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Baltic Sea



Conference Programme

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MARIUSZ WITONSKI**Polish Offshore Wind Energy Society PTMEW****Dear Guests of the WINDFORCE Baltic Sea 2014 Conference,**

Offshore wind energy is definitely one of these new technologies, which will significantly contribute to secure our needs for the clean and efficient sources of the renewable energy in the nearest future.

Learning carefully the lessons from the North Sea, we expect that the Baltic Sea Region, thanks to the favorable natural conditions, may be the suitable area to develop more cost effective solutions, which allow the sector to decrease the levelised costs of energy and make the offshore wind energy an attractive solution for all the Baltic countries.

It should be emphasized, that the offshore wind energy sector contributes significantly also to revitalization of the maritime economy, especially the shipbuilding and related industries, becoming an important driver of local and regional development. This role needs to be exposed and strengthened as the valuable side-effect of the this new energy technology.

This year we are pleased to host the WINDFORCE Baltic Sea Conference in Poland, where in a few years we hope to face construction of the first offshore wind farms, but where currently we successfully develop the offshore wind industry, following experiences of Germany, Denmark and Sweden.

I am convinced, that WINDFORCE Baltic Sea 2014 Conference will be a great opportunity to discuss the current and future trends in the offshore wind energy and to facilitate development of a deeper cross-border cooperation in the Baltic Sea Region. I wish all the conference visitors to have fruitful discussions and valuable business meetings.

Welcome to Gdansk!
Welcome to the WINDFORCE
Baltic Sea Conference!

Mariusz Witonski
CEO of Polish Offshore Wind Energy Society

DR KLAUS MEIER / RONNY MEYER / JENS ECKHOFF

WAB e.V / Offshore Wind Messe und Veranstaltungs GmbH



Welcome to WINDFORCE Baltic Sea! Welcome to Gdansk!

Dear Participants,

We are pleased to be able to welcome you to the second WINDFORCE Baltic Sea conference which is devoted to current developments in offshore wind energy in the Baltic Sea. Last year's inaugural conference held in Stockholm was extremely well received and it has therefore been with much pleasure and commitment that we have been able to prepare for this year's conference in Gdansk. The compact programme over the next two days offers you a comprehensive insight

into the various aspects of alternative power generation at sea.

Offshore wind energy in the Baltic Sea is a topic of much discussion at the present time because of its growing importance for different countries. Some 16 wind farms are currently producing power from the Baltic Sea. In December the last monopiles were put in place for the Baltic 2 wind farm, enabling the future supply of 1.2 billion kWh of electricity from its 80 turbines. At the start of the year an announcement was made about an international power grid that is expected to go through the Baltic Sea in the future. We are also following the political debate in Poland about the implementation of the Renewable Energies Act (EEG) with great interest. It seems increasingly important to create more and

more places and opportunities for a personal exchange to take place. This is precisely what we are offering with our WINDFORCE conferences and trade fairs.

We would very much like to invite you to join us again at WINDFORCE 2014 in Bremen in June where there will be over 300 international exhibitors and 800 conference participants. 2014 marks the tenth anniversary of the WAB offshore conference. International firms engaged in the entire value-creation chain of the offshore sector will be presenting themselves. WINDFORCE 2014 is taking place in Bremen, Germany from 17 to 19 June.

We would like to thank all speakers, sponsors and cooperation partners for their vigorous support. We are pleased to be able to welcome for the first time representatives of offshore associations from Denmark and Lithuania to WINDFORCE Baltic Sea and would like to take this opportunity to warmly invite you join us in 2015 when it will be a case of: Tervetuola Helsinkiin – Welcome to Helsinki. WINDFORCE Baltic Sea 2015 will be taking place in the Finnish capital from 4 to 5 February.

Dr Klaus Meier
Chairman of the Executive Board of WAB e.V.

Ronny Meyer
CEO of WAB e.V.

Jens Eckhoff
CEO of Offshore Wind Messe
und Veranstaltungs GmbH

Day 1

5 FEBRUARY 2014

10 – 10.30 a.m.

OPENING SPEECHES

- > **Mariusz Witonski**, President of Polish Offshore Wind Energy Society
- > **Wiesław Byczkowski**, Deputy Marshal of Pomeranian Region
- > **Martin Günthner**, Minister of Economic Affairs, Labour and Ports, Bremen/Germany
- > **Jens Eckhoff**, President of Foundation for Offshore Windenergy, Germany

10.30 a.m. –
12.30 p.m.

