



DAPhNE Goals & Structure

Project Environment

Pro Danube International
Danube Commission Workshop,
8th June 2017, Budapest



Contents

- Danube Programme details
(1st call & capitalization strategy)
- Policy & strategic background
- DAPhNE facts & figures
- Project goals
- Main result
- Progress in 2017





1st call of the Danube Transnational Programme

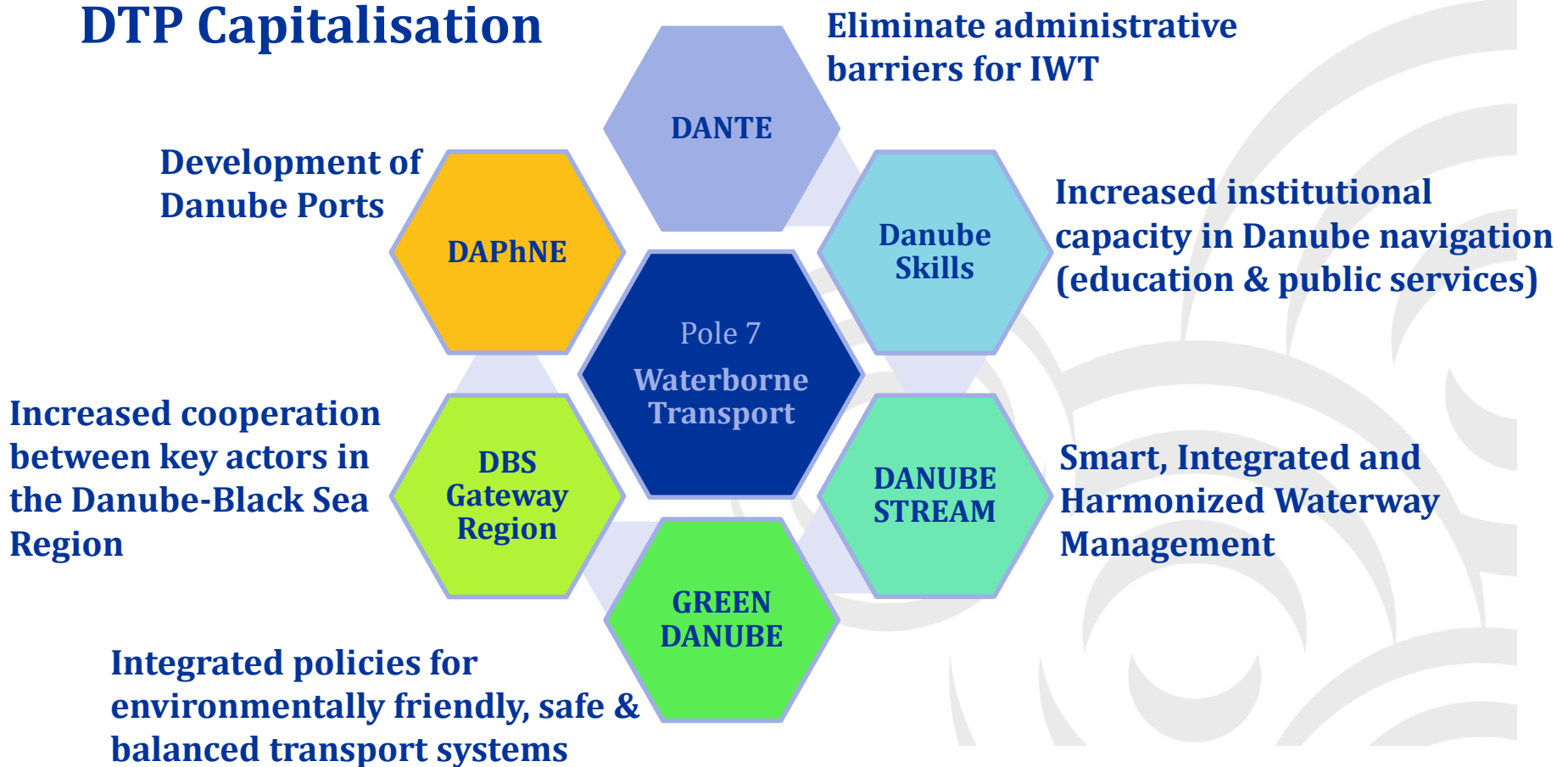
Submitted EoIs (step 1)	SO 3.1 Transport	Invited for 2 nd step	SO 3.1 Transport	Approved	SO 3.1 Transport
547 valid	39	100	15	54	11



➤ 10th among the 54!
➤ **3rd among the 11!**



DTP Capitalisation



Danube Waterway: High Potential – Numerous Challenges

Strengths

- Danube serves an economic area of circa 90M inhabitants
- Connects CE & SEE with growing markets in Black Sea Region
- Environmentally friendly transport corridor
- Can provide cost-effective logistics for land-locked industries ensuring competitiveness and jobs

Challenges

- Ensure standards for waterway maintenance
- Elimination of infrastructure bottlenecks
- *Promotion of investment in Danube Ports and unlocking their economic potential*
- Modernize Danube fleet
- Reduce logistics costs by elimination of administrative barriers

