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Transport Network for cyclists in Slovenia

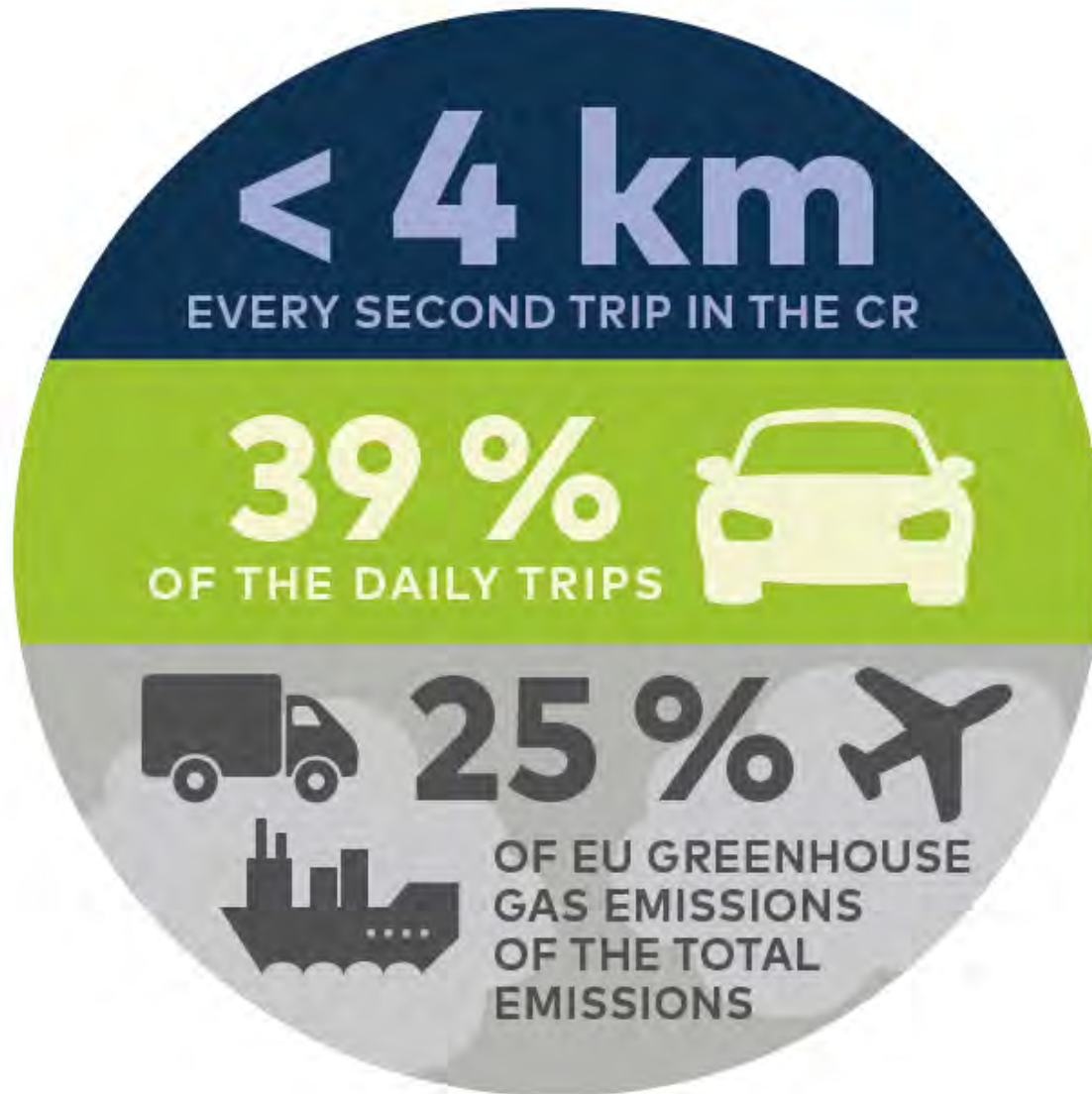


REPUBLIC OF SLOVENIA
MINISTRY OF INFRASTRUCTURE

Jihlava, Czech Cycling Conference, May 18th, 2022

Gregor Steklačič, Ministry of Infrastructure of Slovenia
Cycling officer

Conference starting point



Urban and active mobility that is

- climate-friendly,
- safe and
- fair for all,

whatever their preferred means of travel.

The conference aims to help **break down the barriers**.

Jihlava



Jihlava



Jihlava



Ljubljana



REALLOCATE THE PUBLIC SPACE

in favour of sustainable means of transport

- Allocate the public space used for transport according to the modal split you want to achieve
- Infrastructure should invite pedestrians and cyclist into the city

What are we in Slovenia doing better?



2022 UCI World Ranking April 2022

UCI Ranking Men Riders

POS	NAME	POINTS
1	 Tadej Pogacar UAE Team Emirates	5.783
2	 Primož Roglič Jumbo-Visma	3.820
3	 Wout van Aert Jumbo-Visma	3.226
4	  1 Matej Mohorič Bahrain Victorious	2.855
5	  1 Julian Alaphilippe Quick-Step Alpha Vinyl Team	2.768
6	 Remco Evenepoel Quick-Step Alpha Vinyl Team	2.640
7	 Richard Carapaz INEOS Grenadiers	2.502
8	 Mathieu van der Poel Alpecin-Fenix	2.269
9	  4 Stefan Küng Groupama-FDJ	2.179
10	 Joao Almeida UAE Team Emirates	2.126

Slovenia



vs. Czech Republic



20.480 km ²	Surface Area	78.870 km ²
2.108.977	Population	10.701.777
\$ 29.193	GDP per capita	\$ 26.381
\$M 30.236,7	Expenditure	\$M 130.970,0
\$ 26.594	Average Wage	\$ 20.080
656	Vehicles / 1000 people	647
6.62	CO2 Tons per capita	8.66

Fields of work

Orgware

- Coordination
- Legislation
- Funding

Software

- Information
- Education
- Promotion
- Services

Hardware

- Network
- Infrastructure
- Construction

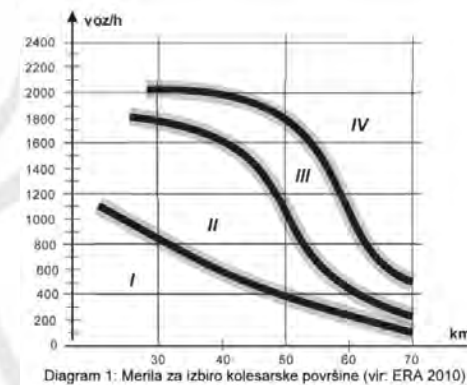
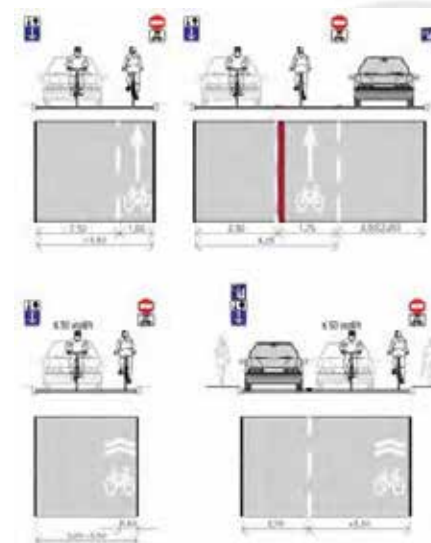
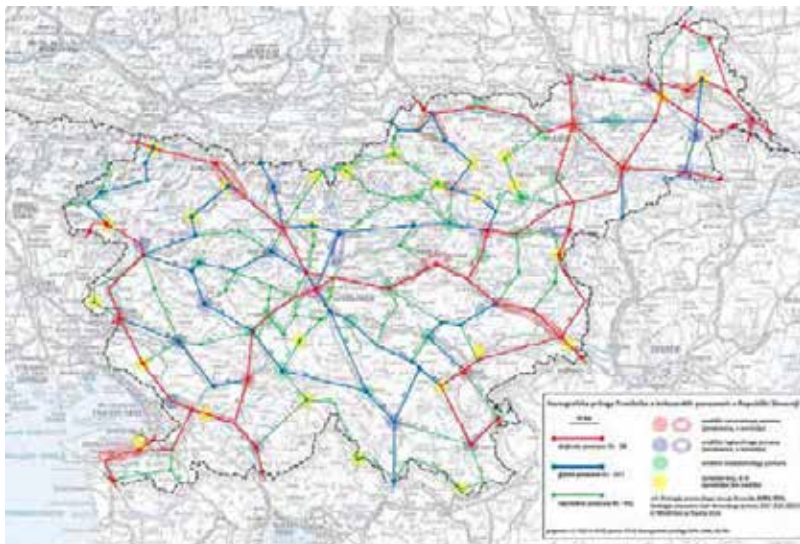
Orgware: coordination

