

# **Investment planned by the Polish Government to be financed with the support of EU-CP for the Silesian Canal**

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**Department of Water Management and Inland  
Navigation**

**The Ministry of Maritime Economy  
and Inland Navigation of the Republic of Poland**

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# HOW WE GET EUROPE'S CARGO FLOWING

We live in a world of rapidly advancing technology and customer expectations. At the same time there are macroeconomic challenges including an ageing population, climate change and scarcer resources. The need for a stable and sustainable future is driving companies to seek effective collaboration. By encouraging businesses to collaborate in logistics, we can cut fuel costs and CO2 emissions by 60 to 80%. The key is cargo consolidation – that means combining multiple shipments. With advanced information sharing systems, joint warehousing and shared transport we make waterway transport a reality for businesses who thought that they were stuck on the road and we free up the road for cargo which can only go by road. It's an intelligent solution.

## CONNECTING

### PEOPLE



Connect companies to share information, transport and warehousing to bundle cargo

### INFORMATION



Develop and deploy River Information Services that will integrate with transport logistics information services to help consolidate cargo

### BUSINESS



Prioritise ports and terminals as the key regional nodes for logistics activity, jobs and successful low carbon transport

### INFRASTRUCTURE



Provide reliable waterways and integrated connections to other forms of transport. This means increasing the share of investment for infrastructure

### TECHNOLOGY



Bring in regulations & incentives encouraging innovation in organisation, infrastructure and vehicles

SEAPORT

SHARED INFORMATION

FACTORY

CLEAN TRUCK

FREIGHT TRAM

SEAPORT

FREIGHT TRAIN

CITY PORT

WATER TRUCK

WATER TRUCK

CLEAN TRUCK

FREIGHT TRAM

SHOPS

# Assumptions for the development plans of inland waterways in Poland for 2016-2020 with 2030 perspective

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Construction  
and  
modernization  
of waterways  
important for  
transport

I

**The Odra Waterway (E-30)**  
- achieving international class of navigability  
and linking into European waterways network

II

Vistula Waterway (E-70/E-40)  
- significant improving of navigability

III

Links Odra-Vistula-Zalew Wiślany (E-70)  
and Vistula-Brzest (E-40) -  
extending of international waterways

IV

Development of partnership and cooperation  
to support inland waterways development



## Core corridors of the TEN-T network vs. Polish assumptions for the development plans of inland waterways



## Priority N° 1.

**The Oder Waterway (E-30) -  
navigability achievement of  
international class and  
integration in the European  
waterway network**

1.1. Removal of bottlenecks

1.2. Adaptation of the Oder River  
Waterway to the parameters of  
class Va

1.3. Building the Polish section of  
the missing Danube-Oder-Elbe  
link

1.4. Construction of the Silesian  
Canal



# The construction of the Silesian Canal (new waterway)

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## Description:

- The purpose of the project is to construct the Silesian Canal, which aims to link the navigable section of the waterway of Upper Vistula near Cracow with Odra Waterway near Kędzierzyn-Koźle as well as to connect it to the European waterway system. As a result of the construction the Silesian Canal will be a waterway of international importance.
- The project would give an opportunity to use this new waterway as a transport route for a large scale of cargo from the industrialized regions of Cracow and Silesia to Wroclaw, further to Western Europe and in the Czech Republic (through a connection of Koźle – Ostrava).

Cost: At the moment the estimated cost of the investment for the Silesian Canal is approx. 2.6 billion EUR. The final estimation of the project value will be known from the pre-feasibility study.

# Framework

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## Programmes for the Oder Waterway and the Waterway of the Vistula River:

- Within the framework of development plans of inland waterways in Poland, the Ministry of Maritime Economy and Inland Navigation continues to work on Programmes for the Oder Waterway and the Waterway of the Vistula River.
- The Silesian Canal as well as the Polish section of the missing connection between the Danube-Oder-Elbe (DOE) are projects with a large economic potential. The DOE connection of Kędzierzyn-Koźle with the industrial region of Ostrava will be a functionally separate section generating significant flow of goods.
- The Odra Project is also very important for the development and competitiveness of the Sea Port Szczecin and Świnoujście.



# Framework

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## Pre-feasibility study:

- Pre-feasibility study for Odra Waterway has already started and the results of analyses and studies will provide specific information with regard to the scope of investments necessary for the development of inland waterway transport and the detailed costs and benefits associated with their implementation.
- The draft program will be subject to a strategic and cross-border environmental impact assessment, in accordance with the requirements of the Polish and the EU law.
- We have already started a public consultation with local authorities (municipalities). Public participation is and will be ensured in the future consultations.



# Demand for project services

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## Forecast:

- The project will allow to connect the waterway of the upper Vistula with the Odra Waterway, which will contribute to the development of inland waterway transport and will also affect the economic development of the regions.
- Obtaining constant operational parameters of ECMT class IV (at least) enable the proper functioning of the shipping route, ensure the efficiency of cargo transport by inland waterway transport and safety of navigation.
- The linking of the Upper Vistula with the European waterway system through the canal will be an important step in integrating this waterway into the European transport system, including the TEN-T network.

