



PORT SZCZECIN-ŚWINOUJŚCIE

Creating value in the port sector by placing a special emphasis on port infrastructure projects



Tallin, 27-29 Sept. 2017



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Port

A place having facilities for merchant ships to moor and to load / unload cargo or to disembark or embark passengers to / from vessels, usually directly to a pier.

(Council Directive 95/4/EC, 8.12.1995)



- Turnover
- Vessel traffic
- International passengers traffic

Port Authority

Port authority, while managing port infrastructure, should create the best working conditions for port market participants, inspire and take actions to improve the functioning and availability of ports.

Example of range of activity (Polish seaport authority):

- management of property and port infrastructure,
- forecasting, programming and planning of the development of ports,
- construction, extension, maintenance and modernization of the port infrastructure,
- obtaining real estate for needs of port development,
- services connected with use of the port infrastructure,
- assurance of access to port facilities receiving waste from ships for the purpose of delivery to salvage or disposal.



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Development of port functions



**Transportation
function**



**Logistics-
distribution
function**



**Port related
industry function**



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Contemporary trends in transport

- Changes in the structure of the world fleet
- Increase in container-, shortsea- and intermodal traffic
- Creating integrated transport systems
- Protection of the environment

Investment projects – following the trends and changes

Sea and hinterland access infrastructure

- Deepening of the Świnoujście-Szczecin waterway to 12.5m
- Improving of the Odra river navigability
- Improving rail access to the ports
- Improving road access to the ports

Port infrastructure

- Construction of a container terminal in Świnoujście
- Construction of a berth for export of LNG in the outer port of Świnoujście
- Adjusting of the ferry terminal in Świnoujście to handle intermodal transport
- Construction of deepwater quays in Szczecin and Świnoujście
- Extension of port infrastructure in the general and bulk cargo handling areas in Szczecin

Land port management

- Areas dedicated to the Wespomeranian Logistic Centre
- Development of investment areas at Ostrow Grabowski in Szczecin
- Development of investment areas in the outer port in Świnoujście



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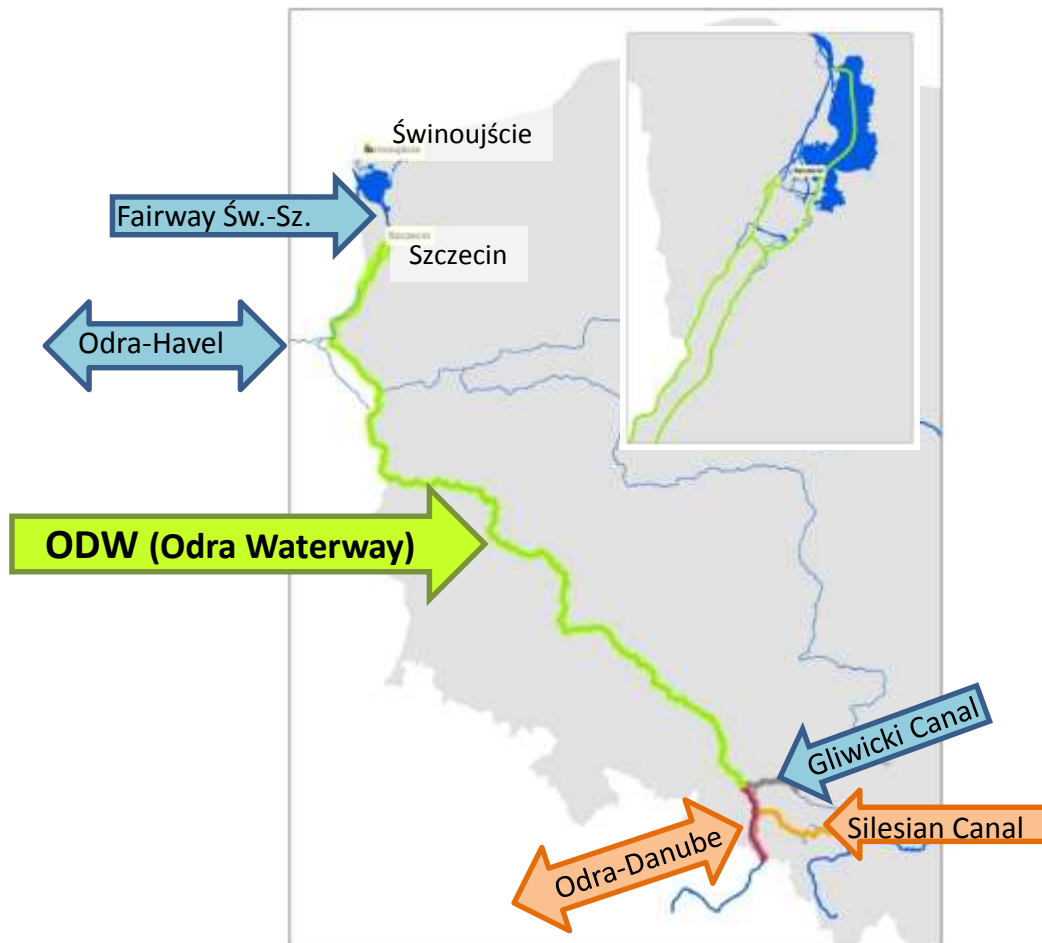
Deepening of the Świnoujście-Szczecin waterway to 12.5m

