

2nd Annual International
Networking Event

Free Passes Available for
Ship Owners & Operators

Green Shipping World

Minimising the Environmental Impact of Shipping

2nd October 2006, Marriott Hotel, Copenhagen - Denmark

Why attend?

- Listen, Question and Discuss Ideas with Ship Owners, Policy Makers, Port Authorities and Technical Solution Providers
- Learn from Leading Shipping Experts:
 - o Robert Pedersen, Director of Regulatory Affairs & Compliance, Technical Organisation, **A.P. Moeller Maersk**
 - o Kjell Sandaker, Project Development, **Eidesvik AS**
 - o Lena Blomqvist, Vice President, Environment and Fleet Performance, **Wallenius Wilhelmson Lines AB**
 - o Bertil Arvidsson, **Swedish Shipowners Association**
 - o Andy Osbourne, Business Development Director, **Krystallon** (joint venture **BP Marine** and **Kittiwake**)
 - o Duncan Johnstone, DG Environment, **European Commission**
 - o Anne Legars, Director of Government Affairs and Policy, **Shipping Federation of Canada**
 - o Baron Leo Delwaide, President, **Antwerp Port Authority**
 - o Robert Kanter, Director of Planning and Environmental Affairs, **Port of Long Beach**
 - o David Whitehead, Member of the Board, **Ecoports** and **British Ports Association**
 - o Jorg Straeussler, Chairman, **Baltic Energy Forum**
 - o Jan Fransen, Managing Director, **Green Award Foundation**
 - o Kaarina Vuorivirta, Quality and Environment Manager, **Port of Helsinki**
 - o T.L. Garrett, Vice President, **Pacific Merchant Shipping Association (PMSA)**
 - o *Plus:* **Martek Marine, MAN B&W, Cavotec Group Holding, Alfa Laval, Conservation International, ICCL, World Maritime University, Friends of the Earth & Bluewater Network**
- Benchmark your ideas with fellow participants
- Co-located with Bunkerworld's Marine Fuel Sustainability



Plus: Half Day Workshop: 3rd October 2006

Ship Design and Building – From Newbuild to Vessel Recycling

Hosted by:



Organised by:

GreenPower
energy conferences

Learn from Practical Case Studies

08.15 Coffee and Registration

2nd October 2006

08.40 Chairman's Opening Remarks

Keynote Session : Emerging Patterns and Future Trends for Green Shipping

- How best to optimise the synergies between sea-based activities and boost their economic and social potential while safeguarding the marine environment
- What's out there? Current and future views on 'green' shipping technology, environmental management systems and corporate and social responsibility

08.45 **L Robert Pedersen**, Director of Regulatory Affairs & Compliance, Technical Organisation, **A.P. Moeller Maersk**

09.05 **Shuo Ma**, Vice President, **World Maritime University**

09.25 **Kjell Sandaker**, Project Development, **Eldesvik AS**

09.45 **Eelco Leemans**, Co-ordinator Maritime Campaign, **Friends of the Earth International**

10.05 **Keynote Case Study: Concept Ship and Future Vision - The Orcelle**

- Key environmental achievements
- Concept ship and future vision - The Orcelle

Lena Blomqvist, Vice President, Environment and Fleet Performance, **Wallenius Wilhelmsen Lines AB**

10.25 Networking Coffee Break

The Legislative Framework

10.55 **Green Shipping: The Legislative Framework**

- Compliance and enforcement of 'green shipping' legislation. What is the legislative 'checklist' amid rapid environmental regulatory change?
- What is the common legal structure for policing and penalties for breach of MARPOL Annex VI?
- SECA implementation, is the market ready?
- New port and shipping capacity is essential and can provide an environmentally sound solution to EU transport needs. What are the current legislation and directives?
- Short sea shipping, what are the roles of legislation and incentives?