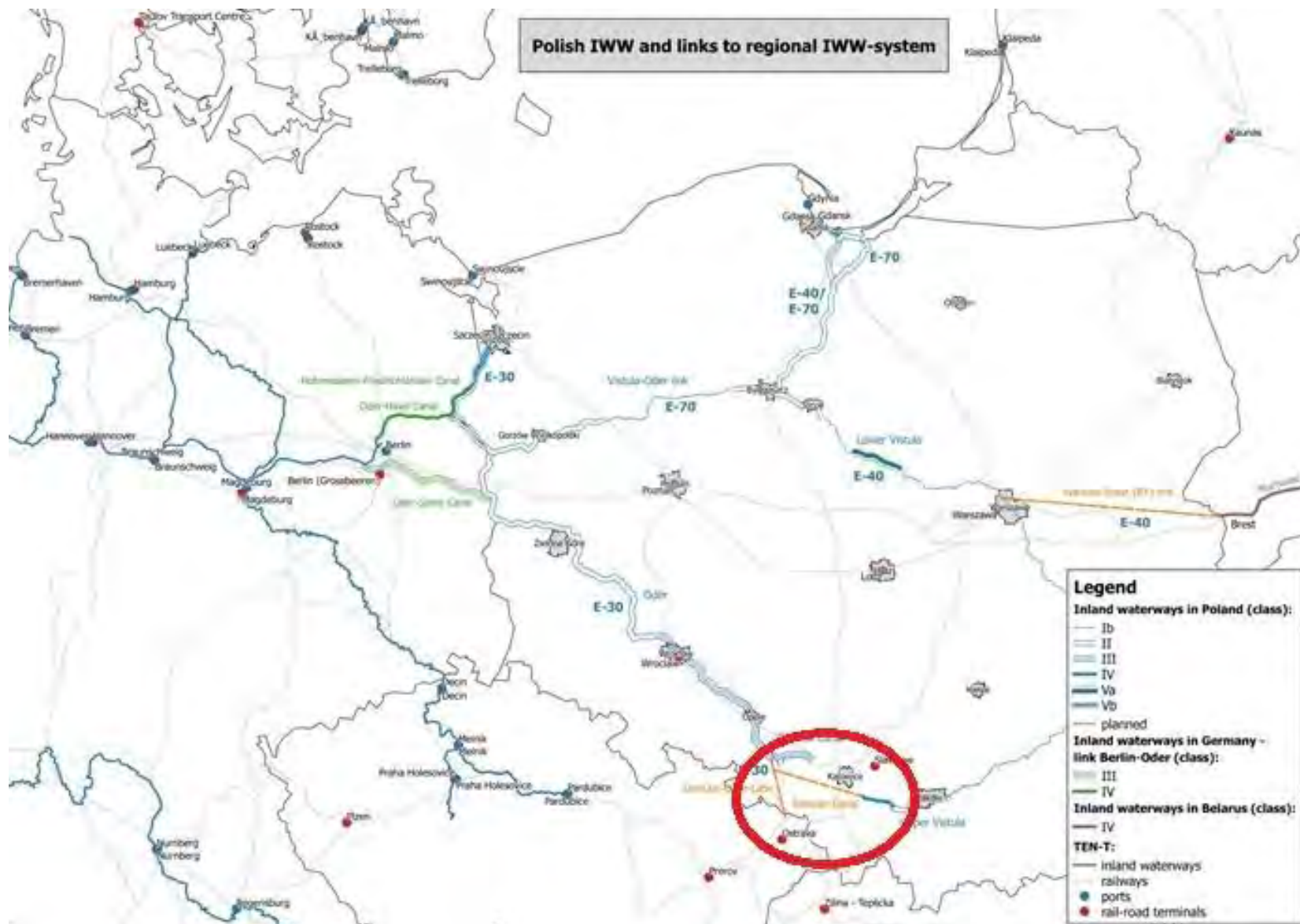
# Demand for project services

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## Characteristics of target market sectors:

- The construction of the Silesian Canal will affect the relieving of roads and railway lines on the Wrocław – Kraków route and will become the fundamental element connecting and integrating the southern regions of Poland: the Lesser Poland, Silesia, Opole regions, and further Lower Silesia.
- Regions in the area of the Odra Waterway (Silesian, Opole, Lower Silesia, Greater Poland, and West Pomerania) have a significant socio-economic potential.
- According to data of the Central Statistical Office of Poland for 2015, they had 38.2% share in the total population of Poland, they generated 38.7% of national GDP and had 44.7% share in the value of sold production.

