

# ***BikeACCESS***

## **INTERNATIONAL SUMMER SCHOOL**

Ljubljana, September 2024

**Group: 1**

**Home Location: SŠ6 Šiška**

**Mentor: Agnieszka Włoch-Szymła**

**Participants: Tara Klevišar, Mihajlo Đorđević, Emel Šarvala,  
Weronika Skitał, Marija Damjanović**



**FGG**

UNIVERZA V LJUBLJANI  
Fakulteta za gradbeništvo in geodezijo

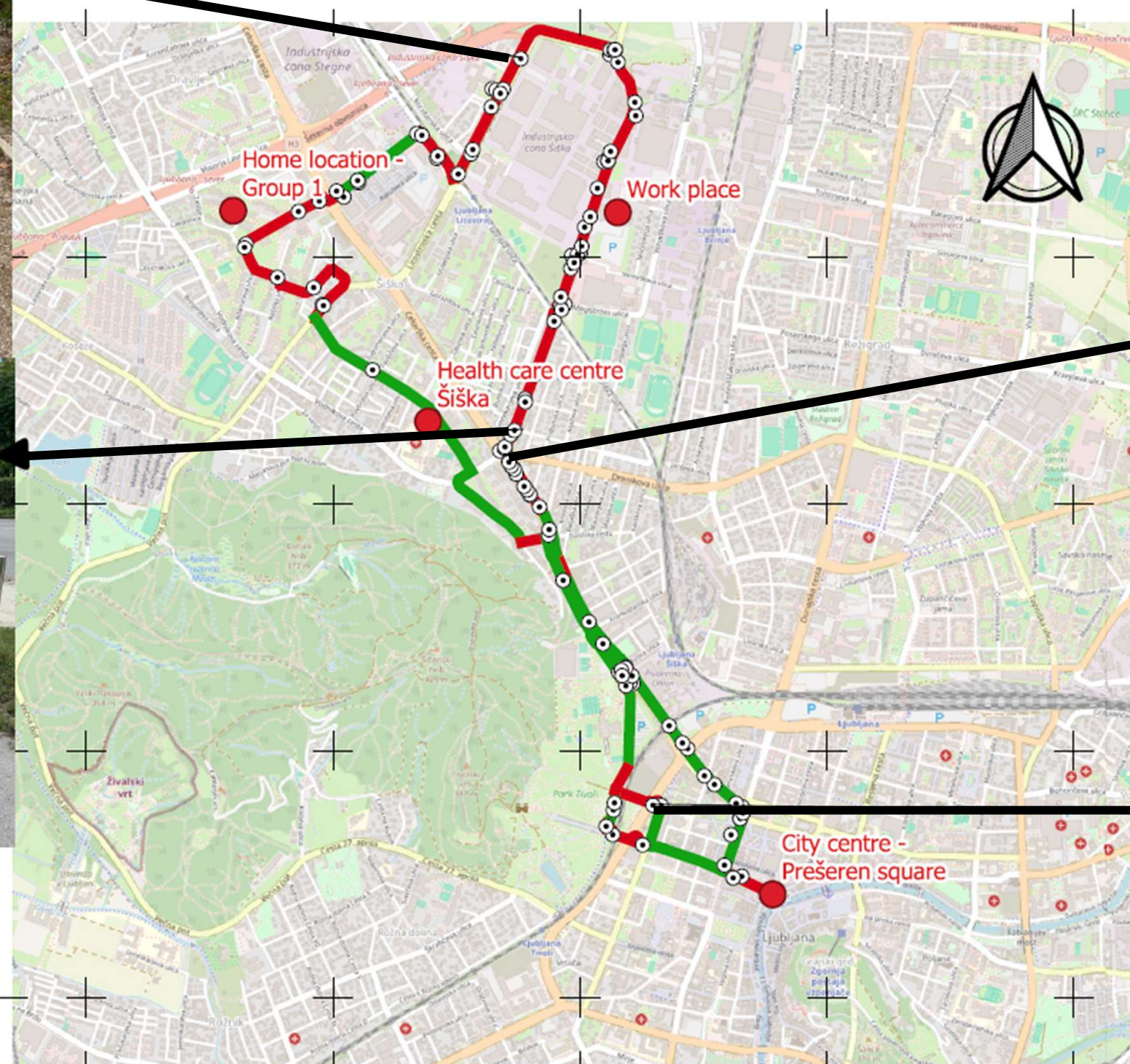
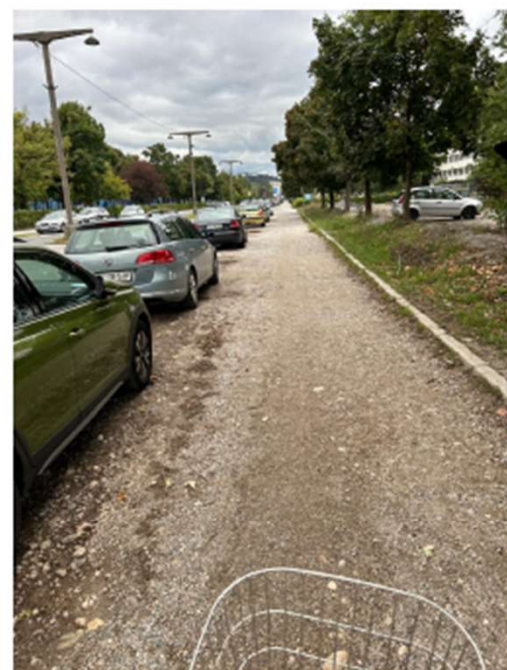


