

EUROPEAN ENVIRONMENTAL PORTS CONFERENCE 2017

07-08 JUNE 2017, ANTWERP, BELGIUM

Strategies and Technologies for Reduced Environmental Impact
and Greater Sustainability

CONFIRMED SPEAKERS INCLUDE:

Sotiris Raptis
Senior Policy Advisor for Environment and Safety, EcoPorts Coordinator
ESPO

Giovanni Terranova
Head of Project Unit
North Adriatic Sea Port Authority

David Knott
Compliance Manager
Belfast Harbour

Mario Dogliani
Technical Director
SEA Europe

Anna Bobo Remijn
Directorate-General for Mobility and Transport, Maritime Safety Unit
European Commission

Poul Woodall
Director, Environment & Sustainability
DFDS A/S

Paul Altena
Manager, European Government Affairs
CLIA Europe

Sönke Diesener
Transport Policy Officer
NABU - Naturschutzbund Deutschland

Sofia Fürstenberg
Innovation and Sustainability Advisor
Fürstenberg Maritime Advisory

Ron Van Gelder
Senior Advisor
Port Of Rotterdam Authority

Marta Citron
Head of Environmental Unit
North Adriatic Sea Port Authority

Aino Rantanen
Quality and Environmental Manager
Port of Helsinki Ltd

Raúl Cascajo
Head of Environmental Policies
Port of Valencia

José María Gómez Fuster
Head of Planning
Port Authority of Cartagena

Conor Feighan
Policy Advisor
FEPORTE

Bogdan Oldakowski
Secretary General
Baltic Ports Organisation

Albert Willemsen
Environment Executive
ICOMIA

Valeria Mangiarotti
Delegate for Environment
MedCruise

Sandrine Devos
Secretary General
European Boating Industry

PRE-CONFERENCE TRAINING WORKSHOP

 **Tuesday 6th June - training given by:**
Frank Braunschweig & Rodrigo Fernandes
Consulting & Technology

Action Seaport: a mobile-friendly decision support system to improve safety, environmental and operational port performance. This practical training session gives a hands-on introduction to ACTION Seaport's web / mobile-friendly technological platform.

The session is offered at **no extra charge** to registered delegates. Only **20 spaces** are available, and are allocated on a first come first served basis. Book early to avoid disappointment.

EVENT SPONSORS

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COMMERCIAL & SPONSORSHIP OPPORTUNITIES:

For more information please contact

Jean-Jacques Hermans jhermans@acieu.net T: +44 (0) 203 141 0608

European Environmental Ports Conference 2017

Antwerp, Belgium

7th-8th
June
2017

About the Conference:

ACI's European Environmental Ports Conference 2017 will bring together senior representatives from the global port community and shipping companies, as well as environmental policy-makers, academic experts, consultants, and technology providers.

Given the increasing focus on environmental regulations from the IMO and policy makers in the maritime sector, there is a growing responsibility and requirement for ports to reduce their environmental impact. It is an important time to share best practices, and explore new technologies and methodologies in order to advance port operations with minimal ecological consequences.

The two-day event will feature informative presentations on the very latest challenges, solutions and developments in reducing emissions, pollution and energy consumption, as well as engaging discussion around the exciting potential of co-operation and symbiosis for a greener future.

Who Should Attend:

All ACI's events attract a targeted group of senior level executives and decision-makers from the industry. Our meetings are strictly end-user focused. Only a select group of companies are invited to sponsor the event—to ensure the emphasis is on the industry participants, and making sure our delegates have a valuable and positive experience.

