



## 7th Transport Facilitation Technical Committee meeting

Videoconference



25 January 2021

## ADRIPASS Project

Integrating multimodal connections in the Adriatic-Ionian region



Paolo Dileo

Central European Initiative (CEI)



# What is the Central European Initiative?

The Central European Initiative (CEI) was launched on 11 November 1989 by I, AT, Y, HU two days after the fall of the Berlin Wall, as the **first intergovernmental forum for regional cooperation in Europe**

CEI Membership has grown over the years.  
It now includes **17 Member States**, the broadest platform  
for policy dialogue between and among:

- ✓ EU Members (9)
- ✓ Enlargement countries (5 -Albania, Bosnia and Herzegovina, Macedonia, Montenegro, Serbia)
- ✓ Eastern Neighbours (3 - Belarus, Moldova, Ukraine)

**MISSION: REGIONAL COOPERATION FOR EUROPEAN  
INTEGRATION AND SUSTAINABLE DEVELOPMENT**

*Among others, Interreg projects represent a powerful tool to  
address the strategic priorities of our countries*

*As regards integration of territories and people, **CONNECTIVITY** & promotion of Sustainable  
transport solutions, over the last decades, has represented one of the key priorities of the CEI  
Plans of Actions*





## ADRIPASS project

ADRIPASS



**ADRIPASS - Integrating multimodal connections in the Adriatic-Ionian region** aims at improving maritime-hinterland freight connections to boost growth and economic development of the transport sector in the ADRION region.

**FOCUS** Identification of soft measures to streamline and enhance the connections on the TEN-T Network recently extended to the Western Balkans, where most Border Crossing Points (BCPs) are located. It also tests specific ICT solutions for streamlining freight transport in ADRION ports, setting standards, which could be used within Electronic Data Interchange interfaces at BCPs.

### ADRIPASS and the MACRO REGIONAL DIMENSION:

ADRIPASS project is **EUSAIR labelled project** - within the "Soft measures" category for Pillar II - Connecting the region.



ADRIPASS project was mentioned as a **best practice** in the "2nd Report on the implementation of EU macro-regional strategies" - from the Commission to the European Parliament, the Council, the European Economic and Social Committee and the Committee of the Regions



## ADRIPASS overview



ADRIPASS



### Duration

36 months  
(01/01/2018-  
31/12/2020)

### Budget

1,4 M €  
(ERDF+IPAII: 1,2 M €)

