



TransEU Road Transport Corridor

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TODAY...

The EU road transport sector is facing **unprecedented challenges** having to:

-  address the transition towards a climate neutral future,
-  protect its competitiveness against other part of the world,
-  avoid investment leakage outside of the EU,
-  safeguard employment,
-  maintain economic growth in an unpredictable economic context.

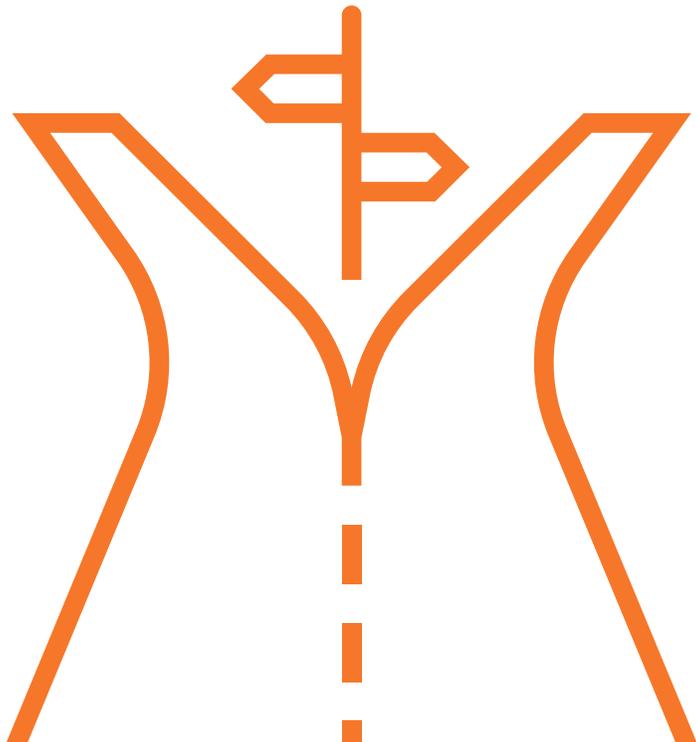
A stylized graphic of a road sign on a blue background. The sign is orange with rounded corners and contains white text. The background features a brown road with a dashed center line and a brown signpost with two horizontal arms, one pointing left and one pointing right.

In this period of uncertainty, a European breakthrough project is needed:

**LARGE SCALE DEMONSTRATION
OF ZERO-EMISSION, AUTOMATED ROAD
TRANSPORT
IN A EUROPEAN LONG-HAUL CORRIDOR**

HOW TO DO THE CORRIDOR?

Cumulative items



Multinational corridor (> 3 countries)



Long distance (> 1500 km)



> 500 Heavy Duty Trucks, fully electric & with automated driving functionality (up to "Level 4 testing")



Charging infrastructure, every 50km:

- 20 ~ 30 chargers for HDV (1 MW each)
- 40 ~ 60 chargers for PCs (350 kW each)



Road infrastructure with 100% "digital twin"



Corridor and vehicles fully connected



Integration of 20 000 electric cars including automated functionalities



Integration of logistic hubs and regional distribution centres



Elaboration of new services, business and operative logistics models



Development of the related management tools



Automated road inspection and maintenance



Scalability of the existing infrastructure

WHAT IS THE TRANSEU ROAD TRANSPORT CORRIDOR?



Large scale demonstration

To showcase the vision of the future road transport system:

- **Real-world mixed traffic**
- **Heavy and light-duty vehicles**
- **Long-distance**
- **Zero-emission**
- **Connected & Automated mobility**
- **Grid integration**
- **Full deployment of the necessary infrastructures**



OPPORTUNITY

- ... to showcase EU excellence in technology and the outstanding achievements of EU funded activities.
- ... to highlight the ability of the EU to develop world class solutions whilst keeping investment in the EU – in line with the Green Deal Industrial Plan (GDIP).
- ... to get experience and to learn.

WITH EVERY CONCERNED STAKEHOLDER

To allow the interconnection between digitalisation and electrification, across the entire value chain, all stakeholders must be involved:



STAKEHOLDERS BEHIND THE INITIATIVE



In consultation with:





THANK YOU

www.ertrac.org
www.2zeroemission.eu

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