

Programme

Day 1

- 10.00 a.m. **Welcome address**
Pekka Paasivaara, Peter Dalhoff (Germanischer Lloyd)
- 10.30 a.m. **Keynote: Offshore wind energy – a broad-brush perspective**
Dr. Andrew Garrad (Garrad Hassan and Partners)

Block 1: The manufacturer's life – from prototypes to mass fabrication

- Chaired by: Peter Dalhoff (Germanischer Lloyd)
- 11.15 a.m. **The wind turbine**
Matthias Schubert (REpower Systems)
- 11.35 a.m. **The mono pile**
Paul Govaert (Sif Group)
- 11.55 a.m. **Mass manufacturing creating a sustainable industry**
John Robertson (BIFAB - Burntisland Fabrications)
- 12.15 p.m. **Discussion**
- 12.30 p.m. **Lunch break**

Block 2: The operator's life

- Panel discussion chaired by: Dr. Klaus Rave (Investitionsbank Schleswig-Holstein)
- 2.00 p.m. **RWE Innogy**
Prof. Dr. Fritz Vahrenholt, Kevin McCullough
- 2.10 p.m. **E.ON Climate & Renewables**
Michael Lewis
- 2.20 p.m. **Vattenfall Europe New Energy**
Dr. Frank May
- 2.30 p.m. **Airtricity Germany**
Dr. Carsten Corino
- 2.40 p.m. **DONG Energy**
Per Holmgaard, enquired
- 2.50 p.m. **Panel discussion**
- 3.30 p.m. **Coffee break**

Block 3: Secrets of the sea

- Chaired by: Christian Dahlke (Bundesamt für Seeschifffahrt und Hydrographie)
- 4.00 p.m. **The wind and the energy**
Detlef Kindler, Frederike Reher (WINDTEST Kaiser-Wilhelm-Koog)
- 4.20 p.m. **The waves**
Dr. Ole Larsen, Dr. Elimar Precht (DHI Wasser & Umwelt)
- 4.40 p.m. **Secrets of the design basis**
Florian Biehl (Germanischer Lloyd)
- 5.00 p.m. **Closing remarks**
Peter Dalhoff (Germanischer Lloyd)
- 7.00 p.m. **Conference dinner** in the former Coffee Exchange in the 'Speicherstadt', the historical centre of Hamburg's harbour, followed by an exclusive visit of the largest model railway exhibition in the world.

Day 2

- 9.00 a.m. **Getting started**
Dr. Klaus Rave (Investitionsbank Schleswig-Holstein)

Block 1: Money makes the turbine go round

- Chaired by: Dr. Klaus Rave (Investitionsbank Schleswig-Holstein)
- 9.15 a.m. **The engineer**
Richard Norman (ode – Operations Division, Marine Base)
- 9.35 a.m. **The equity investor**
Rüdiger Hensel (NIBC Infrastructure Fund)
- 9.55 a.m. **The developer, investor and operator**
Achim Berge (WPD Offshore)
- 10.15 a.m. **Attracting bank finance for offshore wind farms – a legal perspective**
Marcus Bechtel, Mark Lawson, Stefan Kilgus (Watson, Farley & Williams)
- 10.35 a.m. **Discussion**
- 11.00 a.m. **Coffee break**

Block 2: Over the seas – offshore abroad

- Chaired by: Christian Nath (Germanischer Lloyd)
- 11.30 a.m. **The North American market**
Richard Legault (Helimax Energy)
- 11.50 a.m. **Big site and big challenge: The NaiKun Project**
Peter C. Hunter (NaiKun Wind Development)
- 12.10 p.m. **Creating the Great Lakes offshore wind industry: Demonstration project and technology centre in Lake Erie**
Richard T. Stuebi (BP Fellow for Energy and Environmental Advancement/The Cleveland Foundation)
- 12.30 p.m. **Discussion**
- 12.45 p.m. **Closing remarks**
Peter Dalhoff (Germanischer Lloyd)
- 1.00 p.m. **Reception**

For more information
please contact:

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Perfect know-HOW!

Hamburg Offshore Wind conference
23–24 September 2008

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Dear Ladies and Gentlemen,

New plans for offshore wind farms mushroom all around the world, but the industry is facing challenges: raw material costs are rising, scientists are still searching for the most efficient and economical way to store the energy generated.

