



Local approach to transport decarbonization

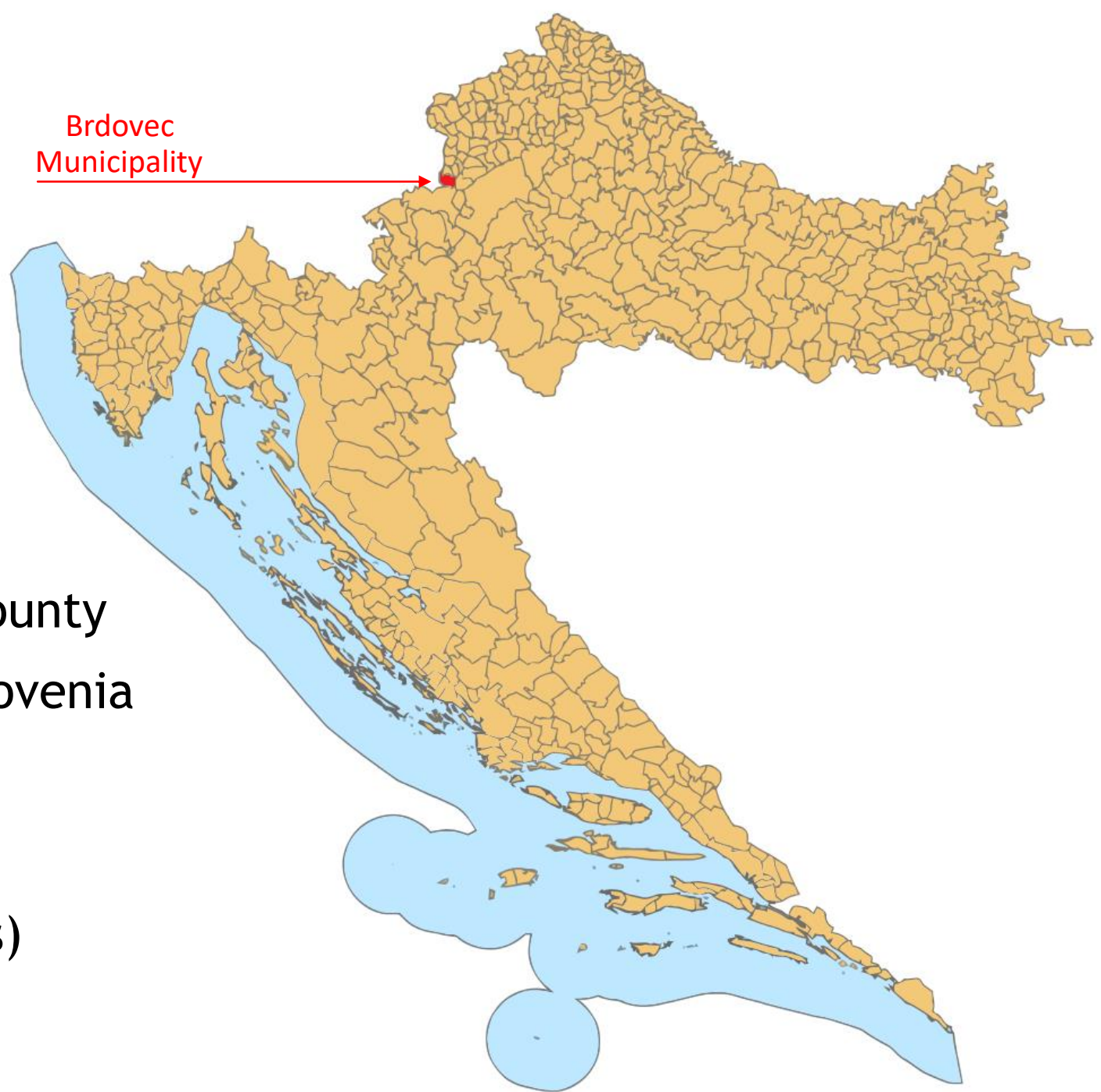
Municipality of Brdovec

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Municipality of Brdovec
EU Funds Associate



