

SMARTPORTS.TV



Live Streaming Event

6 Hours of Live Streaming Content part of Smart City Expo Barcelona

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Agenda

Wednesday, 17th November, 2021



A joint initiative by_





DAY 2

Live Streaming Event smartports.tv

Wednesday, 17th November, 2021

10:00

Welcome Back

Smart Ports members will welcome attendees back.

AGILITY

10:05

Project Spotlight - 10 minutes

homePORT: Creating a real-life testing ground in the Port of Hamburg

The port faces various challenges ranging from competitiveness and environmental concerns to growing demands for innovative port management practices. A free space to try out innovative and hardware-heavy products under real conditions is needed to meet these challenges and to promote product innovation made in Hamburg. Transformative co-design with citizen participation, ambitious port actors, science, and start-ups is key. Learn more about how homePORT has been meeting these requirements by designating and providing for test areas, "makerspace", and an overarching community in the heart of the port to serve as a maritime real laboratory. This presentation will present their story concerning challenges and lessons learned.

Marius Eschen
Product Lead New Business & Partnership
Hamburg Port Authority

TRANSPARENCY

10:15

Project Spotlight - 10 minutes

How a Blockchain Platform, Chainportal, is making changes in Busan Port

Chainport member to speak for up to 15 minutes about a Project on Port Community System, Blockchain, Digital Twin, Environmental information (emissions calculator)

Kyung-cheol PARK
Chief Information Officer
Busan Port Authority

MULTIMODAL

10:25

Panel Session - 45 minutes

E-Mobility: Multimodality

Mobility of freight and passengers is changing fast. Personal mobility, automotive industry, rail and even maritime transportation are all moving fast towards electrification. What can we expect from ports in this revolution?

Another very interactive session on Multimodal including rail and autonomous transport. The panel will include Ports and an expert on Logistics/Supply Chain, transparency and collaboration:

- Update on recent developments: rail motorways, port networks, length and speed
- Preparing for the autonomous transport of the future
- Supply chain collaboration, what is needed from different actors of multimodal solutions.

MODERATOR:

Pascal Ollivier
President & founder
maritime street

Friedrich Lehr
President
European Federation of Inland Ports and Commercial
Management Director of Hafen Wien GmbH

Albert Likholeit
CEO
Global Ports

Gareth Macnaughton
Director of Innovation
European Institute of Innovation and Technology

Elvir Dzanic
CEO
Port of Gothenburg

MULTIMODAL

11:10

Project Spotlight - 15 minutes

Improving the Traffic Flow in the Hamburg Port Area with MOZART

Hear more about how MOZART uses quantum-inspired "digital annealer" technology to provide a solution for complex calculation. This enables an overall network view and network-wide coordinated traffic light control for a steady traffic flow. The current traffic situation is recorded by the sensors and collected in a forecast model. A "Traffic Light Optimizer" calculates the optimal programme selection for the traffic lights. Initial model measurements show high potential for increasing road

Jens Meier
CEO
Hamburg Port Authority

11:25

Presentation - 5 minutes

Smart Ports: Piers of the future 2021 Overview

Emma Cobos
Director of Innovation and Business Strategy
Port of Barcelona

SUSTAINABILITY

11:30

Project Spotlight - 5 minutes

The most view video on Smart Ports Platform: Eco Wave Power Global

Eco Wave Power Global ("Eco Wave Power") is a leading onshore wave energy technology company that has developed a proprietary, smart and cost-effective technology to convert waves from the seas and oceans into green electricity. Eco Wave Power's mission is to help combat climate change by facilitating the commercial production of wave energy.

Eco Wave Power is recognised as a "pioneering technology" by the Israeli Ministry of Energy and was rated as an "efficient solution" by the Solar Impulse Foundation. The Eco Wave Power project in Gibraltar has received funding from the European Union Regional Development Fund and the European Commission's Horizon 2020 framework programme. The company has also received the United Nations "Global Climate Action Award".

The ordinary shares of Eco Wave Power (ECOWVE) are listed on the Nasdaq First North and its ADS (WAVE) on the Nasdaq Capital Market.

By way of reference, the video shows the company's projects in Gibraltar and Israel.

Inna Braverman
CEO
Eco Wave Power





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MULTIMODAL

11.35

Project Spotlight - 10 minutes

AI-Driven Port Logistics Optimization: the case of Montreal

Bottlenecks can occur at ports when vessel and train schedules are desynchronized, creating operational inefficiencies and excessive dwell times. This project focuses on the optimization of rail operations at the Port of Montreal, providing shared and advanced visibility to all ecosystem partners and enabling data-driven decision making, predictions and planning scenario analyses. The solution combines machine learning techniques for prediction tasks with operations research for the optimization of port planning and operations.

Daniel Olivier
Director Business Intelligence & Innovation
Montreal Port Authority

Behnaz Saboonchi
Chief Supply Chain Officer
IVADO Labs

TRANSPARENCY

11.45

Panel Session - 45 minutes

Working Together & Collaboration

Insight into how Ports are working together either through collaboration or having a financial vested interest in other ports. Live discussion on what cooperation looks like with competition in mind.

MODERATOR:

Pascal Ollivier
President
maritime street

Paul Walter
Head Digital Strategy & Technology Innovation
Port of Rotterdam

Jinsun Shin
Deputy General Manager
Busan Port Authority

Luc Arnouts
Vice President International Relations and Networks
Port of Antwerp

Barbara Scheel
CEO
Copenhagen Malmö Port

RESILIENCE

12.40

Project Spotlight - 10 minutes

Port of LA's Cyber Resilience Center

"The Port of Los Angeles is implementing a Port Cyber Resilience Center (CRC), a first-of-its-kind port community cyber defense solution. Focused on detecting and protecting against malicious cyber incidents potentially impacting cargo flow, the CRC is also expected to greatly improve the quality, quantity and speed of cyber information sharing within the Port community."