Duncan Johnstone, DG Environment, **EC**

Robin Meech, **Marine Energy Consulting** (*awaiting final confirmation*)

Operating Green Ships – Green Shipping Best Practice

11.25 **Costs and Benefits and the Development of Environmental Best Practices as a Toolbox for Greener Shipping**

- SFC and its experience in the development of environmental best practices
- Recent Canadian issues and clear need for industry's greater pro-activity
- Tailoring the appropriate best practice for the ship/trade/region without reinventing the wheel
- The compendium: current content, potential uses & future opportunities for innovation, policy & business

Anne Legars, Director of Government Affairs and Policy, **Shipping Federation of Canada**

Green Ports and Shipping Operations

11.45 **A Framework for Environmentally Friendly Port Operations**

- Understanding the issues of green port development
- New trends in 'green' port-led measures. What additional costs does this mean for the whole supply chain?
- How to regulate port environmental activities

Robert Kanter, Director of Planning and Environmental Affairs, **Port of Long Beach** (*awaiting final confirmation*)

12.05 **Ecoports – Ports finding Port Solutions**

- What Ecoports has achieved
- Measuring progress and setting targets
- Developing corporate social responsibility

David Whitehead, Member of the Board, **Ecoports** and **British Ports Association**

12.25 **Worldwide Green Shipping and Port Standards**

- Benchmarks for cleaner shipping and port operations
- Air pollution – cutting emissions with cleaner fuels, engines and cold ironing
- Climate change – shipping's contribution and need for change

Teri Shore, Clean Vessels Campaign Director, **Bluewater Network**

12.45 Lunch

13.45 **Panel Discussion: Cleaner Ports – Brighter Future – Should we be pushing ahead with 'Cold Ironing'?**

- Practical solutions for a clean environment
- Incentives as a tool to motivate
- Is 'cold ironing' cost effective?
- Reducing pollution emissions using AMP (alternative maritime power) shore-to-ship electrical supply system

Ottone Popesco, Group President, COO, **Cavotec Group Holding NV**

Jorg Straussler, Chairman, **Baltic Energy Forum**

Jan Fransen, Managing Director, **Green Award Foundation**

Baron Leo Delwaide, President, **Antwerp Port Authority**

Free Places Available for Shipping Lines – Book Early to Guarantee your Free Pass

- 14.45 **Case Study: Provision of Shore-Side Electricity**
- A study of shore-side connection from the viewpoint of technology, economy and environmental impacts in Helsinki South Harbour
 - The viewpoint of the total environmental impact
 - The use of shore power to reduce noise caused by auxiliary engines
- Kaarina Vuorivirta**, Quality and Environment Manager, **Port of Helsinki**

15.05 Afternoon Tea

Cleaner Fuels: Implementing Innovative and Cost Effective Solutions to Reduce Emissions

- 15.35 **New Emission Controls – A Vision of where we need to be**
- This session will discuss and debate an effective incorporation of cleaner fuels as well as:
- Achieving efficiency whilst burning cleaner fuels
 - Control and management of emissions
 - Operating new engines to meet IMO NOx standards
 - How to fund and where to regulate
- Panellists:
T.L. Garrett, Vice President, **Pacific Merchant Shipping Association (PMSA)**
Simon Brown, Business Development Manager, **Martek Marine**
Bertil Arvidsson, **Swedish Shipowners Association**
Kjeld Aabo, Senior Manager, **MAN B&W**

Advancements in Technology and Abatement

- 16.05 **Case Study: Sea Water Scrubbing – The Total Emissions Solution?**
- State of the scrubber industry – developments over the past 12 months
 - Water discharge criteria – the current facts
 - Particulate emission – the next legislation?
- Andy Osbourne**, Business Development Director, **Krystallon** (*joint venture BP Marine and Kittiwake*)
- 16.25 **Case Study: Development of Resource Efficient Technologies for the Future of Green Shipping Power and Automation Technologies**
- Representative of **ABB** (*awaiting final confirmation*)

