

OUTPUT FACT SHEET

Pilot actions (including investment, if applicable)

Project index number and acronym	CE1410 REIF
Output number and title	O.T2.1 - Pilot actions
Investment number and title (if applicable)	Not applicable
Responsible partner (PP name and number)	PP8 - ITL Foundation PP10 - Emilia-Romagna region
Project website	interreg-central.eu/reif
Delivery date	November 2021

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

The pilot action aimed at the elaboration and testing of concepts to activate additional rail freight services. The pilot action has been implemented by ITL Foundation (PP8) together with Emilia-Romagna Region (PP10) and focused on the regional transport model.

The main objective of REIF's Pilot Action #8 was to identify freight traffic volumes related to regional intermodal nodes and their catchment areas that can be attracted to rail. The activities were carried out using the freight regional model that was upgraded within the Pilot Action #5's activities.

The main activities that have been realised during the first phases of the Pilot Action #8 concern:

- Investigations on freight flows that can be bundled and attracted to rail via a multimodal terminal located in Emilia-Romagna
- Application of the model upgrade performed in Pilot Action #5 to investigate the potential of new rail services
- Take in feedback from Market Players and refine the investigation on the potential of new rail services

Even in this Pilot Action the model capabilities have been enriched with the use open data sources and Floating Car Data.

The methodologies that were followed can be also adapted and replicated in other areas of the Programme area.

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

ITH5 - Emilia-Romagna region

Investment costs (EUR), if applicable

Not applicable

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

The Pilot Action #8 was designed to strengthen the model capabilities of the freight transport planning support tools of the regional technical offices. The achieved results and new tools provided will facilitate the planning process related to the freight rail transport in our region.

The activities will benefit the regional transport planning offices since:

- they have an assessment of the effects of the introduction of new rail services on the modal split, with the detail of where in Emilia-Romagna the goods travelling on those services come from
- they are provided with a model able to assess other changes to available transport services, including new services, changes in features of existing services (different departure point, reduced travel time, increased capacity), cancellation of present services, accounting in detail for the choices of cargo shippers and carriers
- the analysis carried out with the FCD data and the comparison between them and the findings coming from the updated regional transport model can provide relevant information in order to improve the transport model itself

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

The regional transport model of Emilia-Romagna region was updated with the activities carried out in Pilot Action #5 and #8. Once that the rail freight module will be fully integrated in the overall regional transport model, it will be certainly used by regional officers to provide support for the planning of the transport policies. Pilot actions #5 and #8's activities could be used as best practice in other territories. The replicability potential for other PPs or for the Central European area is large because the study methodologies can be adapted and replicated in other PPs in other regional study contexts in order to refine the analysis methodology aimed at contributing to the identification of potential new railway services and new solutions that help increase the modal share of rail freight transport, increase coordination between the players in the intermodal transport chain.

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

The general aim of the pilot actions is to promote and sustain the freight rail transport that, compared to the road one, presents clear environmental and social advantages (e.g. decreasing of pollutions, increasing of road safety condition due to the decreasing of the number of trucks along the road network)

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 of Pilot Action #8 is based on the following deliverables:

- D.T2.3.3 Pilot action concept
- D.T2.3.4 Establishment of Market player working group
- D.T2.3.7 Pilot evaluation report

Download link: <https://www.interreg-central.eu/Content.Node/REIF/Pilot-action--8---Emilia-Romagna---Rail-freight-transport-po.zip>



A video summarizing the pilot action outcomes is also available on the REIF website.

