

## DISCOVER MORE ABOUT TalkNET

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### LEAD PARTNER



NORTH ADRIATIC SEA PORT AUTHORITY  
PORTS OF TRIESTE AND MONFALCONE

### PARTNERS



## WHO WE ARE

15 partners in 8 central European countries collaborated within the TalkNET project. We all worked together with logistics stakeholders to support the creation of a favorable framework for logistics services in central Europe.

### CROATIA

- 1 Port of Rijeka Authority

### CZECH REPUBLIC

- 2 Regional Development Agency of Ústí Region, PLC

### GERMANY

- 3 Italian-German Chamber of Commerce in Munich
- 4 Lokomotion Gesellschaft Für Schienektraktion mbH

### HUNGARY

- 5 Freeport of Budapest Logistics Ltd
- 6 Rail Cargo Hungaria Goods Transport Private Limited Company

### ITALY

- 7 Port Network Authority of the Eastern Adriatic Sea

- 8 North Adriatic Sea Port Authority
- 9 Veneto Strade S.p.A
- 10 ZAILOG Scarl Quadrante Europa Freight Village

### POLAND

- 11 Szczecin and Swinoujscie Seaports Authority S.A.
- 12 Westpomeranian Region
- 13 Codognotto Poland

### SLOVAKIA

- 14 Public Ports, JSC.

### SLOVENIA

- 15 Luka Koper, port and logistic system, public limited company

## WHAT WE ACHIEVED

TalkNET is a transnational cooperation project that succeeded in making logistics nodes more efficient and environmentally-friendly. It also supported the implementation of new multimodal services and eco-innovation investments. Final goal was the set up of a transnational cooperation policy framework within Central Europe.



### CATEGORY

- Ports
- Intermodal road transport
- Rail Operator
- Freight Village
- Business support organization/regional Authority

<b>2,5 MIL€</b>	<b>39 MONTHS</b>	
TOTAL BUDGET	PROJECT DURATION	
<b>12</b>	<b>15</b>	<b>8</b>
OBSERVERS	PROJECT PARTNERS	COUNTRIES
<b>9</b>	<b>1</b>	<b>2</b>
PORTS	FREIGHT VILLAGE	RAIL OPERATORS
<b>1</b>	<b>4</b>	
LOGISTIC PROVIDER	AUTHORITIES/ AGENCIES	

### WHO FUNDS US

Our project is funded by the Interreg CENTRAL EUROPE Programme that encourages cooperation on shared challenges in central Europe.

With 246 million Euro of funding from the European Regional Development Fund, the programme supports institutions to work together beyond borders to improve cities and regions in Austria, Croatia, Czech Republic, Germany, Hungary, Italy, Poland, Slovakia and Slovenia.

# TalkNET


A cooperation project for multimodal environmentally-friendly freight transport



# THE PROJECT

TalkNET – Transport and Logistics Stakeholders Network - is a project co-funded by the Interreg CENTRAL EUROPE Programme 2014-2020. It aims to enhance multimodal efficiency and sustainability in the transnational freight transport system of the central Europe area, bringing together main ports, inland terminals and logistics players.

The main goals of the project:

 **strengthening the efficiency of the logistic nodes, their hinterland connections and their related logistics services;**

 **deploying alternative fuels and energy efficient solutions able to reach EU low-carbon targets;**

have been tackled by developing: common knowledge tools, action plans, pilot actions, training activities and able to support sustainable investments in Multimodal Nodes Optimisation and Eco-Innovation Deployments.

## MAIN RESULTS AND OUTPUTS

more than

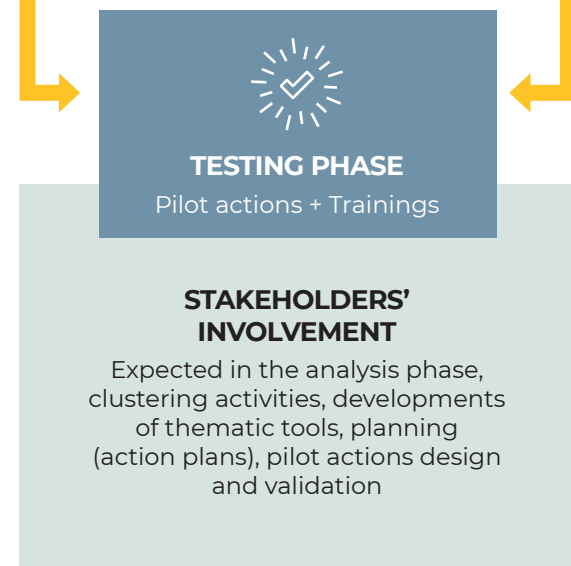
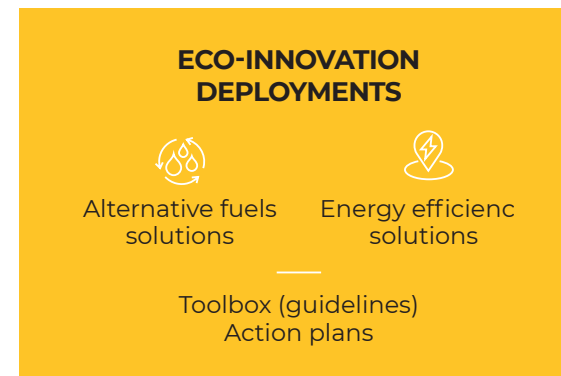
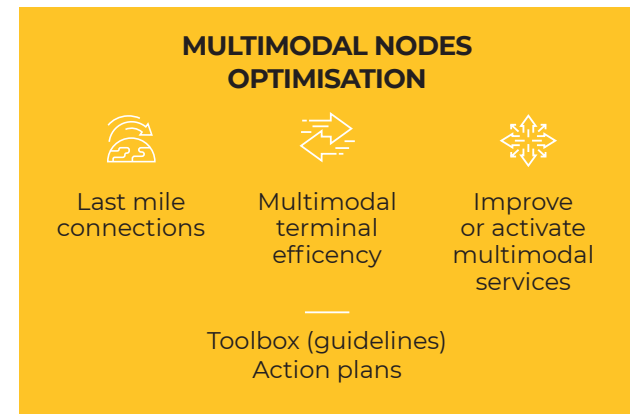
**40** studies