Brdovec
Municipality

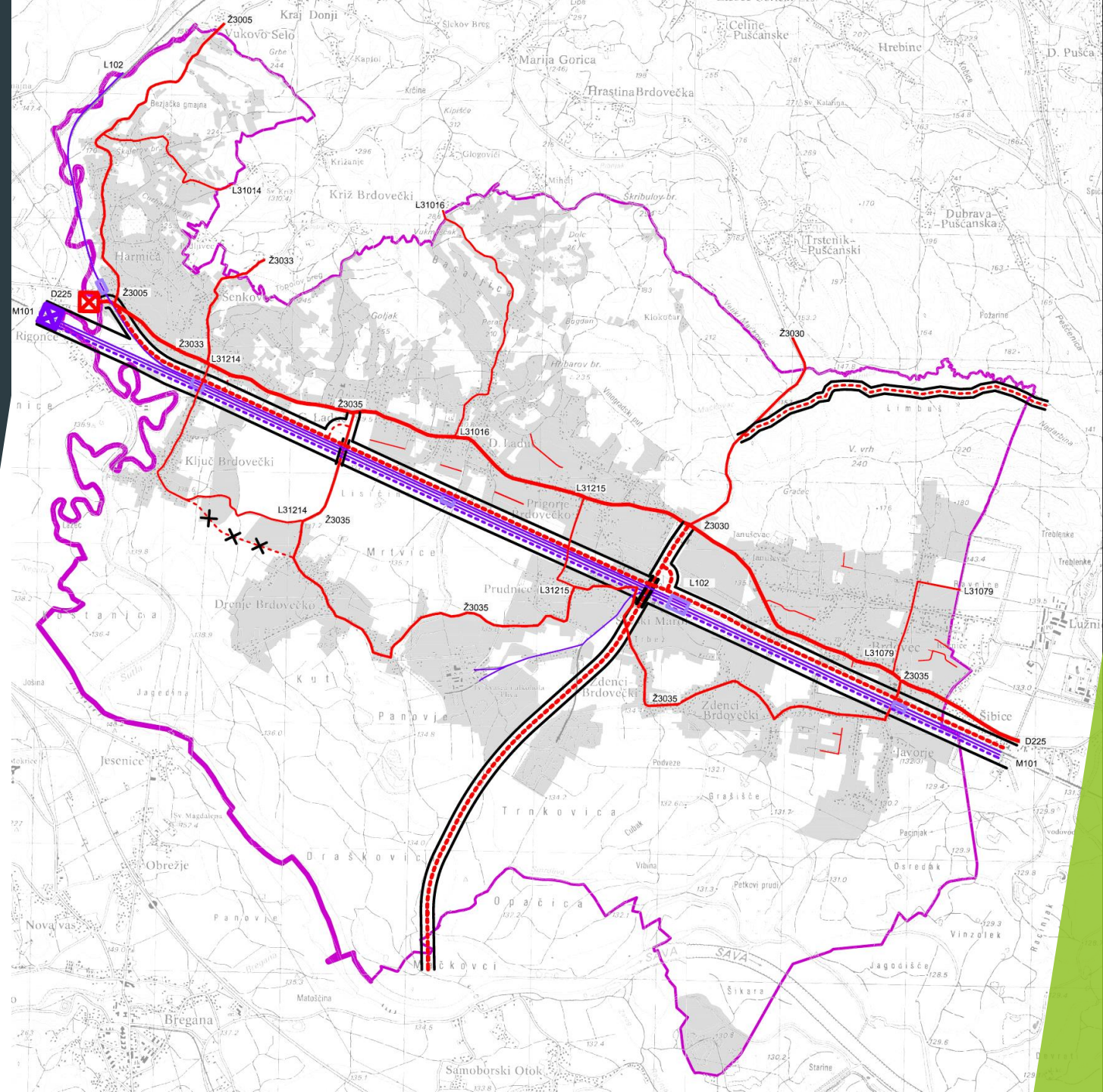


- ▶ Northwestern part of Zagreb County
- ▶ Borders with the Republic of Slovenia

- ▶ Area: 37,6 km²
- ▶ Population: 11.134 (2011 Census)

Transport corridors

- ▶ RH1: Ljubljana - Zagreb international railroad
- ▶ D225: Zaprešić - Harmica state road
- ▶ D?: Prigorje Brdovečko - Bobovica state road (planning phase)