STATUS OF OFFSHORE WIND ENERGY IN THE POLITICAL DISCUSSION

- > **Tuuliki Kasonen**, Estonian Wind Power Association, Estonia
 - > **Anni Mikkonen**, Finnish Wind Power Association, Finland
 - > **Göran Dalen**, wpd, Sweden
 - > **Mariusz Witonski**, Polish Offshore Wind Energy Society, Poland
 - > **Tadas Navickas**, Nelja Energia, Lithuania
 - > **Morten Basse**, Offshoreenergy.dk, Denmark
 - > **Ronny Meyer**, Windenergie Agentur WAB, Germany
- Moderator: **Urs Wahl**, Offshore Wind Industry Alliance OWIA

12.30 – 2 p.m.

LUNCH BREAK

2.00 – 2.30 p.m.

PRESENTATION OF THE STUDY 'OFFSHORE WIND ENERGY IN THE SOUTH BALTIC REGION - CHALLENGES & OPPORTUNITIES

- > **Dr Andrzej Tonderski**, Gdansk University - POMCERT, Poland

2.30 – 4.00 p.m.

LESSONS LEARNED – OFFSHORE WIND FARMS IN THE BALTIC SEA

- > **Claus Bieger**, HOCHTIEF Solutions, Germany
- > **Edwin van de Brug**, Ballast Nedam, The Netherlands
- > **Jesper Kurt Nielsen**, Siemens Wind Power, Denmark

4.00 – 4.30 p.m.

COFFEE BREAK

4.30 – 5.30 p.m.

BALTIC SEA, INLAND WATERS AND LARGE LAKES – MORE MODERATE SITE CONDITIONS WITH INDEPENDENT OPPORTUNITIES FOR THE FUTURE?

- > **Peter Frohboese**, GL Garrad Hassan, Germany
- > **Dr Katrin Lummer**, Fraunhofer Institute for Manufacturing Technology and Advanced Materials IFAM, Germany
- > **Gunnar Pihl**, Pihl Expert, Germany

5.30 – 6.30 p.m.

GRID CONNECTION IN THE BALTIC SEA

- > **Dr Dirk Strauch**, General Cable - NSW, Germany
- > **Wino Snip**, Primo Marine, The Netherlands

7 p.m.

EVENING EVENT/ENTERTAINMENT –

Polish dinner at the Gdansk Hotel

Day 2

6 FEBRUARY 2014

9 – 10.30 a.m.

POLAND IN FOCUS

- > **Mariusz Wojcik**, Foundation for Sustainable Energy FNEZ, Poland
- > **Michal Michalski**, Polenergia, Poland
- > **Andreas Blutke**, Generpol, Poland
- > **Joanna Rzepecka**, Baltex, Poland

Moderator: **Mariusz Witonski**, Polish Offshore Wind Energy Society PTMEW

10.30 – 11 a.m.

COFFEE BREAK

11 a.m. – 1 p.m.

OFFSHORE LOGISTICS – PORTS AND SUPPLY CHAIN ON THE BALTIC COAST

- > **Carsten Rogge**, BLG Logistics Solution, Germany
- > **Patrick Schwabe**, Port of Sassnitz, Germany
- > **Martin Huss**, A2Sea, Denmark
- > **Tomasz Plotka**, StoGda Ship Design & Engineering, Poland
- > **Jacek Mach**, CRIST, Poland

1 – 2 p.m.

LUNCH BREAK

2 – 3.30 p.m.

FINANCING OFFSHORE PROJECTS IN THE BALTIC SEA

- > **Barbara Zuiderwijk**, Green Giraffe Energy Bankers, The Netherlands
 - > **Marcin Zimowski**, **Lutz Weidtke**, Marsh, Germany
 - > **Dr Jens-Peter Grunau**, Strabag Offshore Wind, Germany
- Moderator: **Ronny Meyer**, Wind Energy Agency WAB



MORTEN BASSE JENSEN

CEO of Offshoreenergy.dk

International sales and business development executive with extensive industrial experience. Proven track record in developing major market

segments and customers relations creating significant results. Successful development of local, national and international networks and clusters within the offshore wind industry. Awarded "The Local Entrepreneur Prize 2012" (Landdistrikprisen 2012) by the Danish Ministry of Housing, Urban and Rural Affairs and the "Network Stars Award 2011"

by Enterprise Europe Network. Currently acting CEO of Offshoreenergy.dk which is the national innovation and competence center for the Danish offshore wind- and oil/gas industry. The organisation has the following areas of responsibility related to the offshore energy industry (Offshore Wind, Wave and Oil/Gas industries)

