

Ports & the Environment 2015



6th International Seminar

Renaissance Hotel, Amsterdam, the Netherlands



19th March 2015

EVENT BROCHURE & PROGRAMME DELEGATE REGISTRATION

organised by



official journal



Ports & the Environment



Following the success of the seminars since the first event back in 2008, MCI Media Ltd has pleasure in hosting the sixth International Ports & the Environment Seminar 2015. Committed to delivering an event of the highest calibre - not only in-depth and informative but stimulating and enjoyable - the programme provides an invaluable learning opportunity from industry experts and market leaders. Exploring the latest environmental developments and issues surrounding the port and shipping industry the seminar offers an ideal platform for discussion, debate and networking...

Ports & the Environment 2015
is specially designed for :

- Planning officers
 - Advisors
 - Consulting engineers
 - Operations managers
 - Legislators
 - Local authority officials
 - Equipment manufacturers
 - Environmental officers
 - Ship operators
 - Government officials
 - Development officers
- and representatives of ports
& terminals around the world...

Ports & the Environment 2015
presentation topics include :

- Environmental dredging
- Terminal planning
- Easing congestion
- Dredging disposal
- Dust emissions
- Noise emissions
- Electrical equipment
- Legal framework
- Cold ironing
- Green operations
- Port development
- Education/training
- Cities & ports
- Conversion of port equipment
- and much more!

Sponsorship

Take a prominent and prestigious role at the event via sponsorship and cement your position as a market leader!

Organisations can enhance and raise their profile, put their name in front of decision makers, launch a new product or technology and establish their brand by hosting a networking reception or by simply sponsoring the delegate pack.

With sponsorship levels ranging from Diamond to Bronze there is a package to suit every need and budget!

For further information please tick the relevant box on the registration form and a member of our team will contact you.

Or alternatively contact Claire Palmer directly on:
claire@mcimedia.com
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Testimonials

"I consider the conference to be a success given the diversity of delegates and the interesting points raised in the Question & Answer sessions"

**Head of Maritime Training Centre,
HELMEPA / INTERMEPA**

"A good sample of presentations with subjects that fit well with each other"

Senior Consultant, ECORYS Transport

"The conference brought a very large amount of knowledge to the area of environment in ports"

Maritime Student, Erasmus University

"I definitely consider the conference a success, this is a very topical subject"

European Sales Manager, SYFT Technologies

"There have been a lot of interesting discussions which will influence our future work and studies."

Head of Optimisation & Simulation, ISL

email: claire@mcimedia.com

Ports & the Environment



Seminar programme

09.00-09.30 Delegate arrival & registration
09.30-09.40 Welcome remarks - MCI Media

09.40-10.05 *An eco-dynamic design for harbour walls & offshore structures*

There is an urgent need to introduce new environmentally-friendly innovations to solve corrosion problems and reduce O&M costs. A three-phase Eco-Dynamic Design for harbour walls and offshore structures has been created by IMARES, TNO and Endures. The presentation looks at this new "natural" approach to developing and protecting marine infrastructure.
Edwin Foekema, Researcher/Project Manager, IMARES Wageningen, Netherlands (tbc)

10.05-10.30 *Environmental factors of LED lighting*

In an industry that continues to stress the importance of sustainability, LED lighting is opening up a whole new world of options. Ports are able to maximize their resources like never before while using an eco-friendly technology. Phoenix is at the forefront of LED lighting solutions and is committed to educating terminals all over the world of its countless advantages, benefiting operations as well as the environment.
Wiam Afifi, Sales Manager, LiftCom (Official Distributor of Phoenix), Netherlands

10.30-10.45 Q&A Session
10.45-11.15 Refreshment break

11.15-11.40 *Trends in green technologies for container terminals*

Ports face increasing demands for sustainable design both in infrastructure and handling facilities. Operators have equal objectives but are looking for cost reductions through decreased life cycle cost. Over the last 15 years new systems and equipment have been developed to fulfil these demands. The presentation looks at the latest trends in the application of green technologies in facilities and equipment for container terminals.
Jan Philipp Schmidt-Ewig, Project Engineer - System Development & Consulting, Terex Port Solutions, Germany (tbc)

11.40-12.05 *Clean air in ports*

Many European cities exceed EU-limit values for air pollutants. Ports in particular contribute

heavily to air pollution. In 2012 the German Nature and Biodiversity Conservation Union (NABU) and eight European environmental organisations started the EU-LIFE+ project. Campaigning for better air quality the project is supported by the EU-Commission. Within this framework, NABU started its three-year project, "Clean Air in Ports", the presentation outlines the details of this initiative.

