

WINDFORCE

Baltic Sea



Conference Programme

► Helsinki / Finland
4 – 5 February 2015

wab windenergie
agentur

Sponsors:

A2 SEA
powered by knowhow

wpd
think energy

CM
OFFSHORE
GmbH

WINDFORCE 2015

Bremerhaven

11th WAB Offshore Conference 9–11 June



+ over 800 international conference participants + + Workboats in Water Show + + more than 60 international speakers + + WINDFORCE Dinner + + over 800 international conference participants

Get the offshore feeling!

wab windenergie
agentur

📺 **Conference**

9 – 11 June 2015 in Bremerhaven, Germany

With the kind support of:

ela[container]

www.windforce.info



Table of contents

Words of Welcome

Anni Mikkonen

4

Dr Klaus Meier / Ronny Meyer / Jens Eckhoff

5

Programme overview

6

Speakers in alphabetical order

8

Sponsors and media partners

20

Introduction of

Wind Energy Agency WAB

22

Offshore Wind Industry Alliance OWIA

23

Finnish Offshore Wind Energy Society

24

Swedish Wind Energy Association

26

Polish Wind Power Association

27

Offshoreenergy.dk

28

Estonian Wind Power Association

30

Notes

32

Service/Contact

34

WORDS OF WELCOME

PROGRAMME

SPEAKERS

SPONSORS

ASSOCIATIONS

CONTACT

ANNI MIKKONEN**Finnish Wind Power Association****Dear Guests of the WINDFORCE Baltic Sea 2015 Conference,**

We are very pleased that Finland has been chosen to be the venue of this extremely interesting event.

Two days of sharing information, lessons learned and lively discussions with colleagues lay ahead of us.

Finland has got Europe's highest growth rates in the installed onshore wind capacity. However the offshore installations have been very modest in the past. Offshore wind is one of the key renewable energy technologies for the future though – also in Finland: the first demonstration project was granted investment subsidy in the end of 2014. The investment subsidy is a proof that the offshore wind is seen as a valuable energy production method also in the political level in Finland.

Offshore wind is not only about renewable energy, it is also about industry politics and maritime economy as well as about local and regional development. It is a new field of business that the traditional offshore companies – from ship yards to marine engineering – can benefit from.

Hearing from the experiences of the North Sea is extremely valuable for all of us – let's make most of it by hearing out the experts and making new contacts in the WINDFORCE Baltic Sea 2015 in Helsinki!

Anni Mikkonen

Managing Director
Finnish Wind Power Association

DR KLAUS MEIER / RONNY MEYER / JENS ECKHOFF

WAB e.V / Offshore Wind Messe und Veranstaltungen GmbH



Dear Ladies and Gentlemen,

Welcome to Finland! We are pleased to welcome you to the third WINDFORCE Baltic Sea conference. After Stockholm and Gdansk, it is Helsinki's turn this year, and there could not be a better time to come here. Last November the Finnish government gave the go-ahead for constructing the Pori Tahkuluoto wind farm, which will test the special climatic conditions in the Baltic Sea's northeastern region. The test field will comprise ten or eleven turbines due to be installed by the end of 2016. The experience gained from the Pori Tahkuluoto project

will be shared with other wind farm operators so that the conditions for generating offshore wind energy in Finland can be much improved. In all countries, it is clear that offshore projects assume dimensions that make it vital to share our valuable experience with each other. This motivated us two years ago to send out invitations to the first offshore conference focusing on the Baltic Sea region. Even though mitigating climate change is a

national concern in political terms, it is clear to all of us that our climate knows no borders and that we are all in the same boat when it comes to making much more intense and efficient use of renewable energies to protect our environment. The fact that the Baltic Sea poses particular challenges due to its varying climatic conditions is a good reason to make this a focus of the WINDFORCE Baltic Sea conference.

We would like to invite you as well to join the eleventh WINDFORCE conference in Bremerhaven in June, where you can find out more about the experiences gained in the North Sea and other parts of the world. We wish you fruitful debate, new contacts, interesting talks and much success as you take the next steps towards offshore wind energy!

Dr Klaus Meier

Chairman of the Executive Board of WAB e.V.

Ronny Meyer

Managing Director of WAB e.V.

Jens Eckhoff

Managing Director of Offshore Wind Messe und Veranstaltungen GmbH

Day 1

4 FEBRUARY 2015

10 – 10.30 a.m.

OPENING SPEECHES

- > **Jari Suominen**, Chairman of the Board of the Finnish Wind Power Association
- > **Anja Liukko**, Counsellor at the Ministry of Employment and Economy
- > **Jens Eckhoff**, Offshore Wind Messe und Veranstaltungen GmbH

10.30 a.m. –
12.00 p.m.

