



GREENTECH

FOR PORTS AND TERMINALS

7 - 8 MAY 2024

WORLD TRADE CENTER BARCELONA

CONFERENCE
AGENDA
AT A GLANCE

THE ROAD TO NET ZERO



GREENTECH
FOR PORTS AND TERMINALS



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DAY ONE AT GREENTECH FOR PORTS & TERMINALS 2024

MORNING SESSION

8:00AM - 8:45AM

REGISTRATION AND MORNING COFFEE

Visit the PTI team at the registration desk to get your pass for Greentech 2024, grab a coffee and network in our exhibition area as we await the beginning of the conference.

8:45AM - 9:00AM
OPENING REMARKS

WELCOME TO GREENTECH 2024 FROM THE PORT OF BARCELONA

Find your seat and get ready for the start of Greentech 2024 with a short talk from our chairperson. This introduction will preview what is in store for the next two days of content here in Barcelona and help you to make the most of our networking opportunities.

Following our chairperson's remarks, we will be joined by Emma Cobos from the Port of Barcelona, who will launch the conference with a few words as our host port.

Kevin Martin, *Interim Transformation Manager, One Digital Nation*

Emma Cobos, *Director of Innovation and Business Strategy, Port of Barcelona*

9:00AM - 9:45AM
PANEL AND Q&A

GREEN PORTS OF THE NOT SO DISTANT FUTURE: REGULATION, STRATEGY AND UPCOMING TRENDS

This opening panel discussion will set the scene with a discussion about the future sustainability strategies of ports and terminals. Join us as we discuss strategies for green ports, the regulatory landscape, the technologies enabling decarbonisation and building the business case for sustainable investments.

Manuel Martinez de Ubago Alvarez de Sotomayor, *Business Manager & Product Manager, NextPort.AI*

Hector Calls, *Head of Environmental Sustainability, Port of Barcelona*

Victor Shieh, *Strategy & Communications Director, IAPH*

George Wagner, *Chief ESG Officer, Yildirim Group*

Estefania Soler, *Sustainability Leader, Hutchison Ports BEST*

9:45AM - 10:30AM
PANEL AND Q&A

THE ROLE OF PORTS IN THE EMERGENCE OF GREEN SHIPPING CORRIDORS

This session will discuss the recent emergence of numerous green shipping corridors and what makes them an essential step in the decarbonisation of the maritime industry. We will focus on the role of ports in the establishment of green shipping corridors, from funding and policy support to key objectives and implementation considerations.

Alex Pons, *Principal Consultant - Transport Policy, Ricardo*

Maurici Hervás, *Energy Transition Researcher, Port of Barcelona*
Patrik Benrick, *Head of Strategic Development & Innovation, Port of Gothenburg*
Elyse Lawson, *Senior Program Manager, Green Ports & Shipping, C40 Cities*

10:30AM - 11:00AM NETWORKING COFFEE BREAK

11:00AM - 11:15AM
PANEL AND Q&A

GREENING CONTAINER TERMINALS WITH OR AND DATA ANALYTICS: THE GREEN YARD SCHEDULER APPROACH

Afshin Mansouri, *Professor of Operations & Supply Chain Management, Brunel University London*

11:15AM - 12:00PM
PANEL AND Q&A

SUSTAINABLE PORT DEVELOPMENT: ACHIEVING ECONOMIC GROWTH WHILE MEETING ENVIRONMENTAL OBJECTIVES

The all-important question regarding the implementation of sustainable technologies and practices: With ports and terminals transforming quickly, how can we balance environmental sustainability with economic objectives? The industry cannot afford for these principles to be mutually exclusive.

Join our panel as they discuss how new investments, implementations and practices must take both factors into consideration.

Yeşim Elhan-Kayalar, *Advisor - Office of Chief Economist, Asian Development Bank*

Tommaso Spanevello, *Responsible for European Affairs, Haropa Port*

Hugues Paris, *Vice President Sustainability, Port of Québec*

Dafne José, *Group Quality & Environmental Manager, Euroports*

Alberto Jaraiz, *Head of Environmental Department, Port of Vigo*

12:00PM - 13:00PM
PANEL AND Q&A

HIGH AMBITION CLIMATE COLLECTIVE X C40 CITIES PRESENT: CLEAN PORT POWER TOOLKIT

This session hosted by High Ambition Climate Collective will showcase the Clean Port Power Toolkit, alongside case studies from Port of Oslo and Port of Barcelona. Be sure to consider your questions for the closing audience Q&A.