# Project location



# The Project objectives:

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- strengthening the economy (creating new jobs),
- obtaining the necessary connection between the sewer section of the Upper Vistula waterway and the Odra Waterway and further including in the TEN-T network,
- creation of a linking element integrating the southern regions of Poland,
- improving the region's competitiveness through the development of the logistics and shipbuilding industry as well as tourism and leisure activities,
- ensuring safe navigation,
- supporting environmentally friendly inland water transport (green transportation),
- reduction of transport costs,

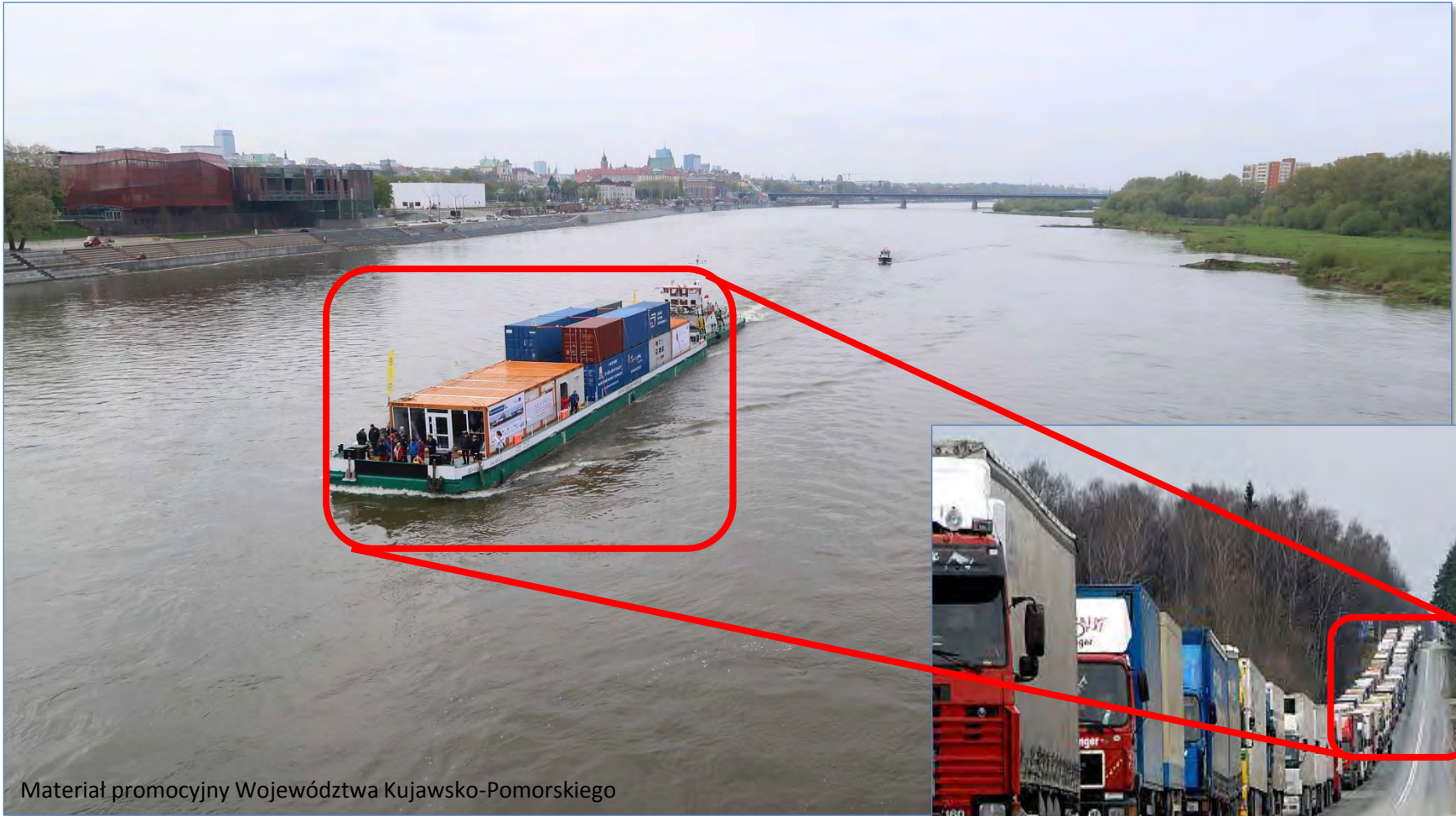


# The Project objectives (aim of the project):

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- development of sustainable transport system and renewable energy,
- creation of an international transport network with uniform parameters will contribute to stimulating the development of international cooperation,
- cooperation with road and rail transport (multimodality), which is associated with reduced congestion,
- reduced noise,
- ensuring a higher degree of reliability of the transport system in transporting large-size loads,
- increasing the share of inland waterway transport in transport services,
- building and strengthening cross-border cooperation (Polish – Czech – Slovak cooperation).

# Why do we do it?



Materiał promocyjny Województwa Kujawsko-Pomorskiego

[https://www.google.pl/search?q=40+tir%C3%B3w&client=firefox-inms&tbn=isch&sa=X&ved=0ahUKEwjknVLVwvTQAHC1ywkHYdB\\_CuYQ\\_AUICsgC&biw=1680&bih=917#imgsrc=azcrGcLwg4MAXM%3A](https://www.google.pl/search?q=40+tir%C3%B3w&client=firefox-inms&tbn=isch&sa=X&ved=0ahUKEwjknVLVwvTQAHC1ywkHYdB_CuYQ_AUICsgC&biw=1680&bih=917#imgsrc=azcrGcLwg4MAXM%3A)

# Thank you for your attention

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