Malte Siegert, Head - Environmental Policy, Naturschutzbund Deutschland, Germany (tbc)

12.05-12.15 Q&A Session
12.15-13.30 Lunch

13.30-13.55 *Noise management in the Port of Rotterdam with state of the art i2 software*

Management and monitoring of noise zones is a complicated process. The i2 system is a partnership between Port of Rotterdam, DCMR Environmental Protection Agency, Province of South Holland and the municipality of Rotterdam. The current i2 was developed in the early 90's but will be completely reengineered and modernised and is expected to go live mid-2015. The design, application, benefits and ability for deployment in other ports will be presented.
Richard Schmidt, Consultant, DGMR, Netherlands

13.55-14.20 *Bridging the gap to full electrification*

Completely electrified terminals are the direction most greenfield sites are heading, but most existing sites don't have the flexibility of being redeveloped. Meeting government, corporate, community and customer expectations in the same project is challenging. "Bridging the Gap to Full Electrification" is one method which may be able to meet these goals. Opportunities to retrofit existing handling equipment with technologies that can reduce emissions by 90%, fuel use by 70% and have pay back periods of less than 3 years are presented.
Aaron Newton, Vice President, Mi-Jack Products, USA (tbc)

14.20-14.45 *Reducing the environmental impact of heavy fuel oil in maritime transport & the establishment of environmental control areas*

Maritime air pollution, in particular sulfur (SO_x), is foremost the result of the use of Heavy Fuel

Oil (HFO). Ships will be forced to reduce the emission of sulfur when using HFO or find alternative energy sources. The paper describes these options as well as the methodology to reduce SO_x when burning HFO. It will look at Emission Control Areas listing consequences and aspects of its monitoring and enforcement.

Bert Kruk, Port Consultant, Netherlands

14.45-15.00 Q&A Session
15.00-15.30 Refreshment break

15.30-15.55 *The total value contributions of ports*

The way corporations measure, report and manage their operations is evolving. Corporate decision-making is increasingly recognising the link between sustainability and the total value of an organisation. The presentation explores how the total value contribution of ports, their assets, landholdings and operations may be scoped, measured and reported.
Jeremy Richardson, Head of Climate Change & Policy, URS International Operations, UK

15.55-16.20 *Trucks and the environmental impact on ports*

Over the last seven years the entire fleet at the ports of Los Angeles and Long Beach have overhauled their operational and environmental practices, reducing emissions by nearly 90%. The model serves as a blueprint for the industry. As a result of environmental mandates or operational necessity, ports globally will be required to adopt the model.
Alex Cherin, Senior Vice President, Englander, Knabe & Allen, USA

16.20-16.45 *Busan Port - taking a leading role to improve the port environment in Northeast Asia*

As the world's 5th busiest container port Busan has made various efforts to be the leading port in NE Asia in performance and environmental issues. The presentation will share their practices from introducing an Environment Ship Index to all vessels to transferring the RTGC power from oil to electricity.

Jinsun Shin, General Manager, Busan Port Authority, UK

16.45-17.00 Q&A Session
17.00 End of seminar



Registration form

Delegate registration fees

The **early-bird delegate** registration fee is **UK£ 350.00** (plus VAT if applicable)
 After Friday 30th January the fee is **UK£ 395.00** (plus VAT if applicable)
 After Sunday 1st March the fee is **UK£ 410.00** (plus VAT if applicable)

Colleague registration fees

The **early-bird colleague** registration fee is **UK£ 250.00** (plus VAT if applicable)
 After Friday 30th January the fee is **UK£ 295.00** (plus VAT if applicable)
 After Sunday 1st March the fee is **UK£ 310.00** (plus VAT if applicable)
Fees include seminar materials, delegate pack, lunch, refreshments breaks & speaker presentations.

Delegate information

- Yes, I want to register for Ports & the Environment 2015
- Yes, I am taking a colleague(s)

Mr Mrs Ms Miss

Name

Position

Mr Mrs Ms Miss

Colleague Name.....

Position

Company

Company Activities

Address

City Postcode

Country

Telephone

E-mail

Website

Signature Date

Sponsorship

Please indicate whether your organisation is interested in one of the following sponsorship packages:

- Diamond Platinum Silver Gold Bronze

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*** We require immediate payment of fees upon registration - please complete the credit card details - thank you ***

Venue, travel & accommodation

The event will take place at the Renaissance Hotel in:
Amsterdam, the Netherlands
 Delegates and speakers are responsible for the arrangement and payment of their own travel and accommodation.

Organisers

MCI Media Ltd, Suite 11, Maple Court,
 Grove Business Park, White Waltham,
 SL6 3LW, United Kingdom



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- No liability is assumed for changes in programme date, content, speakers and venue
- By completing and submitting this form you are bound to the terms and conditions stated below
- Upon receipt of your registration form information documents will be emailed to you including an invoice
- Payment must be made at the point of registration by credit card or by bank transfer - to be received within 7 days of date of invoice – rates are set and not subject to daily exchange rates
- Cancellation is not permitted and no refunds will be given – substitutions can be made prior to the event
- If a delegate is unable to attend the delegate remains liable for 100% delegate registration and/or exhibition payment
- Delegates will not be admitted access to the event unless payment has been received
- Flights, transfers and accommodation are not included in your registration fee / exhibition booking fee.
- VAT will be charged to stated prices if applicable. All credit card payments will be taken in UK pounds we are not liable for any extra charges or costs charged by the credit card company and dismiss any liability for using these details to take payments.
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