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Zelenomobilni Brdovec

- Sustainable Urban Mobility Plan (SUMP)
- strategic plan designed to satisfy the mobility needs of people and businesses in Brdovec for a better quality of life
- builds on existing planning practices and takes due consideration of integration, participation, and evaluation principles
- special scope is given to local context, needs of the local population, and regional context (Brdovec as part of the wider Zagreb area)



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Contents of the study:

- ▶ Analysis
- ▶ Concept of new green sustainable mobility
- ▶ Implementation Plan
 - ▶ *proposing 20 actions*
 - ▶ *investment of estimated 120 million HRK (16 million EUR)*



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Implementation plan

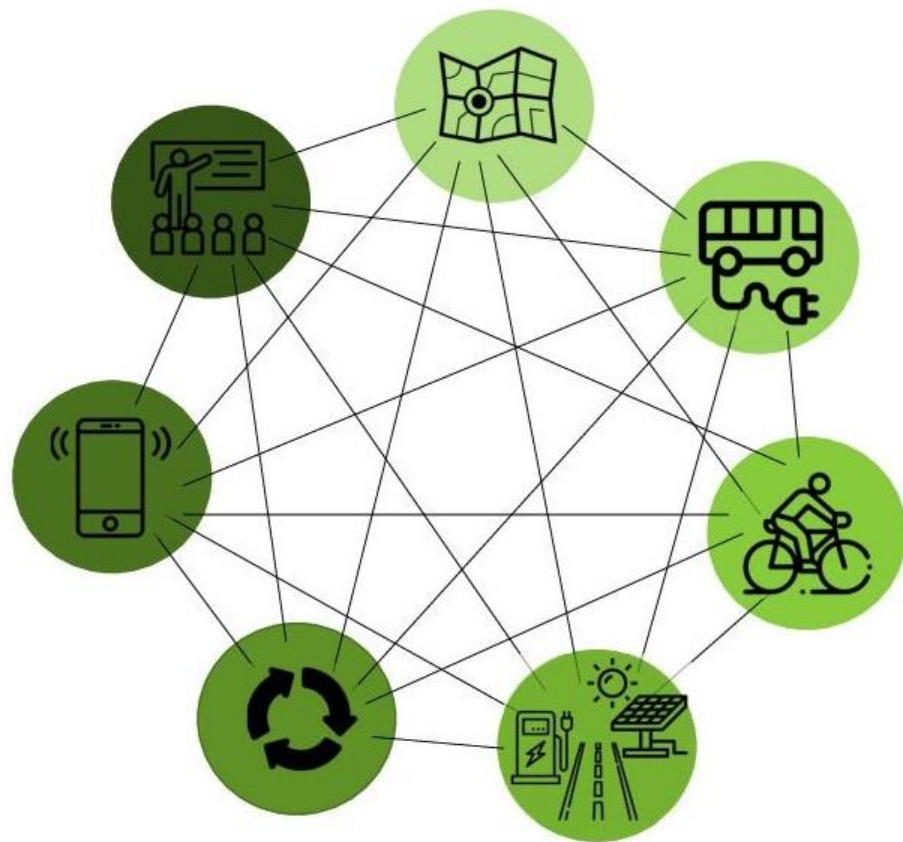
1. *Establishment of public bus transport with electric buses,*
2. *Creation of cycling infrastructure and a network of bicycle routes*
3. *Transport infrastructure and green energy with new mobility models*
4. *Connecting elements (integration, informatization, digitalization, communication, education)*