DAPhNE

- Quality infrastructure
- Environmental quality through low emissions
- Skilled workforce and quality jobs
- Integration of inland navigation into the multimodal logistics chain

NAIADES II

- Increasing cargo transport on the Danube by 20%
- Develop efficient multimodal terminals at river ports along the Danube
- Solve shortage of qualified personnel

**Europe
2020
Strategy**

**DAPhNE
Danube
Ports
Network**

**EUSDR
Priority
Area 1.A**

- Combine private & public investment to reach 3% of EU's GDP

**R&D &
Innovation
Policy**

**White
Paper on
Transport
2030/2050**

- Develop appropriate infrastructure – shift road freight to other modes (rail, waterway)

- Port & IT Management concepts addressing the Physical Internet & Logistics 4.0, pilot port community systems

Same River – Same Rules & DAPhNE

Lead Partner: *Pro Danube International/ AT*

ERDF Partners:

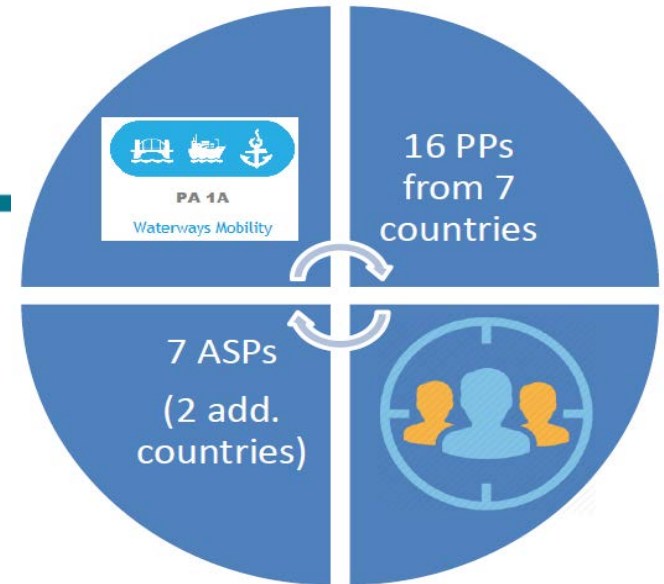
- Ennshafen Port/ AT
- iC consulenten ZT GesmbH/ AT
- University of Applied Sciences Upper Austria/ AT
- National Company Maritime Danube Ports Administration Galati/ RO
- National Company Maritime Ports Administration SA Constanta/ RO
- Ovidius University of Constanta/ RO
- Pro Danube Romania/ RO
- Ministry of Transport/ RO
- Bulgarian Ports Infrastructure Company/ BG
- Public Institution Port Authority Vukovar/ HR
- RGO Communications Ltd./ HR
- ILR Logistica Romania SRL/ RO
- Hungarian Federation of Danube Ports/ HU
- Public Ports jsc/ SK

IPA Partner:

Port Governance Agency/RS

Associated Strategic Partners:

- Container Terminal Enns/ AT
- Giurgiu Municipality/ RO
- Port of Vienna/ AT
- Ministry of the Sea, Transport and Infrastructure/HR
- Ministry of Transport, Information Technology & Communications/BG
- Danube Logistics SRL/ MD
- State Enterprise Ukrainian Sea Ports Authority/UA





Same River – Same Rules & DAPhNE

- **Need for strategies, guidelines & tools to eliminate the gaps between Upper, Central & Lower Danube Ports**
- **Start Date: 1 January 2017**
- **End Date: 30 June 2019**

Overall budget	2.985.406,15 EUR
ERDF Contribution	2.415.219,42 EUR
IPA Contribution	122.375,77 EUR
Own contribution	447.810,96 EUR

DAPhNE Goals

Guidelines for green port policy

Concepts for alternative energy provision & distribution

Strategies & best practices for **human resources development** in the Danube ports

Intersectoral & transnational cooperation for **better port services**

Know-how transfer for a **common port development strategy**

Danube Ports Network

Innovative IT solutions for the Danube Port Community

Harmonized instruments to stimulate public & private port investments

State Aid Model Schemes

Port legislation Recommendations

Pilot action for a model architecture for a Danube port IT community system

PCS implemented in min. 3 ports (AT, SK, RS)

Logistics 4.0

The Physical Internet



DAPhNE Main Result

Improved cooperation due to the set-up of the Danube Ports Network

- Open to any interested party:
 - Port administrations
 - Port users
 - National & local authorities from the Danube Region
- Operational by June 2019 & including approx.120 members
- Free access of members to all project outputs & deliverables
- The Danube Ports Network will continue to run as an independent entity
- Facilitate interaction of members via dedicated events organized:
 - **Port Info Day: promote Danube ports as logistics & services hubs**
 - **Port Policy Day: policy & management issues**