- Cluster development and management
- Technology and process innovation
- Internationalisation
- Competence development
- Project management and funding



CLAUS BIEGER

HOCHTIEF Solutions AG, Civil Engineering Marine and Offshore, Project Manager

Claus Bieger is working for more than 20 years for HOCHTIEF Solutions AG and for many years in a leading

position as Project Manager on various major power plant projects.

Since January 2012 he is Project Manager for a Joint Venture responsible for Design, Procurement, Fabrication and Installation of 39 Monopile- and 41 Jacket Foundation for the Offshore Windfarm Baltic 2.



ANDREAS BLUTKE

CEO of Generpol Sp. z o.o.

Mr. Blutke is a professional engineer from RWTH Aachen, Germany. After his studies, he worked in technology development and commercialization and project and investment management more than 10 years in the US.

Since 2005 he grew and managed various investment companies with Europe-wide operations in the field of onshore and offshore wind energy. Mr. Blutke holds an international network with investment and technology companies in Europe and the US.

Since 2008, generpol Sp. z o.o. has been conducting project development activities in Poland. Based on maritime surveys conducted by the Maritime Institute of Gdansk, the generpol group has applied for several offshore wind farm locations since end of 2010. In begin of 2012, 5 location permits were granted, but generpol's investors declined to pay location fees without any warranties of the Polish government to provide grid connections and a remuneration system appropriate to offshore wind energy development.



WIESŁAW BYCZKOWSKI

Deputy Marshal of Pomeranian Region

Wiesław Byczkowski – since 2006 Deputy Marshal (member of the Board) of Pomorskie Voivodeship (Pomeranian Region) in Poland.

He is responsible mainly for European Social Fund, regional programs, rural development and labour market. He has been involved in self-governmental issues since 1994. He was a Deputy Mayor of the City of Gdynia and a

Deputy Chair of the Gdynia City Council. He headed the Board of the Association of Maritime Communes and Municipalities of Poland. He was a member and the Chair of Audit Committee of the former Gdansk Voivodeship. He was involved in the development of Gdansk Voivodeship and the city of Gdynia strategies. Having graduated from Law Faculty at the Gdansk University he worked as a legal advisor.



GÖRAN DALEN

wpd Offshore Stockholm AB, Managing Director

- Master of Science in Mechanical Engineering (Naval Architect and Marine Engineering) at Chalmers University of Technology (1978)
- 20 p Oceanography at University of Gothenburg

Various courses

- Fiber composites
- Offshore safety
- Project management

Offshore experience at wpd

- Work Package Manager for Foundations in Baltic I project
- Preparation of design and procurement of Foundations for Baltic II project
- Managing Director for wpd Scandinavia AB



JENS ECKHOFF

CEO of Offshore Wind Messe und Veranstaltungs GmbH / President of the German Offshore Foundation

Jens Eckhoff is the President of the German Offshore Foundation, who is the right holder of Alpha Ventus, Germany's offshore test field, since 2005. He was a long time politician in the state of Bremen, serving for 13 years in the Parliament and for 3 years in the Government.

He is supporting the wind energy for 15 years and is now working on the German Offshore Strategy for almost 11 years. He is now running his own companies and is an adviser for numerous German Companies.



PETER FROHBOESE

DNV GL Energy, Head of Department Offshore

Peter Frohboese studied Structural & Environmental Engineering and Geotechnical Engineering in Hamburg and in Manchester. With Ger-

manischer Lloyd he started his career in 2004 as a professional engineer working as expert in the wind energy certification. He soon was appointed to lead the Site Assessment team

being responsible for the onshore certification services. In January 2009 he joined GL's Consulting unit leading the project engineering team. In this role he further developed the consulting and engineering services. In DNV GL Energy Peter Frohboese is Head of the Offshore Wind Energy Department in Germany.



DR JENS-PETER GRUNAU

STRABAG Offshore Wind, Executive Manager Business Development

After receiving his PhD in strategic Planning, Jens worked on large turn key projects in Germany and abroad.

He also supported the STRABAG group in the fields of measuring building sustainability as well as CO₂ and Energy reduction on major construction and infrastructure projects.