Dla Szczecina
12,5 m



- Improving the functioning and availability of the Szczecin port from seaside;
- Strengthening competitive position of the Szczecin-Świnoujście port complex;
- Decreasing of unit transportation costs;
- Attracting new cargo flows and port related investments,
- Increasing effectiveness of utilization of port terminals;
- Positively influence attractiveness of the Western Pomeranian Region economy.

Improving of inland waterways access to the ports



- Odra Waterway (ODW) is one of the access way to the ports of Szczecin and Świnoujście.
- Modernization to at least IVth international class of navigability is necessary for the effective use of ODW.
- At present the Feasibility Study is currently under preparation. Modernization costs of ODW are initially estimated at PLN 30 billion.
- After modernization, the ODW will become an element of the TEN-T network.



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Improving road and rail access to the ports



- ◀ Express road S3 – the element of the international road E65
- ◀ Railway net E-59 and CE-59

- Modernization of access roads to the port of Szczecin: Rebuilding communication system in Miedzyodrze area
- Modernization of access roads to the port of Świnoujście: Efficient and friendly access to the port of Świnoujście infrastructure
- Improvement of access to the railway in ports of Szczecin and Świnoujście



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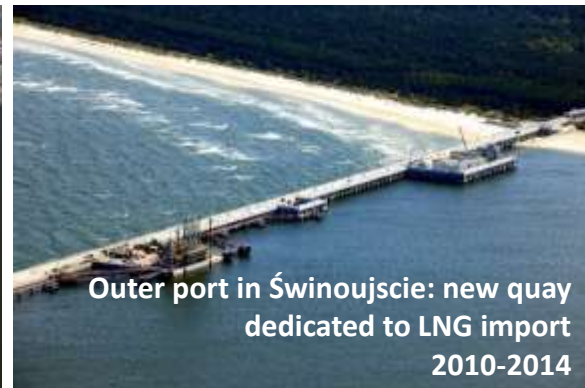
Development in the field of port infrastructure



Ferry terminal in Świnoujście:
- new ferry post
2012-2015



Grain terminal in Szczecin:
- new quays
2011-2015



Outer port in Świnoujście: new quay
dedicated to LNG import
2010-2014



Szczecin & Świnoujście:
- new parking places
2014-2015



Szczecin & Świnoujście:
- modernized road infrastructure
2011-2014

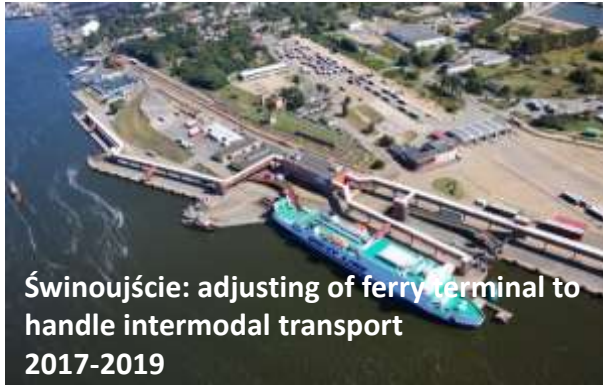


Szczecin & Świnoujście:
- modernized rail infrastructure
2011-2014



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Development in the field of port infrastructure



Świnoujście: adjusting of ferry terminal to handle intermodal transport
2017-2019



Construction of a berth for export of LNG in the outer port of Świnoujście:
2020-2021



Szczecin & Świnoujście:
construction of deep water berths -
2019-2021



Extension of port infrastructure in the
general cargo handling area: 2019-2021



Extension of port infrastructure in the
bulk cargo handling area: : 2019-2021



Szczecin&Świnoujście:
extension and modernization of
technical infrastructure
2018-2020



Development of investment areas at Ostrow Grabowski in Szczecin

- Total area: 170 ha
- Different grade of land development.