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MINISTRY OF THE ENVIRONMENT,  
CLIMATE AND ENERGY

## Dangerous places for Group 1 Route



● Locations Group 1

Cycling route

— No

— Yes

OSM Standard

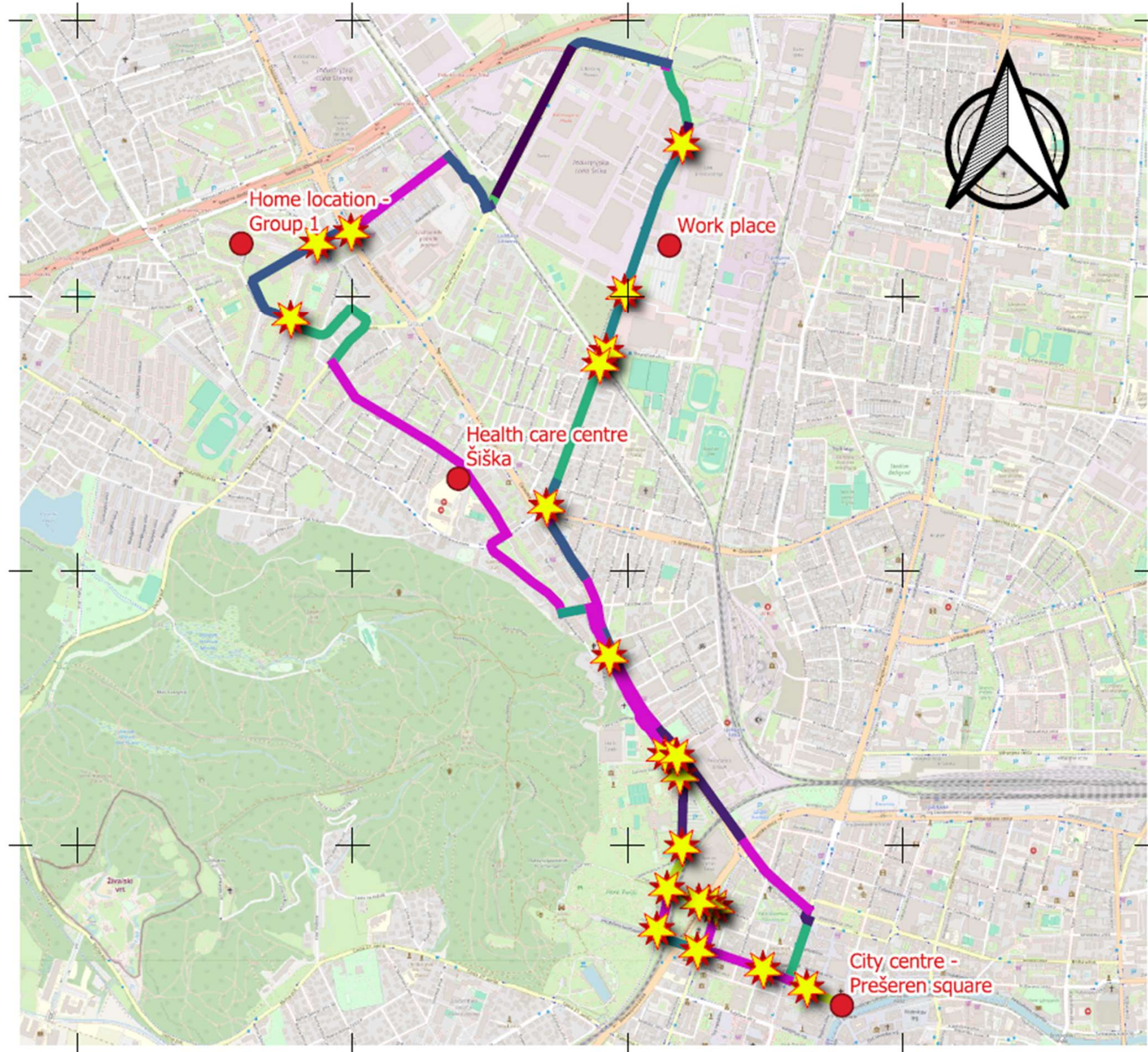
⊙ Places where we collected data

0 0,5 1 1,5 2 2,5 3 3,5 4 4,5 5 5,5 6 6,5 7 7,5 8 8,5 9 9,5 10 km

# Types of Dangers on Group 1 Route

- Locations Group 1