He uses the combination of theoretical and practical knowhow and experience to engage with the market as STRABAG Offshore Wind Executive Manager for Business Development and Strategy.



MARTIN GÜNTNER

Ministry of Economic Affairs, Labour and Ports Minister of Economic Affairs, Labour and Ports

Graduation as PR-advisor (DPRG), Deutsche Public Relations Gesellschaft in 2005

Self-employed as a communication consultant

Political activities:

1997 to 1999: Member of the Bremerhaven City Council

1999 to 24/2/2010: Member of the Bremen State Parliament

2001 to 2010: Spokesman of the SPD state parliamentary group for port affairs

2002 to 2010: Chairman of the Port Committee

2002 to 2010: Member of the State Deputation for Economic Affairs and Ports

From 24/2/2010 onwards: Minister of Economic Affairs, Labour and Ports as well as Minister of Justice and Constitution

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MARTIN HUSS

A2SEA, Chief Sales Officer

Martin Huss is presently holding the position of Chief Sales Officer for A2SEA. Prior to this recent appointment, Martin was employed as the Managing

Director of A2SEA's German office. Martin has a Master's Degree in Civil

Engineering and has been working in the wind industry for over 18 years now, of which, the last 12 years he has focused primarily on large scale offshore wind projects, looking at construction and marine installation technologies



TUULIKI KASONEN

General Manager of Estonian Wind Power Association and Project Manager of Estonian Wind Power Cluster

With a Diploma in Business Administration and Master's degree in Communication Tuuliki has 14 years of experience in marketing and communication. In Estonian wind energy development

she has had the role of creating the strategy for the Estonian Wind Power Cluster and building a consortium of companies who are now implementing it.



DR KATRIN LUMMER

Fraunhofer-Institut für Fertigungstechnik und Angewandte Materialforschung IFAM | Adhesive Bonding Technology and Surfaces, Project Manager, Paint Technology

Dr Katrin Lummer studied chemistry at the University of Bremen and received her Diploma in 2010. After a PhD in Chemistry at Jacobs University Bremen, she joined the Paint Technology work group at Fraunhofer IFAM in 2013.

She is currently working as project manager and scientist on different projects regarding coating development for wind energy and maritime applications.



JACEK MACH

CRIST S.A., Project Manager

Background: Graduated from the Faculty of Civil Engineering and Environmental Engineering Technical University of Gdansk, specialization: marine constructions.

Work during construction of maritime structures, like: container port in Gdansk, lock for Bremerhaven harbor and the port of winouj cie. Currently responsible for Production of components for offshore wind energy.



RONNY MEYER

CEO of Windenergy Agency WAB

Ronny Meyer became managing director of the Wind Energy Agency in August 2010.

He combines a technical understanding of the industry with extensive knowledge of energy provision and the energy market.



MICHAŁ MICHALSKI

Polenergia Sp. z o.o., Director of Business Development

Doctor of Economics, Director of Business Development of the energy group Polenergia S.A., previously Investment

At present responsible inter alia for the development of Polenergia's offshore wind farm projects 'Bałtyk Srodkowy I' and 'Bałtyk Srodkowy III'.

Director in Kulczyk Holding, one of Polish leading privately held investment companies.



ANNI MIKKONEN

Managing Director of Finnish Wind Power Association

Managing director of Finnish Wind Power Association since 2009 – so been working for the association for 4 years

now. Before current job worked in the Renew-

able Energy master's program in the University of Jyväskylä. MSc on Environmental Sciences (1999) and MSc on Corporate environmental management with the minor on Renewable energy (2011).



TADAS NAVICKAS

Managing director of 4energia UAB



JESPER KURT NIELSEN

Siemens Wind Power A/S, Sales Offshore,
Technical Sales Manager

Technical / commercial education, followed by 8 years of work in the electronics industry. Mr. Nielsen is

located in Denmark where he the past 7 years has been working in the wind industry, first for a sub-supplier of control systems, condition monitoring,

pitch systems, SCADA, and communication for various wind turbine manufacturers in Europe and USA. The past 2 years Mr. Nielsen has been working at Siemens Wind Power, with sales of offshore service-contracts and today with sales of offshore wind turbines for the European market.



GUNNAR PIHL

Managing director of Pihl Expert

Gunnar Pihl started his maritime career as Naval Architect and Nautical Inspector for the shipping and insurance business. He was also involved in

the vessel's inspection and approval for the German shipping administration.