Allyson Browne, *Founder & Chief Executive Officer, High Ambition Climate Collective*

Elyse Lawson, *Senior Program Manager, Green Ports & Shipping, C40 Cities*

Emma Minken, *Environmental Advisor, Port of Oslo*

Javier Garrido, *Innovation Manager, Port of Barcelona*

13:00PM - 13:45PM
NETWORKING LUNCH BREAK

DAY ONE AT GREENTECH 2024
AFTERNOON SESSION

13:45PM - 13:55PM
KEYNOTE ADDRESS

NAVIGATING THE DIGITAL HORIZON

Charles Wyng, *Program Manager, Wärtsilä Voyage*

13:55PM - 14:05PM
KEYNOTE ADDRESS

GREEN ANCHORAGE ZONES - DECARBONISATION IN PORTS AND HUBS

Sebastian Toft, *Co-founder & CCO, Stillstrom*

14:05PM - 14:30PM
KEYNOTE ADDRESS

GOING LIVE: FIRST 100 DAYS OF ONSHORE POWER SUPPLY FOR CONTAINER VESSELS

Hanno Bromeis, *Head of Port Energy Solutions, Hamburg Port Authority*

14:30PM - 15:15PM
PANEL AND Q&A

BATTERY-ELECTRIC CONTAINER HANDLING EQUIPMENT: HOW THE INDUSTRY CAN ACHIEVE WIDESPREAD ADOPTION

The electrification of port equipment appears to be an inevitability and the single greatest step on the path to meeting decarbonisation objectives in ports. This session will consider the major constraints for ports looking to electrify their equipment in 2024, the best steps for implementation and how we can make adoption of the equipment more affordable, accessible and attractive.

Amrish Bansal, Senior Vice President - Business Advisory & Consulting, Lloyd's Register

Ilari Lehtinen, Sales Manager Horizontal Transportation, Kalmar

Bart Vermeer, Senior Director, Moffatt & Nichol

Jelle Burger, Program Lead Electrification Ports, APM Terminals

Remmelt Thijs, Senior Project Manager, Portwise

15:15PM - 15:45PM
NETWORKING COFFEE BREAK

15:45PM - 16:30PM
PANEL AND Q&A

THE IMPACT OF SHORE POWER AND THE QUESTION OF MANDATORY ADOPTION

This session will showcase some existing shore power projects from funding to implementation and discuss how the technology will need to change see improved rates of adoption. Finally, we will consider if a shore power system should be mandatory, particularly in port cities like our current setting in Barcelona.

Lukas Leppert, *Consultant for Transport Policy, NABU*

Ana Arevalo, *Head of the Shorepower Department, Port of Barcelona*

Hanno Bromeis, *Head of Port Energy Solutions, Hamburg Port Authority*

Abhijeet Kokate, *Senior Program Manager - Decarbonisation Office, APM Terminals*

Peter Selway, *Shore Power Specialist, Powercon*

16:30PM - 17:30PM
PANEL AND Q&A

LOW AND ZERO EMISSION FUELS NOW: THE ROUTE TO SUSTAINABLE POWER FOR VESSELS, VEHICLES AND CONTAINER HANDLING EQUIPMENT

Adriaan Landman, *COO & Co-founder, Allread*

Lukas Leppert, *Consultant for Transport Policy, NABU*

Daniel Ruiz, *Responsible for Sustainable Fuels, Port of Barcelona*

Tim Scarbrough, *Director of Maritime Strategic Growth & Development, Ricardo*

Antonio Goncalves, *Business Development Leader & Member of the Maritime Advisory Executive Team, DNV Maritime*