Ballast Water Treatment, Vessel Waste and Wastewater Management Technologies

- 16.45 **Case Study: Ballast Water Treatment Systems Assessments**
- Cost-benefit analysis
 - Ballast water treatment technology
- Niclas Dahl**, Technical Manager, **Alfa Laval**
- 17.05 **Case Study: Wastewater Management**
- Wastewater Management – action and impact of legislative changes in a growing risk area
 - ICCL (International Council of Cruise Lines) and CI (Conservation International) announced a joint initiative to develop a global map that integrates additional sensitive marine areas into cruise line navigational charts where wastewater discharge should be avoided
- Jamie Sweeting**, Senior Director Travel and Leisure Programme, **CI (Conservation International)** plus representative of **ICCL (International Council of Cruise Lines)**
- 17.25 Close of Conference

3rd October 2006

Workshop: Ship Design and Building – From Newbuild to Vessel Recycling

- Ship Design
- Designing environmentally sustainable ships
- Risk based design approach
- Risk management
- Specific techniques to help in environmental issues
- Ship building issues
- Ship operational issues
- Operation of ship recycling in a safe and environmentally sound manner



Hosted by: **Deltamarin**

Since 1984 Deltamarin have worked in European shipbuilding, with a track record that includes the development of several novel prototype vessels, extensive use of 3D technology and individual projects up to 300,000 man-hours. Total lifecycle engineering for all types of vessels and offshore structures with all disciplines and engineering fields included.

Register Online Now @ www.greenpowerconferences.com

Free Passes for Ship Owners

A limited number of **free passes** are available for ship owners and managers, including:

- Free pass to the 1 day Green Shipping World conference (including lunch and refreshments)
- Free set of conference papers

To reserve your pass, fax back the attached booking form or email: annie.ellis@greenpowerconferences.com

Sponsorship & Exhibition Opportunities

With free passes available to ship owners and managers, Green Shipping World will once again be an excellent marketing platform for technology solution providers to highlight their environmental portfolio.

As a sponsor, you will benefit from:

- Networking with a guaranteed audience of shipowners
- Extensive profiling on the website, brochure and e-marketing campaign
- Extensive on-site branding at the event

A range of sponsorship opportunities available (gala dinner, cocktail reception, bag, lanyard, badge sponsor etc) which offer excellent branding to help promote your company to a targeted group of industry executives. A small number of exhibition stands are also available alongside the conference.

Contact: **Ben Leighton** +44-870-758-7808 or email ben.leighton@greenpowerconferences.com for details

Who will you Meet?

Ship owners, ship managers, ship operators, shipyards, naval architects, port & harbour authorities, regulators, classification societies, technology solution suppliers, marine engineers, maritime administrators, maritime equipment and engineering suppliers, shipping investors, environmental agencies

What Happened Last Year?

40+ representatives from ship owners and operators attended Green Shipping World, including:

- Anthony Veder, The Netherlands
- BP Marine, UK
- Broere Shipping, The Netherlands
- CP Ships, UK
- Eidesvik, Norway
- Fleet Management, Hong Kong
- Fortum Shipping, Finland
- Harrisons (Clyde) Ltd, UK
- Jo Tankers, The Netherlands
- K-Line, UK
- KBL Shipping, Germany
- Knutsen OAS Shipping, Norway
- Mitsui OSK Lines, Japan
- Multirship Towage and Salvage, The Netherlands
- Nordic Shipping, Germany
- P&O Ferries, The Netherlands
- P&O Ferries, UK
- Royal Navy, The Netherlands
- Royal Association of Netherlands Shipowners
- STASCO, UK
- Stena Line, Sweden
- V Ships, United Kingdom
- Viking Line, Finland
- Wallenius Wilhelmsen, Sweden
- Wilh. Wilhelmsen ASA, Norway

Delegate Feedback

"Very Informative and Illuminating with regard to the way forward" DM, VShips

"Good line up, interesting presentations" JO, Green Award Foundation

"Good themes, speakers and organisation" JH, Nordic Shipping

"I look forward to hearing more about a repeat performance or similar events organised by yourselves. Events of this type remain woefully scarce" TG, Core Rating

"Thank you once again for organising such a good event this week. From our perspective it was a good investment" PW, Martek-Marin

"Many thanks for all your work which made last week's conference so enjoyable as well as so useful" PV, Benjn R Vickers & Sons



**Save Time and Money:
Attend Both Events and Save €200**

Following the enormous success of the inaugural marine fuel emissions-focused forum in San Francisco in October 2005, Bunkerworld is proud to host the 2nd Marine Fuel Sustainability Forum in the beautiful Baltic Sea port city of Copenhagen.