After 11 years of professional experience he started his own business with engineering,

inspection and consulting office. Today Gunnar's expert team gains 2000+ offshore inspection days of experience.

Gunnar Pihl is officially appointed and sworn as a Maritime Surveyor, holds a diploma in Naval Architecture and has in total 30 years of professional experience in the maritime business.



TOMASZ PLOTKA

StoGda Ship Design & Engineering,
Chief Designer/Project Manager

(1979 – 1997) Stocznia Gdanska Design Office (Gdansk Shipyard) - from designer to

Chief Designer, actually Chief Designer and Project Manager at StoGda (1997 till today)

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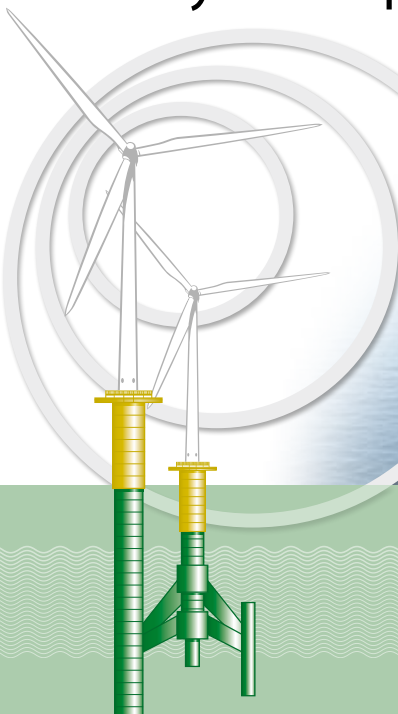


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GUSTAV CARSTEN ROGGE

BLG Logistics Solutions GmbH & Co. KG, Director WindEnergy Logistics

The graduate economist began his career in 1992 at the BLG. In the forthcoming years, he became managing

director of various JV's of BLG Logistics.

Since 2010, leading a core team as Director of Operations, he has contributed to forming and shaping BLG WindEnergy Logistics strategic and operational development significantly.



JOANNA RZEPECKA

BALTEX S.A., Business Development Manager

Experienced manager in the wind power generation projects since 2007 (France/ Poland). Master in Economics of the European Union (University of Gdansk) and Master in Management

of Innovation (University of Lyon, France). In Baltex S.A. responsible for Offshore Wind Farm's business proposals, project communication and negotiations for a long term partnership.



PATRICK SCHWABE

Port of Sassnitz, Head of Offshore Wind

Since 2007, when Patrick Schwabe joined the Port of Sassnitz team, he was working on the development of an Offshore Wind Base Port in

Sassnitz-Mukran. The offshore industry is going to use the ports infrastructure and facilities for the installation and operations of their windfarms for the next 2 decades.



WINO SNIP

Co-owner and lead engineer of Primo Marine

D.W. (Wino) Snip MSc studied civil engineering at Delft University of Technology in The Netherlands, with a specialisation in coastal engineering and soil mechanics. Working with HAM Dredging Wino gained hands on engineering

experience in the fields of dredging and offshore cable installation. After his wife gave birth to their 3 children he made a switch to APPM project and process management in The Netherlands. In 2007 Wino joined Primo Marine as co-owner of the company and lead engineer.



DR DIRK STRAUCH

General Cable - Norddeutsche Seekabelwerke (NSW), Project Manager

Dr Strauch holds a Ph.D. in Geosciences and worked in various Management positions in the submarine cable

industry in Germany and the US.

He joined NSW in March 2013 and is member of the Project Management team for the installation of the Baltic 2 Export cable system.



DR ANDRZEJ TONDERSKI

CEO and VicePresident of POMInnO sp. z o.o.

Andrzej Tonderski, Ph.D. Eng., Vice-President of POMInnO since 2013. Since 2003 till 2014 – Director of POMCERT, institutional

coordinator of international projects: BALTIC MANURE, BIOENERGY PROMOTION, RECO Baltic 21 Tech (BSR INTERREG Programme), OFF.E.R., WAB, RESCHAINS, SBP CAPACITY Building Project (leader), NORWET (EEA/ Norway Grants), Between 2011 and 2013 – creator and

administrator of Klimapomerania clusters to stimulate cooperation between SMEs, science and administration within HVAC sector. He was a scientific expert and a member of the Steering Committee representing Poland in the consortium running the ERA-NET programme BONUS PLUS. Author of more than hundred publications within the area of renewable energy and environmental protection. Author of some 10 publications with focus on offshore wind energy.



