



INWAPO Strategic Project

Upgrading of Inland Waterway and Sea Ports

INWAPO PROJECT AND ITS RESULTS

“VI BAJA GRAIN PARTNERSHIP CONFERENCE”
5th June 2014, Baja - Hungary



Place/Date Baja, 5/06/2014

Event Transnational dissemination event

Speaker Ms Silvia Baldassin



CONTENTS:

- 1. *INWAPO PROJECT AND ITS GOALS***
- 2. *ACTIVITIES AND RESULTS***
- 3. *TRANSNATIONAL ACTIVITIES OF INWAPO***

A GATEWAY TO THE HEART OF EUROPE

INWAPO increases the attractiveness of waterborne transport by:

- improving the efficiency of the river and sea ports
- fostering freight traffic on waterways
- strengthening the integration of ports' infrastructures in the logistics chain with connections from ports to the hinterland

INWAPO AT A GLANCE

- **1 of the 18** Central Europe Programme projects dealing with accessibility and multimodal logistics
- **1 of the 7** Central Europe Programme strategic projects
- **7** countries involved
- **13** project partners
- Financed with a total amount of **€ 3,8 millions**
- **39** months

Start date: October 2011

End date: December 2014

TECHNICAL IDENTIKIT

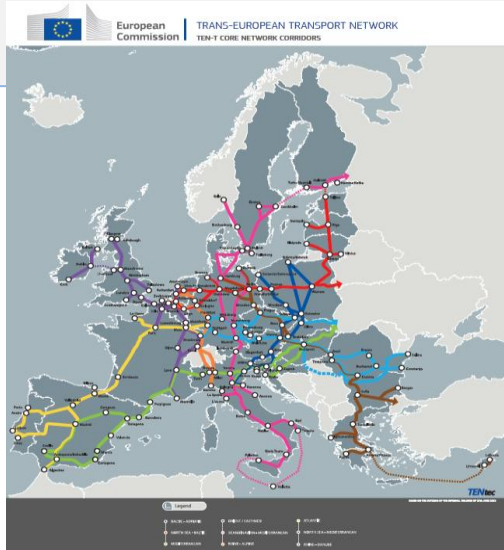
**CENTRAL EUROPE PROGRAMME CALL
FOR STRATEGIC PROJECTS**

Project Concept n.2

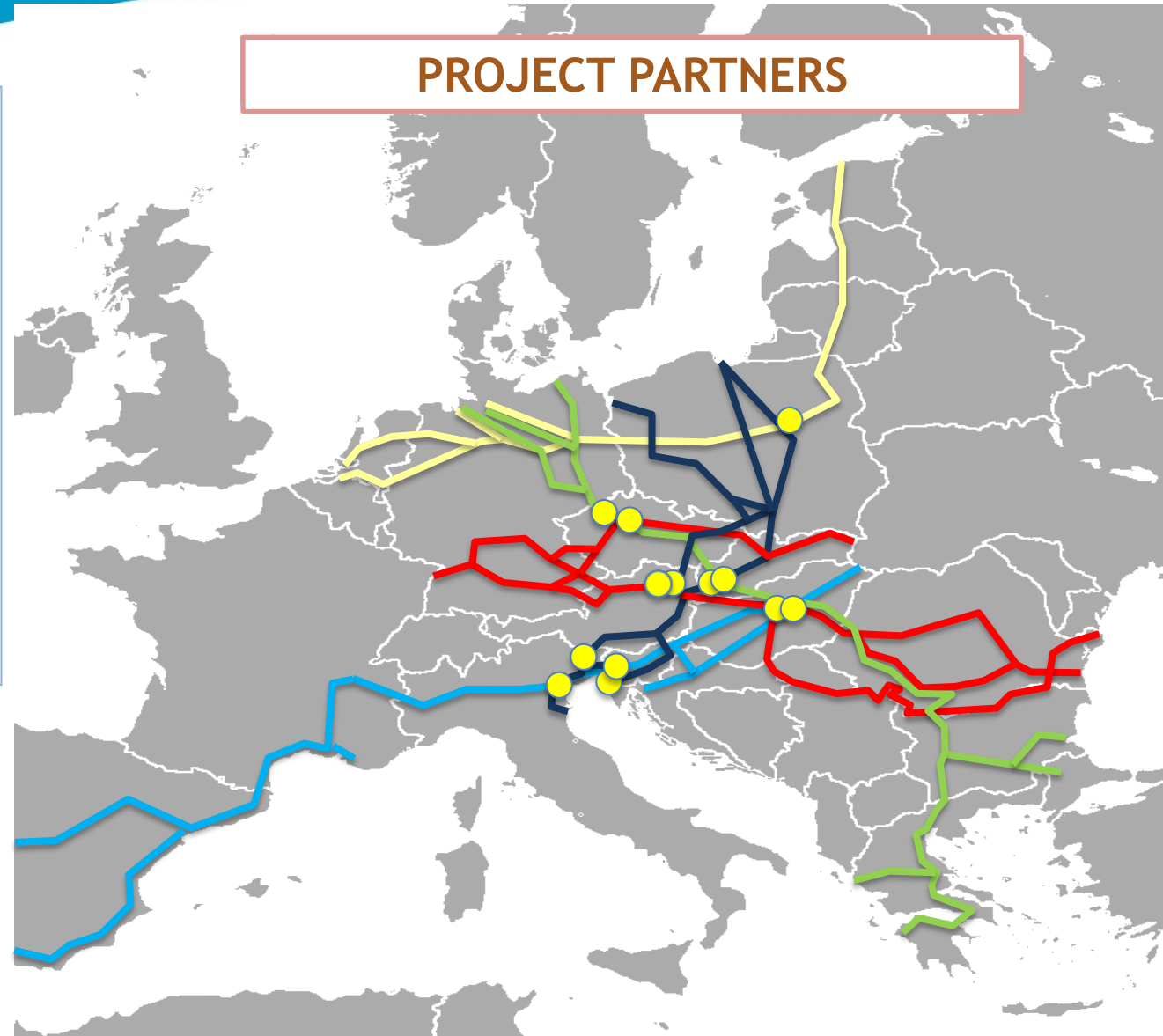
- Priority 2.2
- Developing Multimodal Logistics' Cooperation