### Partnership

11 project  
partners  
+  
11 associated  
partners

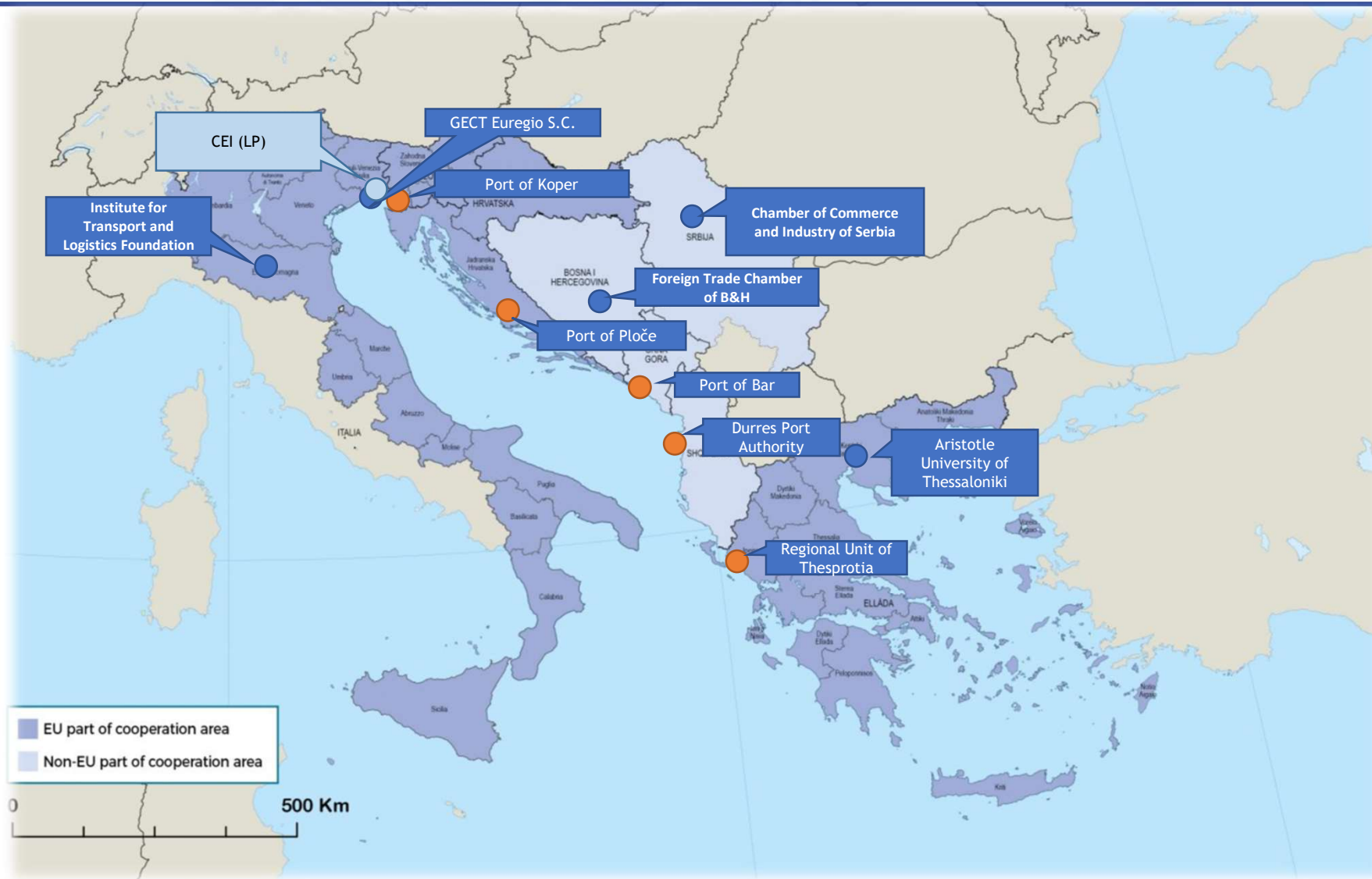
### Countries

8 countries  
involved:  
Italy, Serbia,  
Greece, Slovenia,  
Albania, Croatia,  
Montenegro,  
Bosnia and  
Herzegovina



# ADRIPASS project partners

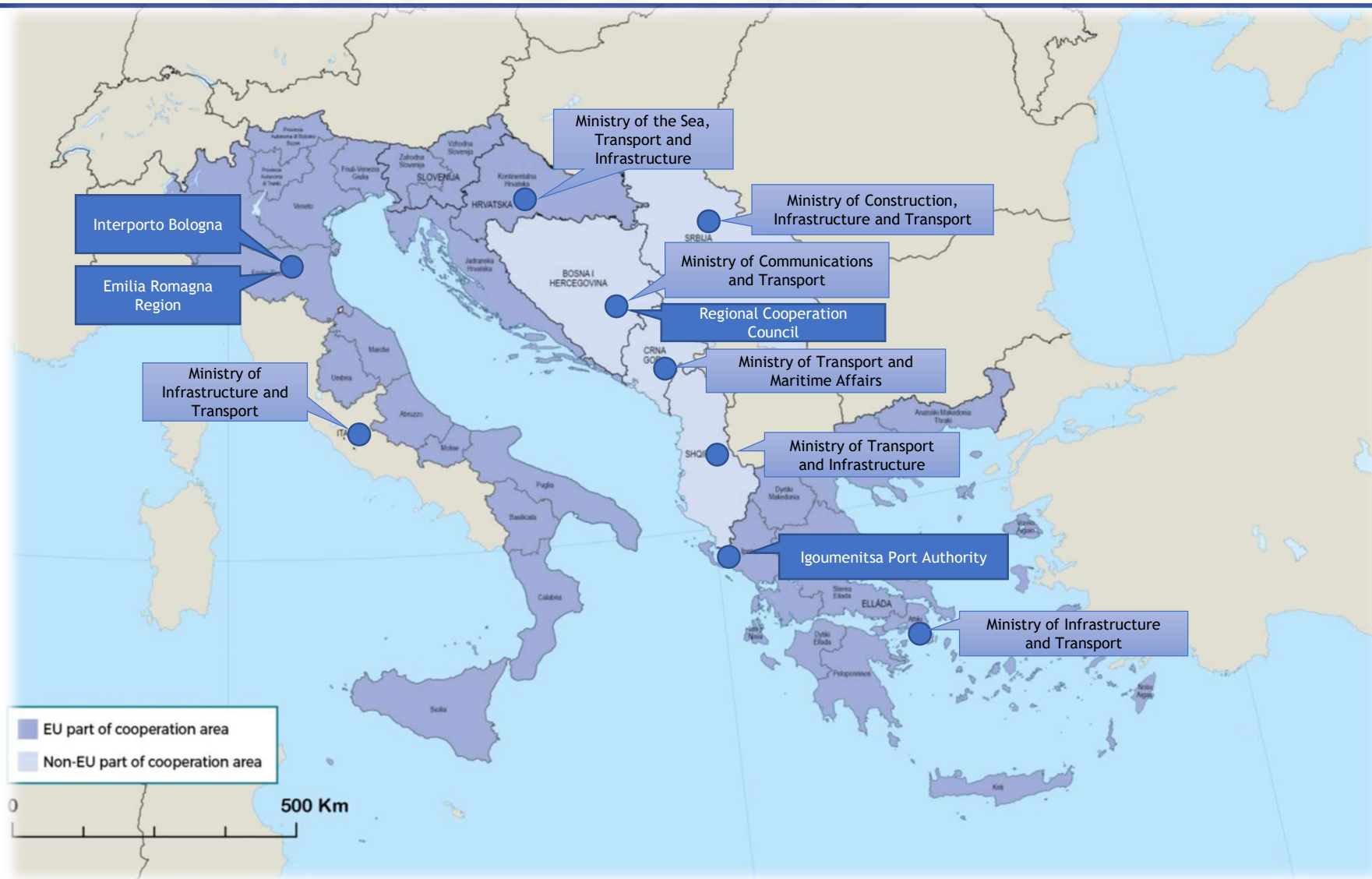
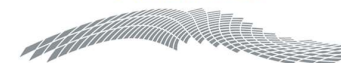
ADRIPASS