- **2016:** Ministerial commission on cycle routes
- **2019:** cycling officer appointed, new employees (dedicated to implement and supervise cycling projects)
- **2020:** National Eurovelo coordination centre (10 organisations)
- **2021:** Interministerial working group for elaboration of cycling masterplan (45 members)

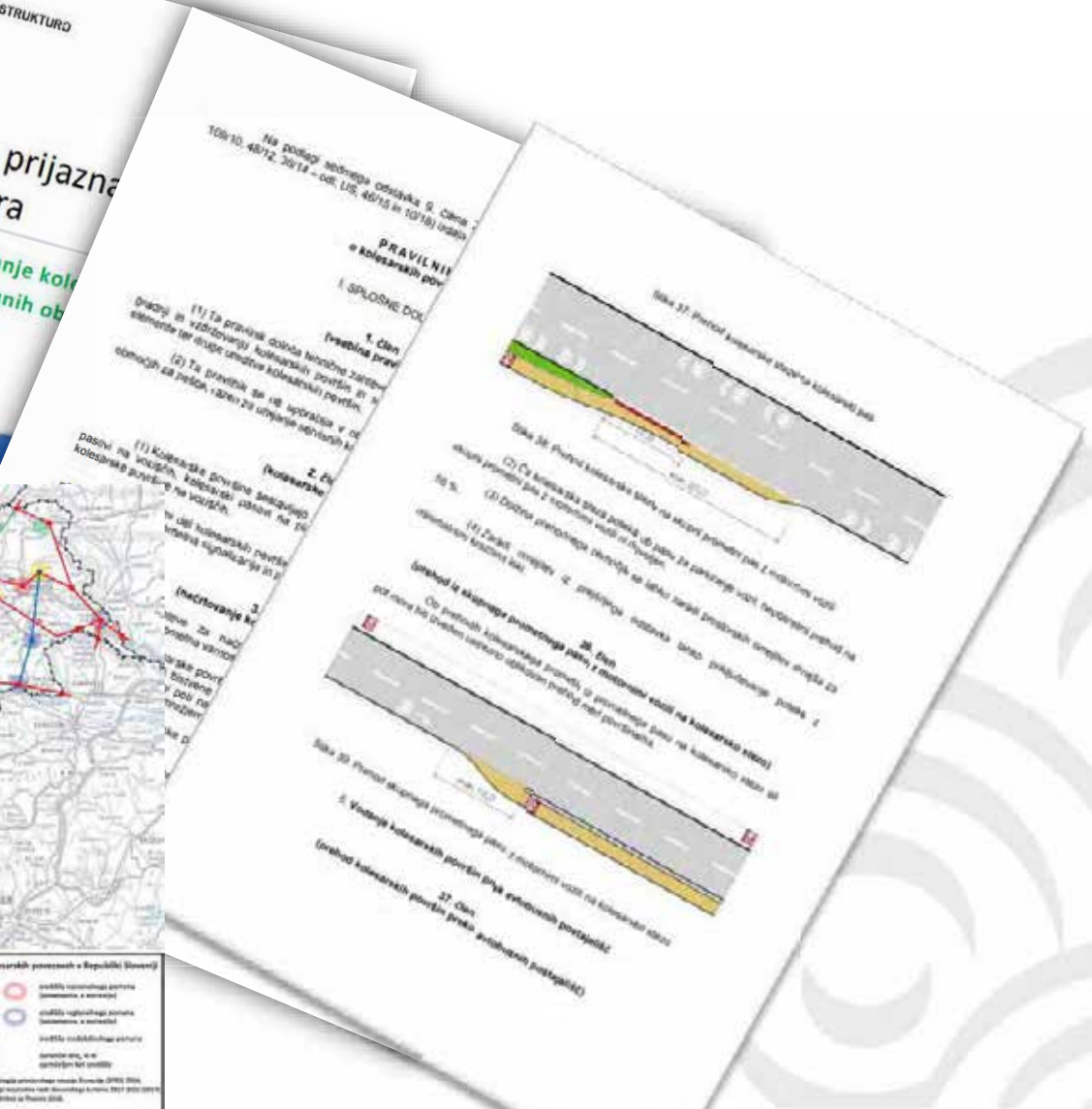
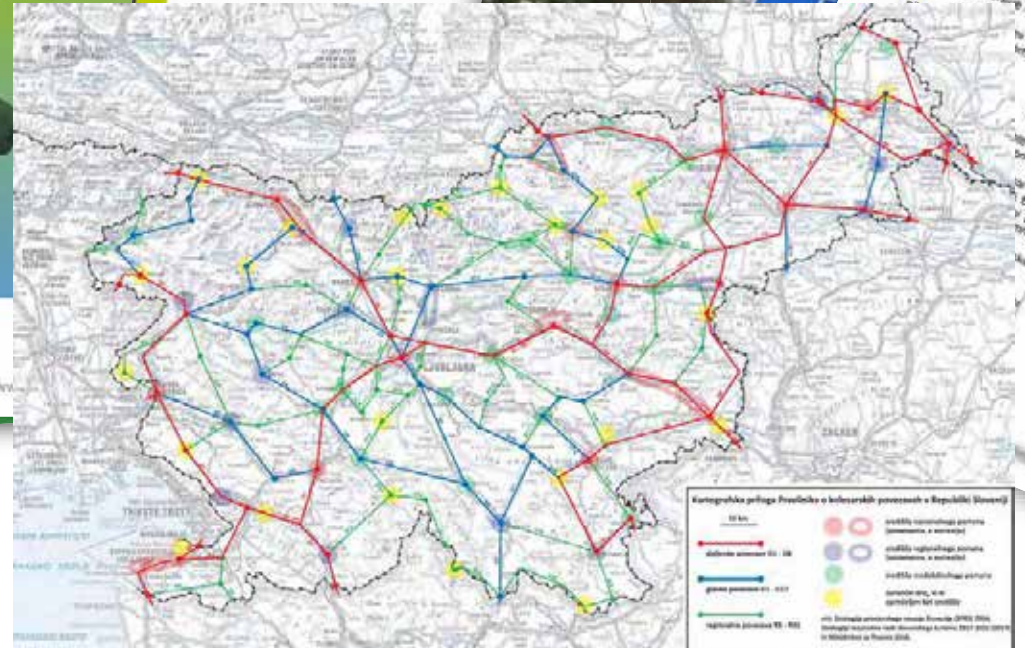


