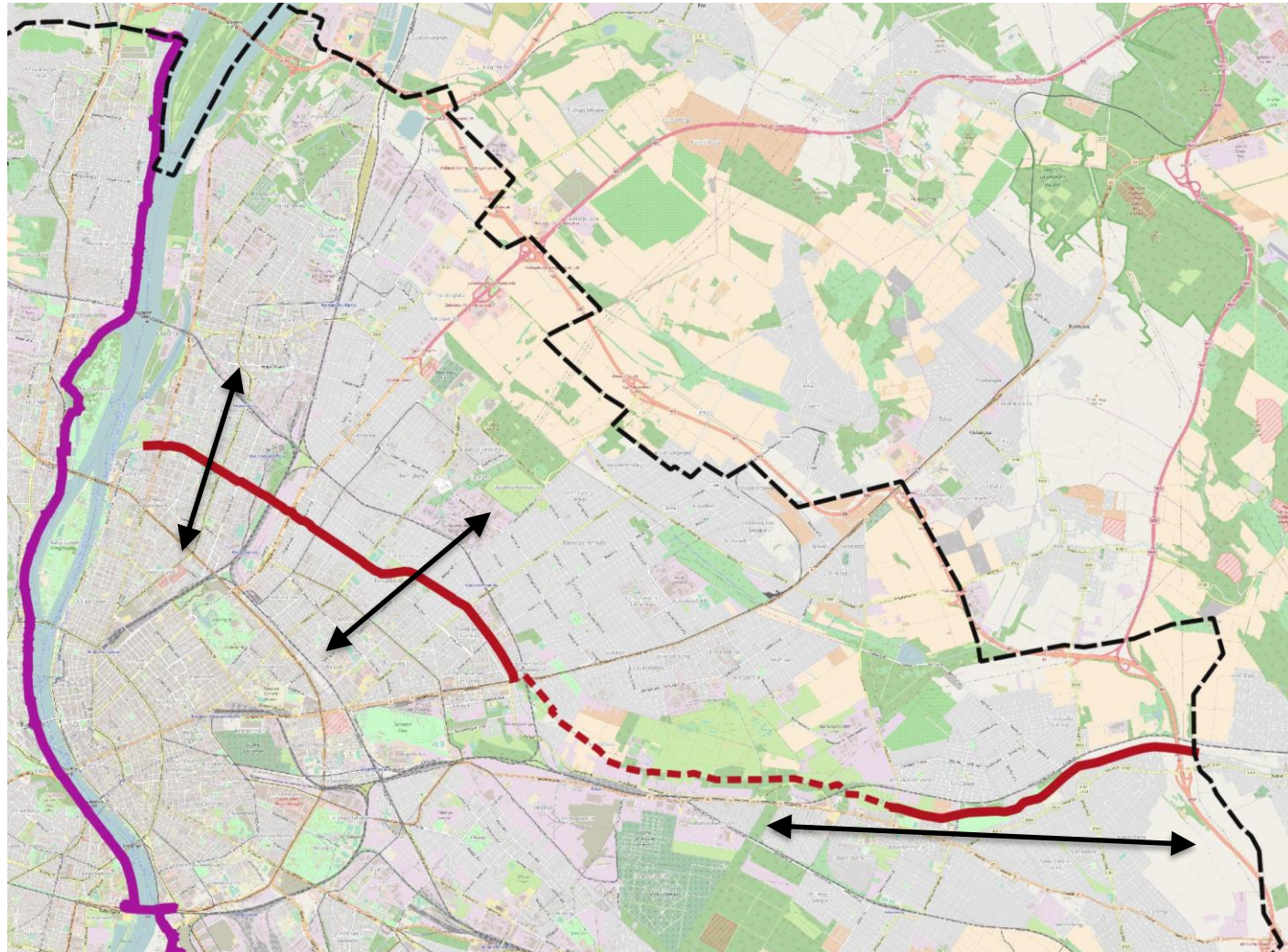
3 | EuroVelo 6

Not realistic



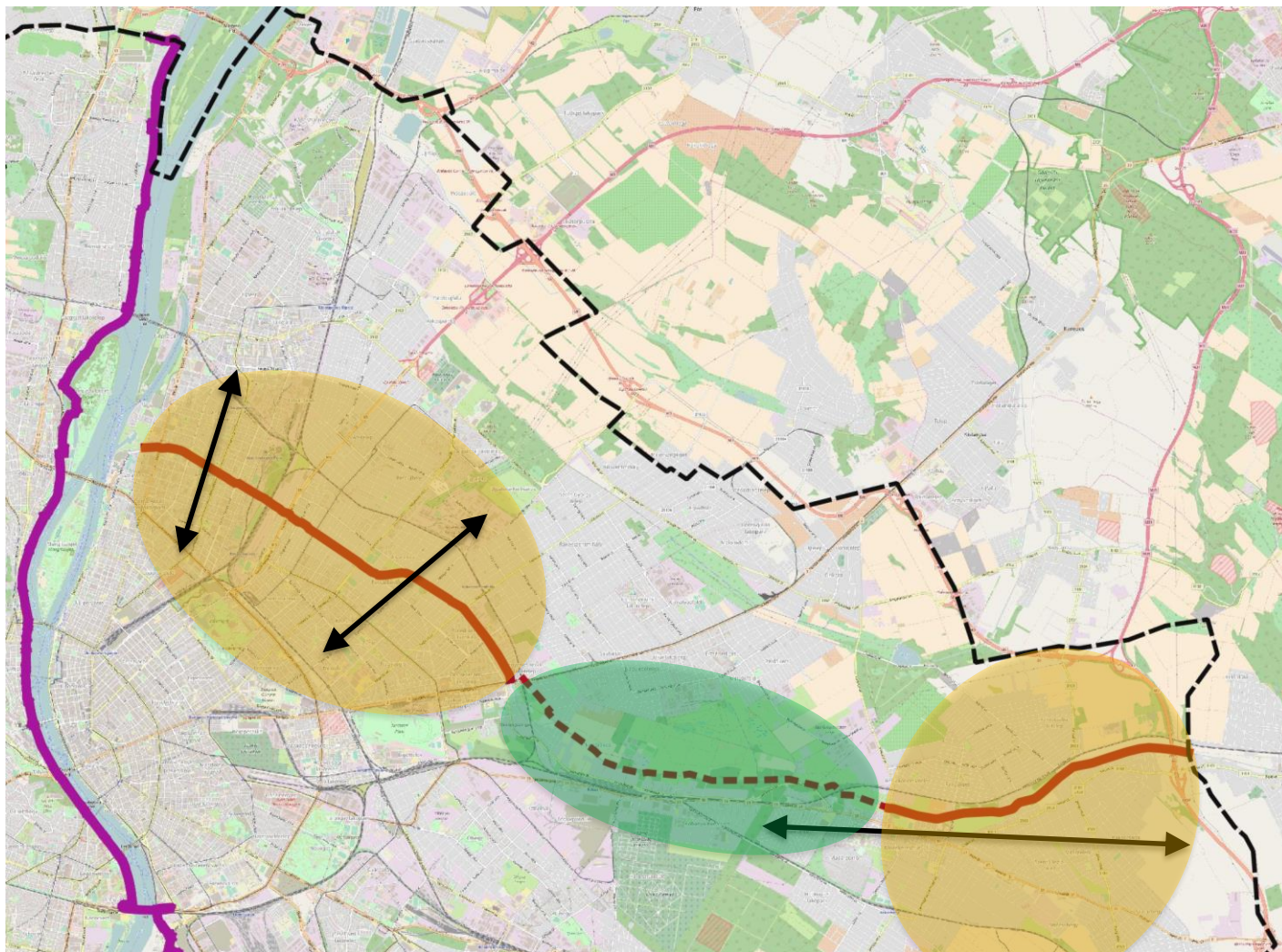
4 | Greenway "Rákos-stream"

- Different role of the route in the urban structure
- Commuting along radial direction
- Leisure cycling along traverse direction
- Junctions



4 | Greenway "Rákos-stream"

- high population density
- urban greenway
- low population density
- classic greenway



