

AGENDA

PORT DIGITALISATION CONFERENCE

DANUBE PORTS IN THE DIGITAL AGE: CHALLENGES & OPPORTUNITIES

11 April 2019, 09:00 – 17:00

**Venue: The Stage, Tech Gate Vienna,
Donau-City-Straße 1, 1220, Vienna**

Leaders in many Danube port organisations lack clarity on what “digital” means for their organisations and core business, as well as for the port and business communities at large. Nowadays, in the port sector, digitalisation is becoming a must. This one-day conference organized by the Danube Ports Network is a step forward towards overcoming digital inertia, building confidence and know-how in the Danube Region port community. The conference will provide a platform for the participating Danube river and sea port organisations to discuss key concepts pertaining to port digitalisation and identify ways forward in their digitalisation journey. The event ultimately aims at laying the ground for concrete steps and innovative actions on the part of the participating ports.

08:00 – 09:00 Registration & Welcome coffee

09:00 – 09:30 Opening session

09:00 – 09:15 Welcome & Introductory remarks

Why a Conference on port digitalisation in the Danube Region? Setting the scene, purpose and objectives of the Conference.

Mr. Manfred SEITZ, Secretary General Pro Danube International
Danube Ports Network’s Technical Secretariat

09:15 - 09:30 Keynote intervention

Digital disruption. Are you feeling comfortable?

Dr. Michael PROHASKA, CEO the tean GmbH & Co KG, Conference Moderator

09:30 - 09:45 Keynote address

Digital transformation for inland navigation and ports -- seeking for synergies & collaborative solutions that cross the lines and sectors

Mr. Nik DELMEIRE, Coordinator European Inland Waterway Transport (IWT) Platform

09:45 – 10:45

SESSION 1: EU policies & legal frameworks enabling digital transformations in the waterborne (river & maritime) transport sector

Item 1. EU frameworks enabling digital transformations in inland & maritime transport sectors benefiting Danube Region's ports

Mr. Mario SATTLER, Seconded National Expert

European Commission, DG Mobility and Transport, Unit D3: Ports & Inland Navigation

Item 2. Corridor RIS implementation: opportunities for Danube region's ports and terminals

Dr. Michael Fastenbauer, Director for Development and Innovation

via donau – Österreichische Wasserstraßen-Gesellschaft mbH Austria

Item 3. Improving administrative procedures and processes for IWT on the Danube through digital solutions

Mr. Robert RAFAEL, Senior Project Manager

Pro Danube International

Q & A session

10:45 – 11:30

SESSION 2: Enabling digital solutions for ports: EU funding schemes & non-legislative tools

Item 4. EU Funding schemes enabling the development and implementation of digital infrastructure & solutions benefiting ports

Ms. Barbara BERNARDI, Project Manager and Technical Advisor Rhine-Danube

Innovation and Networks Executive Agency (INEA)

Item 5. EU digital tools enabling digital port developments: CEF Building Blocks & e-Freight Implementation Action

Mr. Thomas FILLIS, CEF Stakeholder Management Office

European Commission, DG for Informatics (DIGIT), Unit D3: Trans-European Services

Mr. Rui Barros, Chief executive officer MITMYNID

e-Freight Implementation Action (e-Impact) project

Q & A session

11:30 – 12:00

Coffee break

12:00 – 13:15

SESSION 3: Digitalisation at work: pilot projects and best practice examples for Danube Region's ports

Item 6. Upper Rhine traffic management platform: presentation and live demo

Dr. Stefan Wiech

partner and head of IT consulting at HPC Hamburg Port Consulting GmbH

Item 7. Smart services for inland ports and IWT – 2 case studies from the projects “SELIS” and “Binntelligent”