Delegates will be drawn from:

ports, port authorities, terminal operators, shipping companies, logistics companies, shipowners, environmental technology and service providers

Job roles include:

environmental managers and planners, harbour masters, logistics managers, energy managers, sustainability and corporate social responsibility executives

Commercial & Sponsorship Opportunities:

Gain direct access to our senior level audience and gain an increased level of visibility through branding and networking. For information on commercial and sponsorship opportunities, contact

Jean-Jacques Hermans:

+44 (0) 203 141 0608 - jhermans@acieu.net

Registration is Simple:

To register or to request further information, contact

Cheryl Williams:

+44 (0) 203 141 0623 - cwilliams@acieu.net

www.acieu.net - 10 Gough Square, London, EC4A 3DE

Topics for Discussion:

- Developing environmental practices to comply with changing legislation, including designation of the North and Baltic Seas as a NECA
- Reducing air emissions, including through use of LNG and other eco-friendly fuels
- Safe and cost-effective disposal of waste, dredging materials, contaminated soil and sediments
- Technical solutions to reduce energy consumption and speed the transition to clean energy
- Reducing the port's impact on local communities and wildlife—mitigating nuisance from noise, dust, and odour
- Integrating ports and cities and moving towards a circular economy though industrial symbiosis
- Gathering ports & shipowners to exchange best practices and discuss shared compliance with environmental regulations
- Managing the impact of human behaviour on the environment within the port
- The non-European perspective: case studies from ports in America and Asia
- Reducing water consumption, improving water quality and minimising pollution—including compliance with the IMO Ballast Water Convention

Action Seaport - Training Course

12:30 -13:30	Registration
13:30 -14:00	ACTION Seaport overview Powerpoint presentation with general introduction to the software solution
14:00 -14:30	ACTION Seaport technical overview Powerpoint presentation with background information (numerical models, data sources)
14:30 -15:00	Networking Refreshments
15:00 -15:45	Hands-On (I) Visualizing realtime and forecast information to support maritime situational awareness, ship pilotage and navigation, and early warning notifications
15:45 -16:45	Hands-On (II) Running Oil Spill and Search & Rescue scenarios
16:45 -17:00	Q&A and Closing

WI-FI will be available but participants will need to bring their own laptop, tablet or smartphone in order to take part in the workshop.

ACTION Seaport combines data acquisition systems, numerical forecasting systems and data analytics, to help Port Authorities (as well as coastguards and other maritime authorities) in pilotage and navigational activities, protection to adverse marine weather conditions, tactical response to marine pollution incidents, and environmental monitoring from fixed stations. Using state-of-the-art web-based mobile-friendly technology for user-interfacing, the system is also able to publish and distribute information in other platforms, including tailor-made SMS and email alerts, and periodic digital reports. This cutting-edge web-based and mobile-friendly platform provides advanced answers in an ultimate and visually striking user-experience, working seamlessly in laptop, tablet or smartphone.

Antwerp, Belgium

DAY 1

Wednesday 7th June 2017

08:00 REGISTRATION & COFFEE

09:00 CHAIRMAN'S OPENING REMARKS



José Anselmo
Former Principal Advisor,
Motorways of the Sea
European Commission

09:15 CONFERENCE SESSION ONE

Developing Environmental Practices to Comply with Changing Legislation

Sustainable Policies of EU Ports

- Environmental policy after the Paris Agreement and IMO 0.5 sulphur cap
- ESPO Green Guide
- 20 years of EcoPorts



Sotiris Raptis
Senior Policy Advisor for Environment and Safety, EcoPorts Coordinator
ESPO

Driving Compliance; Ensuring Quality and Success

- Driving Compliance Ensuring Quality and Success is a real challenge
- The structure, aim, measures method of assessments of EU and International Regulations are not always harmonised
- How to implement Environmental Practices for compliance, with some examples



Albert Willemsen
Environmental Consultant
ICOMIA

10:15

PANEL Q&A

10:30

MORNING REFRESHMENTS

11:00

CONFERENCE SESSION TWO

Reducing Air Emissions to Comply with Regulations

Terminal Operators Going Beyond the Minimum in Emission Reductions



Conor Feighan
Policy Advisor
FEPOR

Low Emission Mobility: Current Trends and Future Perspectives



Mario Dogliani
Technical Director
SEA Europe

The Future of Reduced Emissions in European Ports

- The mission of the MedCruise association in the cruise industry in the Mediterranean sea, Black sea, Red sea and the near Atlantic
- The legal aspect of the European directive for our ports (Eu Directive 2016/802 Art 6-7)
- The main effects of environmental directives on Mediterranean ports for cruise ships
- The possibility to reduce emissions of cruises: shore-side electricity, LNG
- The choice of MedCruise and the choice of the cruise industry
- Estimates of the demand in LNG for Italian seaports. Some LNG projects in MedCruise's ports.



