

Background

Gdynia is a key port gateway and an entry and exit hub for the eastern branch of the TEN-T Baltic-Adriatic Corridor (BAC) with its primary transport infrastructure. The railway links form the European Freight Corridor No. 5, the road connections of E-75 and E-77 have the European status, while the maritime stretches compose short sea shipping connections with many Baltic ports as well as an important Motorway of the Sea (MoS) between the ports of Gdynia and Karlskrona.

At the same time, Gdynia serves as a key urban node where the last mile TEN-T corridor infrastructure mixes with the infrastructure for regional and local traffic.

As stated in the TEN-T Guidelines, in urban nodes seamless connection should be ensured between the two subsets of infrastructure. However, no guidance has been issued how to achieve that. Neither is advice available how to combine it with the need to improve accessibility and multimodal capacity of the TEN-T core seaport in the context of dynamically growing volumes. The current last mile access networks are not able to carry the flows, forecasted to almost double in 2027, and nearly triple in 2045. This threatens Gdynia port's capability to long-term serve supply chains in the global and the Baltic trade dimensions.

Gdynia transport node pilot case in a nutshell

The pilot case establishes a cross-border (Gdynia-Karlskrona) city-port community group to address the above last mile transport challenges and work out solutions to the issues resulting from but not reflected in the BAC corridor implementation:

- What is the range of the Gdynia transport node and who will finance the infrastructure?
- Where and how exactly will the Gdynia node infrastructure be implemented and who will use it?
- How to ensure co-modality in the node area?
- How to deal with the fact that the Port of Gdynia is situated in the city centre?

The competence of involved stakeholders will be employed to add – on top of the investments foreseen in the BAC Work Plan – further measures needed to match the capacity in freight and passenger traffic of the city & port with a constant increase in trade and maritime tourism. Among these will be: cost effective and resource-efficient infrastructure (hardware), intelligent transport solutions (software) and integrated management (orgware, such as e.g. multi-level governance).

The pilot case will provide know-how to policy and business stakeholders on how to build adequate public investments and efficient city-port logistics models for the purpose of sustaining the competitive transport gateway and node position in the global, the Baltic and the local/regional contexts.

It will promote low burden solutions for port-bound freight traffic in order to balance the goals of intermodality and interoperability on one hand, and sustainable urban mobility on the other.

Pilot Case Objective:

Improve the growth and prosperity potential of the Gdynia port and city area, situated as a key entry & exit node on the Baltic-Adriatic Corridor

How to exploit the TEN-T potential for prosperity, sustainable development & territorial cohesion?

Analyses and activities

- Bottlenecks and missing links within the BAC last mile section – from the interoperability and sustainable urban mobility perspectives
- Traffic development forecasts till 2050 vs. capacity of the port-city infrastructure
- Last mile capacity studies for the Gdynia transport node
- Better traffic management between port terminals and logistics/distribution centres in the port-city area
- Potential for extending the BAC northwards (via the MoS links) and enhancing its catchment area (Gdynia, Tczew, Bydgoszcz, Łódź)

Communication with the involved public and private target group

- Management of stakeholder interests through the tailor-made Gdynia Forum of the BAC
- Online communication tools via the website and the „Lighthouse“ newsletter

Road Map - Action Plan

- A holistic approach to the corridor's last mile development with established multi-level governance model
- Add-on to the BAC Work Plan
- Measures to be included in the city, port and metropolitan area development
- Benchmark for other urban/transport TEN-T core network corridor nodes
- Reference for business decisions on supply chains to and from the Port of Gdynia

Gdynia transport node pilot case contacts



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