EDWIN VAN DE BRUG

Ballast Nedam Offshore B.V., Commercial Manager

Background in civil engineering as project manager for civil (marine) works. Since 12,5 years working in the offshore wind industry as

commercial manager. Next to this involved in a number of national and international R & D

project with a special focus on foundations (types and installation). Ballast Nedam Offshore has installed over 450 foundations for offshore wind turbines, including foundations for offshore wind farms in the Baltic Sea like Baltic 1, Baltic 2 and Anholt.



URS WAHL

Offshore Wind Industrie Alliance OWIA, Berlin
Office, Project Manager for Political Communication

Urs Wahl joined WAB in 2011 and moved the OWIA Berlin Office in October 2012. Previously he has worked for

Thales Instruments and a member of the European Parliament. Mr. Wahl has studied Political Science at the Universities of Bremen, Germany and Tampere, Finland.



LUTZ WEIDTKE

Marsh GmbH, Key Client Adviser,
Bachelor of Insurance (DVA)

Lutz Weidtke, born in 1972, Bachelor of Insurance (DVA). Mr. Weidtke has experience in several fields of insurance

at insurance companies as well as insurance brokers for more than 24 years. Since 2010 he is working as an expert within the Engineering & Renewable Energy Practice at Marsh in Hamburg and takes responsibility for the

Offshore area. He focusses on Risk and Claims Management in the construction and operating phase of industrial facilities especially within the Energy Sector. Furthermore he is in charge of the technical insurances of wind turbine manufacturers, contractors and operators of offshore wind farms including the valuation of risks of offshore wind projects.



MARIUSZ WITONSKI

President of Polish
Offshore Wind Energy Society

Expert in renewable energy project development, spatial planning and environmental impact assessment.

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SEAS WITH GENERAL
CABLE, WE ALWAYS HAD
THE RIGHT PARTNER FOR
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BERND DEHARDE
PLENIPOTENTIARY BARD ENGINEERING GMBH
HEAD OF PROJECT MANAGEMENT
BARD OFFSHORE 1



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MARIUSZ WÓJCIK

Foundation for Sustainable Energy, Director of the Foundation – Board Member

Foundation for Sustainable Energy is a non-governmental organization, an independent think-tank, which promotes and acts in order to implement sustainable growth in energy sector. Offshore wind energy

is one of the Foundation's core areas of expertise in which we act to provide expert knowledge and guarantee sustainability through creating high standards in conducting social dialogue and environmental impact assessments.



MARCIN ZIMOWSKI

Marsh Sp. z o.o., Senior Account Manager, Bachelor's degree in insurance

Marcin Zimowski, born in 1983, obtained Bachelor's degree in Insurance at University of Economics in Poznan. Mr. Zimowski joined insurance industry in 2005 and has built his experience while working for different insurance brokers. Since 2007 he is working for Marsh (Branch in Poznan) and in 2010 he became Wind Energy Practice Leader at Marsh Poland.

His main area of responsibility is Risk and Claims Management during the construction and operating phase of industrial facilities especially within the Onshore Wind Energy Sector. Furthermore he provides assistance for turbine manufacturers, contractors, developers, lenders and operators of onshore wind farms.



BARBARA ZUIDERWIJK

Director of Green Giraffe Energy Bankers

Barbara Zuiderwijk is one of the founders and a Director of Green Giraffe Energy Bankers (www.green-giraffe.eu). Green Giraffe Energy Bankers is a specialised financing boutique dedicated to renewable energy with offices in Utrecht (NL), Paris (FR), London (UK) and Hamburg (DE).

Previously she worked for a bank and for a major renewable energy developer. She has been involved in the contracting and financing of the 216 MW Northwind offshore windfarm (Belgium, 2012) and of the 165 MW Belwind I offshore windfarm (Belgium, 2009), and is currently working on the debt and equity financing of the 600 MW Gemini offshore windfarm in the Netherlands.

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WAB e.V.



The WAB Wind Energy agency is the leading

business network for the wind energy industry in Germany's northwest region and is the national point of contact for the offshore wind energy sector in Germany. The association counts more than 390 businesses and institutes among its members, who are active in all areas of the wind energy and maritime industries and in research.