And there is still the call for expansion of the power grid, so that the power input by sustainable energies like offshore wind is viable.

Today, many offshore wind parks have already been erected in international waters. Germany is catching up. To date, the German government has authorised numerous locations in the North and Baltic seas, where several wind power plants can be installed over the coming years. The dimensions of these wind turbines are gigantic: up to 180 metres high, 500 tonnes in weight and grounded in water depths of 30 metres and more. No doubt about it: the technical requirements are higher than those onshore.

In the years ahead, the reliability, safety and protection of offshore wind turbines against operational interruptions will be the focus of interest.

The discussion about global warming and dwindling fossil fuel reserves has already begun. Politicians, economists and wind industry specialists have to discuss how to further improve the efficiency of wind energy turbines and how to expand their potential worldwide.

The variety of topics at this year's Hamburg Offshore Wind conference provides an excellent platform for international experts to discuss current challenges of the offshore wind industry. Developers, manufacturers, investors and operators of wind turbines will debate about prototypes and mass fabrication, design innovations, finance and the present sites on the European and North American markets.

I wish you fresh insights and inspiring discussions!



Pekka Paasivaara

Member of the Executive Board, Germanischer Lloyd

Information

Conference Office

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Venue

Conference on 23–24 September 2008

Hotel Hafen Hamburg – 'Elbkuppel' conference room

Seewartenstrasse 9, 20459 Hamburg, Germany

Phone: +49 40 31113-0

Fax: +49 40 31113-70 601

E-mail: info@hotel-hamburg.de

Internet: www.hotel-hamburg.de

Conference Dinner on 23 September 2008

'Ehemalige Hamburger Kaffeebörse' (Former Coffee Exchange)

'Auktionssaal', Pickhuben 3, 20457 Hamburg

The 'Speicherstadt' is the historical centre of Hamburg's harbour. Here you still find the largest warehouse complex in the world. The historical setting serves various purposes: large trading companies for all sorts of goods operate right next to modern high-tech offices – all this with the uniqueness of the little waterways ('Fleet') and the River Elbe.

Hamburg's old Coffee Exchange ('Kaffeebörse') used to be the hub of the world coffee trade. Today, it serves as a magnificent location for corporate and private events.

Thanks to the architect Kallmorgen, who rebuilt the building, the rooms are simply breathtaking due to the authenticity of the detail.

Organisation

Registration

Registration can be carried out using the form on the back of this flyer – by mail, by fax or by e-mail until 31 August 2008. The number of participants is limited, we therefore recommend early registration.

Price per person

Before 15.07.2008	€ 690 + VAT
After 15.07.2008	€ 790 + VAT

The price covers participation in the full conference programme, evening event, conference proceedings and catering.

Confirmation

After receipt of the registration form, we will send you confirmation, together with an invoice and directions. Invoices have to be paid before the start of the conference.

Registration

Participants can register on 23 and 24 September 2008 from 8.30 to 10.00 a.m. at the entrance to the 'Elbkuppel' room. You will receive the proceedings of the conference there.

Charges for cancellation after registration

If the in-box date/postmark date of a written cancellation is before 31 August 2008, € 150 are payable; after this date we have to request the full amount of the fees. In this case the proceedings will be sent to you after the conference. It is also possible to register an alternative participant.

Registration

To be addressed to: Germanischer Lloyd Industrial Services GmbH
Business Segment Wind Energy
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By fax to: +49 40 36149-1720

By e-mail to: how@gl-group.com

Online: www.gl-group.com/how

I herewith register obligatory for the participation in the conference 'Hamburg Offshore Wind 2008'. I understand that the fee includes the full conference programme, including evening event and catering, and the proceedings of the conference.

Participant

Company

Name / First name / Title

Street / Number / PO Box

Postcode / Country

Phone / Fax

E-mail

VAT No. (only necessary if foreign EU-participant)

I will attend:

the conference on 23 and 24 September 2008

the evening event on 23 September 2008

The conference fee will be paid on receipt of the invoice. The payment will state invoice number, company name and name of the participant.

Date / Signature