Dr. Arne GEHLHAAR

ISL - Institute of Shipping Economics and Logistics

Item 8. The “Smart Corridor” approach of HAROPA (Le Havre – Rouen - Paris) Ports

Mr. Cédric VIRCIGLIO

European and international affairs manager HAROPA Ports

Q & A session

13:15 – 14:00 Networking lunch

14:00 – 15:00

SESSION 4: From digital to smart: port digitalisation trends & models

Item 9. The Smart port model

Mr. Carles RUA

Strategic Projects and Innovation Department, Port of Barcelona

Item 10. Levels of digital maturity of ports

Mr. Jan GARDEITCHIK

Senior Lead Digitization, Maritime Port Management Systems, Port of Rotterdam

Q & A session

15:00 – 15:15

Coffee break

15:15 - 16:45

WORKSHOP: How to bring the Danube Region's ports into the next digital maturity level

Workshop hosted & run by the Port of Rotterdam

Mr. Jan GARDEITCHIK

Senior Lead Digitization, Digital Business Solutions

Mr. Wouter Buck

Proposition Manager, Digital Business Solutions

Part 1: Port Community System

- *What is a Port Community System?*
- *What will the players be involved with?*
- *Which steps have to be done?*
- *What functionals will come into place?*
- *What is important for the sea side, what for the hinterland side?*
- *Future of PCS and the possibilities*
- *Next Steps for the Danube Region's ports*

Part 2: Supply Chain Route Planner

- *Showing the routes from everywhere in the world to the Danube Region (transparency, and ease of doing business)*
- *Choice of all modalities, Truck, Train, Barge*
- *Show the most environmental-CO2 Friendly routes to the region for every route and modality*
- *Create port shift from other regions because of transparency*
- *Booking facilitating options in near future, orientate on routes to the region and also facilitate booking (possible new revenue stream and port shift)*
- *Danube Region's Ports will be connected to global booking platforms and showing their hinterland transport*
- *Pilot opportunity*

16:45 – 17:00 **Conference Conclusion**

Item 11. Concluding remarks, key lessons & ways forward

Dr. Michael PROHASKA

CEO the team GmbH & Co KG, Conference Moderator

Mr. Jan GARDEITCHIK

Senior Lead Digitization, Maritime Port Management Systems, Port of Rotterdam

Mr. Manfred SEITZ

Secretary General Pro Danube International

**PROFESSIONAL BIOGRAPHIES SPEAKERS
PORT DIGITALISATION CONFERENCE
11 April 2019, Vienna**

OPENING SESSION

Dr. Michael PROHASKA, CEO the tean GmbH & Co KG, Conference Moderator

Michael studied computer science. After his studies he worked at the institute of advanced studies focusing on operation research topics. His next professional step was at the formerly largest Austrian industry corporation, the Constantia Industry Group, where he developed expert systems for different use cases.

For more than twenty years, Michael has been working as a consultant in various technology projects. He supported the viadonau in the tender for the River Information Services (RIS) and one was of the responsible consultants for the reorganisation of the Austrian Waterway Administration. In January 2017 Michael founded the tean, a company with more than 100 Experts in the field of digitalisation, data analytics and big data. Digitalisation is his mission.

Mr. Nik DELMEIRE, Coordinator European Inland Waterway Transport (IWT) Platform

Nik Delmeire, Belgian, obtained the degree of MBA at the University of Leuven in 1982. From 1983 till 2014 he had several management functions in Purchasing and Supply Chain in AGFA-GEVAERT, a Belgian multinational active in the world of Imaging.

Through his role in AGFA's Supply Chain he got involved in the Belgian Shippers' Organisation called OTM. An organization he chairs from 2009 till 2015. He was Vice Chairman of ESC from 2011 till October 2014. In October 2014 he joined ESC as Secretary General. Since 1/1/2019 he runs the newly established European Inland Waterway Transport Platform. A platform that aims at maximally improving the transportmode at the inside and making it a most attractive supply chain partner.

SESSION 1

Mr. Mario SATTLER, Seconded National Expert European Commission, DG MOVE, Unit D3: Ports & Inland Navigation

Mario has been working for more than 15 years in the field of River Information Services (RIS) for viadonau, the Austrian Waterways Management Organisation. As Senior Project Manager he has successfully conducted several international projects covering studies, research and implementation initiatives alike.