- Cycling route
- Conflict with motor traffic
- Crowded areas
- Curb
- Damaged cycling track
- Limited visibility
- Missing, incorrect or unclear signalisation
- Narrow cycling track
- No cycling track
- Obstacle
- Steep slope
- Not Dangerous
- ★ Problematic spots

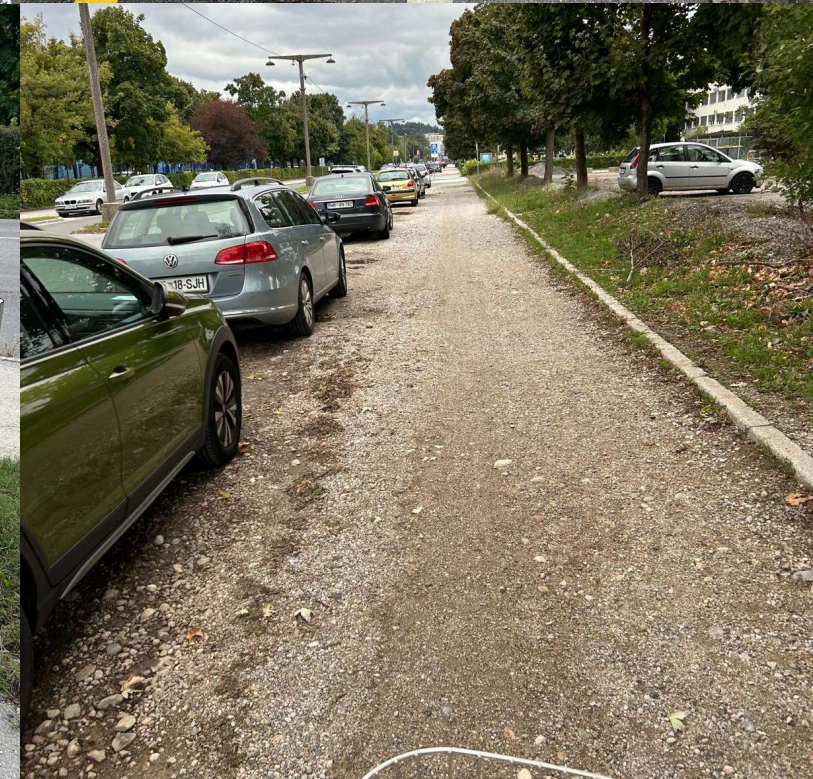
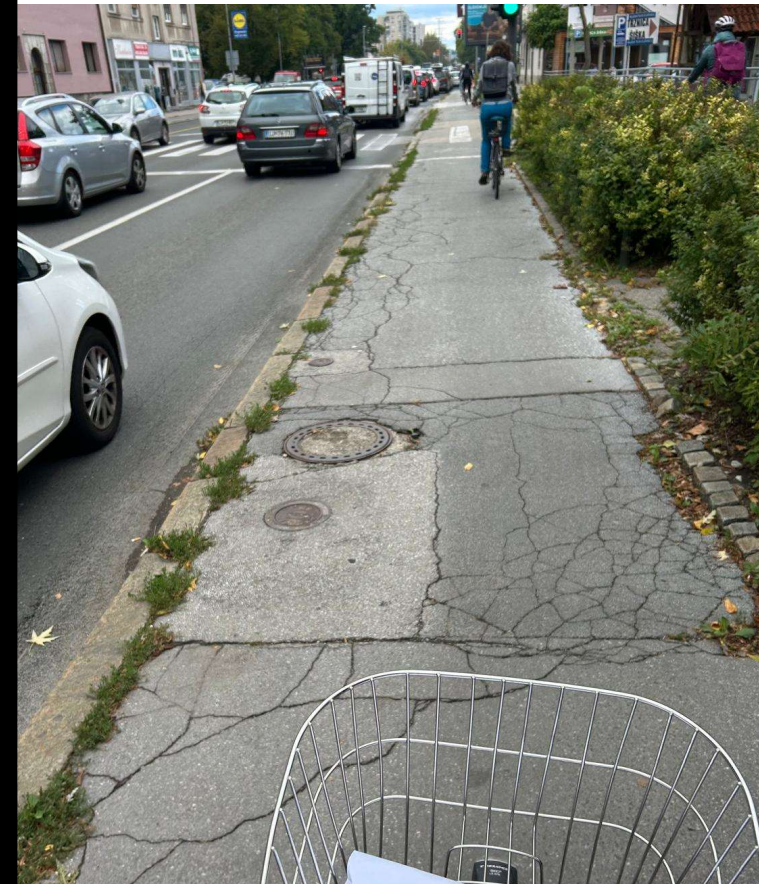
0 0,25 0,5 0,75 1 1,25 km



