

Danube Ports Info Day 2019

- 05 June 2019
- 12:00 – 14:00

Transport Logistic Fair, Munich



**tl transport
logistic**

June 4–7, 2019
Messe München

Visit us!
Hall B3.306

WELCOME

Fritz Lehr
Chairman of
Austrian Public Ports



Austrian public ports

LINZ AG
H A F E N

ENNSHAFEN

HAFEN  KREMS

 **HAFEN WIEN**
ein unternehmen der **wienholding**

WELCOME

Robert Rafael
General Secretary
Pro Danube International



Port Info Day 2019

(in the framework of the DAPhNE project)

Robert Rafael, Secretary General

Transport Logistic Fair
Munich, 05 June 2019

Pro Danube – major facilitator for Danube IWT

Platform of private companies with strategic economic interest in better framework conditions and higher public investment in the Danube transport & logistics system

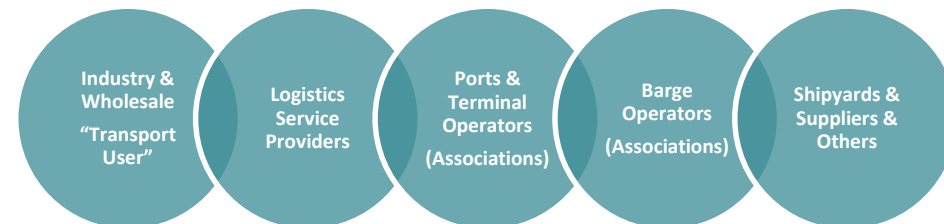
In a nutshell

- Established autumn 2011 by a group of companies & associations
- Non-profit association based in Vienna
- Network of currently more than 180 companies
- More than a lobbying organisation as it initiates and executes projects
- Service company: Pro Danube Management GmbH
- Local representations: Pro Danube Romania, Pro Danube Serbia
- Initiator & coordinator of policy initiatives & projects in IWT, port development & LNG
- More info at: www.prodanube.eu

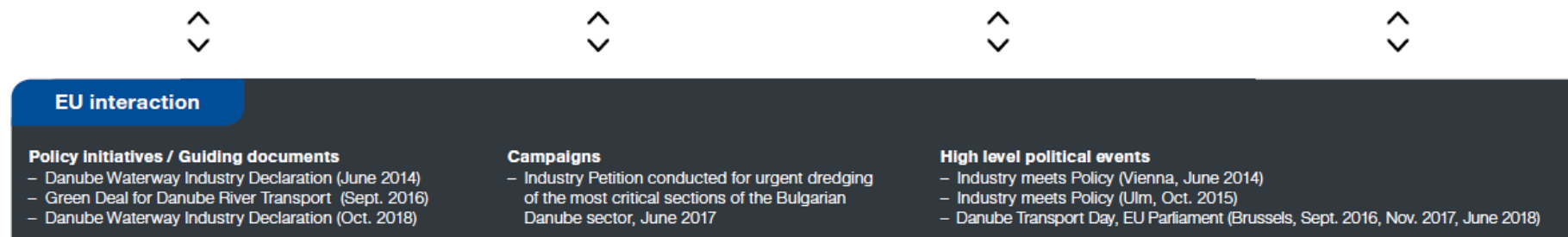
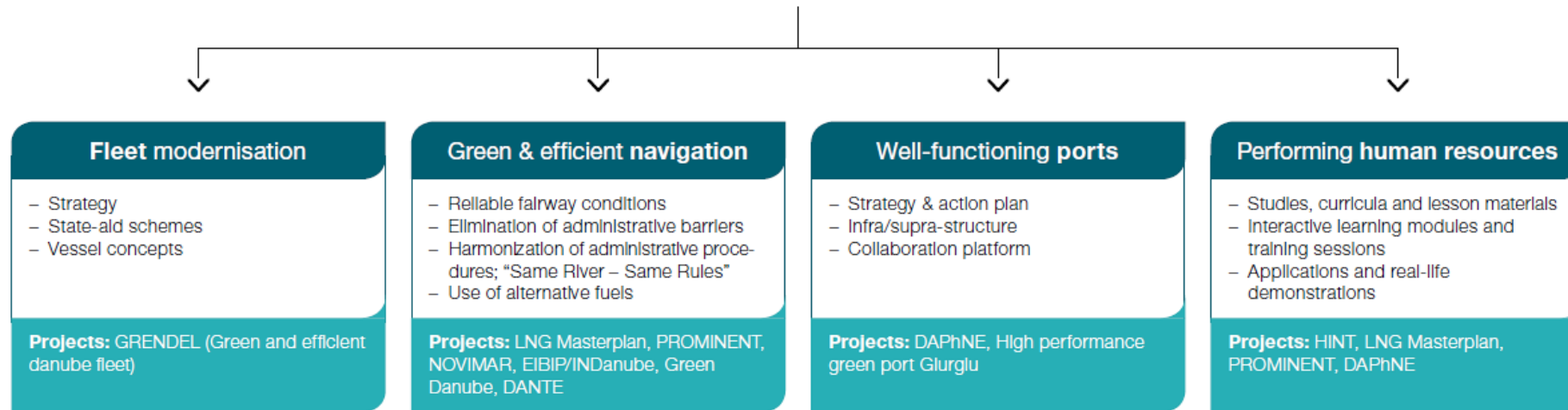
Priorities