Orgware: legislation

- **Legislation:** legal acts on cycling adopted
 - Rules on traffic signs and equipment on roads (2016)
 - Guidelines for building cyclists friendly infrastructure in urban areas (2017)
 - Rules on bicycle connections (2018)
 - Technical standards for cycling infrastructure (2018)



Strategic approach



Orgware: funding

- **Financial resources:** ECP, national budget, Climate change fund

Operation	Investment in MIO EUR	Source	Time period
Call for tenders JR UTM	13.1	CF, National participation, Beneficiaries cofunding	2017 – 2021
ITI mechanism ERDF	48.0	ERDF, National participation, Beneficiaries cofunding	2017 – 2023
Regional development agreements	297.0	ERDF, National participation, Beneficiaries cofunding	2018 – 2023
Slovenian Infrastructure Agency	37.0	National budget	2018 – 2023
Call for tenders MOP	10.2	Climate change adoption fund, SIA	2019 – 2023
SUM	392.9		

= 30.5 MIO cofinancing funds available per 1 MIO inhabitants annually

Public tender, ITI mechanism measures

Cycling paths, tracks, lanes, parking facilities, BSS, cyclists counters



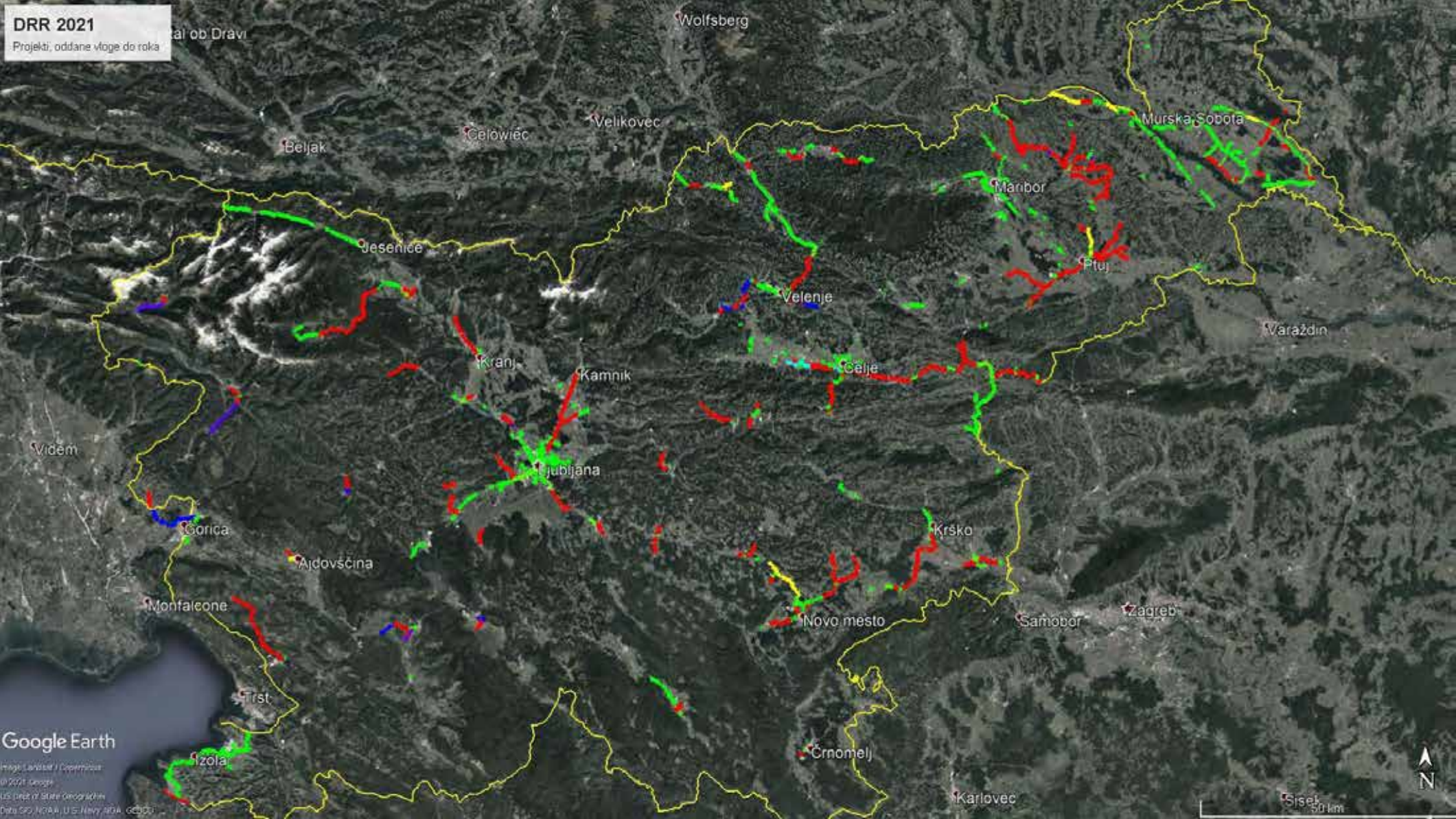
Regional development agreement projects

- Est. 620 km cycling connections up to 20 km out of cities with SUMP, 360 km new separated cycling infrastructure
- Min. 1/3 separated
- Up to 2/3 local roads with traffic calming measures



Regional development agreement projects

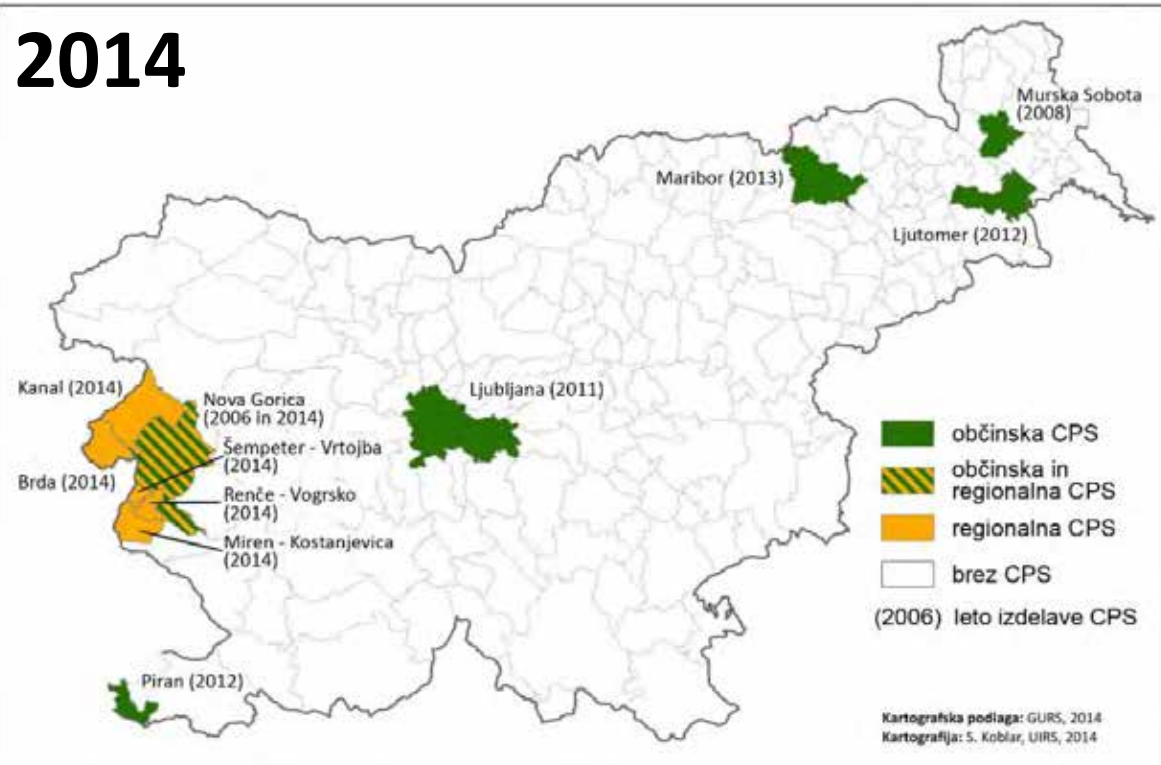
Project proposals Feb 2018, Applications Jan 2021, Construction 2020 - 2023