Since November 2018, he is delegated to the European Commission (EC) in order to facilitate the evaluation and potential revision of the RIS Directive. Mario also coordinates the current revision of the RIS implementing acts at the EC. He is also the EC representative in the upcoming CESNI/TI working group on information technology in inland navigation.

Dr. Michael Fastenbauer, Director for Development and Innovation
via donau – Österreichische Wasserstraßen-Gesellschaft mbH Austria

Michael Fastenbauer has performed his studies in mathematics and computer science at the University of Technology in Vienna, Austria, from which he acquired a PhD in technical sciences. After six years as an Assistant Professor he worked more than 15 years in technical management positions for the telecom industry. Michael joined the inland waterway community 15 years ago. He is Director for Development & Innovation at the Austrian Waterway Management company "viadonau".

Mr. Robert RAFAEL, Senior Project Manager, Pro Danube International

Robert Rafael, (MSc) holds a master's degree in Economics and in Business Law. He has extensive experience in inland navigation innovation projects in line with national Hungarian transport strategies. He initiated and managed several innovative IWT-related projects in the field of RIS, IWT promotion (ProDuna), inland ports (Improvement of the navigability of the Danube).

Working for the Ministry of Economy and Transport and RSOE (RIS Provider) in Hungary and for Pro Danube in Austria enabled him to gain experience and expertise in all IWT policy topics, incl. EU Strategy for the Danube Region, NAIADES and NAIADES II, TEN-T/CEF, alternative fuels infrastructure etc. He acted as WP leader in the Horizon 2020 project PROMINENT, the European lead project for innovation in IWT and as project leader for the DANTE project on Improving Administrative Procedures and Processes for Danube IWT. He is member of the DTLF and DINA working groups and the RIS Expert Group on Notices to Skippers.

SESSION 2

Ms. Barbara BERNARDI, Project Manager and Technical Advisor Rhine-Danube Innovation and Networks Executive Agency (INEA)

Barbara has 14 years career in a variety of roles in the transport field from the European Institutions, to industry and lobbying organisations in Brussels. From 2006 to 2008 she led EUROCITIES lobbying campaigns towards the European Action Plans on urban mobility.

In 2009 she joined the European Commission, and as a member of Neighbourhood East Regional Unit in DEVCO, she successfully contributed to the establishment of the TRACECA Investment Forum held in October 2010 and in charge of a portfolio of different projects addressing the bottlenecks hindering the connection between the transport core network of the EU and the Eastern neighbouring countries.

In 2013 she joined INEA where she is leading the CEF funded FAIRway DANUBE and she is responsible of a project portfolio in the field of IWW covering Austria, Bulgaria, Croatia, Hungary, Slovakia, Romania, and Serbia. As Rhine-Danube Technical Advisor, she supports the Coordinator and DG MOVE Policy Adviser in engaging with the relevant counterparts in the Member States to tackle issue affecting the development of the corridor and ensure that the national project pipelines included in the Corridor Work Plan are in line with and address the EU priorities.

**Mr. Thomas FILLIS, CEF Stakeholder Management Office
European Commission, DG for Informatics (DIGIT), Unit D3: Trans-European Services**

Thomas Fillis is a Communications Consultant in the European Commission's Directorate General for Informatics (DIGIT). Prior to this, Tom advised a Member of the European Parliament and worked in the private and not-for-profit sectors. A native of Liverpool, he has degrees from Universities in the UK, Germany and the Netherlands.

Mr. Rui Barros, Chief executive officer MITMYNID

Rui Barros is an informatics engineer with specific knowledge in software engineering. Over the last 25 years at INESC TEC, he did research and innovation with private companies and public administration and worked in more than 40 projects. At the end of the 90s he managed the specification of the Port Community System for the Portuguese Ports and between 2010-2015 he worked the concept of the Logistics Single Window. Nowadays he is an entrepreneur and co-founder of MITMYNID, a private company to develop sophisticated and innovative software-based solutions like BIZCARGO.com.

