

OUTPUT FACT SHEET

Pilot actions (including investment, if applicable)

Project index number and acronym	CE1410 REIF
Output number and title	O.T2.1 - Pilot action
Investment number and title (if applicable)	n/a
Responsible partner (PP name and number)	PIL - PP4
Project website	interreg-central.eu/reif
Delivery date	September 2021

Summary description of the pilot action (including investment, if applicable) explaining its experimental nature, demonstration character and transnational added value

The pilot action aims at demonstrating the potential of new industrial sidings to enhance the access and hence the attractiveness of the railway for freight transport.

The main REIF pilot activity in Central Slovenia (Ljubljana) Region has therefore been the preparation of the documentation for the construction of an industrial rail track (siding) which will connect road and rail transport. The new rail track will be located on railway Line Ljubljana Kočevje, which is a regional line connecting TEN-T corridor through Ljubljana with significant potential for new freight traffic and shifting freight from road to rail. In town Grosuplje, situated along Ljubljana Kočevje railway line, there is a big logistics centre without rail connection and handling thousands of cars per year. The cars are currently carried by trucks and there is a big opportunity for shifting them to rail. One of the options is construction of side track connecting logistic centre with nearby railway line.

There was a big rail potential identified in REIF Market Potential Analysis done within the REIF project. A significant share of 70.000 vehicles being currently transported by road trucks could be shifted to rail via rail siding (investment itself is not a part of REIF pilot).

The pilot documentation that was prepared within project includes construction plan and design for new siding connecting Ljubljana-Kocevje railway line with car logistics centre near Grosuplje. The documentation includes a track and a missing link connecting the track with public part of rail infrastructure. The documentation was prepared according to national legislation and will serve as official document for further steps of investment realization. The documentation consists of the following official documents (in line with the legislation related to rail construction):

- Original concept of investment
- Implementation plan

Implementation plan further includes the following documents:

- Geodetic plan
- Transport technology
- Plan for gradual starting the operation of siding
- Cadastral study
- Waste management plan during construction
- Security and safety plan
- Construction operational plan
- Signaling and safety devices

The results were made available to the transnational partners in the "REIF" project and have been discussed. This is an important prerequisite for deployment in other European regions, coping with the same problems.

NUTS region(s) concerned by the pilot action (relevant NUTS level)

NUTS 1 - Slovenia

NUTS 2 - West Slovenia

NUTS 3 - Central Slovenia region

The pilot is located in Central Slovenia region, which is a part of the NUTS 2 Cohesion region *West Slovenia*. *Central Slovenia region is according to population the biggest region in Slovenia (570.000 inhabitants) covering area of 2,555 km².*

Investment costs (EUR), if applicable

n/a

Expected impact and benefits of the pilot action for the concerned territory and target groups and leverage of additional funds (if applicable)

REIF pilot is a first step towards improved connectivity and integration of rail and road transport. The developed documentation is an input for the track construction. When the track will be constructed it will enable a mass shifting of freight transport (cars) from road to rail. The benefits will be the following:

- lower external costs of rail transport comparing to road (less air pollution, less accidents,)
- less congestion on roads and in nearby towns and villages
- improved economic activity in area (bigger capacities, better employment)
- better connectivity and integration of rail and road transport

The municipalities, industries and population located in the region will benefit in the first line when the freight transport will be shifted from road to rail. Further the benefits will be for the rail freight transport as a whole. Better connectivity and integration of rail and road transport and improved economic activity in the area including better environmental impacts will have positive impact to whole society.

Sustainability of the pilot action results and transferability to other territories and stakeholders

A successfully implemented pilot is a good opportunity for other municipalities/regions to implement the same or similar sustainable measures for improving integration of rail and road transport, especially in areas where freight transport in decline.

The acceptance of all stakeholders was also very positive. The pilot solutions were also presented to relevant planners and decision-makers in Central Slovenia region at a regional capacity building workshop.

In order to ensure future implementation, the roadmap was prepared which shows how sustainable freight transport measures can be implemented in the near future.

If applicable, contribution to/ compliance with:

- relevant regulatory requirements
- sustainable development - environmental effects. In case of risk of negative effects, mitigation measures introduced

- horizontal principles such as equal opportunities and non-discrimination

All railway planning and construction works must be strictly in line with the current legislation, due to safety, environmental in other reasons. The pilot documentation for rail siding was prepared by an authorized company and follows all regulatory requirements in the field of railway design, planning and construction.

The rail siding when constructed will have positive environmental effects due to rail and road integration and shifting goods from road to rail.