WAB's goals are to bring its members together and strengthen the network, to expand wind energy at sea and on land, to develop the offshore wind industry in Germany, and to advance repowering in the northwest region.

WAB assists its members in finding the right business partners and offers a variety of services and activities with this in mind. Wab is present at international trade fairs, holds expert seminars, commissions studies, conducts market analyses, carries out extensive lobby and public relations work, initiates and sees through research and educational projects, and sponsors study trips.

WAB each year organises Germany's largest international offshore conference and trade fair, the WINDFORCE event.

It also regularly hosts network gettogethers and receptions for international delegations, and arranges tours of production facilities. WAB also takes up the political challenges facing the wind energy industry, supporting activities that bring forward public debate on relevant issues at local, state and national levels of policy-making.

WAB e.V.

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WWW.WAB.NET

Offshore Wind Industry Alliance (OWIA)



Offshore-Wind-Industrie-Allianz

In the last ten years, industrial and service businesses in the

offshore and onshore wind energy sector have grown rapidly at numerous locations in Germany's coastal states. In this context, regional professional networks for the sector have emerged whose impressive size today characterizes the rapid development of this entirely new branch of industry.

The Offshore Wind Industry Alliance (OWIA) is based on the cooperation of the four Northern German wind energy networks: Wind Energy Agency (WAB), Renewable Energy Cluster Hamburg (EEHH), Wind Energy Network (WEN) and windcomm Schleswig-Holstein (windcomm). Founded in 2012 by WAB, EEHH and WEN, OWIA was completed by windcomm joining in 2013. Today the OWIA brings together companies from all German coastal states and beyond, active both in the North Sea and the Baltic Sea market.

The OWIA speaks for more than 600 companies, institutes and organizations in these networks and is a trusted representative of the industry's interests encompassing the entire value creation chain from project developers and operators, wind turbine manufacturers and suppliers, to related service providers.

The forging of the OWIA alliance arose from the conviction that only the shared advocacy of long-term and stable technical, regulatory and business conditions can be successful in guaranteeing the accelerated expansion and safeguarding of Germany's offshore wind industry, especially along the coasts of the North and Baltic seas. Moreover, offshore wind energy is a European and global market in which the German off-

shore industry can maintain its technological edge only through a cooperative effort.

The alliance of the three major wind energy networks in northern Germany is an important step on the way to offshore wind energy becoming a mainstay of the national energy turnaround. The OWIA works toward ensuring that the German government's declared goal of installing 25 gigawatts of offshore capacity by 2030 is pursued in a sensibly regulated and reliable way. Offshore wind farms significantly contribute to the stabilization of electrical power systems thanks to their high degree of capacity utilization and very good weather conditions.

The mission of the joint office in Berlin is to better focus the political communication of the North German wind energy networks regarding offshore wind, and to serve as a direct contact close to the ongoing technical and political debate in Berlin on the expansion of offshore wind energy. An office shared with the Offshore Wind Energy Foundation and proximity to other industry associations provides OWIA with an optimal network, improving the flow of information to and from Berlin.

The networks act jointly in equal partnership in the Berlin office to represent the offshore sector at the federal level. They also wish to continue and deepen successful cooperative work with the Offshore Wind Energy Foundation in a close partnership. The OWIA is financed exclusively through funds from the networks involved.

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Polish Offshore Wind Energy Society

(PTMEW)



PTMEW is the non-governmental membership organization, gathering companies, institutions and individuals interested in supporting development of the offshore wind energy sector in Poland.

Main areas of PTMEW activities are: lobbying, promotion, education and business networking. The main aim of these actions is to facilitate creation and development of the offshore wind energy sector in Poland, including the offshore wind farm projects located in the Polish maritime areas, as well as the offshore wind industry and service sector.

PTMEW organizes conferences and seminars, including series of specialized workshops under the brand of the OFFSHORE Academy. PTMEW participates in international and national projects, developing cross-border cooperation and facilitating international business networking, especially in the Baltic Sea region.

PTMEW lobbies for the necessary legal changes and supports development of sectoral programs Poland, cooperating with public administration, parliamentary commissions, industry associations, research and scientific institutions.

PTMEW is a member of the main wind associations:
European Wind Energy Association (EWEA)
World Wind Energy Association (WWEA)

History

The society was registered in 1997 as a one of the first organizations promoting development of the wind energy in Poland, initially acting as Polish Wind Energy Society (PTEW).