- Engagement for better waterway maintenance & execution of TEN T bottleneck projects
- Promotion of investment in Danube ports
- Support to modernization of Danube fleet
- Elimination of administrative barriers
- Active involvement in EC initiatives & programs

Partners



Working focus

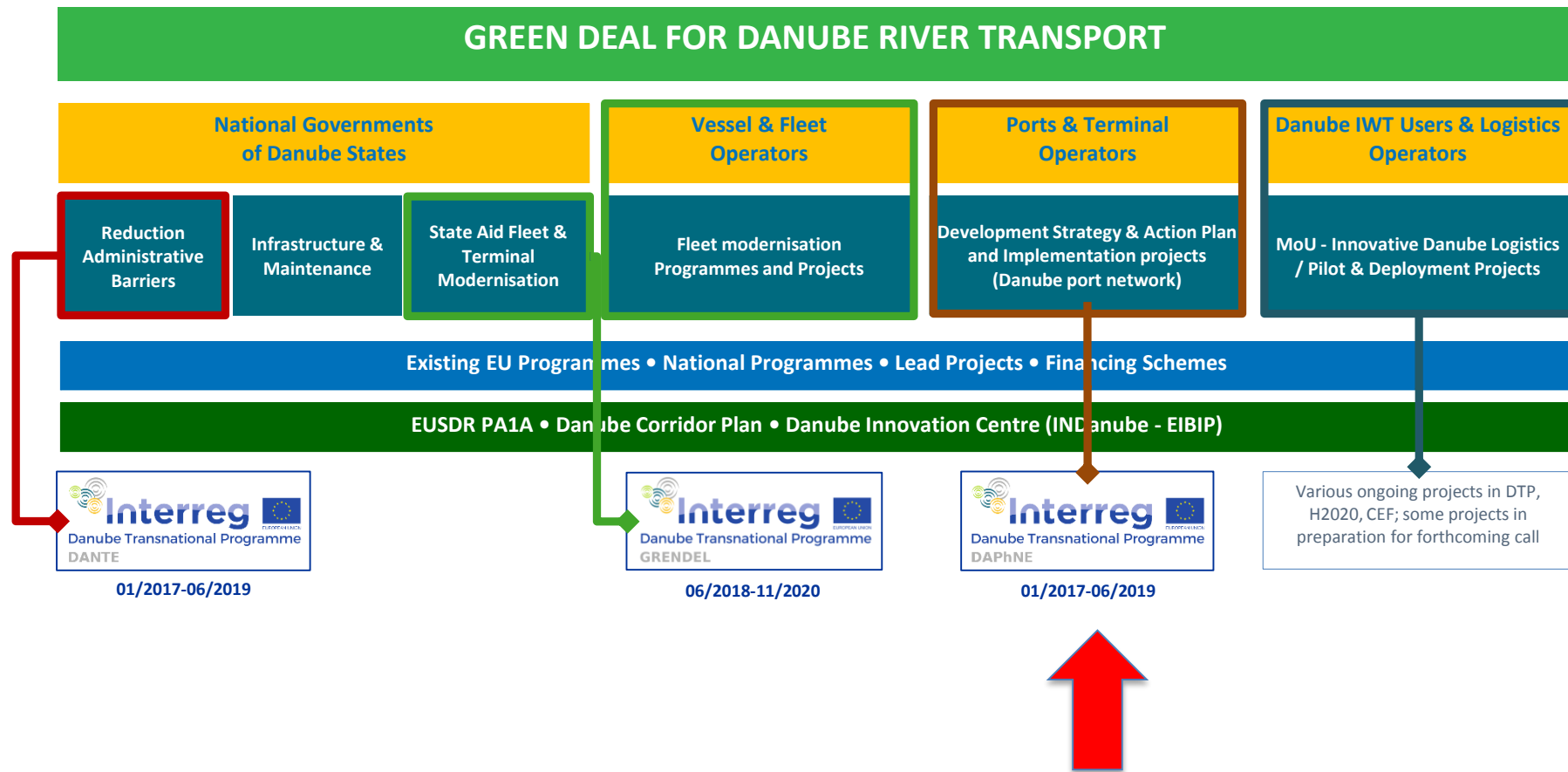


Edition: May 2018; © Pro Danube International

LEGEND: HINT – Harmonized Inland Navigation Transport Through Education and Information Technology (2012–2014); LNG Masterplan for Rhine/Meuse-Main-Danube (2013–2015); PROMINENT – Promoting Innovation in the Inland Waterways Transport Sector (2015–2018); EIBIP/INDanube – European Inland Barging Innovation Platform / Centre for Innovation Transfer in the Danube Region (2016–2019); DANTE – Improving Administrative Procedures and Processes for Danube Region (2017–2019); DAPhNE – Danube Ports Network; GREEN DANUBE – Integrated transnational policies and practical solutions for an environmentally-friendly Inland Water Transport system in the Danube region (2017–2019); NOVIMAR – Novel IWT and maritime transport concepts (2017–2020)

GREEN DEAL: Policy initiative based on cooperation & commitment

In 2017, PDI successfully started the implementation of the Green Deal by means of **DANTE**, **DAPhNE** transnational projects and has taken serious actions towards the modernization of the Danube fleet in the framework of the **GRENDDEL** approach.



DAPhNE: Danube Ports Network: goals & directions



WHAT: DAPhNE – Danube Ports Network aims to **facilitate a balanced development of Danube Ports into eco-friendly, well accessible multimodal hubs** for the transport system of the region and to turn them into buzzing economic centers functioning as catalysts for economic growth and creation of high value jobs.

HOW: The project established a well-managed working consortium (private and public stakeholders) which **tackles the most urgent identified shortcomings in 7 main action areas** with the help of guidelines, recommendations and concrete pilot activities leading into an overall development strategy and action plan for the Danube ports.

TARGETED SHORTCOMINGS & PROPOSED ACTIONS:

1. **fragmented legislation** → Issue recommendations for the harmonization of port legislation