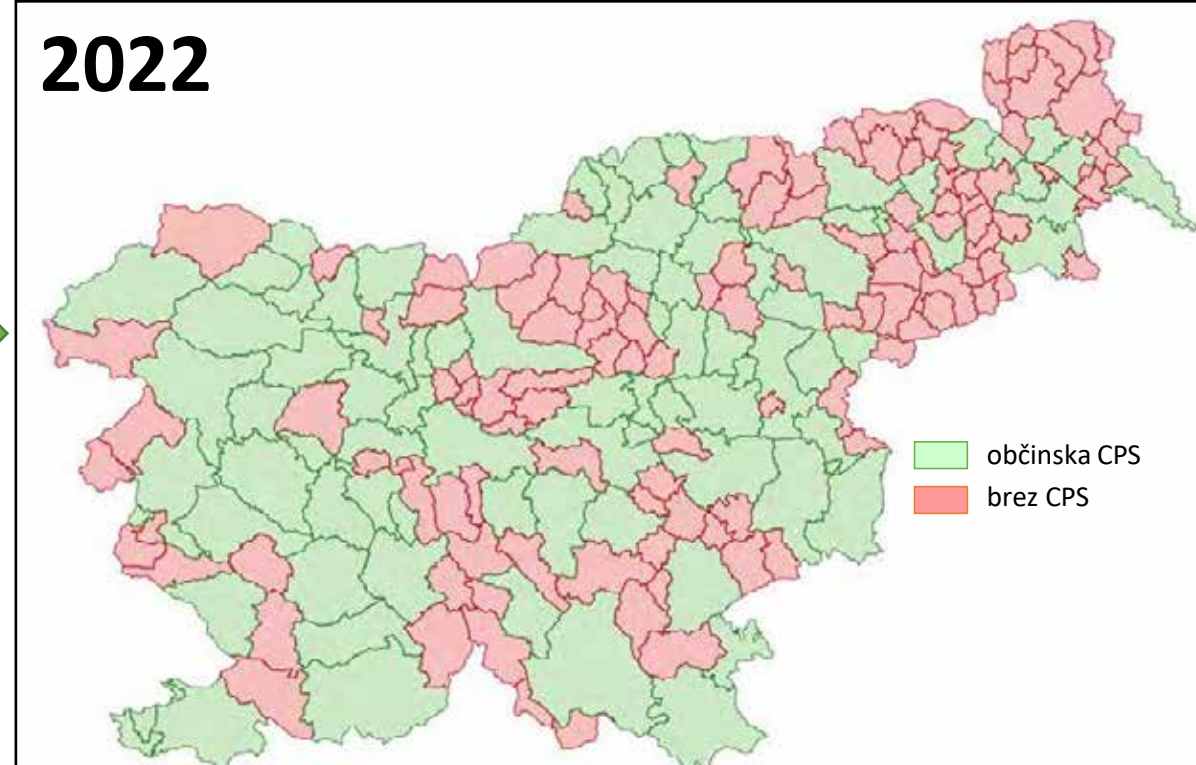
Software: promotion > SUMP

- National guidelines 2012, pilot projects
- Public tender 2015 for municipalities
- 82 SUMP elaborated, cycling as special pillar
- Revision of national guidelines 2021

2014

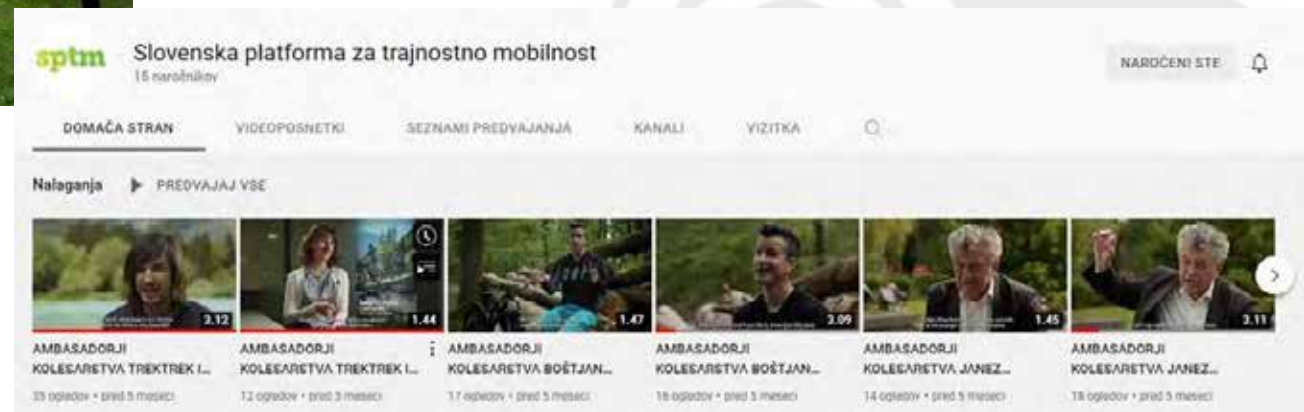
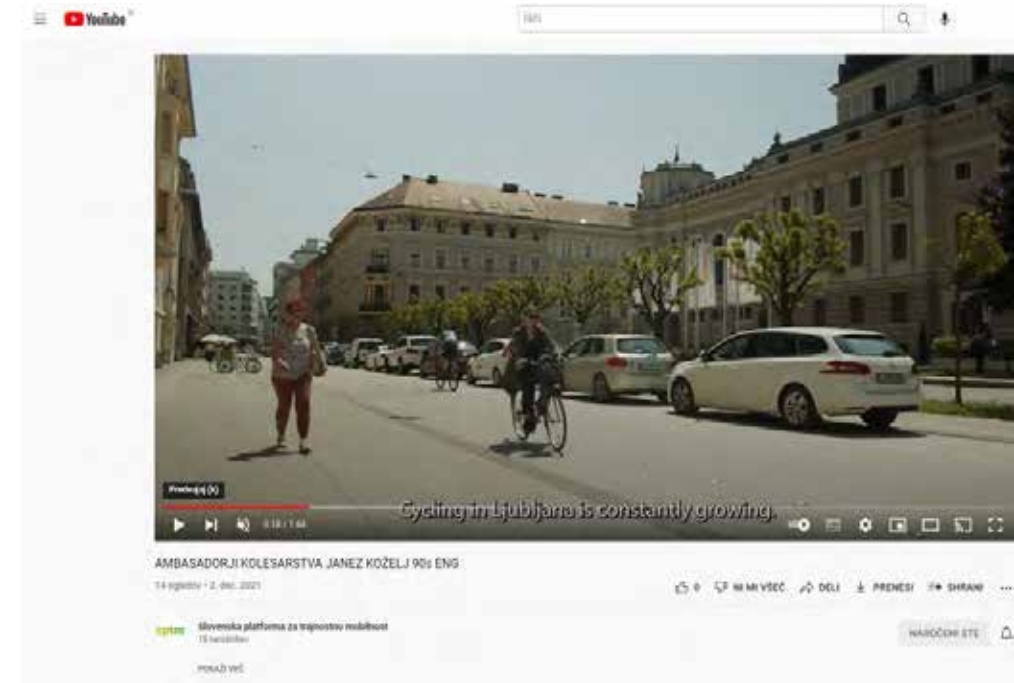