In 2006 the society concentrated its activities exclusively on the promotion of the development of the offshore wind energy in Poland taking part in international projects as well as organizing first offshore wind conferences and seminars in 2008.

Since 2009 it has been supporting governmental administration and parliamentary commissions in order to prepare the necessary legal changes, which were introduced in 2011, opening the Polish offshore wind sector for investors.

In 2011 the organization adjusted its name to the actual profile of its activity - Polish Offshore Wind Energy Society (PTMEW). On the basis of several projects run in 2010-2013 PTMEW established strategic partnership with national and foreign partner organizations and started to develop the offshore wind industry network in Poland.

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Swedish Wind Energy Association

Swedish Wind Energy Association is the association for companies involved in wind power in Sweden. Our overall goal is that wind power has broad popular support. It is profitable, competitive and part of the base in a sustainable Swedish energy that leads to healthy environment for present and future generations. The Swedish electricity exports contributes wind power to reduce climate impact in Europe.



In Sweden wind power produced 9,9 TWh of electricity in 2012, with an installed capacity of nearly 4,500 MW. It accounts for about 7 percent of electricity consumption in Sweden. The association has about 150 member companies affiliated.

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The Finnish Wind Power Association

is playing a key role in Finland's growing acceptance of wind power



Finnish Wind Power Association (FWPA) was established in 1988. Today FWPA has got about 200

private persons and over 160 companies as members. The Finnish wind power sector has grown along with the association. The installed capacity is still modest, 488 MW in the end of 2013, but the governmental decisions in the past few years have led to large project pipeline and the boost of wind power is "knocking on the door" in Finland.

Finnish Wind Power Association (FWPA) is a non-governmental organisation with the goal to create conditions that would allow for wind energy development in Finland. The way this is accomplished is through the mediating of knowledge, active participation in discussions with the relevant authorities and organisations and the publication of quarterly magazine, Tuulienergia.

"As well as working to influence the decision making of the government and the authorities in such a way that would bring about the rules and regulations necessary to support the growth of the wind power sector in Finland, what FWPA is also striving to do is help shape public opinions and perceptions," explains Anni Mikkonen, executive director of FWPA.

"This energy sector is still of such a relatively small size in this country that the association finds that a great number of people still carry strong misconceptions about wind power, what it does and how much energy it can produce."

The association increases also the co-operation between the member companies and work as a bridge-builder between the foreign and Finnish companies. The member companies of the association are from various fields of business, e.g. project developers, turbine manufacturers, consultants and component or turbine manufacturers. All of these companies share the same point of view concerning the wind power: It is feasible, good energy production method that should be increased in Finland.

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Estonian Wind Power Association

(EWPA) unites companies, organizations and individuals who are interested in the potential of wind energy. There are 30 members in the association at the moment.

EWPA's mission is to create conditions for the development of wind energy and its technology that ensure the competitiveness of wind energy and its developers and, as renewable energy is adopted for use more widely, the preservation of a clean living environment.

EWPA is a member of European Wind Energy Association and at the end of the April 2012 Estonian, Finnish and Sweden Wind Power Associations and Lithuanian Renewable Resources Energy Association signed a letter of intent to foster international cooperation between wind power associations around the Baltic Sea. We see that cooperation between four countries is important to exchange knowledge and experience and to learn from each other mistakes.

EWPA is also the umbrella organization to the wind power cluster

that was born from Estonian companies who wish to be involved in the rapidly and innovatively evolving wind power sector. The wind power cluster has committed to the development of a development strategy for the Estonian wind power industry sector and enabling its partners to participate in international energy production and technology cooperation projects. The cluster is supported by the European Regional Development Fund and the Tallinn City Enterprise Board.

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Offshoreenergy.dk

Offshoreenergy.dk



Offshoreenergy.dk is Denmark's national knowledge and innovation network for the offshore sector.

Offshoreenergy.dk has more than 275 members, that represent all parts of the supply chain in the offshore sector from consultancy, design, production, installation, surveillance and maintenance through to relevant public authorities and educational establishments.

Offshoreenergy.dk is a member-based non-profit organisation with the overall purpose of gathering the offshore sector's players, strengthening the sector and collaborating about the challenges of the future through a joint effort.

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Through development projects and networking initiatives, Offshoreenergy.dk ensures that exchange of knowledge and experience between companies takes place that can reinforce and make visible their competences.

WWW.OFFSHOREENERGY.DK

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