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Pentathlon - Ports of Stockholm, Helsinki, Tallinn, Turku and Naantali - together



The PENTA project explores the alternatives of how the five Central Baltic ports together can face and better comprehend the challenges of today and in the future.



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Work Packages



The ports of Stockholm, Tallinn, Helsinki, Naantali and Turku play a key role in the accessibility of the Central Baltic Region. Effective, competitive, eco-friendly, safe port procedures and sea transportation solutions between the five cities, all have a major importance on the trade between the port regions and between the three countries. On a wider international scale, the connections between these ports serve a main gateway to international trade.

The PENTA project explores the alternatives of how the five Central Baltic ports together can face and better comprehend the challenges of today and in the future.

By developing cargo and passenger flows development scenarios, the partners create a shared vision about the likely development of cargo and passenger transportation.

The project also identifies the ongoing and coming legislative measures and trends that will effect on port procedures and regulative framework.

Finally, the ports exchange information on current port practices and create harmonious future practices, specifically related to safety and security procedures, environmental practices and management, and other administrative procedures in ports.

WP1: Project coordination (CMS)

CMS is responsible for the overall coordination of the project activities and management of the project, including e.g. monitoring of the progress of the project and reporting, communication with project partners, project's steering group and other stakeholders, dissemination of the project's results, and arrangement of meetings and workshops.

WP2: Passenger and cargo flows, and estimations for future (CMS)

An analysis of the cargo and passenger flows in the Baltic Sea region will be made focusing on routes between the PENTA ports. Prognosis on how these flows will develop in the future and creation of scenarios will be made together with ports and project partners. Proactive measures how ports can face future challenges will also be elaborated.

WP3: Environmental actions and benchmarking future requirements

Analysis of the present status of environmental performance of Penta ports are carried out. Analysis will focus in

particular on two issues: 1) What is an efficient way to come to terms and maintain good relations between PENTA ports and their local communities with focus on environmental issues? and 2) What is an efficient way to lower environmental impact on cargo handling in PENTA ports (transport of cargo to and from ports, within ports, loading/unloading cargo etc)? Based on analysis proactive measures how the ports can tackle present and future environmental challenges will be given.

WP4: Safety, security and administrative procedures

Analysis of international and national legislation, port regulations, and coming requirements on safety, security and administrative procedures with ports will be conducted. Work will focus on finding possibilities to solve existing bottlenecks and harmonize procedures especially concerning liner traffic, and thus to improve the competitiveness of the ports and sea routes between them.