# ADRIPASS associated partners

ADRIPASS







## ADRIPASS goal



To improve the planning capacities of transport stakeholders and policy makers facing the same challenges concerning the **multimodal transport accessibility** and **network efficiency** in the **ADRION** region, from both a strategic and operational perspective, through the increased cooperation among them.

By **analyzing bottlenecks** on the TEN-T Corridor sections in the ADRION region.

By **testing ICT solutions**.

By establishing a **vision** for transport facilitation in the ADRION region.



## ADRIPASS goal --> goals



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Data collection  
&  
Final trans. action plan  
for transport facilitation  
in the ADRION region

By **testing ICT solutions**.



5 Pilot actions  
&  
ICT Action plan for  
improving multimodal  
transport

By establishing a **vision** for transport facilitation in the ADRION region.



Trans. cooperation  
network  
&  
Transnational strategy





## ADRIPASS analysis - data collection

ADRIPASS analysed physical and non-physical bottlenecks on the Trans-European Transport Networks (TEN-T) corridor sections of the ADRION region, in order to improve multimodal freight transport in the area.

### FOCUS

**Analysis of BCPs at corridor level and development of Trans-national Action Plan for transport facilitation in the ADRION region.**

Specific attention on those sections recently extended to the Western Balkans, where most BCPs are located.

The analysis was performed with **surveys and data collection.**

- Determine the operational performance
- Identify potential improvements (soft measures)