- **3 new quays** on the western side of the Ostrów Grabowski Peninsula – dedicated to handling of **general cargo** (containers, conventional cargo and heavy lift products).
- **3 new quays** for **bulk cargo** on the eastern side.
- **25 ha** in the central part for **port-related industry**.



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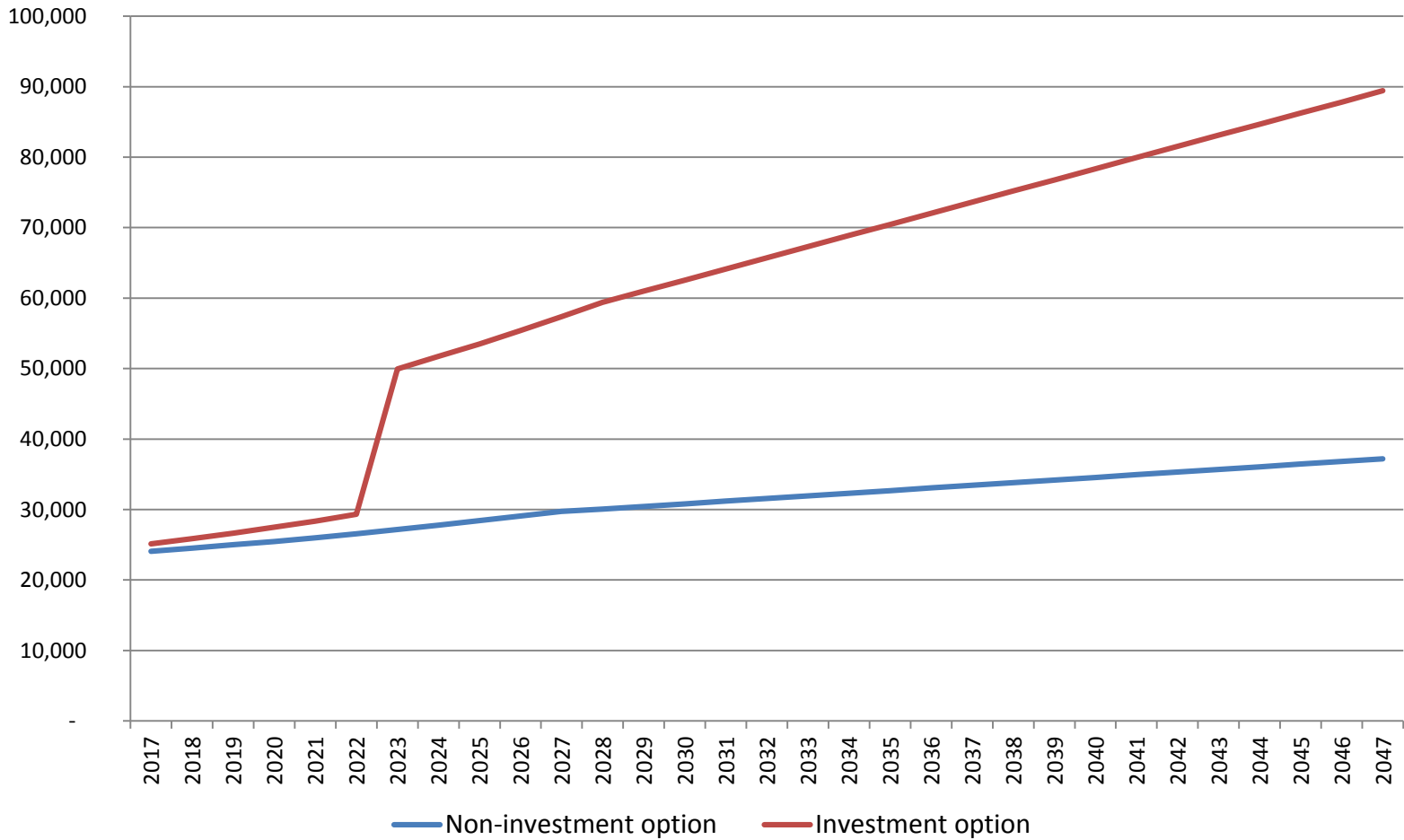
Development of investment areas of outer port in Świnoujście



