

2nd Annual Conference

Reducing Air Pollution and CO₂ Emissions from Shipping and in Ports



Two of the four big issues facing shipping, as identified by the International Chamber of Shipping in their Annual Review 2008, are reducing shipping's CO₂ emissions and the International Maritime Organization's (IMO) Review of MARPOL Annex VI.

This conference examines the proposals for reducing CO₂ emissions, looking at reducing air pollution at sea and in ports and the impact of the Review of MARPOL Annex VI; the afternoon considers the latest techniques and technologies for reducing emissions and concludes with a debate on future policy.

Speakers:

Patrick Verhoeven Secretary General **European Sea Ports Organisation (ESPO)**

David Kennedy Chief Executive **Committee on Climate Change**

Alan Cartwright Marine Engineer **Port of London Authority**

Robert Ashdown Head of Technical **Chamber of Shipping**

Tore Longva Senior Researcher **DNV Research & Innovation**

Alfons Guinier Secretary General **European Community Shipowners' Association (ECSA)**

Lars Carlsson Chairman **SEAaT**

Dimitris Pachakis Port Engineering Specialist **Moffatt & Nichol**

Chairman: Dr Stephen Ladyman MP Labour MP for South Thanet

21st October 2008

endorsers:



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The growth in world trade and shipping numbers has increased the pressure for the industry to take action. Reducing CO₂ emissions from shipping is vital for the environment, for shipping's image, and – as the price of oil continues to rise - to reduce costs. The debate on reducing CO₂ emissions is being led by the MMO who aim to develop proposals for maritime transport by early 2009. Many options are being examined including reduced vessel speeds, the use of alternative fuels and energy sources and new designs.

The IMO's Review of MARPOL Annex VI has reached its final stage with agreement reached on a package of measures, which will reduce air pollution by requiring very low sulphur emissions in designated emission control areas.

Key Issues

- Proposals for how the industry can reduce CO₂ emissions
- Shipping, ports and climate change – implementing the C40 declaration
- Conclusions from the review of MARPOL Annex VI and moves to reduce shipping emissions
- The impact emission control measures could have on the shipping industry
- The hydrogen fuel cell ship project
- Is the industry doing enough to tackle air pollution and CO₂ emissions?

Who should attend?

- Ship operators and ship owners – both freight and passenger
- Ship builders and manufacturers worldwide
- Fuel producers
- Shipping bodies
- Port operators
- Harbour authorities
- Maritime organisations
- Local Authorities in coastal areas
- DEFRA and Department for Transport (DfT)
- Maritime trade unions
- Maritime organisations
- Logistics industry/ hauliers
- Fishing industry
- Transport and environmental consultants
- Maritime and environmental lawyers
- Environment groups

Conference Calendar

Expanding the Use of Transport Smartcards:

Latest Developments and Future Potential

10th September 2008, Central London

2nd Annual Forum

Logistics Countdown to 2012 and Beyond:

Progress and Plans

19th September 2008, Norton Rose, London Bridge

The Future of Community Rail

14th October 2008, Central London

Transforming Local Transport:

Making the Most of the Powers in the Local Transport Act

15th October 2008, Central London

Delivering the Vision:

Cycling and the Sustainable Door to Door Journey

22nd October 2008, Central London

CILT's Second Annual Rail Conference

Bigger Railways, Better Choices

19th-20th November 2008, Central London

3rd Annual Sustainable Development of the Liverpool City Region Conference

3rd December 2008, Liverpool

The Role of Transport in Tackling Social Exclusion and Ensuring Equality of Opportunity for All

10th December 2008, Birmingham

programme

08:45

Registration and coffee

09:30

Chairman's opening remarks

Dr Stephen Ladyman MP Labour MP for South Thanet

Section 1 – Reducing CO₂ emissions – where are we now?

09:40

Shipping emissions - the challenges ahead

David Kennedy Chief Executive **Committee on Climate Change**

10:00

The European Commission's proposals for reducing shipping emissions

Speaker from the European Commission (Invited)

10:20

Proposals for how the industry can reduce CO₂ emissions

- Possible methods for reducing CO₂ emissions from shipping
- The impact of inclusion in the EU Emissions Trading Scheme (ETS)
- CO₂ indexing for vessels or per cargo unit taxing
- How could such schemes be administered?

Robert Ashdown Head of Technical **Chamber of Shipping**

10:40

Shipping, ports and climate change – implementing the C40 declaration

Patrick Verhoeven Secretary General **ESPO**

11:00

Questions and discussion

11:20

Morning coffee

Section 2 – Reducing air pollution at sea and in ports

11:40

Conclusions from the Review of MARPOL Annex VI and moves to reduce shipping emissions

Speaker from Marine Environment Protection Committee, IMO (Invited)

12:00

Achieving emissions reductions at ports through process change

Dimitris Pachakis Port Engineering Specialist **Moffatt & Nichol**

12:20

Reducing port emissions: alternative solutions to cold ironing

Alan Cartwright Marine Engineer **Port of London Authority**

12:40

The impact emission control measures could have on the shipping industry

- Possible effects from the inclusion of shipping in the EU (ETS)
- The impact of revisions to MARPOL Annex VI on the shipping industry
- Impacts on the competitiveness of short sea shipping versus road haulage

Alfons Guinier Secretary General **European Community Shipowners' Association (ECSA)**

13:00

Questions and discussion

13:20

Lunch

Section 3 – Technology and training for reducing carbon emissions

14:20

The economy of fuel cells used in merchant ships

Tore Longva Senior Researcher **DNV Research & Innovation**

14:40

Reducing CO₂ emissions: The Air Cavity System

Jorn Winkler Founder **DK Group** (Invited)

15:00

Speed reduction as a means of reducing CO₂ emissions

Lars Carlsson Chairman **SEAaT**

15:20

Questions and discussion

15:40

Afternoon tea

Section 4 – Moving forwards

16:00

Panel discussion

Is the industry doing enough to tackle air pollution and CO₂ emissions?

Speaker from Intertanko (Invited)

John Aitken Secretary General **SEAaT**

Eelco Leemans Coordinator, International Maritime Campaign **Friends of the Earth**

Justin Stares **Lloyd's List** (Invited)

Robert Ashdown Head of Technical **Chamber of Shipping**

16:40

Chair's closing remarks

16:45

Close of conference

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Delegate Fees

- Standard conference fee
£449 + VAT = £527.58
- Fee for local authorities and Government bodies
£349 + VAT = £410.08
- Voluntary organisations and registered charities
£149 + VAT = £175.08

Delegate fees include:

- Lunch and refreshments
- Conference summary (emailed on request)

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Online: www.thewaterfront.co.uk
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