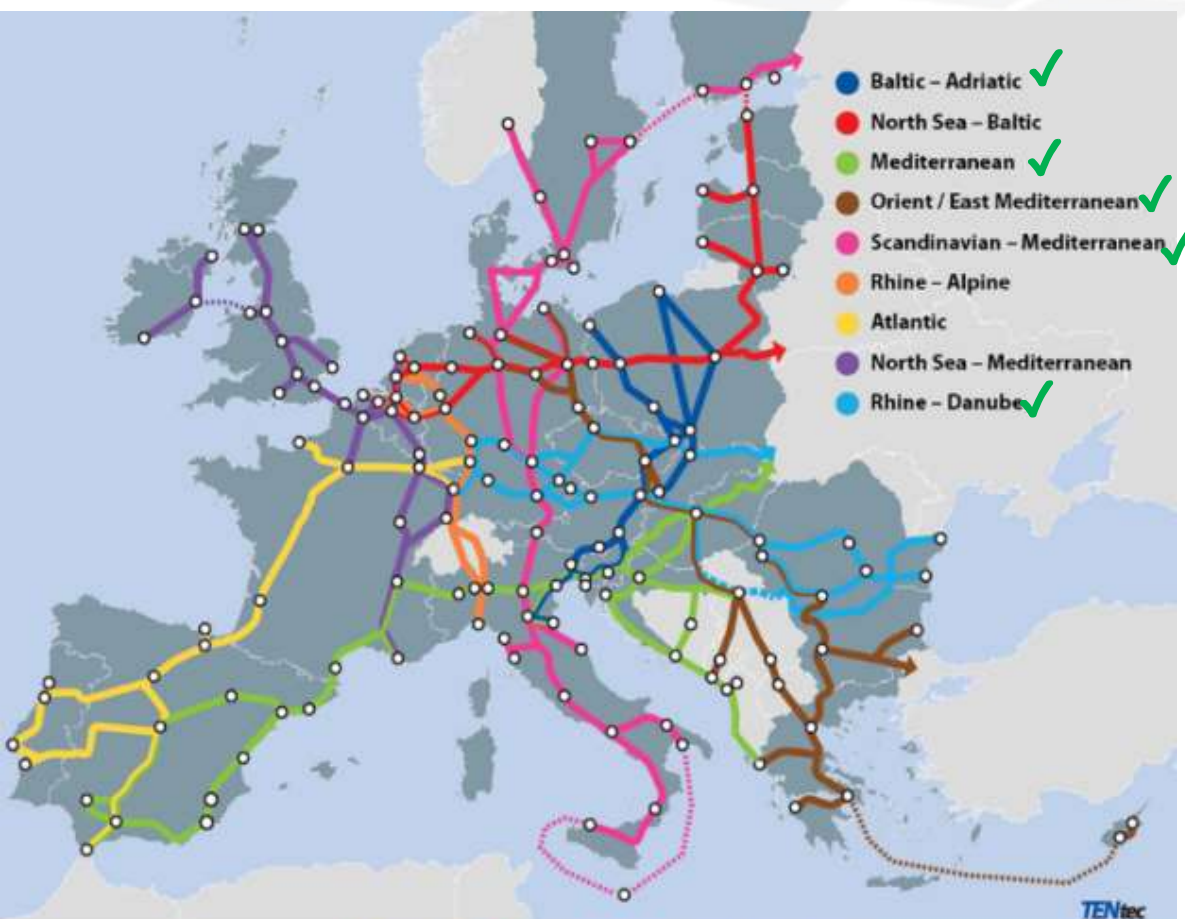


Figure 1: TEN-T core network corridors

## Scope

- Road BCPs
- Railway BCPs
- inland waterways ports
- inland terminals and
- maritime ports

Document available [online](#).



## ADRIPASS analysis - Trans. action plan



Transnational action plan for transport facilitation in the ADRION region is based on a mixed bottom-up and top-down approach (data collection + relevant strategic studies/plans).

### FOCUS

The action plan proposes priority measures to be taken at corridor level for overcoming the identified bottlenecks, complementing the results already achieved in past experiences.

**Macro-categories** were identified for problems, barriers or bottlenecks that affect the intermodal transport in the ADRION region, and relevant solutions.

Supplementary **sub-categories of measures** were identified to reflect the aim of the ADRIPASS project - to improve intermodal transport in the ADRION Region **with a focus on the adoption and deployment of ICT tools and solutions to solve operational and administrative barriers**, and support the interconnection between the logistics nodes.

Document available [online](#).