2022

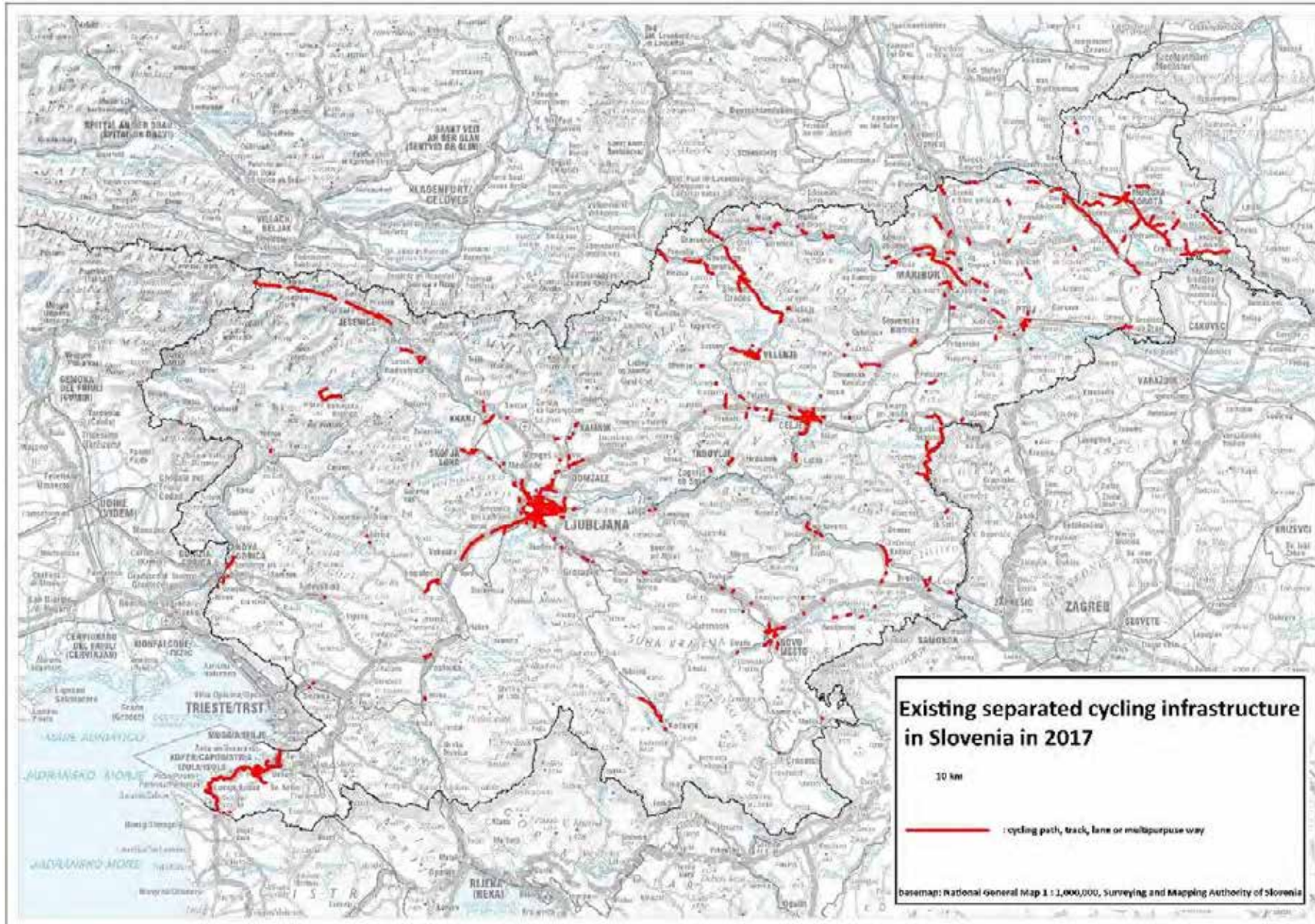


Software: promotion

- Awareness raising:
 - workshops for different stakeholders,
 - participation at cycling events
 - Promotional videos – cycling ambassadors



Hardware: Cycle route network



State of art 2017

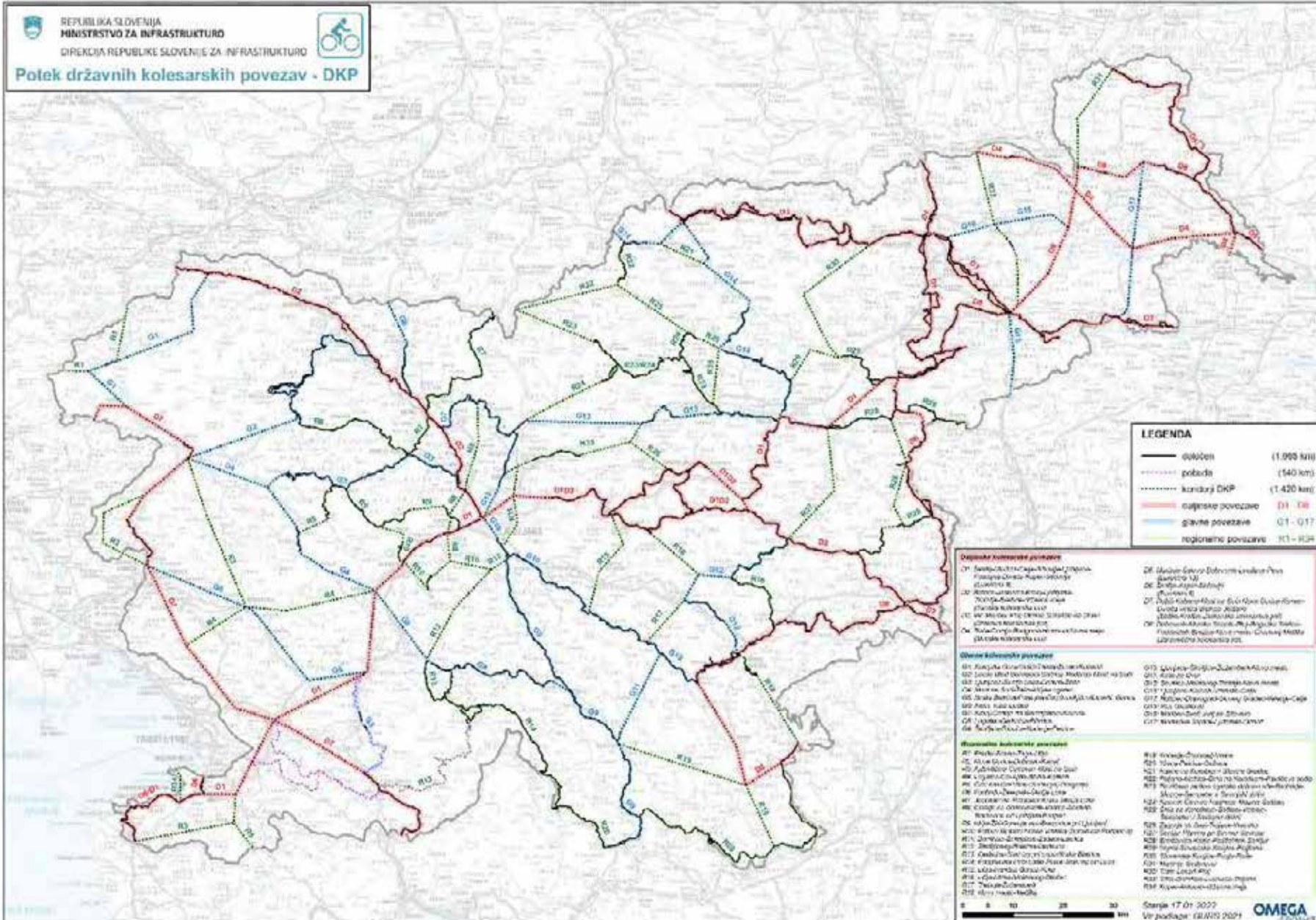
Challenges:

- No existing database on cycling infrastructure
- Missing links
- Incoherent network
- Standards ?