The event offers a unique interface for the variety of stakeholders from various backgrounds affected by regulatory changes to marine fuel specifications to discuss and debate an effective incorporation of cleaner fuels.

Set upon the shores of the Baltic Sea, less than five months after the world's first Sulphur Emission Control Area (SECA) is introduced, this forum is ideally placed to provide a platform for progress in assuring environmental and economic sustainability.

www.bunkerworld.com/copenhagen2006

Green Shipping World

2nd October 2006

Marriott Hotel, Copenhagen, Denmark

To Register:

E-mail: info@greenpowerconferences.com

Online: www.greenpowerconferences.com

Fax: +44 207 900 1853

Please register me for:

Options	Dates	Fee	Special Offers
<input type="checkbox"/> Green Shipping World & Ship Design Workshop	2-3 October	€ 849	<input type="checkbox"/> FREE Ship Owner Pass
<input type="checkbox"/> Green Shipping World only	2 October	€ 599	<input type="checkbox"/> 3 for the price of 2: register 3 delegates and only pay for two
<input type="checkbox"/> Ship Design Workshop only	3 October	€ 299	
<input type="checkbox"/> Green Shipping World & Bunker World Marine Fuel Sustainability	2-4 October	€ 1399	

NB: The GSW registration fee includes lunch, refreshment breaks and documentation; it does not include hotel accommodation. Lunch is not included for the Ship Design workshop. A limited number of free passes are available for ship owners on a first-come, first-served basis at the discretion of Green Power Conferences. Free Ship Owner passes are available for the Green Shipping World conference only.

Delegate details:

	Full name	Job title	Telephone	Email
1				
2				
3				

Company details:

Company name:

Address:

Postcode:

Country:

Fax:

Payment Details

Please charge my credit card

Visa Mastercard

□□□□ □□□□ □□□□ □□□□

Expiry date: ___ / ___ Cardholder's name: _____

3 Digit Security Code: _____ Signature: _____

Credit Card Billing address: _____

International Bank Transfer

Transfers should be made to:

Bank: LGT Bank

Bank address: Herrengasse 12, FL-9490 Vaduz, Liechtenstein

Account name: GP Conferences Ltd

Account number: 0192568AD

Swift Code: BL FL LI 2X

IBAN: LI 690881 00000 192568AD

Terms & Conditions

Confirmation: You will receive confirmation of your booking by email. If you do not receive anything within 1 week, please contact info@greenpowerconferences.com to ensure we have received your booking.

Cancellations: If you cancel before 15th September 2006, you will receive a full refund less €150. We regret that no cancellations can be accepted after 15th September 2006. Substitutions are welcome at any time.

Data Protection: The personal information provided you on this brochure will be held on a database. Sometimes your details may be made available to partner companies for marketing purposes. If you do not wish your details to be used for this purpose, please tick the box

Content: It may be necessary for reasons beyond the control of the organisers to alter the content and timing of the agenda or the identity of the speakers.

Venue & accommodation

Venue:

Marriott Hotel,

5 Kalvebod Brygge, Copenhagen, DK-1560 Denmark

Phone: 45 88 33 99 00 Fax: 45 88 33 99 99

Accommodation: Registered delegates will be sent a hotel booking form for the Marriott with their joining instructions.

Fax your completed registration to: +44 207 900 1853

E-mail: info@greenpowerconferences.com

Or register online at: www.greenpowerconferences.com