2. **inefficient port administration processes & procedures** → Issue recommendations based on best practices for port management models and port processes
3. **lack of eco-efficient port business strategies** → Elaboration of Green Port Policy guidelines
4. **shortcomings in the use of public funding** → Identification of new funding opportunities (PPPs, state aid schemes models)
5. **insufficient/deteriorated infrastructure** → Elaboration of port investment guidelines
6. **lack of qualified personnel** → Strategies based on best practices for HR development
7. **(very) limited use of new technologies** → Elaborate a Model for a port community system (tested in 4 ports)

DAPhNE Achievements

- Series of **national workshops** on topics such as:
 - Capacity building and HR development workshops in AT, RO & HU
 - Legal framework & port funding opportunities available for AT, RO, HU, SK, HR & BG;
- Elaboration of Port legislation recommendations and state-aid model;
- **2 international workshops** on port management models and port processes in RO
- Recommendation for port processes and port management models
- **Study visit** at the Port of Antwerp, June 2017
- **Port Community System modules** implemented in AT (Enns), SK (Bratislava) & RS (Novi Sad & Smederevo) based on the architecture developed within DAPhNE project by RGO from Croatia
- Release of **capacity building guidelines**
- Research conducted in relation to **new market opportunities** (LNG as cargo in the Danube Region, Danube Container Market Report, Danube Ports & the Physical Internet, Best practices regarding Industrial Ecology)
- Report on the **status of port infrastructure development** along the Danube
- Release of **port investment guidelines**
- Release of **Danube Ports Strategy and Action Plan**
- **Danube Ports Network (DPN) setup & enlargement**
- Organisation of **high visibility events** Port Info Days and Port Policy Days (2017, 2019)
 - Port Policy Day 2019 – Official launch of the DPN, 10.04.2019, Vienna
 - Port Info Day 2019 – Transport Logistics Fair, 05.06.2019, Munich
- Hosting the 1st Conference of Port Digitalisation organised by DPN
 - 11 April 2019, Vienna



DAPhNE project: what's next?