**5** knowledge tools

**9** action plans

**11** pilot actions

**2** trainings



# KNOWLEDGE TOOLS

5 Knowledge tools were developed, one per each topic of project action: these outputs were the result of the collection of relevant knowledge and best practices from inside and outside the partnership.

## BEST PRACTICES

### 1 LAST MILE CONNECTIONS

- 1 Last mile connections
- 2 Reduction of rail transport time
- 3 Cargo-Tram in Dresden

### 2 MULTIMODAL TERMINAL EFFICIENCY

- 4 Wagon sharing
- 5 Shunting service
- 6 Access control and traffic management system

### 3 IMPROVE OR ACTIVATE MULTIMODAL SERVICES

- 7 High Speed/High Capacity railway line – Verona-Pomezia
- 8 City logistics in Marseille
- 9 Project Kvarken Multimodal Link
- 10 Increasing intermodality
- 11 Sustainable Świnoujście-Trelleborg MoS
- 12 Expanding the use of combined freight transport (CZ)
- 13 Support of combined cargo transportation (CZ)
- 14 Modular train concept for flexible transport solutions

### 4 ALTERNATIVE FUELS SOLUTIONS

- 15 Cold ironing
- 16 Wood biomass
- 17 Alternative Fuel-based recharging solutions (Paris & Budapest)
- 18 Electrification of port railway facilities in Nuremberg
- 19 LNG deployment in the North of Italy
- 20 LNG + Intermodality: Corridor IT-UK
- 21 Decarbonisation solutions - ALICE

### 5 ENERGY EFFICIENCY SOLUTIONS

- 22 Eco-solutions deployment
- 23 Eco-solutions deployment
- 24 Innovative technology for gantry cranes' energy savings (Hupac)
- 25 Eco-driving practice
- 26 LEADER process for eco-driving
- 27 Cranable mobile platform
- 28 Time-multiplex control unit system for (older) locomotives TMC/ZMS

# ACTION PLANS

The main topics and priorities identified during the analysis phase were then elaborated in 9 action plans, that allowed some partners to adequately prepare their investment.

The purpose was to improve the management and connections of the ports and logistics nodes as well as to advance eco-solutions deployment in freight transport.

Port of Venice

Port of Trieste

Port of Koper

Port of Rijeka

Verona Freight Village

Public Ports Bratislava

Freeport of Budapest

Szczecin and Świnoujście Ports

Usti Nad Labem

**Multimodal nodes optimisation**  
(Clusters 1-3)

**Eco-innovation deployments**  
(Clusters 4-5)

# PILOT ACTIONS & TRAININGS

The 11 pilot actions tested solutions concerning specific challenges identified by the project partners and stakeholders in the nodes' regions.

This happened according to the following sub topics:

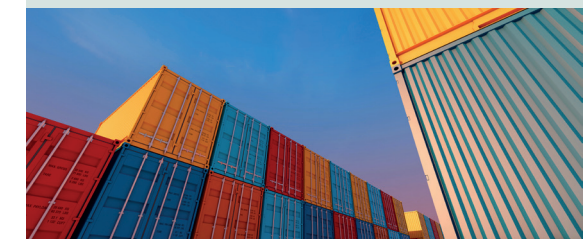
improve multimodal nodes of the main transport network

optimize terminals' operative and logistics management systems

create new multimodal services to tackle bottlenecks affecting the main transport routes (rail, road, sea)

deploy potential alternative fuels for ports/ inland terminals and logistics operators

create management solutions to reduce energy waste during all transport/handling operations.



In addition, on the basis of gap analyses performed on training needs on ECO-innovation priorities, a training curriculum has been developed and tested to promote eco-driving education for locomotive drivers. The training pathway can serve as a model for all European railway companies.