Valeria Mangiarotti
Delegate For Environment
MedCruise

12:30

12:50

13:50

PANEL Q&A

LUNCH

CONFERENCE PRESENTATION

Implementing a Mobile-Friendly Platform to Improve Port Environmental, Safety and Operational Performances: Port of Lisbon as a Case Study

- Environmental monitoring: data management and visualization of real time measured or estimated water and air parameters (e.g. monitoring stations; air emissions from ships); comparison with models.
- Environmental emergency response: support to marine pollution tactical response through advanced and reliable on-demand oil, chemical (HNS), ballast water exchange and inert spill forecasting, as well as simulation of the drift of floating containers and search and rescue operations.
- Improved maritime situational awareness with multiple data integration: metocean models, drift forecasts, vessel positioning, webcams, weather stations or buoys – everything available in the same platform.
- Improve the information on expected port downtimes due to adverse weather conditions in the approach to channel or port entrance, using early-warning notifications and reports with high resolution information from currents, waves and meteorology.



Frank Braunschweig & Rodrigo Fernandes
Action Modulars

14:35

CONFERENCE SESSION THREE

Safely Disposing of Ship and Port Waste and Contaminated Soil

MARPOL Waste Management at the Port of Cartagena



José María Gómez Fuster
Head of Planning
Port Authority of Cartagena

Legislative Revision of EU Directive on Port Reception Facilities



Anna Bobo Remijn
Directorate-General for Mobility & Transport, Maritime Safety Unit
European Commission

15:15

PANEL Q&A

15:30

AFTERNOON REFRESHMENTS

16:00

CONFERENCE PRESENTATION

The Baltic as a Model Region for Green Ports and Maritime Transport

- Ports and shipping in the Baltic – impact on environment
- Regulations and policy aiming at a cleaner Baltic
- Responding to regulations
- Case studies, voluntary achievements



Bogdan Oldakowski
Secretary General
Baltic Ports Organisation

16:45

CONFERENCE PRESENTATION

Transitioning to Clean Energy and Reducing Energy Consumption Within the Port



Marta Citron
Head of Environmental Unit
North Adriatic Sea Port Authority



Giovanni Terranova
Head of Project Unit
North Adriatic Sea Port Authority

17:30

CLOSE OF DAY ONE

DAY 2

Thursday 8th June 2017

08:30

REGISTRATION & COFFEE

09:00

CHAIRMAN'S OPENING REMARKS



José Anselmo
Former Principal Advisor,
Motorways of the Sea
European Commission

09:05

CONFERENCE SESSION FOUR

Reducing the Port's Impact and Improving the Relationship with Local Industries, Residents and Wildlife

Reducing our Environmental Impact – Hard and Soft Options



David Knott
Compliance Manager
Belfast Harbour Commissioners

Reducing noise from port operations in Port of Helsinki

- Where does the noise come from? Challenges with operating in the heart of a growing city.
- Limit values and monitoring of noise in passenger and cargo harbours.
- Challenges with monitoring and measuring noise.
- Different possibilities to reduce noise.
- What lies ahead? Solutions and challenges.



Aino Rantanen
Quality and Environmental Manager
Port of Helsinki Ltd

4th Generation Environment Management – A Better Way To Deal With Port Noise

- Noise is a side effect of industrial operations. Exposure to this noise impacts on nearby neighbors' quality of life.
- This, in turn, may lead to complaints that can impact on port operations and lead to financial risk.
- This paper explains the concept of environmental capacity and explains how reducing noise levels is only part of the solution.



