

## COMBINE – Project

*Strengthening Combined Transport in the Baltic Sea Region*

<b>Funding Programme</b>	Interreg Baltic Sea Region Programme
<b>Project Partners</b>	14 partners from: BE, DE, DK, FI, LT, LV, PL, SE
<b>Associated Partners</b>	14+ from BY, DE, DK, FI, LV, PL and SE
<b>Project Budget</b>	3.49 mil € (ERDF co-financed: 2.72 mil €)
<b>Duration</b>	January 2019 – June 2021



## SUMMARY

COMBINE aims at enhancing the share of combined transport (CT) in the BSR in order to make transport more efficient and environmentally friendly.

The challenge of CT is the efficient and competitive combination of transport modes. This results in additional handling efforts that must be compensated by lower transport cost of the main leg and last mile of the transport chain. The longer the main leg and the shorter last mile, the more competitive CT is in general. In the BSR due to rural structures (spatially scattered transport volumes/long last mile), comparatively low transport volumes (especially CT-capable volumes) and a long tradition of pure road transport, CT can hardly compete with road transport and thus the share of CT is low. This results in inexperience and insufficient knowledge about CT and thus low exploitation of the CT potential.

COMBINE will overcome these challenges. New technologies regarding main leg transport, terminal handling and last mile operation as well as modern and efficient transport organisation are opportunities for the BSR. It is vital to use the benefits of each mode and to optimize each part of the transport chain where appropriate to inhibit pure road transport.

COMBINE follows a comprehensive transport service-related approach to strengthen all parts of the transport chain: main leg, terminal handling and last mile.

With this structure and a strong partnership, COMBINE will contribute to a closer cooperation of policy level, stronger support for CT in the BSR and finally a stronger role of CT in the BSR transport system.



## MAIN OBJECTIVES

- Increasing the share of combined transport in the BSR
- Increasing knowledge regarding combined transport and combined transport terminals
- Strengthening the BSR transnational approach in national transport plans
- Supporting the implementation of innovative technologies in the BSR
- Enhancing the competitiveness of combined transport
- Fostering a stronger support for the BSR specifics regarding combined transport by European and national legislation

## BENEFITS OF COMBINED TRANSPORT

- The optimal connection of strengths of the different modes of transport (capacity/flexibility)
- Cost advantages through mass transportation vehicles
- High transport security on the railway
- Easing on the roads
- Reduction of noise and CO2 emissions
- Business advantages (e.g. 44 t regulation, exceptions from driving bans, vehicle tax exemption, lower toll charges)
- Defined transit times → rest periods can be omitted
- Reduction of vehicle costs

### Intermodal terminals in the BSR

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### What is combined transport?

As defined by the Combined Transport Directive (92/106/EEC), combined Transport is “where the major part the journey is carried out by train, ships or barges and is served by a short road leg in the beginning and/or end of the journey. In combined transport the goods are loaded into intermodal loading units (e.g. containers) in the beginning of the journey and these loading units are moved from one type of transport to another without reloading the goods themselves (transhipped). Combined transport is thus both a type of intermodal and multimodal transport.”



## PLANNED ACTIVITIES AND OUTPUTS WITHIN COMBINE

### Combined transport in the Baltic Sea region: challenges and opportunities

*Target groups: transport ministries, administrations, shippers, carriers and industry players*

- Overview on the combined transport market in the BSR
- Concept for setting up national and international combined transport chains within the BSR
- Potential analysis of transport innovations for the BSR

### Optimize combined transport operation in terminals

*Target groups: terminal and transport operators, potential CT customers, transport politicians*

- Benchmark analysis of terminal operation in the BSR
- Increasing awareness, knowledge and acceptance of terminal handling and operation innovations
- Combined terminal strategy for the BSR
- Pilot case: Special truck regulation zone near terminals to booster CT

### Capacity building for sustainable last mile transport

*Target groups: transport ministries, administration, shippers, transport operators*

- Overview on innovative last mile solutions to strengthen combined transport
- Test-field development for platooning on Helsinki-Tampere highway
- Feasibility of cross-border operation of innovative technologies (DE/DK)
- Last-mile concept for the multimodal platform Bydgoszcz-Solec Kujawski
- Round table with national transport ministries

### Framework conditions for combined transport (regulatory / support programmes)

*Target groups: transport ministries, administrations, European Commission*

- Benchmarking of existing combined transport funding schemes
- Non-financial support to boost combined transport in BSR
- Dialogue with national politicians and European Commission
- Recommendations for adoption of rules and regulations for better consideration of BSR specifics such as rural structure, low transport volumes and long last mile
- Recommendations for BSR specific support schemes



## PARTNERSHIP

In COMBINE 14 partners from BE, DE, DK, FI, LT, LV, PL, SE join forces to work towards a higher share of and better knowledge about combined transport in the Baltic Sea Region. Further COMBINE has 14 selected associated partners from BY, DE, DK, FI, LV, PL and SE. They will actively support the project partners in their respective fields.

All national ministries of transport are involved as partner or associated organisation. Further, regional and local public authorities, infrastructure and public service providers, business support organizations, interest groups, enterprises and research institutes are participating. This wide range of different experiences, responsibilities and networks ensures valuable and accepted outputs, bringing the aimed change to the BSR.

Project Partners	Associated Organisations
Port of Hamburg Marketing (Lead Partner)	German Ministry of Transport and Digital Infrastructure
German promotion center for intermodal transport	Hamburg Port Authority
Danish Transport, Construction and Housing Authority	Rail Net Denmark
Danish Road Directorate	Danish Ministry of Transport, Building and Housing
JSC "Lithuanian Railways"	Swedish Transport Administration
Latvian Logistics Association	Finnish Transport Agency
University of Gdansk	Finnish Transport Safety Agency
Kujawsko-Pomorskie Voivodeship	SKAT Transport
City of Bydgoszcz	VAN Cargo S.A.
Center for Economic Development, Transport and the Environment for Pirkanmaa	School of Business and Management of Technology of the Belarusian State University
Region Örebro County	Finnish Ministry of Transport and Communications
CLOSER/ Lindholmen Science Park AB	Rail Baltica coordinated by RB Rail AS
Hamburg Institute of International Economics	STRING network
International Union for Road-Rail Transport	Polish Ministry of Maritime Economy and Inland Navigation

***We would be grateful about your support too! Please contact us.***

### Lead Partner Contact Details

Port of Hamburg  
Marketing  
Pickhuben 6  
D - 20457 Hamburg

Ms Nikola Kosvancova  
+420 224 891 298  
[kosvancovy@portofhamburg.com](mailto:kosvancovy@portofhamburg.com)

Mr Stefan Breitenbach  
+49 40 37709 121  
[breitenbach@portofhamburg.com](mailto:breitenbach@portofhamburg.com)