Operation of the Danube Ports Network

- Released in June 2018; officially launched during the Port Policy Day 2019 (10 April 2019)
- Managed by Pro Danube International via the Technical Secretariat
- DPN acts as a regional coordination and collaboration platform involving public and private Danube port organisations
- DPN is governed by a Cooperation Agreement (not legally binding, entered into voluntarily, open-ended).

Partners

- Public port administrations
- Public and private port & terminal operators:
 - Sea ports of the maritime Danube & Black Sea
 - Inland ports situated on the Danube and its navigable tributaries

Service Portfolio

- **Developing & implementing common interest projects & strategic initiatives**
- **Initiating port policy & network awareness activities**
- Fostering active cooperation, strategic alliances & partnerships to benefit the network
- Facilitating network collaboration & support activities.
- ***Check out more at: www.danubeports.eu***

*Project Final Event:
12 June, Vienna*

Thank you for your attention!



Herfried Leitner

Chairman

Handelskai 265, 1020, Vienna/Austria

M +43 664 735 80 820

E leitner@prodanube.eu W www.prodanube.eu



Robert Rafael

Secretary General

Handelskai 265, 1020, Vienna/Austria

M +43 699 161 39 614 T +43 1 890 66 47-25

E rafael@prodanube.eu W www.prodanube.eu

The banner features the Pro Danube International logo at the top left. Below the logo is a horizontal strip of three images: a port with yellow cranes, a construction site with a crane, and a map of the Danube river basin. The main text of the banner reads "THE VOICE FOR BETTER INFRASTRUCTURE AND INNOVATION IN DANUBE TRANSPORT" in large, white, bold letters. At the bottom, the website address "www.prodanube.eu" is displayed in yellow.

Werner Auer/ ENNSHAFEN port General Manager



ENNSHAFEN

- **We connect the region to Europe.**
- **We supply to people and businesses.**
- **We unite expertise.**

„THE ERA OF INLAND NAVIGATION IS STILL AHEAD OF US“

(Reinhard Klingen / German transport ministry
department / DVZ – March 17th, 2019)

MASTERPLAN OF INLAND NAVIGATION IN GERMANY 2019 (May 2019)



GOALS of MASTERPLAN „Inland navigation“ GERMANY / May 2019

Statement of Mr. Andreas Scheuer – Ministry of transport and infrastructure, Germany

The aim of the Federal Government is therefore to strengthen inland waterway transport and to transport as many goods as possible via the waterway. What we need for this is a powerful, clean, modern, safe and efficient port-waterway system. We want to achieve this with the present Master Plan for Inland Navigation. "

- **tailor-made infrastructure – needs investments of billions**
- **more efficient & environmentally friendly vessels**
- **inland navigation 4.0 – digitalization**
- **more containers, bulk/high&heavy goods from road to inland navigation**
- **more qualified employees**

*target 2030:
12 % modal-split*

TOPICS OF MASTERPLAN „INLAND NAVIGATION“ / GERMANY – ALREADY WORKED OUT IN EU PROJECT „DAPhNE“ (2017-2019)



Srdja Ljesevic / Port Governance Agency (PGA) Head of Center for Port Operations



About PGA (Port Governance Agency)

- Established in 2013 as a state administrative body, in order to enhance efficient operations of IWT, especially of ports and harbors. Beside the regulatory role, PGA has major role in development of Ports and Harbors.
- Port Authority for all Ports and Harbors in the Republic of Serbia:
 - 9 ports on the river Danube (Belgrade, Novi Sad, Smederevo, Pančevo, Prahovo, Bačka Palanka, Bogojevo and Apatin) 2 ports on the river Sava (Šabac and Sremska Mitrovica) and one on the river Tisa (Senta);
 - Industrial and other harbors;
 - International passenger terminals.