# Dobre prakse



# Slabe prakse



# Swot analysis

## Strenghts

- mostly flat terrain all over Ljubljana;
- the roads are in good condition;
- Well connected to the city center by Celovska cesta;
- cycling culture;
- support from authorities;
- bike sharing system and Park and ride system;

## Weaknesses

- no space for new infrastructure in the city centre;
- poorly maintained infrastructure on sidewalks;
- too narrow bike paths;
- lack of tactile paving for the visually impaired;
- missing signalization; lack of sound signals ;
- not enough safe lanes for people with disabilities;
- bike lanes end unexpectedly;
- no water fountains or repair shops;

## Opportunities

- improvements of the infrastructure around the city;
- raising awareness in public about different kinds of disabilities;
- opportunity for 15 minutes city;
- bike and ride system including more systems for people with disabilities;
- new technology; cycle tourism;
- improvement of safety standards; better maps for

## Threats

- limited funding for cycling infrastructure outside the city center;
- conflicts between road users;
- lack of safety measures;
- users dont feel safe driving close to the cars;
- lack of awareness for different needs of people;
- vandalism and theft of bike system or infrastructure;

# Propositions for solutions

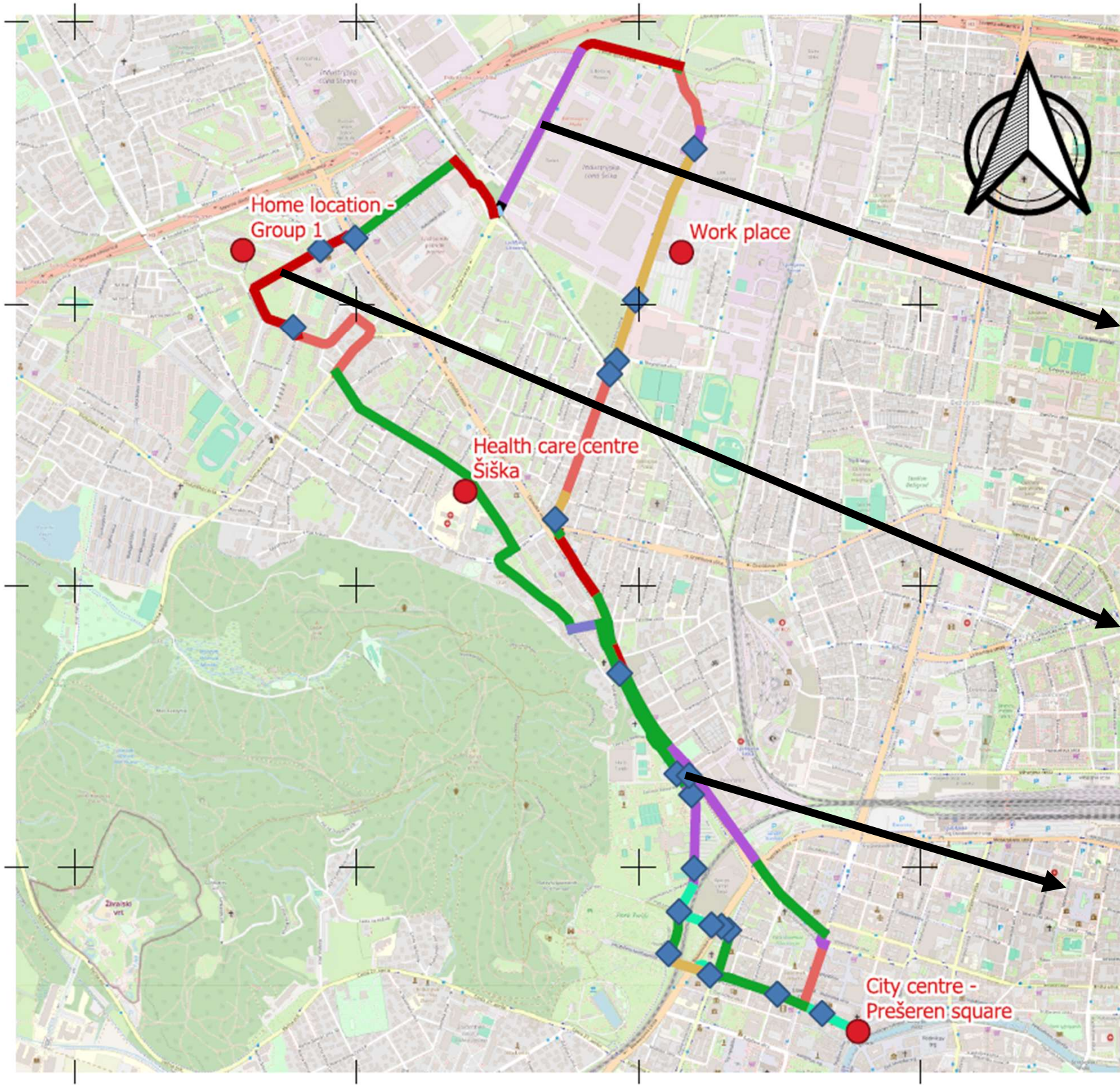
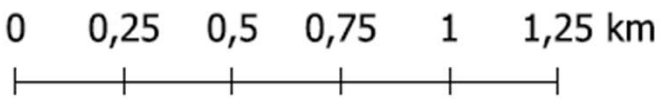
Main goal - safe cycling for everyone!

- lower the high curbs;
- install clear markings, barriers, sound signals;
- provide maps and apps;
- more bike-sharing stations;
- enhance lighting and add tactile paving;
- widen existing bike paths where that's possible;