# ADRIPASS analysis - Trans. action plan

ADRIPASS



Category	ID	Problem Definition	Measure Definition	Type of Problem / Measure
Information Technology	IT	Deficiency of existing ICT technologies / solutions for the digitalisation of processes and system interoperability	Improvement / upgrade of the existing ICT infrastructure to foster transport digitalisation, the interoperability of communication and data sharing systems	Non-physical / soft
Operation and administration	OA	Inadequate staff number and competences, lengthy and paper-based procedures, long waiting times of intermodal and border crossing procedures	Hiring of additional / specialised personnel and provision of training courses to increase the quality of the working staff; implementation of ICT solutions to solve Operational and Administrative problems	Non-physical / soft
Telematic application for traffic management	TEL	Lack or deficiency of the existing telematic applications for traffic management	Deployment or upgrade of telematic applications for traffic management to the EU standards	Non-physical / soft
Utilities	U	Lack or poor conditions of the basic utilities (internet, telephone, drinkable water, toilettes, lit, etc...)	Provision of basic utilities (internet, telephone, drinkable water, toilettes, lit, etc...)	Non-physical / soft
Equipment	E	Lack of adequate equipment affecting the efficiency and effectiveness of processes at BCPs and transport nodes. This includes machinery, such as cranes weighbridges, x-ray scanners, etc...	Purchase and installation of equipment for the improvement of the process efficiency and effectiveness at BCPs and transport nodes	Non-physical / soft
Last Mile and hinterland connections	LM	Deficiency in the last-mile and hinterland transport interconnecting system (both inside and outside the node area)	Infrastructure improvement or expansion of the road and rail last-mile connections within and outside the node areas	Physical / hard
Infrastructure	I	Need of major infrastructure works and/or minor investments to remove physical and technical barriers, affecting operations and capacity of the infrastructure	New construction or modernisation of existing infrastructure aiming to remove physical and technical barriers or to increase the actual capacity	Physical / hard
Clean Fuels	CF	Lack of alternative clean fuels supply facilities	Realisation of alternative clean fuels supply facilities	Physical / hard

Macro-categories

Main problems

Main measures



## ADRIPASS testing - Pilot Actions



With 4 pilot actions (Koper, Bar, Ploce, Igoumenitsa), and 1 pre-investment study (Durrës), ADRIPASS was:

FOCUS

**Testing specific ICT solutions (upgrades of PCs) for streamlining freight transport in ADRION ports, setting standards which may be replicated to Electronic Data Interchange interfaces at BCPs.**

The objective of the implementation of ICT tools and applications is to reduce problems and inefficiencies and to improve the performance of these corridors, by achieving:

- Elimination (reduction) of bottlenecks.
- Increase of transport capacity.
- Reduction of time needed for processes to be performed at the nodes.
- Promotion of multimodal transport.