Estimated implementation period: at least 48 months



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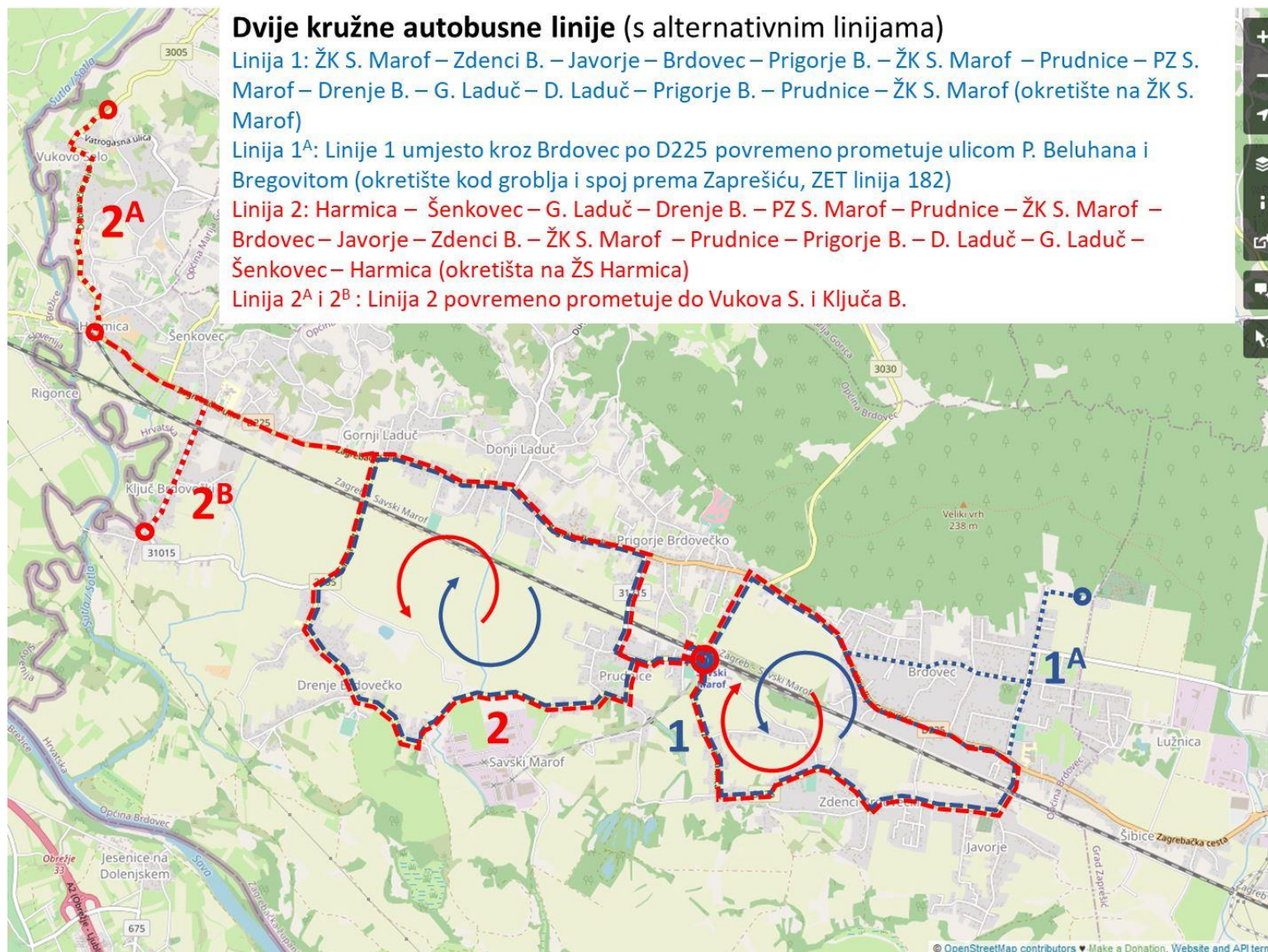
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Proposed action plan

Action number	Action name	Duration (months)	Investment estimate (EUR)
M1	Introduction of public bus line transport within the Municipality of Brdovec with electric buses	18	3.715.274,67
M2	Introduction of public bus line transport on the route Savski Marof - Zaprešić with electric buses	25	542.976,00
M3	Introduction of special transport for people with special needs and people with disabilities	7	164.430,00
M4	Adaptation of existing traffic corridors for better functioning of bicycle traffic by construction of roads for mixed traffic	15	3.670.260,00
M5	Construction of bicycle paths in existing traffic corridors	7	172.550,00
M6	Planning the construction of bicycle paths in the new traffic corridors	11	669.666,67
M7	Construction of bicycle roads	11	984.480,00
M8	Construction of bicycle roads in the railway corridor	13	799.892,67
M9	Construction of pedestrian paths in road corridors	36	1.226.633,33
M10	Interventions in road infrastructure to address critical points in traffic	19	812.713,33
M11	Implementation of Park & Ride and Bike & Ride systems at the intermodal node Savski Marof	24	2.198.940,00
M12	Implementation of Park & Ride and Bike & Ride systems at the intermodal node Harmica	12	154.800,00
M13	Implementation of Park & Ride and Bike & Ride systems at the intermodal node Brdovec	12	304.680,00
M14	Introduction of BikeShare system	6	224.758,67
M15	Implementation of infrastructure for charging electric passenger cars	15	91.666,67
M16	Introduction of CarShare system	13	118.000,00
M17	Development of a traffic monitoring application for web and mobile devices	20	39.923,33
M18	Synchronization of transport systems	19	18.946,67
M19	Execution and integration of info points with display of timetables and other information	14	70.373,33
M20	Communication and education activities	18	17.333,33
TOTAL		48	15.998.298,67