"Currently, companies and stakeholders at the Port monitor and respond to cyber threats individually. While still allowing stakeholder control over their own information and security protocols, the CRC will serve as a "system of systems" and focal point across all participating supply chain stakeholders for cyber threats to the Port of Los Angeles ecosystem. The CRC will enable participants—such as tenants and cargo handlers—to quickly share threat indicators with each other and better coordinate defensive responses as needed. The CRC will also serve as an information

Lance Kaneshiro
CIO
Port of Los Angeles

RESILIENCE

12.30

Project Spotlight - 10 minutes

Supply Chain Visibility Reinvented at the Port of Los Angeles

Recent events have put supply chains to a rigorous test. Among them, the pandemic has proven that supply chains are fragile and disconnected. Digitization can bring certainty back to the supply chain. Port Optimizer™ provides that certainty through empowered decision making. Our digital platform provides enhanced visibility, both real-time and predictive. It allows for continuous improvement of the supply chain through stability, predictability, and exception management when needed.

Soufyane Meftah
Solutions Architect
Wabtec Corporation

12:50

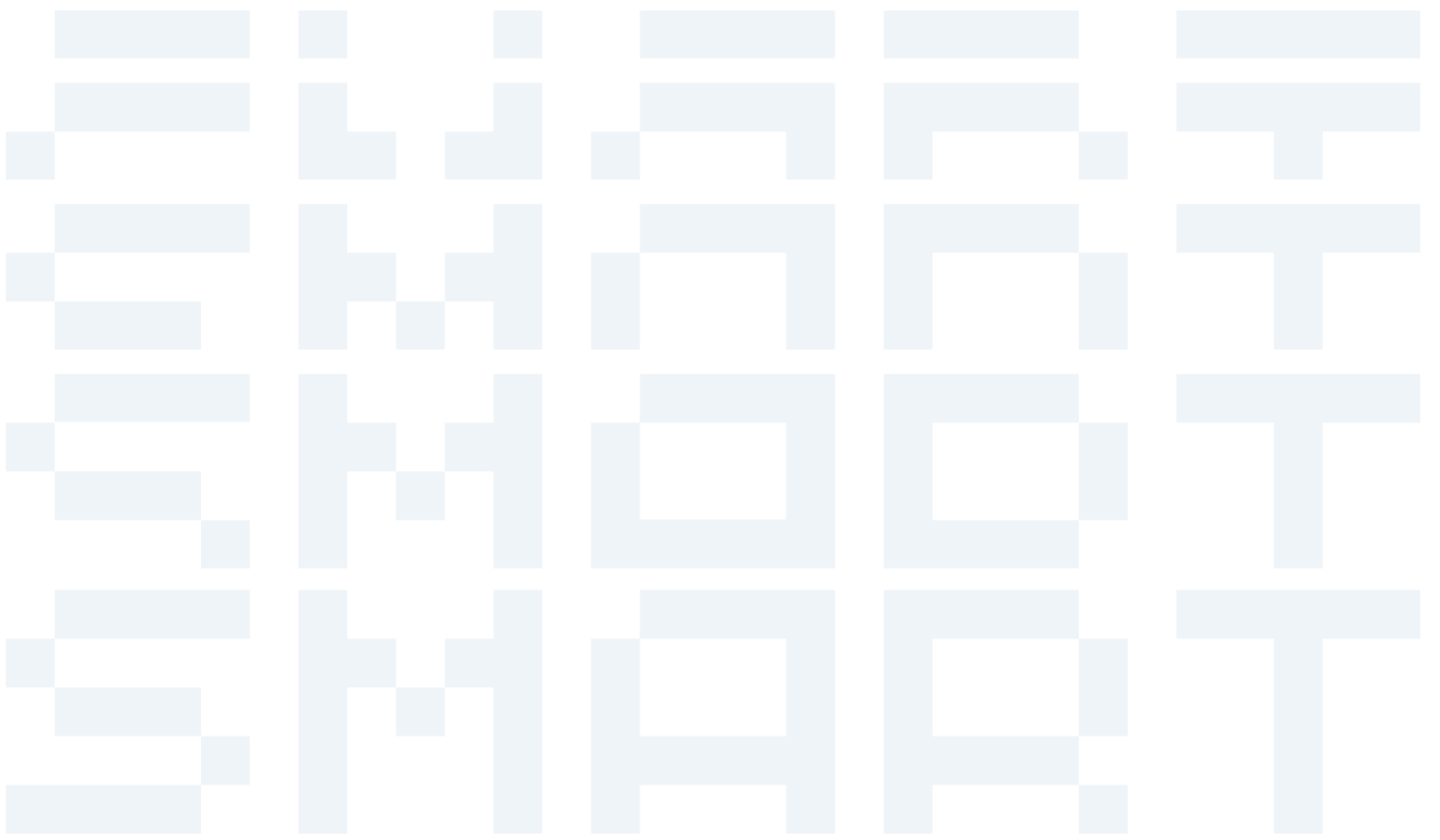
Closing Remarks

The Deputy General Manager for the Port of Barcelona's Innovation and Business Strategy will make the closing remarks

Santiago Garcia-Milà
Deputy General Manager for the Innovation and Business Strategy
Port of Barcelona

13:00

End of Conference



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