References to relevant deliverables (e.g. pilot action report, studies), investment factsheet and web-links

If applicable, additional documentation, pictures or images to be provided as annex

The output is based on the following deliverables:

- D.T2.3.1 Pilot activity concept and launch report
- D.T2.3.4 Pilot #6 MPWG Central Slovenia region
- D.T2.3.6 REIF pilot evaluation report in Central Slovenia region

Download link: <https://www.interreg-central.eu/Content.Node/REIF/Pilot-action--6---Slovenia---Industrial-siding.zip>

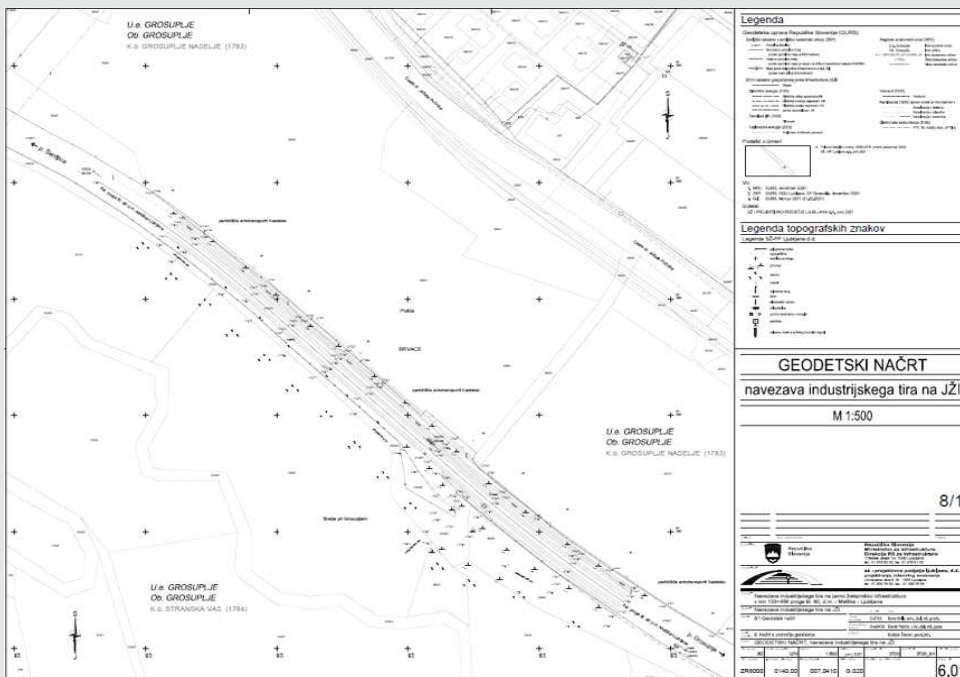
A video summarizing the pilot action outcomes is also available on the REIF website (<https://www.youtube.com/watch?v=Sd2ILw271qU>)



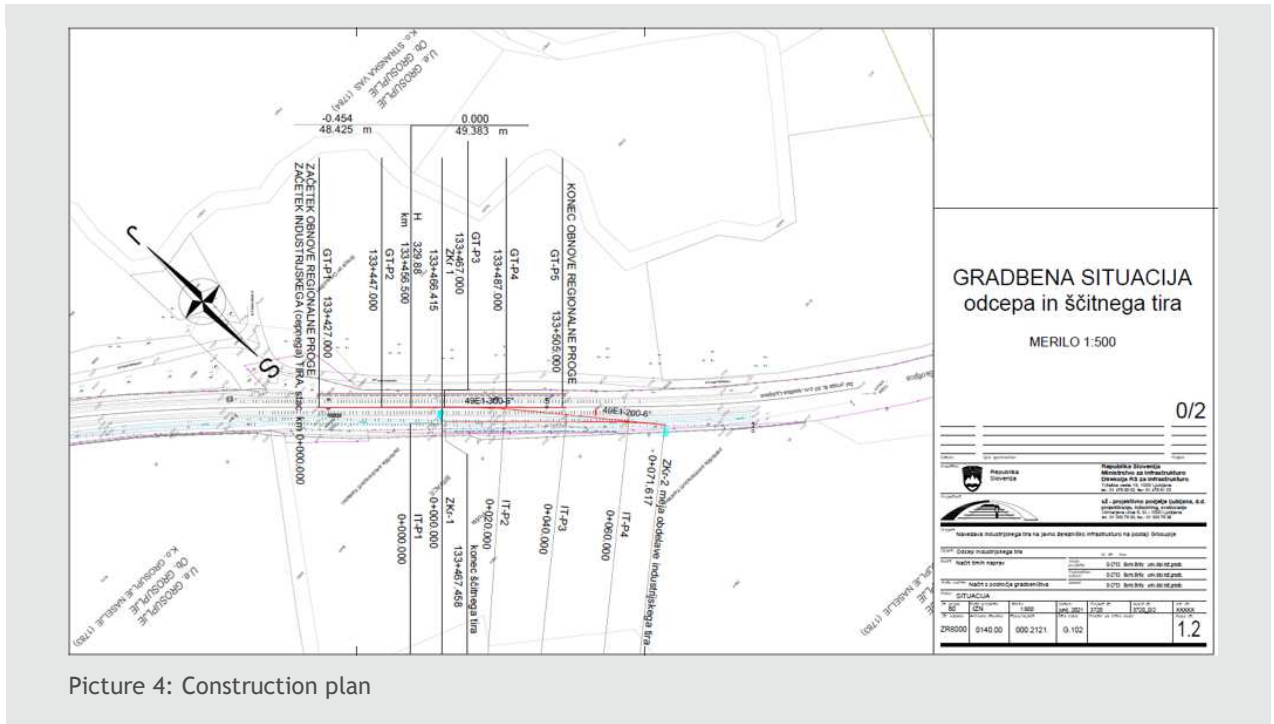
Picture 1: Planned rail siding - location



Picture 2: Location of rail switch for new siding



Picture 3: Geodetic plan



Picture 4: Construction plan