Public bus transport: circular lines





Bicycle network



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Next steps:

- ▶ Legal framework: Municipality Council
- ▶ Connect the stakeholders to achieve synergy
- ▶ Implementation of entire project
- ▶ Mobilization of financial resources



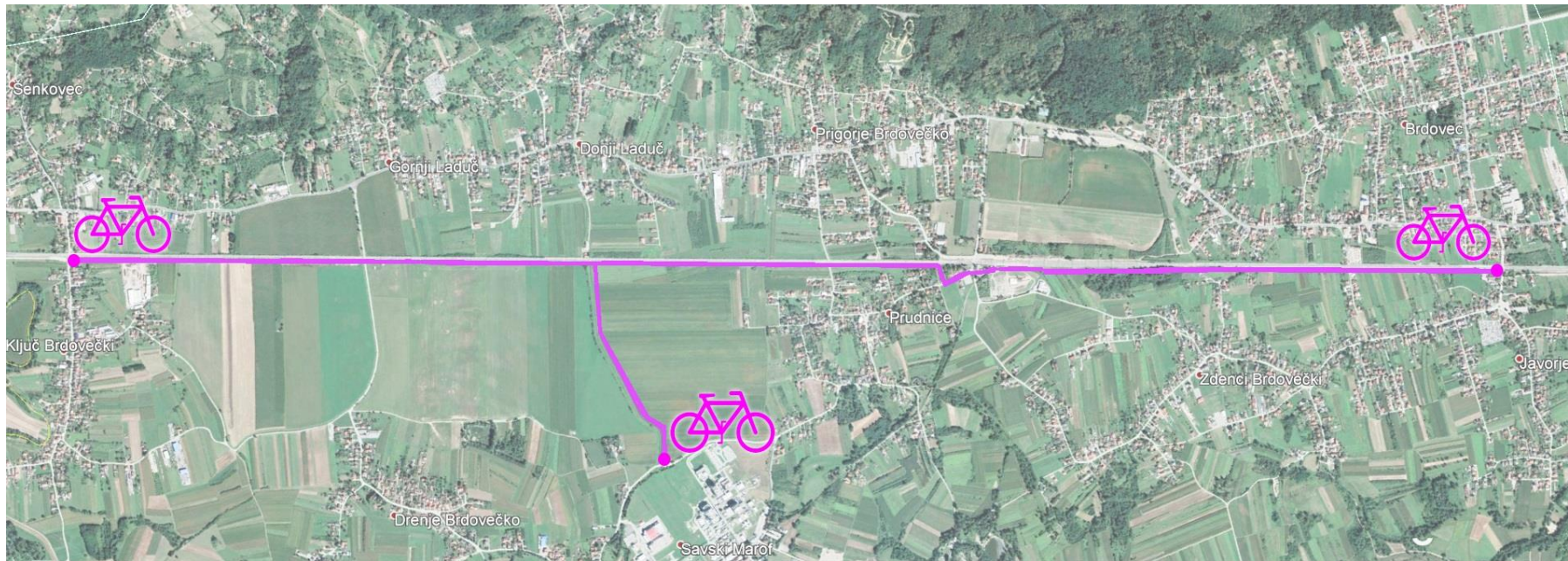
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- ▶ Implementation the first actions from SUMP started – Construction of bicycle roads in the railway corridor
- ▶ ITI Zagreb Urban Agglomeration (Operational Programme Competitiveness and Cohesion for the period 2014-2020): Improving bicycle and pedestrian traffic
- ▶ Total value: 1.3 million EUR
- ▶ EU grant: 1 million EUR



„RAIL RIDE” - Construction of a bicycle road in the railway corridor



- ▶ 7 km long
- ▶ 4 railway stops
- ▶ Industrial zone

Thank you for your attention!

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