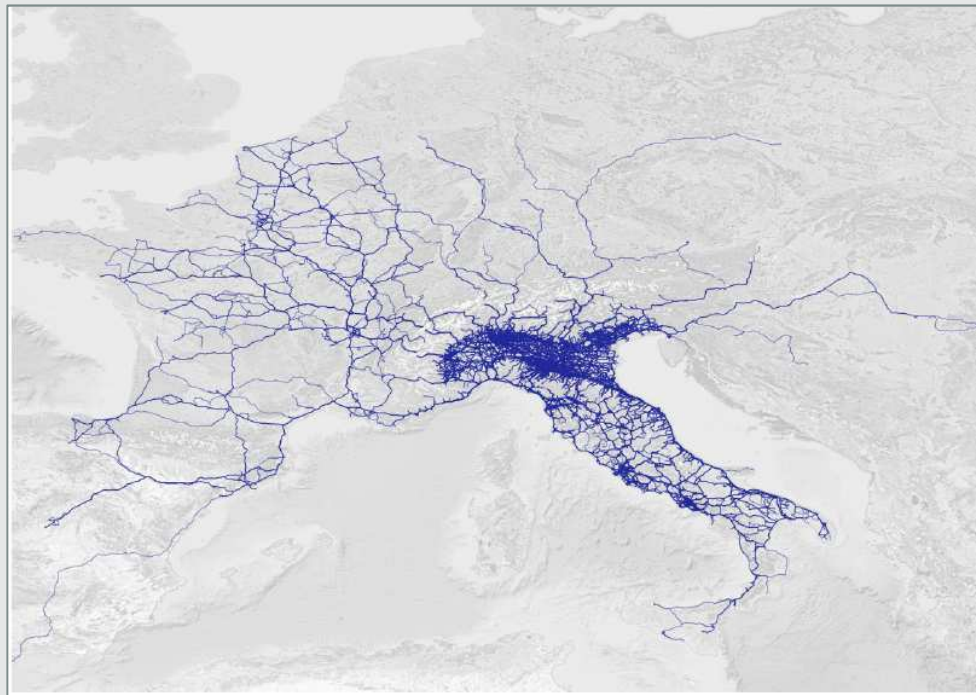


Figure 1 - Path of FCD with origin or destination into the province of Parma (Emilia-Romagna region). Pilot action #5 and #8



Figure 2 - Network of freight transport operator based in Emilia-Romagna region and implemented in the rail freight model. Pilot action #5 and #8

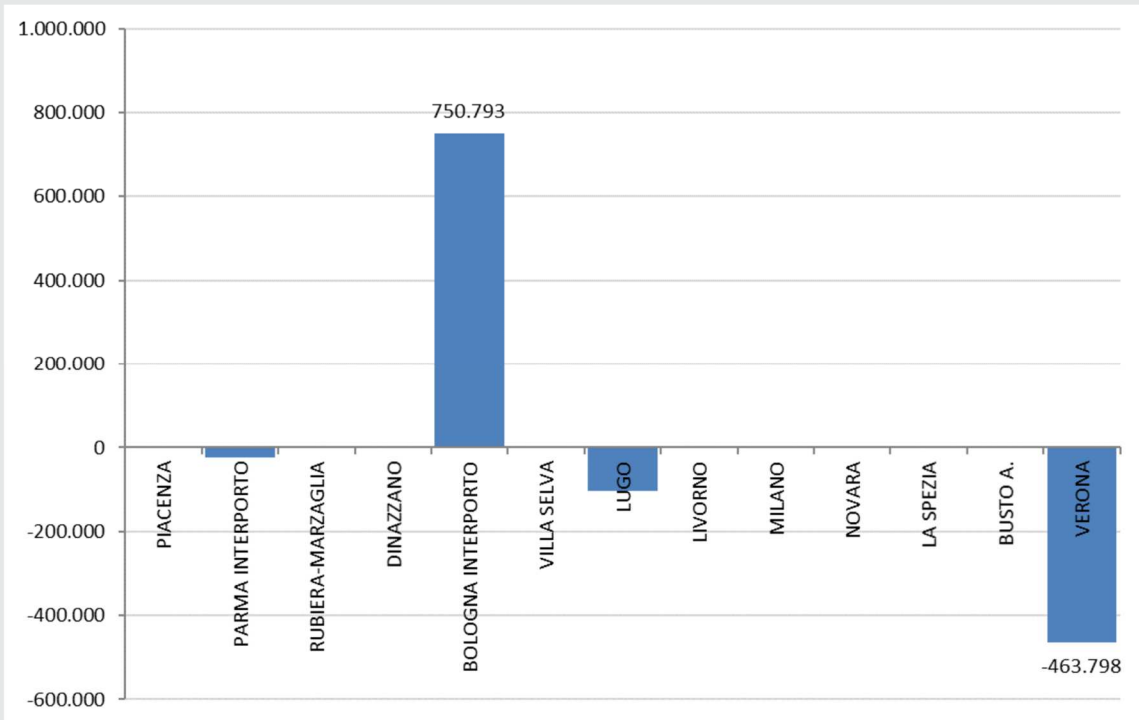


Figure 3 - cargo flows (t/year) attracted to the new intermodal services (from Bologna) and cargo diverted from intermodal services currently from other terminals