- Location: east of the outer port in Swinoujscie
- Hub-terminal – possibility of service ocean-going vessels
- The target annual capacity of **1.5 million TEU**
- Capital expenditures of abt. **2.3 billion PLN.**

Effects of port infrastructure development

Forecasted total cargo turnover in the port of Szczecin-Świnoujście in the years 2017-2047 (tonnes)

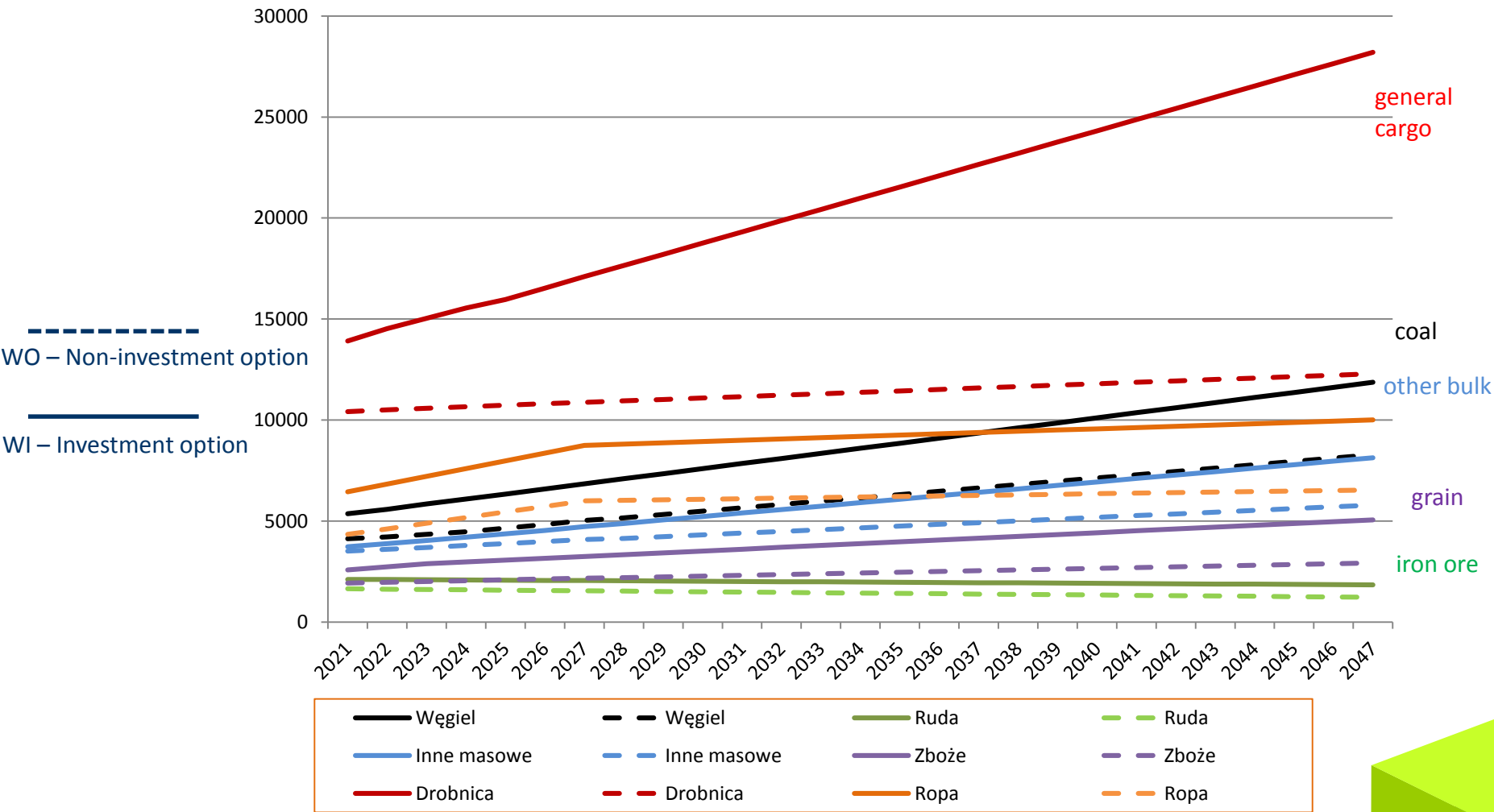




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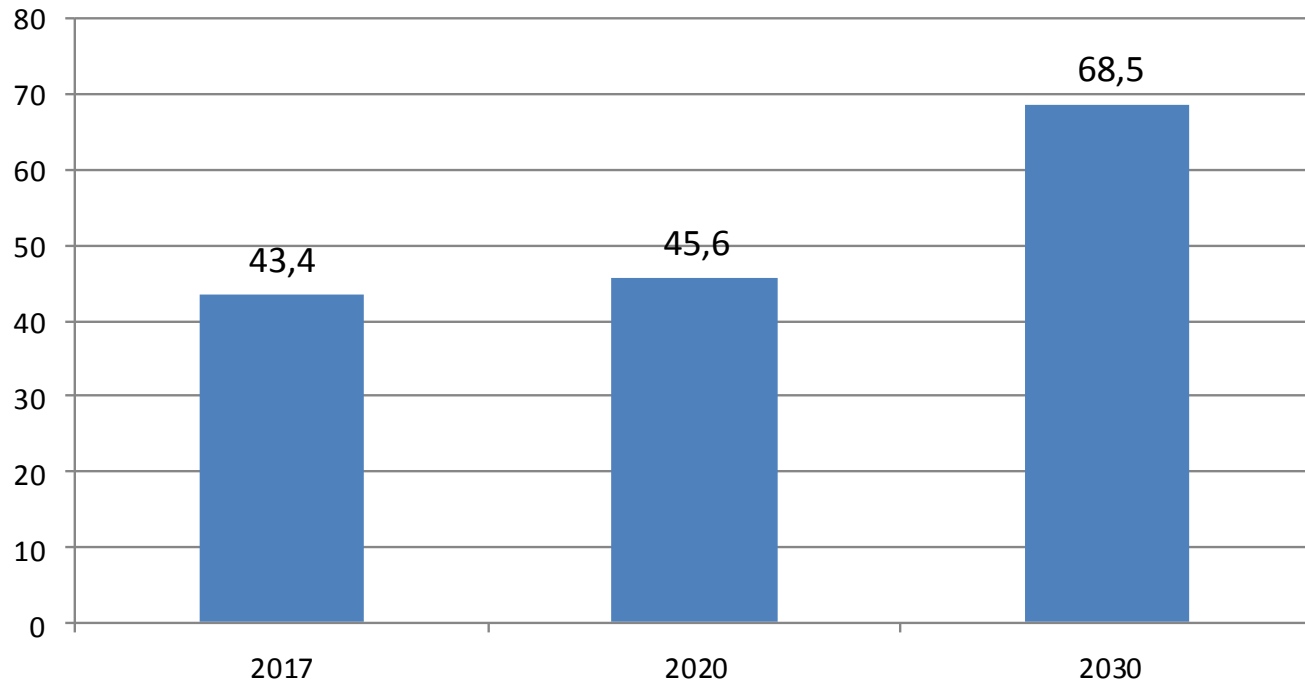
Effects of port infrastructure development

Forecasted cargo turnover by cargo group in the port of Szczecin-Świnoujście in the years 2021-2047 (tonnes)



Effects of port infrastructure development

Forecasted transshipment potential in the port of Szczecin after realisation port infrastructure development projects (mio. tonnes)



Effects of port infrastructure development



Estimated **total socio-economic benefits** in maritime transport throughout the reference period of the investment projects (2021-2040) will amount to **over PLN 2.7 billion (EUR 660 million)**.



As a result of the implementation of the investment projects, in the port of Szczecin throughout the reference period (2021-2040), the **increase in generated gross value added** will amount to **PLN 2 billion (EUR 478 million)**.



As a result of the deepening of the fairway Świnoujście – Szczecin, the development of port production contributes to the **increase in employment** in direct port operations **by 1,547 people**.



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Effects of the Odra Waterway development



- Companies located along the Odra Waterway generate about **10 million tonnes** of maritime traffic each year, which can grow **to 20 million tonnes** per year by 2020.
- With an increased navigational class; with about 250 days of sailing in the year, the specific conditions will be created for taking over about **10 million tonnes** of cargo a year in relation to ports in Szczecin and Świnoujście **by inland waterway transport.**
- With **the IV class of navigation**, with a the deepwater container terminal in Świnoujście, and with the further future deep water bulk terminal, it is expected to shift to inland waterway transport of further cargo, of which approximately **100 thousand TEU** of containers.



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Port Szczecin-Świnoujście **at the center of attention** **in the center of Europe**

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