1. VENICE PORT AUTHORITY (IT) - LP
2. VIADONAU (AT)
3. PORT OF VIENNA (AT)
4. MINISTRY OF TRANSPORT OF CZECH REPUBLIC (CZ)
5. REGIONAL DEVELOPMENT AGENCY OF USTI REGION (CZ)
6. GENERAL DIRECTORATE OF WATER MANAGEMENT (HU)
7. FREEPORT OF BUDAPEST LOGISTICS (HU)
8. TRIESTE PORT AUTHORITY (IT)
9. EINE - NORTH EASTERN INDUSTRIALIZATION BODIES (IT)
10. DEVELOPMENT AGENCY OF MAZOWIA REGION (PL)
11. SLOVAK SHIPPING AND PORTS (SK)
12. PUBLIC PORTS (SK)
13. LUKA KOPER (SI)



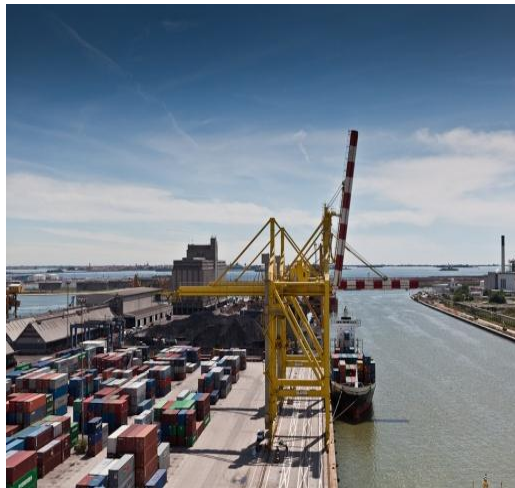
PROJECT PARTNERS



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KEY PLAYERS ARE THE PORTS



NORTH ADRIATIC PORTS (IT-SI)	DANUBE PORTS (AT-HU-SK)	ELBE, Odra, WISLA PORTS (PL-CZ)
VENICE (IT) TRIESTE (IT) KOPER (SI)	WIEN (AT) BUDAPEST (HU) BRATISLAVA (SK) KOMARNO (SK) STUROVO (SK)	MELNIK (CZ) LOVOSICE (CZ) USTI NAD LABEM (CZ) DECIN (CZ) GDANSK (PL) POLISH PORTS (WARSAW, PLOCK, WLOCLAWECK ETC.)