Zoia Floroiu/ Maritime Ports Administration Constanta (MPAC)

Position: Head of Contracts, Leasing and Concession Department



About MPAC

- has the role of port authority for the Romanian Ports - Constantza, Midia and Mangalia (and Tomis Marina)
- it aims to provide quality and competitive services to the ports customers, to offer a developed transport infrastructure, as well as security, safety and environmental port conditions, thus encouraging the cargo traffic and transforming the Port of Constantza in to an important transit center - by offering the shortest transport alternative to the center of Europe and becoming a regional distribution center - the leader - for its hinterland.
- hub for cereals in Central and South -East Europe, a hub for container traffic in the Black Sea. The port has good connections with all means of transport (railway, road, river and pipelines) and land availability for future expansion within the port area.
- offers very good conditions for processing and re-export activities given by the Free Zone status for the entire port area.

Fábián Zoltán / Hungarian Federation of Danube Ports (HFIP) MAHART Container Center – managing director



- Managing Director of MAHART Container Center Ltd.
- Member of Board at Association of Hungarian Logistic Service Centers

About MAHART Container Center:

- Only trimodal container terminal in Hungary
- Neutral/independent container terminal in Hungary
- Several river projects on Danube
- Area of about 15 hectares
- Container turnover in 2018: 174.000 TEU

About HFIP:

- 28 members, significant Hungarian ports are participated in HFIP
- Several EU projects like as DAPHNE, DANTE, DBS Gateway, KIR
- Participating in elaboration of Strategy of development Ports in Hungary:



**MAHART
CONTAINER CENTER**



A MI DUNÁNK
ORSZÁGOS KIKÖTŐFEJLESZTÉSI FŐTERV

Sasa Jovanovic / iC consulenten ZT GesmbH (iC) Senior Port Consultant



About IC consulenten

- One of the leading Austrian consultancies with activities in Europe and overseas. iC employs a permanent and other staff of more than 550 engineers, economists, technicians and other specialists covering nine large technical fields: buildings & structures, **transport & mobility**, environment, technical building equipment, construction & project management, water management, geology & geotechnical engineering, tunneling, energy.
- Within the sector of **ports**, iC provides services of port master planning, feasibility studies, port infrastructure desing & development, port management & operations, port governance, port logistics & intermodality, re-engineering of port organisations, port cargo forecasts, port economics.

Herfried Leitner / Pro Danube International (PDI) Chairman of the Board



About PDI:

- Non-profit association based in Vienna founded in September 2011 aiming to **increase the competitiveness of inland waterways** with a dedicated focus on the Danube River
- Brings together a network of about **200 private businesses**: transport users (manufacturing industry), logistics service providers, associations of barge and terminal operators as well as so-called related industries such as shipyards and technology providers
- **Driving force** in the development of the Danube waterway as a competitive logistics system
- Takes part in the political debate on **transport policy, transport technology and regional development**
- Promotes **better infrastructure and services** which result in a more intensive use of the environmentally friendly Danube waterway as well as in increased innovation for the Danube logistics sector
- **Competent partner for public authorities and administrations** by supporting the definition and implementation of policy actions

Fritz Lehr/ Port of Vienna



- Managing Director of Wiener Hafen Management GmbH
- Chairman of IGÖD Austrian Public Ports
- President of EFIP
- President of the Union PDA

About Port of Vienna:

- Area of 3 million square metres
- Wiener Hafen group is part of the Wien Holding group
- 3 cargo harbor terminals: Freudenu, Albern, Lobau
- The Danube is used for the transport (of oil products, road salt, building materials, agricultural product)

Thomas Moser / Danube Logistics SRL Chairman



About Danube Logistics SRL

- It is the general investor and operator of Giurgiulesti International Free Port in the Republic of Moldova. Giurgiulesti port has developed into an important multi-modal logistics hub that is accessible by maritime vessels, river barges, regular-gauge and broad-gauge railway as well as trucks. Today Giurgiulesti International Free Port facilitates Moldovan exports to more than 50 countries.