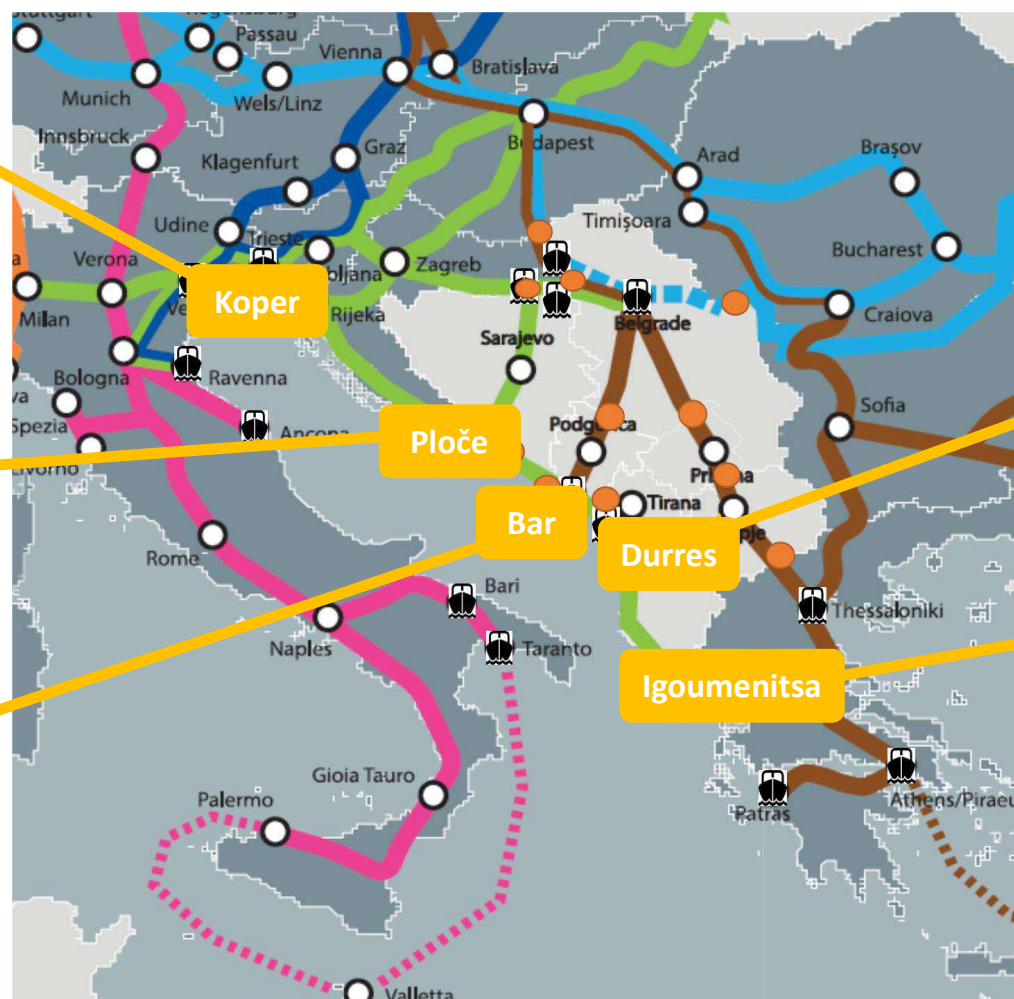


# ADRIPASS testing - Pilot Actions

ADRIPASS



Map of Core Network Corridors, Ports and BCPs of interest in ADRION region



## Port of Koper

- ACAR Hybrid System ✓
- Vehicle Booking System upgrade ✓
- EDI center upgrade ✓

## Ploče port authority

- PCS upgrade ✓
- Improved communication with port supply chain ✓

## Port of Bar

- PCS upgrade ✓
- Possible mobile solutions ✓
- Control Center upgrade ✓
- Truck Module upgrade ✓

## Durres port authority

- Pre-investment analysis ✓

## Regional Unit of Thesprotia

- Platform for PCS flows analysis ✓
- AR virtual navigation mobile app ✓





## ADRIPASS testing - ICT Action Plan



ICT action plan for improving multimodal transport in ADRION regions is based on activities from the pilot actions.

### FOCUS

**Promote the development of ICT tools at ADRION level in order to improve transport links between ports and hinterland logistic centres, as well as multimodality in the region.**

The development of tools dedicated to the digitalization of solutions that enable a better link with the hinterland and the speed up of procedures on the logistic chain.

Document available [online](#).



# ADRIPASS **vision** – Transnational Strategy

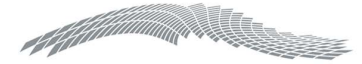
Based on the results from project's analysis and testing phases, ADRIPASS will seek to provide a clear **vision and policy recommendations** by defining a

## FOCUS

**Transnational strategy for the enhancement of multimodal transport efficiency and competitiveness of the transport sector in the ADRION region**

Strategy's mission:

- **Supporting cooperation among key stakeholders** (port authorities, terminal/logistic operators, freight forwarders)
- **Providing guidelines to policy makers at national level** (ADRION national Ministries of Transport) to implement measures to multimodal transport facilitation on the TEN-T Corridors in the ADRION region.
- increase the capacity of ADRION transport policy makers at European level (European Commission - DG MOVE, DG REGIO and DG NEAR - European Transport Corridor Coordinators, Transport Community) **to plan and implement transport facilitation measures** in ADRION region, with a special focus on the recently extended TEN-T Corridors to the Western Balkans.



MISSION  
GOALS  
MEASURES

To ensure faster, safer, more efficient and more effective multimodal transport and logistics services and competitive cargo operations in the Adriatic-Ionian Region

Develop multimodal operations across all modes of transport in the multimodal transport chain

To improve ICT technologies for the digitalization of processes and system operability in the main multimodal nodes

Promotion of multimodal transport as environmentally friendly transport solution

**Simplification** of the administrative procedures at border crossing points

Improve **cooperation** among all participants in the multimodal transport chain

Development of **ICT tools** at the main multimodal nodes

Improve **staff knowledge** and adequate **equipment** for staff and users in the main multimodal nodes

**Stimulative** measures to promote multimodal transport



## ADRIPASS **vision** – Cooperation network



The Strategy will be the object of **Letters of Support** to be signed by Project Partners, Associated Partners and invited institutions, as to ensure the highest level of political commitment and durability towards its concrete implementation, setting up a **permanent transnational cooperation network**.

### FOCUS

Setting up an enduring multilevel and multidisciplinary transnational cooperation network will guarantee an important impact on sustainable transport in this transnational area and beyond.