MAIN GOALS:

- establishing the ports as fully equipped with tri-modal transport hubs
- shifting additional cargo into waterways
- connecting river and sea ports with new multimodal services

GENERAL OBJECTIVE

provide support to:

- the implementation of investments in intermodal infrastructures
- and
- the activation of new intermodal transport services

SPECIFIC OBJECTIVES

promoting better connections of CE ports with their hinterlands as well as with other ports, with focus on the links between inland ports and maritime ports

promoting better integration of different transport modes in the CE area, with specific attention on investments in intermodal solutions and ICT applications for inland and sea ports

ensuring the development of tri-modal transport hubs of the CE area and the balanced development of road, rail, maritime and inland waterway transport

3 STEPS TO REACH OUR GOALS:

- 1. ANALYSIS ON THE POTENTIAL WATERBORNE TRANSPORT**
- 2. FEASIBILITY OF NEW LINKS**
- 3. NEEDS ASSESSMENT AND INVESTMENT PLANS**

Step 1: POTENTIAL WATERBORNE TRANSPORT GENERATED BY THE HINTERLANDS: OPPORTUNITIES IN CENTRAL EUROPE

POTENTIAL DEMAND FOR SEA AND RIVER FREIGHT TRANSPORT SERVICES:

- ➔ ALONG DIFFERENT CENTRAL EUROPE INLAND WATERWAYS - DANUBE, ODRA, ELBE, VISTULA -
- ➔ FOR THE MAIN PORT INFRASTRUCTURES IN THE NORTH ADRIATIC AND BALTIC SEAS

Danube ports: Vienna, Budapest, Bratislava and Komarno

Danube-Odra-Elbe canal

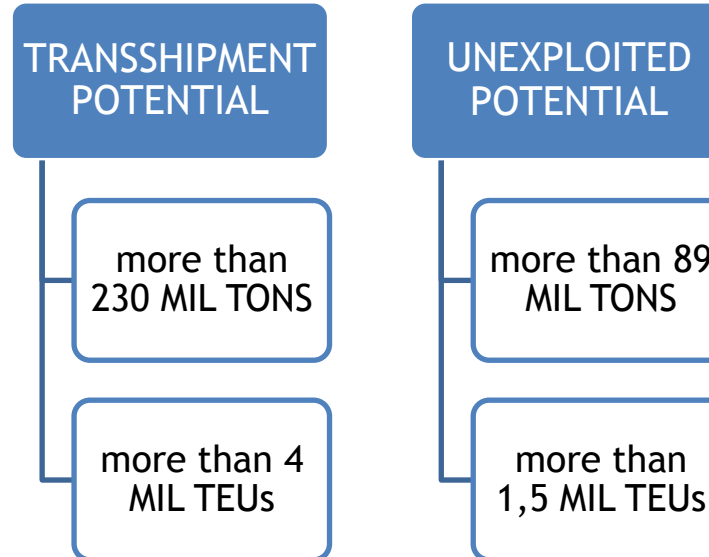
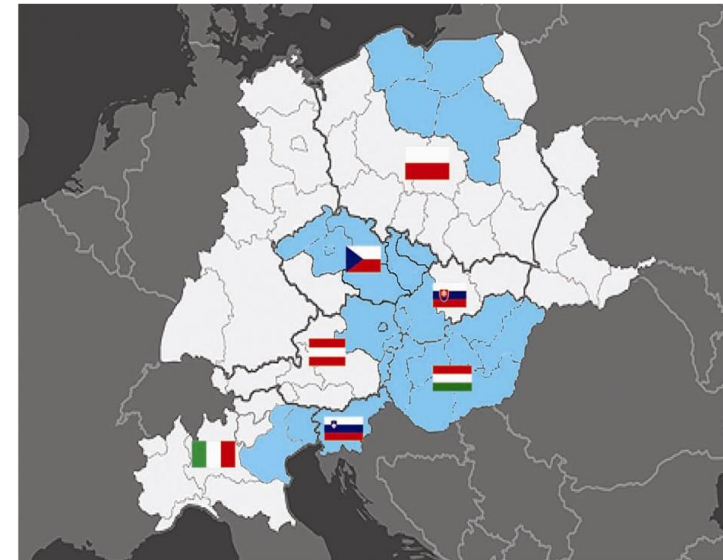
Czech Lower Elbe ports: Mělník, Lovosice, Ústí nad Labem and Děčín

Vistula river: section between Gdansk and Warsaw

North Adriatic Ports: Venice, Trieste, Koper

Infrastructural nodes in the North-East of Italy: Trento, Verona, Padua, Rovigo, Cervignano Freight Villages; Port of Venice, Port of Trieste

