



Enhancing planning competences of coordinated multimodal freight transport through ICT

Testing enhanced coordination of multimodal freight transport in CE through ICT pilot actions

Providing an operational framework for coordinated multimodal freight transport through ICT in CE

KNOWLEDGE TOOL AND STRATEGIES

Territorial Need Assessment remarks

- Better management of the rail transport services are needed for the ports. In connection with this request, the development of ICT is a key element.
- The modern communication techniques should be more used, instead of old fashion modes (e.g. paper based documents, phone calls, fax).
- Flexible integration of ICT systems is an important IT development for the ports.
- The continuous infrastructural development is a key element for increasing the traffic in ports, but this require high investments.
- Intermodality plays an important role in the medium and long-term development strategies. Especially the railway infrastructure development is required.
- It is very important to continue efforts to modernize port processes.

TRANSNATIONAL TOOLBOX

Proposals for possible solutions until year 2030

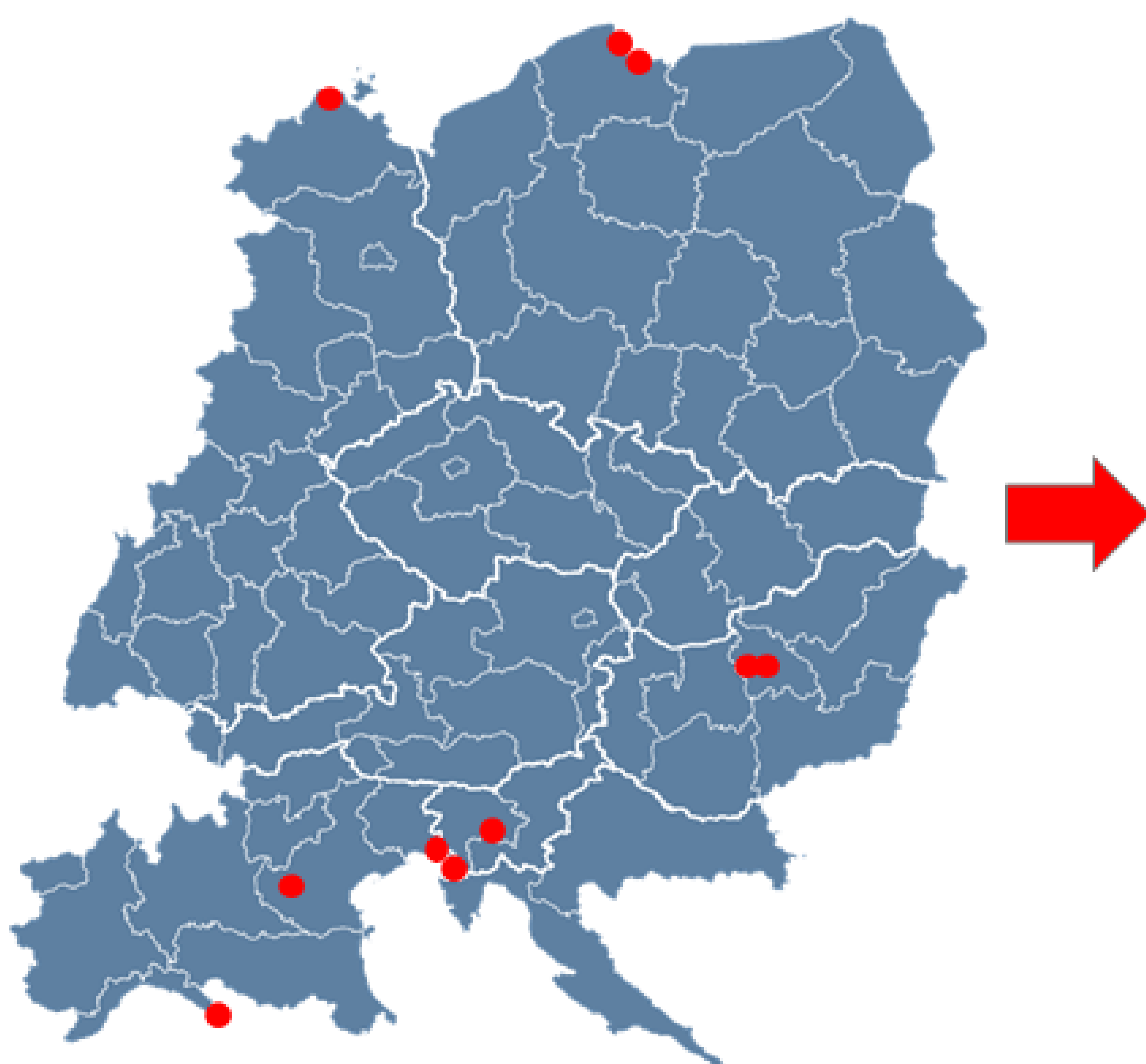
- Development of PCS through modular solutions allowing to integrate the system with new ICT tools from different software providers;
- Digitization of processes through the purchase of scanning equipment which is able to provide and share instantly the data about wagons and containers;
- Unification of interfaces of the systems of different stakeholders under common standards all over CE, for a unique model to be used for the same processes and types of data to be shared through the same logistic chain.

PILOT ACTIONS

Each partner tested the cooperation platform and the detailed strategies through Pilot Actions aiming to optimise, manage and automate port and logistics processes as well as to foster e-data exchange between them, improving coordination among multimodal logistic nodes. Testing enhanced coordination of multimodal freight transport in CE through **10 concrete ICT Pilot Actions**:

- Trieste: upgrade of the train module of the PCS
- Verona: upgrade of the IT platform used by the intermodal terminals
- La Spezia: upgrade of the corridor management platform connected with the rail/road terminal of Verona
- Rostock: preliminary study for the installation of a scanner for freight units
- Koper/ 1: installation of a scanning system
- Koper/ 2: IT interface to exchange data related to the position, composition and content of the train
- Gdynia / 1: pre-feasibility studies for the improvement of the port railway traffic management system
- Gdynia / 2: EDI for integrating systems of the whole multimodal chain
- Hungary / 1: standardized interface for data exchange between port terminal and IWT and other logistics stakeholders
- Hungary / 2: IT platform as to enable one-to-one data exchange with the Port of Trieste

BEFORE COMODALCE ...



... AFTER COMODALCE



This transnational cooperation project is funded by Interreg CENTRAL EUROPE and aims to improve coordination among freight transport stakeholders.