- create bike paths dedicated to people with disabilities;
- free repair bike spots;
- develop a network of safe bike parking spots;
- install surveillance cameras in bike parking areas;
- educational programs in schools;
- create awareness campaigns and workshops on cycling;
- collect input from disabled communities to address their specific needs;



# Types of Solutions on Group 1 Route

- Locations Group 1
- Cycling route
  - Separated Bike Path
  - Lowered Curb
  - Repaired Cycling Track
  - Improved Signalisation
  - Widened Cycling Track
  - New Cycle Track
  - Removed Obstacle
  - Lowered Slope
  - No Necessary Changes
- ◆ Places to take action



# Conclusion

- Bike paths need to be safer for everyone;
- It's necessary to create a cycling network by connecting the existing bike lines;
- Add adapted roadmaps for cyclists with special needs;
- Different paving in the downtown area for safety especially in public places.



**Thank you for your attention!**

<https://bicycledutch.wordpress.com/2014/05/15/denbosch-before-and-after/>

<https://cyclehighways.eu/index.php?id=213>

[https://www.freepik.com/premium-photo/sustainable-transport-blue-road-sign-signal-bicycle-lane-road-bike-with-green-trees\\_117574589.htm](https://www.freepik.com/premium-photo/sustainable-transport-blue-road-sign-signal-bicycle-lane-road-bike-with-green-trees_117574589.htm)

<https://www.allaboutvision.com/resources/tactile-paving/>

<https://www.visitljubljana.com/en/visitors/travel-information/getting-around/bicikelj/>

<https://bicycledutch.wordpress.com/2012/12/06/who-else-benefits-from-the-dutch-cycling-infrastructure/>

<https://cyclingfallacies.com/en/6/people-with-physical-disabilities-can%E2%80%99t-cycle>