COUNTRY	PORTS INVOLVED
AUSTRIA	Port of Vienna
CZECH REPUBLIC	Port of Děčín Port of Ústí nad Labem Port of Lovosice Port of Mělník
HUNGARY	Port of Budapest
ITALY	Port of Venice Port of Trieste
POLAND	Port of Gdansk Port of Elbląg Port of Malbork Port of Tczew Port of Grudziądz Port of Świecie Port of Bydgoszcz Port of Solec Kujawski Port of Toruń Port of Włocławek Port of Płock Port of Warsaw
SLOVAK REPUBLIC	Port of Bratislava Port of Komárno
SLOVENIA	Port of Koper



Step 2: FEASIBILITY OF NEW LINKS - SUPPORT TO THE ACTIVATION OF NEW TRANSPORT SERVICES FOR THE IMPROVEMENT OF PORTS EFFICIENCY: ACTIONS CARRIED OUT

MARKET REVIEW ANALYSIS INVOLVED:

- Austrian market
- Czech Republic area
- Oder and Vistula rivers
- Macroeconomic analysis North East Italy
- Budapest - Csepel Freeport
- Bratislava, Nitra, Trnava Regions
- Port of Koper

IMPLEMENTATION OF NEW WATERBORNE TRANSPORT SERVICES ALONG THE DANUBE RIVER: PORT OF VIENNA AND PORT OF BUDAPEST

ACTIVATION OF INTERMODAL SERVICES LINKING HINTERLANDS AND PORTS: PORT OF TRIESTE AND PORT OF KOPER

INFRASTRUCTURAL AND TECHNOLOGICAL SERVICES TO STRENGTHEN THE ATTRACTIVENESS OF IWT: SLOVAK PORTS

MEETINGS IN THE FIELD WITH THE OPERATORS FOR ASSESSMENT



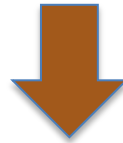
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Step 3: INVESTMENTS AND BUSINESS OPPORTUNITIES FOR THE LOGISTICS OPERATORS

Definition of
common benchmarks
for inland and sea ports

Analysis on
needs assessment
for tri-modality



**PROPOSALS TO LOGISTICS OPERATORS OF INVESTMENT PLANS
FOR THE IMPROVEMENT OF PORT
INFRASTRUCTURES AND SERVICES**



INWAPO PILOT ACTIONS AND INVESTMENTS

PILOT ACTIONS

- ✓ **RELEVANT ANALYSIS AND TEST OF NEW INFRASTRUCTURES AND SERVICES TO BE PRESENTED TO THE LOGISTICS OPERATORS**

PORT OF VENICE

Large scale analysis for the preparation of strategic investments: cost-benefit analysis on infrastructural solutions to open access to large freight flows

ICT INVESTMENTS

PORT OF VIENNA: analysis of added value services offered by the RIS in Austria; software development and consulting services (Electronic Reporting)

PORTS OF BRATISLAVA AND KOMARNO: improvement of port management tools and development of the online payment for port duties

PORT OF BUDAPEST

Small investment to test auxiliary services for waste management

TEST OF NEW SERVICES

DANUBE CASE
POLISH CASE

PORTS INVESTMENTS

- ✓ 3 INVESTMENTS
- ✓ TOTAL BUDGET: € 235.000
- ✓ COMPLETED IN 2013



PORT OF VIENNA

Forklift:
waterside handling and transshipment of goods



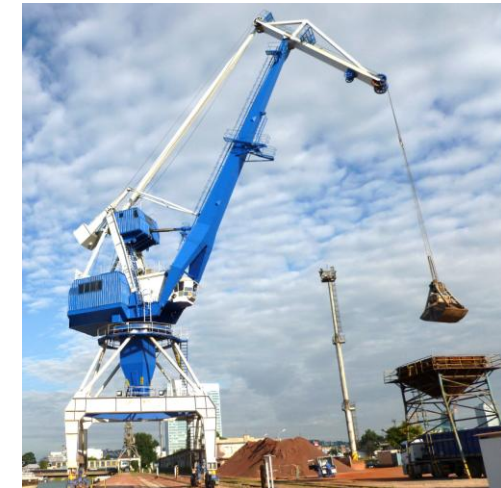
PORT OF BUDAPEST

Provision of water and electricity:
infrastructures at two cargo ship quays → cargo ships have direct access to these infrastructures