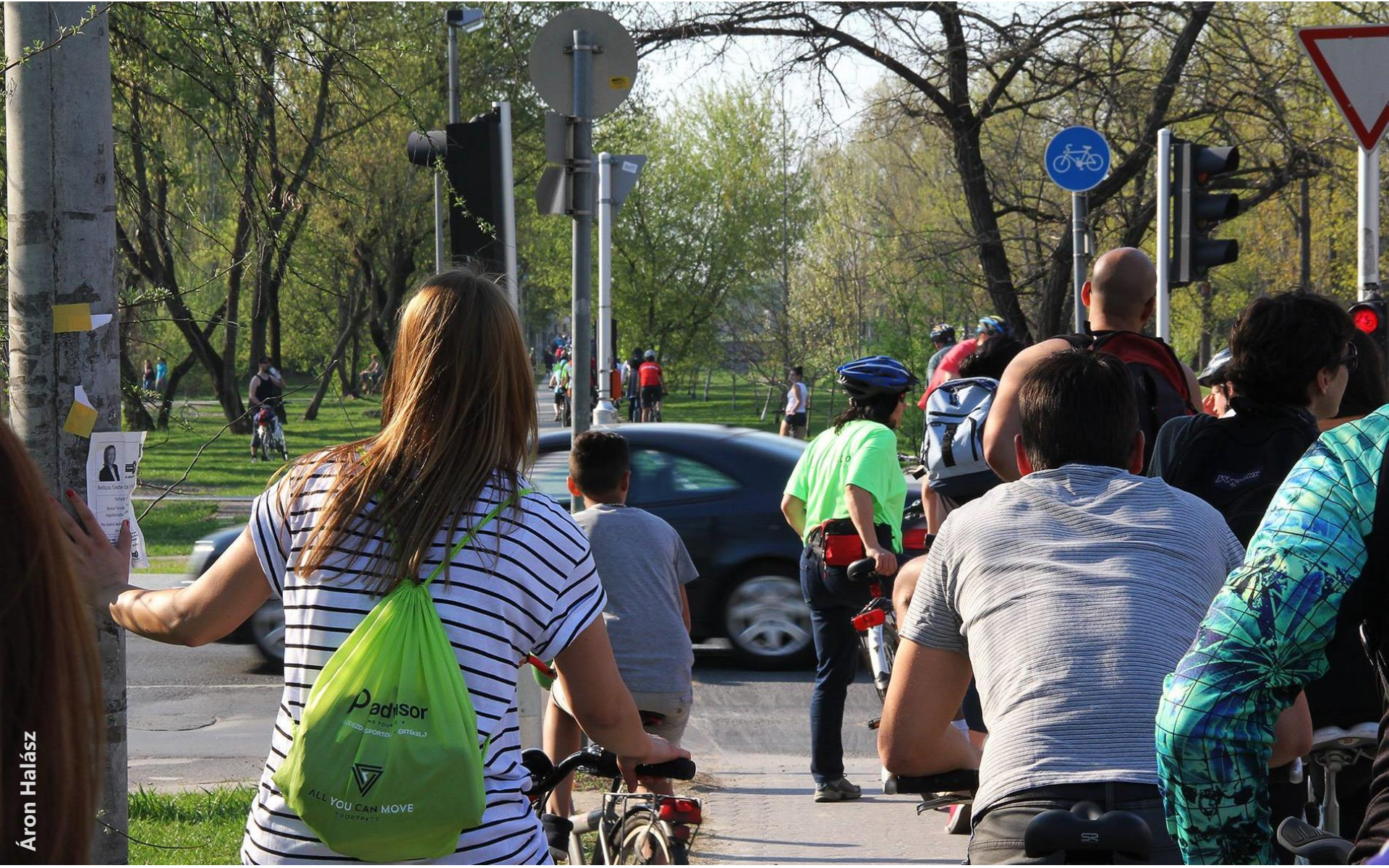
4 | **Greenway "Rákos-stream"**

High demand for different purposes



4 | Greenway "Rákos-stream"

Junctions: commuting traffic (radial) and leisure cycling (traverse) meet



4 | Greenway "Rákos-stream"

Current situation: environmentally protected area



4 | Greenway "Rákos-stream"

Current situation: overused and packed on weekends



4 | **Greenway "Rákos-stream": Challenges and solutions**

Challenges

- A narrow cycle track used by leisure cycling, commuting, walking, nordic walking, running, roller skating, (horse riding)
- Junctions: commuting traffic (radial) and leisure cycling (traverse) meet

Solutions

- Deployment of „urban greenway“ – not a linear park anymore, embedded in the urban structure with more functions
- Segregate walking and cycling
- Planned solution in environmentally protected area: classic greenway, environmental friendly pavement
- Based on studies planning is scheduled to start this year

4 | Greenway "Rákos-stream"

Studies: urban greenway



4 | Greenway "Rákos-stream"

Connection to EuroVelo 6



5 | Keynotes

- Complex approach including urban planning and landscape architecture
- EuroVelo: commuter cyclists prefer sightseeing route despite time losing
- Rákos-stream: deployment of "urban greenway" sections

**VELO ARNHEM &
CITY NIJMEGEN**
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Thank you for your kind attention!