PORT DEVELOPMENT – CATALYST TO STIMULATE ECONOMIC ACTIVITY AND CREATE EMPLOYMENT

main pillars that contribute to transforming ports into key hubs on the Danube

1. infrastructure investments
 - focus – stimulating upgrading of port infrastructure & industrial development
2. funding sources for stimulating investments
 - focus – PPP model
3. innovation
 - focus – modular port community system & innovative markets

REHABILITATION / MODERNIZATION OF PORT FACILITIES

- upgrade port infrastructure & new investments (modern standard)
- infrastructure gaps (TEN-T demands)
- comply with actual / future regulations
- public money & EU funds
- PPP (private investment to renew infrastructure/suprastructure)
- equipment in the ports and hinterland connections
- prioritize investments for long term investment plans



FACILITATE DEVELOPMENT OF HYBRID LOGISTIC ZONES IN OR ADJACENT TO PORTS

- ports and their surroundings / business parks
- Enable concentration of manufacturing / processing / transport/logistic and trade activities – in or adjacent to the port areas
- evaluation leads to creation of special economic zones
 - “hybrid logistic zones” to attract more cargo from all land-based transport modes directly to the port and greater port areas
 - hybrid of 3: industrial zone, free zone and logistic zone



PROACTIVE ATTITUDE TOWARDS „GREENING“ OF PORTS

- **even ports & their business will be forced to minimize emissions in future**
 - current status of emission and equipment
 - planned development activities
 - hotspots regarding this future item
- **key targets from the EU for 2030 (> ff 2050 !)**
 - 40% cut in greenhouse gas emissions (ETS+non-ETS)
 - 32% share for renewable energy
 - 32,5% improvement of energy efficiency
 - *challenge to fulfill in transport business ?*



DEVELOPMENT OF LNG SUPPLY AND BUNKERING STATIONS / OUTSOURCING OF ALTERNATIVE POWERED HANDLING EQUIPMENT

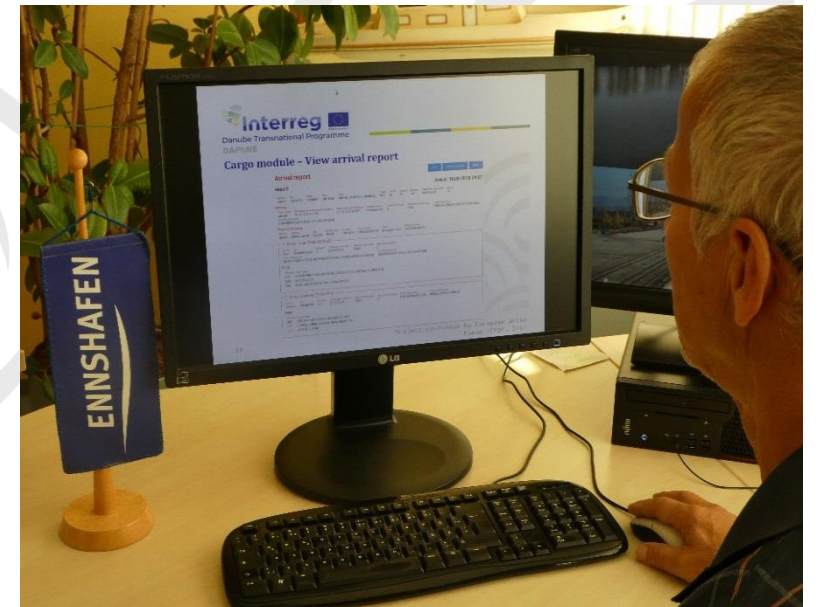
- LNG (liquefied natural gas) is regulated by the Directive 2014/94/EU on the deployment of alternative fuels infrastructure
- compulsory according to TEN-T > core network of refuelling points for LNG should be available by end of 2025 and 2030
- refuelling points for LNG include:
 - LNG terminals and tanks
 - LNG fuelled trucks and reach stackers
 - mobile containers
 - bunker vessels and barges
 - innovative electricity generation / hybrid ?
 - shore-side power supply ?



DEVELOPMENT OF PORT LOGISTICS INFORMATION SYSTEMS (PORT COMMUNITY SYSTEM)

Simplification of work flow within inland ports with the help of a modular port community system based on IT systems

- innovative electronic platforms & connections / multiple systems
- managing, optimization and automation of port and logistic processes through a single submission of data
- connecting all users along the logistic chains
- enables intelligent and secure exchange of information between port community members
- step-wise and customized approach towards individual ports will be necessary



Thank you for your kind attention!

**We kindly invite you to bilateral
discussion and networking!**