Christian Hornstrup
Business Development Manager
Brüel & Kjær Sound & Vibration Measurement A/S

10:35

PANEL Q&A

Antwerp, Belgium

10:55 MORNING REFRESHMENTS

11:25 CONFERENCE SESSION FIVE

Integrating Ports and Cities Through Industrial / Civil Partnerships and Synergies

Embracing Uncertainty and Change - How Collaboration Capabilities Will Open Up Opportunity Space

- Why do collaborations fail? What are the organizational and structural reasons for this?
- Why is it good to collaborate across and within the industry, and what value can you expect from engaging in different types of networks?
- What are the opportunities on the horizon that the port industry is already embracing, and how we can we look at that from a collaboration perspective?



Sofia Fürstenberg

Innovation and Sustainability Advisor
Fürstenberg Maritime Advisory

Port-City Relations in a Changing World of Production and Transport

- Double digit growth of container freight is over.
- Renewable energy will down oil and coal transport.
- Politics is challenging free trade.
- Public will no longer accept air pollution and climate damage.
- Many challenges are not seen or are underestimated by port authorities. Many of them affect land management and infrastructure decisions of ports.
- Likewise digitalisation, re-location of production, 3-D printing and other new trends bear new chances for ports.
- Port authorities have to question their strategies.



Sönke Diesener

Transport Policy Officer
NABU - Naturschutzbund Deutschland

12:25 PANEL Q&A

12:40 LUNCH

13:40 CONFERENCE SESSION SIX

Improving Water Quality and Minimising Pollution

Discharges to the port waters: a matter for the harbourmaster?



Ron Van Gelder

Senior Advisor DHMR
Port of Rotterdam Authority

Centralised industrial water management solutions for industrial clusters



Jeroen Rosengarten

Manager Business Development
Evides Industriewater

14:40

14:55

PANEL Q&A

PANEL DISCUSSION

Gathering Ports & Shipowners to Discuss Environmental Regulations and Shared Responsibility

- Accommodating larger ships while addressing the risk of increased waste, pollution, energy consumption, etc.
- Provision of electricity and fuel for vessels while in port
- The potential for joint investment to finance projects that benefit ports, vessel-owners and the environment
- Best practices for ensuring shared compliance and fair division of responsibility
- Addressing the challenge of differences in regulations between ports and vessels, and between leisure and commercial shipping



Paul Woodall

Director, Environment & Sustainability
DFDS A/S



Sandrine Devos

Secretary General
European Boating Industry



Paul Altena

Manager, European Government Affairs
CLIA Europe



Ron Van Gelder

Senior Advisor DHMR
Port of Rotterdam Authority



Raúl Cascajo

Head of Environmental Policies
Port of Valencia

15:55

CHAIRMAN'S CLOSING REMARKS



José Anselmo

Former Principal Advisor,
Motorways of the Sea
European Commission

16:05

END OF CONFERENCE

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Registration Is Simple

If you would like to register for this event or wish to find out more information, you can contact **Cheryl Williams** using any of the following methods:

 +44 (0)20 3 141 0623

 cwilliams@acieu.net

 <http://www.acieu.net>

 Postal Address:
ACI Europe, 10 Gough Square, London, EC4A 3DE

Registration Is Simple

Conference (Includes Access to All Documentation)

7th–8th June 2017

£1,595.00

Documentation Packet Only

£420.00

Please Note.

Members and customers of all supporting organisations are entitled to a discount off their conference package.

For more information please call +44 (0)203 141 0623

Documentation Packet Available

We are selling the Environmental Ports Conference 2017 papers at just £395 (+£25 P&P). Simply tick the box on the booking form, send it with payment and your copy will be on its way to you after the meeting.

This important manual will be a source of invaluable reference for the future.

About ACI

ACI, a UK owned company, has been running successful conferences in the USA since 1999. Headquartered in Chicago with offices all around the States, ACI opened its European head office at the end of 2005 and has expanded rapidly, launching a series of events in key industries including maritime, energy, oil & gas, cosmetics, chemicals & media.

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