DAY TWO AT GREENTECH 2024

MORNING SESSION

<p>8:00AM - 8:45AM</p>	<p>DAY TWO REGISTRATION AND MORNING COFFEE</p> <p>Network with other attendees at this networking session, ahead of day two at Greentech. New arrivals can visit the registration desk to secure their pass.</p>
<p>8:45AM - 8:50AM OPENING REMARKS</p>	<p>INTRODUCTION TO THE SECOND DAY AT GREENTECH 2024</p> <p>Our chairperson offers a short review of our first day at Greentech, and a preview of the sessions yet to come! Be sure to get your questions in during our panel discussions.</p> <p>Kevin Martin, <i>Interim Transformation Manager, One Digital Nation</i></p>
<p>8:50AM - 9:20AM OPENING KEYNOTE</p>	<p>DIGITAL PORT CALL PLATFORM: ENABLING FULL SITUATIONAL AWARENESS, JUST-IN-TIME PLANNING AND DATA-BASED DECISIONS</p> <p>Karno Tenovuo, <i>CEO, Awake.AI</i></p>
<p>9:20AM - 9:30AM KEYNOTE ADDRESS</p>	<p>DYNAMIC SIMULATION MODELLING FOR OFFSHORE WIND PORTS - ESBJERG CASE STUDY</p> <p>María Ferrer Mena, <i>Offshore Wind Port Planner / Assistant Engineer, Moffatt & Nichol</i></p>
<p>9:30AM - 10:30AM PANEL AND Q&A</p>	<p>DIGITALISATION: LIGHTING THE WAY FOR DECARBONISATION</p> <p>Ani Matcharashvili, <i>Sales Engineer, Portxchange</i></p> <p>Jasper Boessenkool, <i>Senior Sales Director, Portchain</i> Maria Manuel Cruz, <i>Environmental Manager, Port of Aveiro</i> Ammar Sabbagh, <i>VP of Industry and Partnership, Ports and Energy, Ericsson</i> Geert De Wilde, <i>CEO, Nxtport International</i></p>
<p>10:30AM - 11:15AM PANEL AND Q&A</p>	<p>STANDARDS, COLLABORATION & THE IMPORTANCE OF PORT CALL OPTIMISATION ON CARBON EMISSIONS</p> <p>Standards, collaboration and the tools and technologies they enable, such as port call optimisation, can allow ports and terminals to make great gains on sustainability. Our panel members will each have the opportunity to share their views on the impact of these principles and technologies and discuss how a lack of collaboration could bottleneck the quest for decarbonisation in ports and terminals.</p>

Victor Shieh, *Strategy & Communications Director, IAPH*

Yeşim Elhan-Kayalar, *Advisor - Office of Chief Economist, Asian Development Bank*
Kristina Jumelet, *Business Product Owner Operational Efficiency standards, DCSA*
José Andrés Giménez Maldonado, *Director of Port Logistics, Fundación Valenciaport*
Ani Matcharashvili, *Sales Engineer, Portxchange*

11:15AM - 11:45PM MORNING NETWORKING COFFEE BREAK

11:45AM - 12:00PM
KEYNOTE ADDRESS

ELECTRIFICATION: ENABLER OF MARITIME SECTOR DECARBONISATION

This talk will consider how ports can position themselves as future-ready transport and energy hubs while assuring safe, reliable, affordable operations on the path to net zero.

Michaela O'Donohoe, *Strategic Growth Leader, GE*

12:00PM - 12:45PM
PANEL AND Q&A

INTERMODALITY: HOW AN EFFICIENT SEA TO RAIL CONNECTION IS THE KEY TO SUSTAINABLE INLAND CONTAINER MOVEMENT

Join us for this two part conversation, which will begin by showcasing the innovative technologies which are supporting and enabling the role of ports as efficient hubs in the intermodal supply chain, before discussing the recent shift towards intermodal container transportation and speculating about how the future adoption of intermodality will impact the way ports operate.

Geert De Wilde, *CEO, Nxtport International*

Pablo Garcia, *General Manager, Hutchison Logistics Synergy SA*
Gadi Benmoshe, *Institutional Network Leader, AELER*

12:45PM - 13:45PM
PANEL AND Q&A

DISRUPTORS: THE EMERGING TECHNOLOGIES TRANSFORMING PORT & TERMINAL SUSTAINABILITY

This session will allow the new technology owners in our industry to present their innovations, which promise to disrupt the way that ports and terminals operate, innovate and decarbonise. Each presenter will have the opportunity to give a presentation before allowing the audience the opportunity to ask questions.

Gadi Benmoshe, *Institutional Network Leader, AELER*

Pim van Leeuwen, *Simulation Consultant, Portwise*
Jurgi Areizaga Casares, *Director, Oficina Verde - Algeciras Port Authority*
Cristina Alburquerque Otero, *Environmental Manager, Balearic Port Authority*
Nicholas Zylbergajt, *CEO, Unmanned Life*

13:45PM - 14:00PM
PANEL AND Q&A

CLOSING REMARKS AND CONFERENCE CLOSE

14:00PM - 15:00PM
NETWORKING LUNCH