Project  
partners

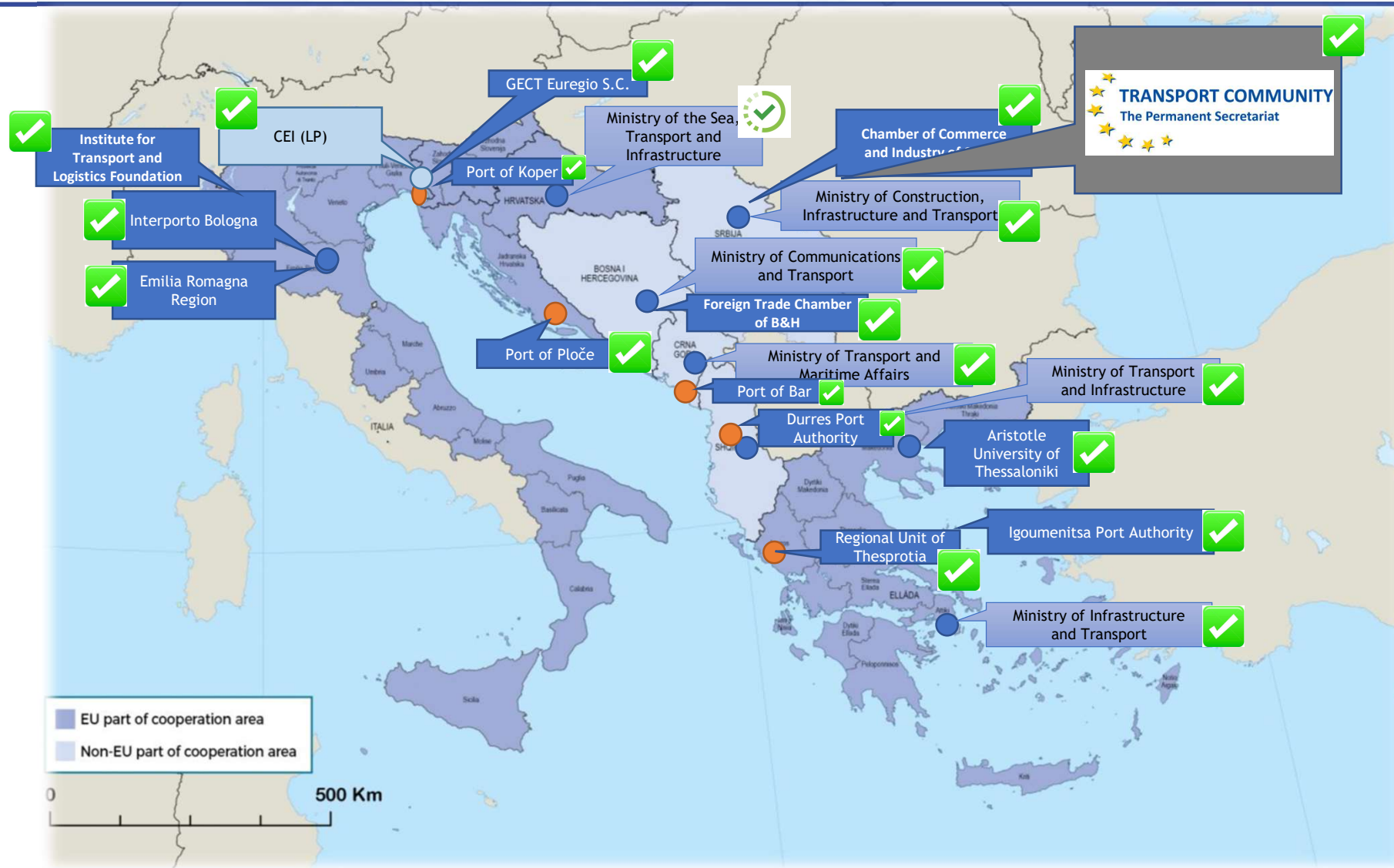
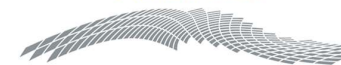
Associated  
partners  
(ADRION national Ministries  
of Transport, Freight  
Villages, Regions, Ports)

Relevant  
stakeholders  
(e.g. TCT)



# ADRIPASS vision - Acknowledgements

ADRIPASS





# Thank you for the attention!



Paolo Dileo

Central European Initiative (Lead Partner ADRIPASS)



<https://adripass.adrioninterreg.eu/>



[dileo@cei.int](mailto:dileo@cei.int)



+39 040 7786 769



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