Danube Ports Info Day : 11th May 2017 Munich Transport Logistic Fair/DE

- **Promote Danube Ports as logistics & service hubs as well as ideal locations to setting up businesses needing waterborne & intermodal logistics infrastructure**
- **Structured discussion – round-tables focused on**
 - Port infrastructure
 - PPPs for port investments
 - Innovation& new markets in the Danube Region
 - Promote those Danube ports that have not secured funds to attend the Logistic Fair
 - More than 40 participants from the Danube Riparian countries
- **Upcoming Danube Ports Info Day, part of the DAPhNE project :**
 - **4-7 June 2019 Munich Transport Logistic Fair/DE**

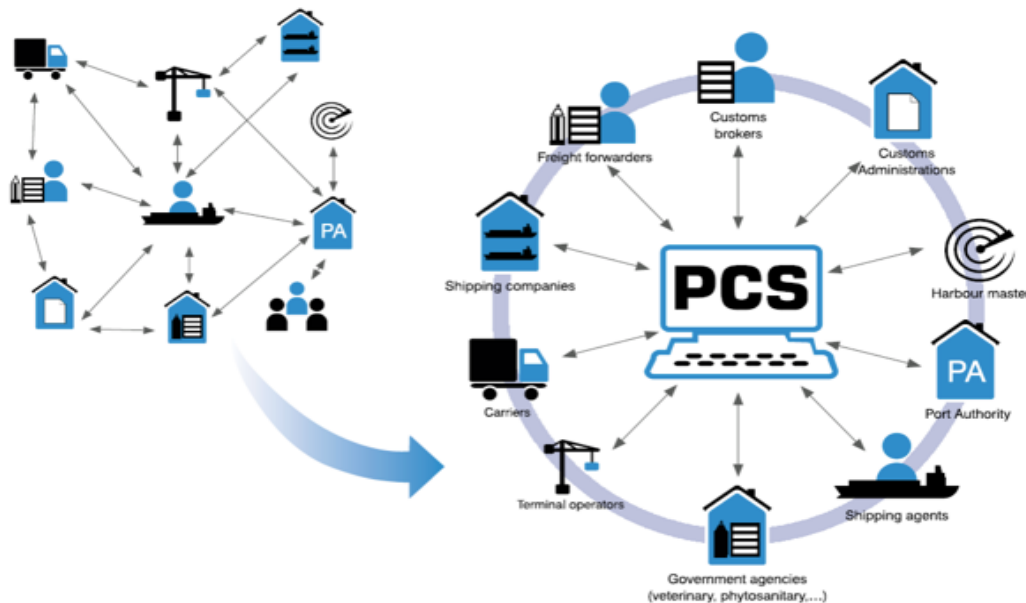
Danube Ports Info Day : 11th May 2017 Munich Transport Logistic Fair/DE



<http://www.interreg-danube.eu/news-and-events/project-news/620>

Port IT Community System – pilot action

- Neutral and open electronic platform enabling intelligent and secure exchange of information between public and private stakeholders in order to improve the competitive position of ports
- Optimizes, manages and automates port and logistics efficient processes through a single submission of data and connecting transport and logistics chains



- Automated customs procedures
- Automated billing
- Berth planning and management
- Interfaces to RIS Sub-systems: AIS, ERI, Hull DB
- General guidelines and recommendations for inland ports
- Case study of one particular port
- System design for pilot
- Pilot implementation of some segments of the PCS

Antwerp/BE Study Visit Port IT Community System: 22nd June 2017

Help gather information from the Rhine region to better structure the pilot action regarding the Port IT Community Systems on the Danube

- **Basic characteristics of the PCS**
 - functional requirements
 - boundaries/limits
- **Port processes covered by the PCS Technical issues**
 - system design from an IT-perspective
 - operation of the system
- **Management topics**
 - who operates the system
 - who are the stakeholders
 - what were the needs
 - which problem(s) was/were solved by investing in a PCS
- **Experiences with the current PCS**
 - most beneficial parts of the PCS
 - parts of the PCS with most impact on the port's processes
 - potential underperforming parts of the PCS and ideas for their improvement

Port IT Community System –pilot description

- Duration: 09.03.2017-31.12.2018
- Implementation of the PCS in:
Enns/ AT, Bratislava/SK, Novi Sad/RS, Smederevo/RS
- Modular approach focused on:
 - Traffic monitoring
 - Automatic cargo type and qty. detection
 - Berth allocation
 - Storage allocation
 - Automatic billing
 - Automatic statistics
- Develop, implement & operate the modules as selected by the ports involved
- Demo phase: min. 3 months – use the system in the ports and collect info
- 2 pre-feasibility studies on PCS in RO: Constanta & the Maritime Danube Ports





Port Policy Days – 18 October 2017 Budapest/HU

- **6th EUSDR Annual Forum – 18-19 October 2017 Budapest/HU**
<http://www.danube-forum-budapest.eu/>
- **Organized in the morning, not to overlap with the Annual Forum**

Topics foreseen:

- **EC Port Policy Framework**
- **Dedicated public port finance opportunities**
- **State-aid schemes for port investments**



Thank you for your attention!

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<http://www.interreg-danube.eu/approved-projects/daphne>

More project news is available if you subscribe to our newsletter!