PORT OF BRATISLAVA

Renovation of a crane:
attract and handle more cargo and goods which haven't been previously transported by river



**GREENING THE LOGISTICS CHAIN:
ALTERNATIVE TO ROAD TRANSPORT TAKE SHAPE IN CENTRAL EUROPE**

ENVIRONMENTAL ANALYSIS WITH FOCUS ON THE POTENTIAL IMPACT OF INCREASED TRASPORT VOLUMES ON THE RIVER AND MARITIME ENVIRONMENT

DEFINITION OF ONE SET OF ENVIRONMENTAL SUSTAINABILITY BENCHMARK

ENVIRONMENTAL ASSESMENT INTEGRATED IN THE INVESTMENT PLANS

POLICIES



INWAPO WILL LEAD PORT AUTHORITIES, NATIONAL, REGIONAL AND LOCAL INSTITUTIONS



TO IDENTIFY BEST POLICIES PROMOTING MORE SUSTAINABLE AND COMPETITIVE WAYS OF TRANSPORT

TRANSNATIONAL ACTIVITIES OF INWAPO



30th October 2012: Visit to the port of Duisburg

INWAPO TRANSNATIONAL EVENTS...

5th June 2014: presentation of INWAPO at the transnational event “VI Baja Grain Partnership 2014”, Baja - Hungary

7th November 2012: presentation of INWAPO to the EU Parliament (Brussels): “Inland Waterways - All hands on board”, promoted by Mazowia Region (PL)



19th-20th March 2014: transnational INWAPO event for Danube waterways “Danube Business Talks”, promoted by viadonau (AT), Vienna

4th-7th June 2013: participation at the international fair “TRANSPORT LOGISTIC” MUNICH with a dedicated stand and the organization of the INWAPO transnational event held on 5th June 2013

20th-22th November 2013: presentation of INWAPO at the event “Hinterland conference”, Magdeburg

5th March 2014: transnational INWAPO event at the EU Parliament (Brussels): “Connecting European Regions through Intermodal Freight Transport - Challenges and Opportunities”, by EINE - North Eastern Industrialization bodies (IT)

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...AND B2B MEETINGS



20th March 2014
transnational INWAPO event for
Danube waterways “**Danube
Business Talks**”, Vienna



- ✓ PORT OF VIENNA
- ✓ PORT OF BUDAPEST
- ✓ SLOVAK PORTS

10th-12th June 2014
“**Waterway Expo 2014**” fairs in
Bydgoszcz (PL)



- ✓ MAZOVIA DEVELOPMENT AGENCY
- ✓ EINE - NORTH EASTERN
INDUSTRIALIZATION BODIES (IT)

CROSS-FERTILIZATION WITH OTHER PROJECTS

POTENTIAL SINERGIES WITH:

EMPIRIC (Enhancing Multimodal Platforms, Inland Waterways and Railways services Integration in Central Europe)

CENTRAL EUROPE PROGRAMME

CHEMLOG T&T (Tracking and Tracing solutions for improvement of intermodal transport of dangerous goods in CEE)

CENTRAL EUROPE PROGRAMME

NEWADA duo (Network of Danube Waterway Administrations)

SOUTH EAST EUROPE PROGRAMME

GIFT (Green Intermodal Freight Transport)

SOUTH EAST EUROPE PROGRAMME

NEWS (Development of a Next generation European Inland Waterway Ship logistics system)

SEVENTH FRAMEWORK PROGRAMME

WHAT ABOUT THE FUTURE?

- ✓ **INWAPO FINAL ACTION PLAN** → main goal is to fully embed the project results and the development priorities highlighted by the project in the policy initiatives set by the EU institutions and the national authorities



TOWARDS INWAPO 2.0...?

- ✓ **CENTRAL EUROPE PROGRAMME AND THE PROGRAMMING PERIOD 2014-2020:**
 - **PRIORITY: COOPERATING ON TRANSPORT TO BETTER CONNECT CENTRAL EUROPE**
 - **INVESTMENT PRIORITY: ENHANCING REGIONAL MOBILITY THROUGH CONNECTING SECONDARY AND TERTIARY NODES TO TEN-T INFRASTRUCTURE, INCLUDING MULTIMODAL NODES**

SILVIA BALDASSIN

Project Research and Development Unit
Strategic Planning and Development Department

VENICE PORT AUTHORITY (IT)

Email: silvia.baldassin@port.venice.it



Thank you
for your attention!