Database on national cycling infrastructure

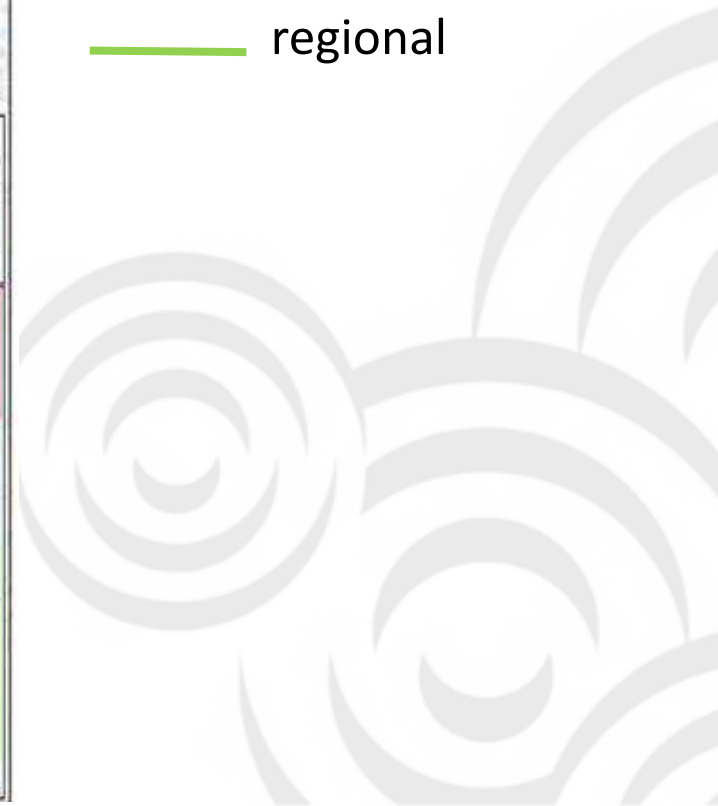


Danube Transnational Programme
Danube Cycle Plans



Defined routing of national cycle route network status feb 2022:

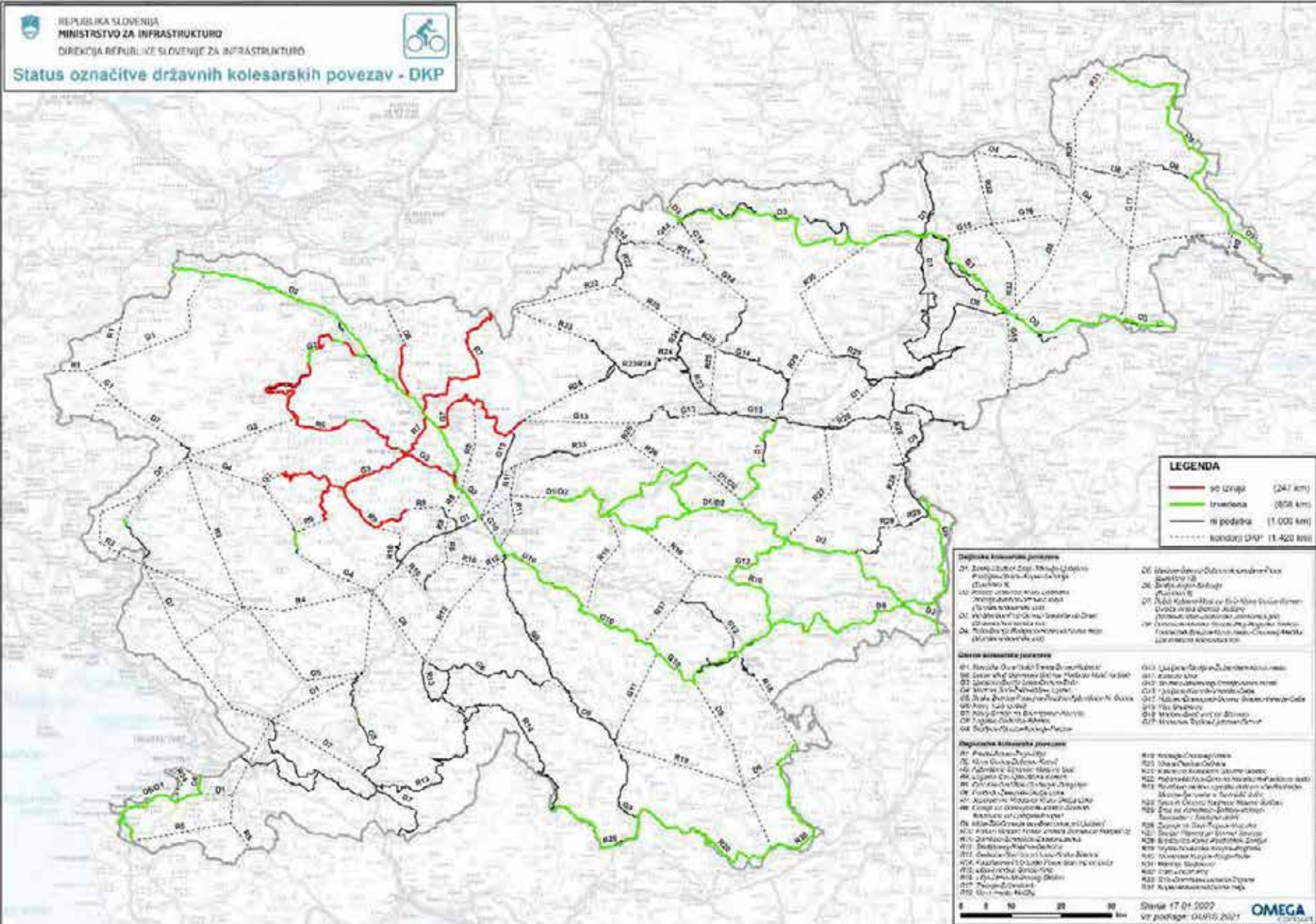
- long distance
- main
- regional



Database on national cycling infrastructure



Danube Transnational Programme
Danube Cycle Plans





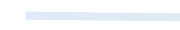

Signposted routes of national cycle route network status feb 2022:

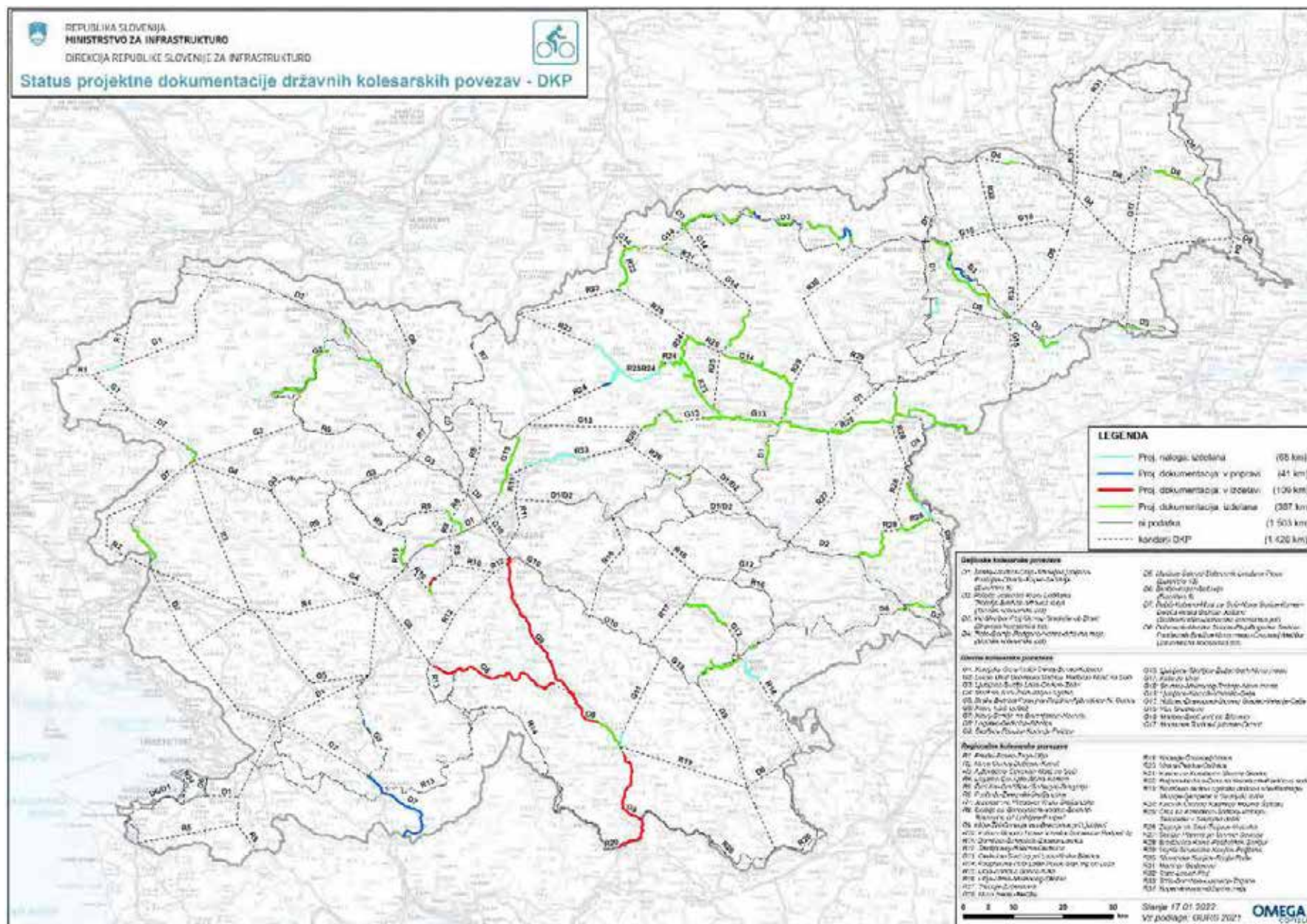
- in elaboration
- implemented



Database on national cycling infrastructure

Project documentation of national cycle route network status feb 2022:

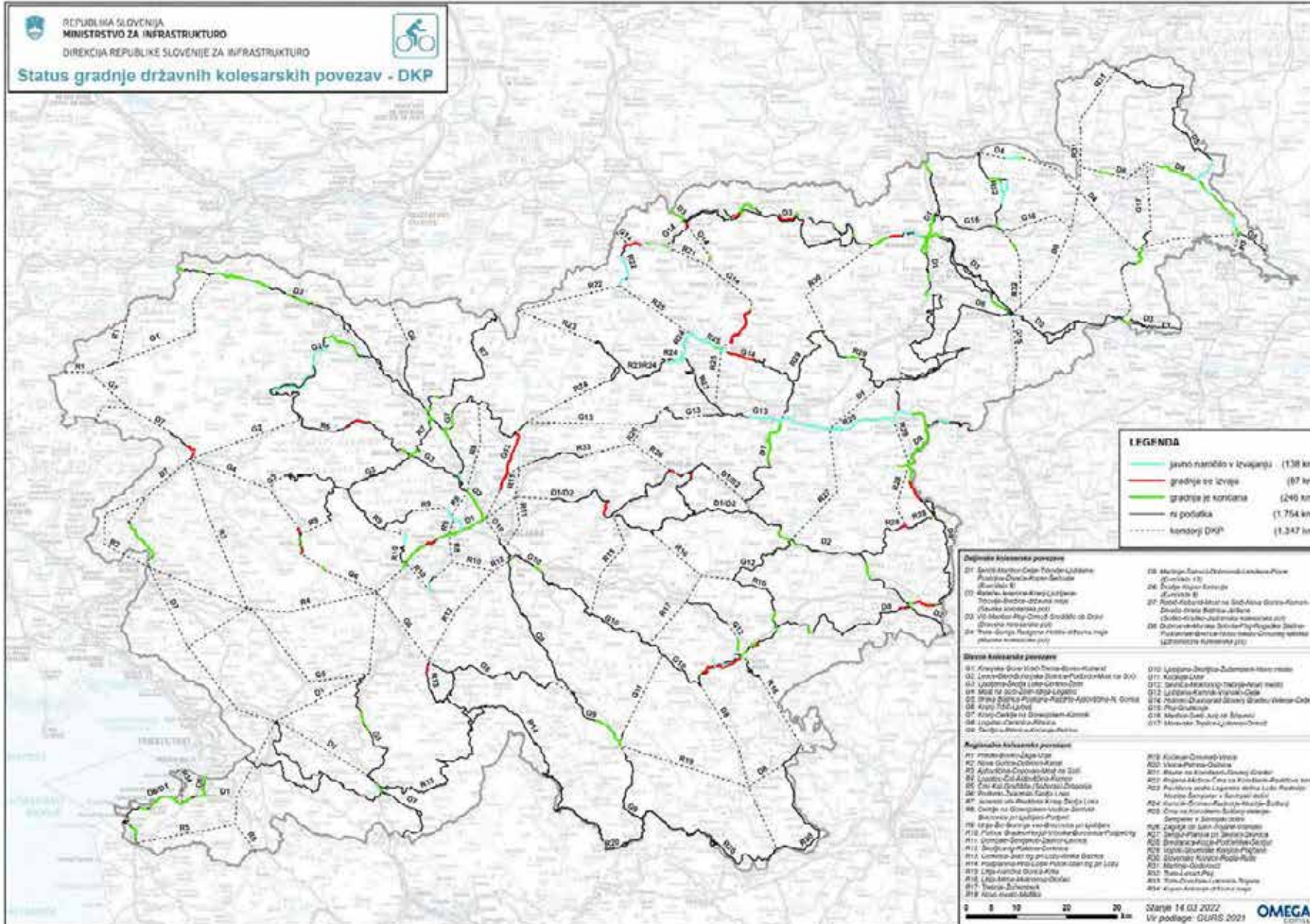
-  prepared
-  in elaboration
-  tender in elaboration
-  proposed tender