SESSION 3

Dr. Stefan Wiech, Hamburg Port Consulting /RhinePorts GmbH

Dr Stefan Wiech is partner and head of IT consulting at HPC Hamburg Port Consulting GmbH, an independent subsidiary of HHLA Hamburger Hafen und Logistik AG (Hamburg Port and Logistics Corporation), the largest and most diversified port operating company in Hamburg.

He has been involved in many automation and digitalisation projects in the port and transport sector all over the world for more than twelve years. Amongst other involvements, he was project manager of the European project 'Pilot Implementation of an Upper Rhine Traffic Management Platform' in which a digital integration platform for several ports at the Upper Rhine has been designed and developed.

Dr Wiech is responsible for IT consulting and digitalisation at HPC and is specialised in complex integration, change and stakeholder management challenges.

Dr. Arne GEHLHAAR, ISL - Institute of Shipping Economics and Logistics

Arne Gehlhaar studied at the University of Oldenburg and graduated with a degree in computer science. Since 1998, he works at the Institute of Shipping Economics and Logistics (ISL). He is project manager for national and international research and development projects in the ICT area. European projects dealt with topics of digitalisation in ocean shipping and inland waterway transport such as ALSO Danube, Intermodal Portal, RISING, EMMA and Binntelligent.

Arne Gehlhaar led the implementation of a central EDI communication node in a container terminal in Bremerhaven. Furthermore, he participated in intermodal software development projects in system specification and implementation. Currently, Arne Gehlhaar is the project manager of the Binntelligent project ("Intelligente Informationssysteme für Prozessoptimierung und -automatisierung im Binnenhafen") co-funded by the German Federal Ministry of Transport and Digital Infrastructure in the IHATEC Programme.

Mr. Cédric VIRCIGLIO, European and international affairs manager HAROPA Ports

Cédric VIRCIGLIO holds a master's degree in History and Political Sciences from the University of Strasbourg (France). He joined HAROPA – the port Alliance of Le Havre, Rouen and Paris in July 2017 as European and International Affairs Manager. He has 10 years of experience in the fields of European Affairs and lobbying and he has a wide network of contacts with experts, academics and policy-makers. Cédric VIRCIGLIO is also an expert for The High Council for Evaluation of Research and Higher Education (Hcéres) responsible for evaluating higher education institutions and groupings, research bodies, scientific cooperation foundations and the French National Research Agency. Until June 2017, he was Director of the Bureau Alsace Europe – The Representation of the Alsatian local, regional authorities and consular bodies to the European Union in Brussels.

SESSION 4

Mr. Carles RUA, Strategic Projects and Innovation Department, Port of Barcelona

Carles Rúa Costa is an industrial engineer. His professional activity has been developed in the fields of logistics and the management information systems, where he has acted as a free-lance engineer and for consultancy companies. Nowadays, he works for the Port Authority of Barcelona as Head of Strategic Projects and Innovation. In the university field he has carried out his teaching activities in the Department of Business Organization for 25 years at Universitat Politècnica de Catalunya (BarcelonaTech). He is also director of the Master Executive in Lean Supply Chain Management at BarcelonaTech and teacher of the Escola Europea of Intermodal Transport.

Mr. Jan GARDEITCHIK, Senior Lead Digitization, Maritime Port Management Systems, Port of Rotterdam

Experienced senior management official in the harbor master department of the Ports of Rotterdam and Fujairah. With is knowledge and experience of the management of port operations, Jan is helping to create a smarter port and bring port of Rotterdam and other ports to a next digital level.

Port of Rotterdam

Former: 1982-2017

Head of Harbour Master Policy

Head of Transport & Environmental Safety

General manager Noxious and Dangerous Goods

Different advisory roles

Port of Fujairah 2017-2018

Corporate HSE executive

Port of Rotterdam 2018-Present

Senior Lead Digitization -Maritime Port Management Systems

Mr. Wouter Buck, Proposition Manager, Digital Business Solutions, Port of Rotterdam

Proposition manager for different digital solutions to improve port performance. And coordinating different data science projects to get insights in reliability and operational excellence in the port sector.

Port of Rotterdam 2014-present

-Management Trainee

-Advisor Labor Market

Current-Proposition Manager Digital Business Solutions