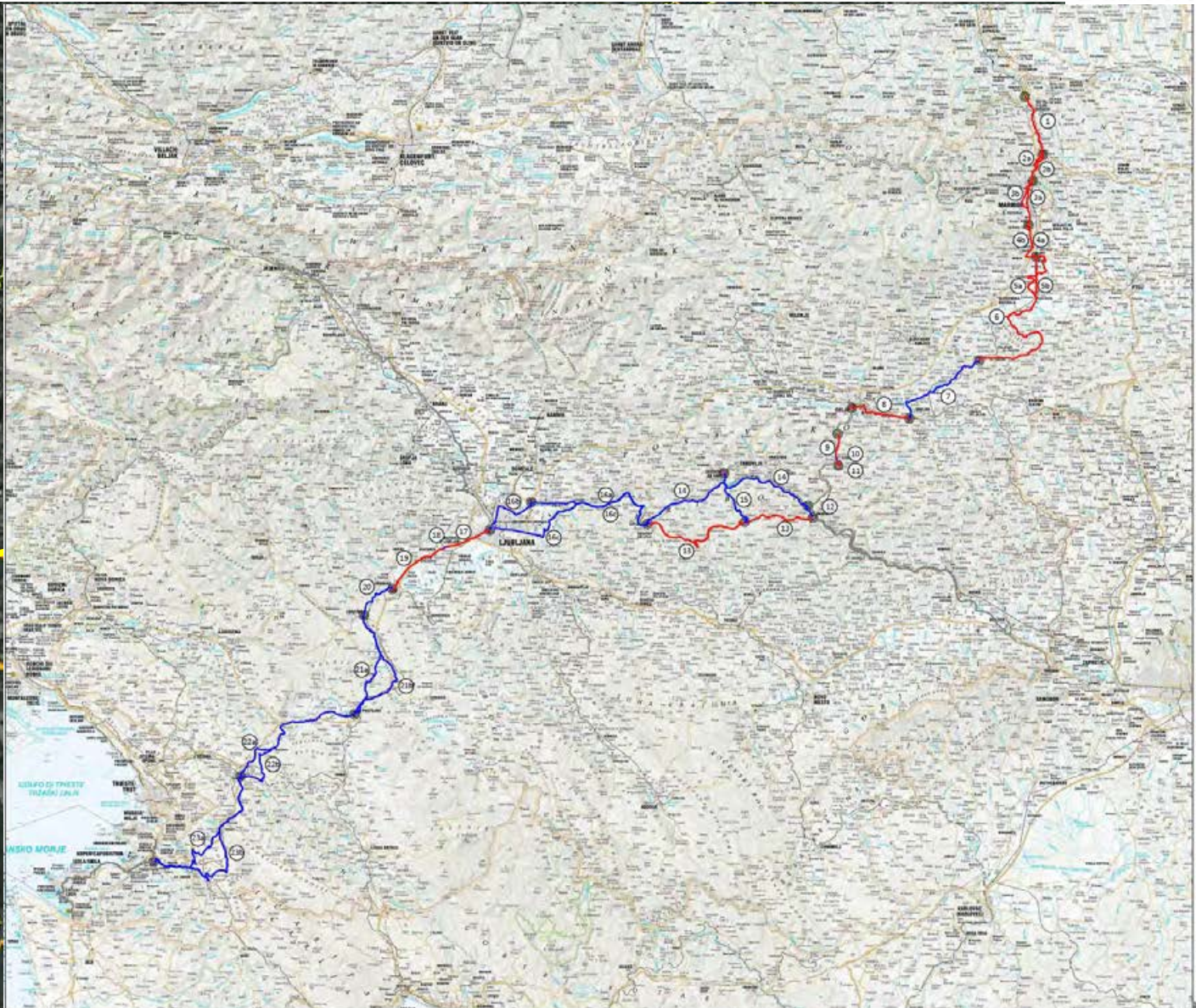
Database on national cycling infrastructure

Constructed separated cycle infrastructure, status feb 2022:

- realised
- in construction
- public procurement
- defined routing, no cycling infrastructure



Wayfinding – (D1) Eurovelo 9



OSK

OSK 1	Sredje Odra - Ravnice pri Mariboru
OSK 2	Domžale - Ravnice pri Mariboru
OSK 3	Maribor - Ravnice pri Mariboru
OSK 4	Radlje - Ravnice pri Mariboru
OSK 5	Radlje - Škofja Loka
OSK 6	Škofja Loka - Kranj
OSK 7	Kranj - Ljubljana
OSK 8	Ljubljana - Kamnik
OSK 9	Kamnik - Kranj
OSK 10	Kranj - Ljubljana
OSK 11	Ljubljana - Kranj
OSK 12	Kranj - Ljubljana
OSK 13	Ljubljana - Kranj
OSK 14	Kranj - Ljubljana
OSK 15	Ljubljana - Kranj
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OSK 48	Kranj - Ljubljana
OSK 49	Ljubljana - Kranj
OSK 50	Kranj - Ljubljana

LEGENDA

- Modra črta: Evidirane poti
- Rdeča črta: Planirane poti
- Modro rdeča črta: Večnamenske poti
- Zeleni krogi: Varnostni znaki
- Rdeči krogi: Informacijski znaki
- Sivi krogi: Znak za odhod
- Sivski kvadrati: Znak za prihod
- Modri kvadrati: Znak za odhod in prihod
- Beli kvadrati: Znak za odhod in prihod

Core Cycle Route Network in 9 countries



COOPERATE ON:

- MUNICIPAL
- REGIONAL,
- STATE and
- INTERNATIONAL LEVEL

Wayfinding – signposting criteria

- No official criteria for signposting at the moment



Wayfinding – signposting criteria

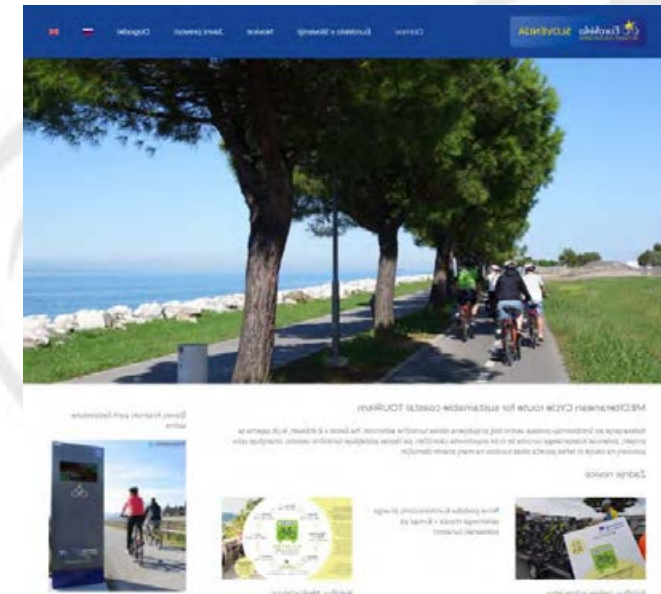


Specific target groups - tourism

- National's Strategy for sustainable growth of Slovenian Tourism >> Slovenia Outdoor
- Cyclist friendly accomodation certificate
- Drava bike path (cluster of municipalities, cluster of service providers)



eurovelo.si



Cycling as a tourism in Slovenia

Active tourism is one of the main directions of Slovenian tourism. Cycling in Slovenia is very attractive.

Things to do | Places to go | Plan your trip



Parenzana Bike & Boat

Join cyclists along the narrow gauge railway called the Parenzana, which is one of the most popular cycling destinations in Europe. Stunning vistas along the route, including those overlooking the Strunjan and Sežanje salt pans, will be ample reward for your cycling efforts. Upon conquering the route treat yourself to a seafood picnic on a boat.

[More](#)

Things to do | Places to go | Plan your trip



Kamnik – heaven for cyclists

Diverse terrain, cycling trails for children and the most challenging recreational cycling trail are but a few reasons why you should visit Kamnik on bike. Ride a city bike to the Volčji Potok Arboretum, a road bike towards the spring of Kamniška Bistrica, or ascend towards Velika Planina on a mountain bike.

[More](#)



Lessons learned -> mid term goals

- **Coordination body is „must have“**
- **DATA:** National database on cycling infrastructure – ongoing project
- National strategic plan on cycling – DCP (End of 2022)
- Comprehensive Transport Planning Act
- Revision of Technical standards on cycling infrastructure
- Proposals for revision of legislation relating agriculture lands, forest, water, spatial planning
- Financial resources for construction of (national) cycling network
- Education on cycling thematics for traffic infrastructure designers and construction site managers
- Audits of signposted cycle routes >> improvements

Contact



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MINISTRY OF INFRASTRUCTURE



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