LESSONS LEARNED – OFFSHORE WIND FARMS IN THE BALTIC SEA

- > **Holger Matthiesen**, E.ON, Germany/Denmark
- > **Thanos Kouremenos**, IBERDROLA, Germany
- > **Hans Ohlsson**, wpd offshore, Sweden

12 – 12.30 p.m.

FINANCING OFFSHORE PROJECTS IN THE BALTIC SEA

- > **Jerome Guillet**, Green Giraffe Bankers, France

12.30 – 2 p.m.

LUNCH BREAK

2 – 4 p.m.

STATUS OF OFFSHORE WIND ENERGY IN THE POLITICAL DISCUSSION

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

4 – 4.30 p.m.

COFFEE BREAK

4.30 – 5 p.m.

DNV GL'S COST REDUCTION MANIFESTO FOR THE BALTIC SEA

- > **Johan Sandberg**, DNV GL Energy, Norway

5 – 5.30 p.m.

JOINT STRATEGY FOR THE OFFSHORE WIND IN THE BALTIC SEA

- > **Matthias Rapp**, Forum for Offshore Wind, Sweden

5.30 – 6 p.m.

BALTIC OFFSHORE GRID INITIATIVE

- > **Mariusz Witonski**, Polish Offshore Wind Energy Society, Poland



6 – 6.30 p.m.

HOW TO REDUCE OFFSHORE ENERGY COSTS

> **Siim Paist**, Nelja Energia, Estonia

7.30 p.m.

EVENING EVENT/ENTERTAINMENT –

Finnish dinner at the Sipuli Restaurant

Day 2

5 FEBRUARY 2015

9 – 10.30 a.m.

FINLAND IN FOCUS

- > **Penina Blankett**, Ministry of Environment, **Markku Viitasalo**, Finnish Environment Institute – Velmu-program (national under water research program)
 - > **Karoliina Joensuu**, Pöyry – Developing offshore wind in Finland
 - > **Toni Sulameri**, **Suomen Hyötytuuli** – Developing the first offshore wind farm project in Finland
 - > **Ari Sundelin**, Prizztech – Offshore cluster
- Moderator: **Anni Mikkonen**, Finnish Wind Power Association, Finland

10.30 – 11 a.m.

COFFEE BREAK

11 a.m. – 12.30 p.m.

OFFSHORE LOGISTICS – PORTS AND SUPPLY CHAIN ON THE BALTIC COAST

- > **Henning von Wedel**, Wärtsilä, Germany/Finland – Loading in a Dock instead of Loading on a Deck: Novel Feeder Vessel Solution for Offshore Wind Installation
- > **Stefan Marschner**, CWIND, UK/Germany – Winter weather windows – making temporary power solutions stretch the extra mile
- > **Axel Juhnke**, WindManShip, Germany – No successful implementation without marine coordination

12.30 – 1 p.m.

LUNCH BREAK

1.30 – 2 p.m.

WIND ENERGY IN THE BALTIC SEA: THE NECESSITY AND ADDED VALUE OF TESTING AND MONITORING

- > **Stefan Milis**, Sirris/OWI-Lab, Belgium

2 – 3 p.m.

GRID CONNECTION IN THE BALTIC SEA

- > **Stefan Westhues**, 50Hertz, Germany
- > **Sebastian Stoppel**, **Alexander Huth**, Deutsche Windtechnik, Germany



LARS ANDERSSON

Swedish Energy Agency, Head Wind Power Unit

Lars Anderson is an environmental economist, worked for many years in the governmental offices with energy policy and has also experience from the private sector.



MORTEN BASSE

Offshoreenergy.dk, CEO

My academic background is B.Sc.Mech. Engineering and MBA in Technology Management. I have 30 years of industrial experience with aircraft, automotive, aluminum extrusions, electronics and consulting. For the past 5 years I have been working in the Offshore Wind (installation and O&M) industry with business development, project development, networking and internationalization.



CHARLOTTE BERGQVIST

Trinda Energy, Managing Director

Charlotte has long experience in the Swedish wind market and has previous experience from SKF, wpd and now Trinda Energy. Charlotte is chairman of the board of Power Circle and is one of the strong voices for offshore wind in Sweden.



PENINA BLANKETT

Ministry of Environment

Marine biologist working with marine nature conservation in the Ministry on issues both in national and international level. Responsible of VELMU programme in the Ministry.



JENS ECKHOFF

Offshore Wind Messe und Veranstaltungen GmbH, Managing Director

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 advisor for numerous Germany companies.



DR JÉRÔME GUILLET

Green Giraffe, Managing Director

Dr Guillet is a Managing Director of Green Giraffe, a financial advisory firm created in early 2010 and focused on renewable energy. He has close to 20 years' experience in the energy project finance industry, with a strong focus on offshore wind since 2004. Under his

leadership, Green Giraffe has grown from 10 people to 30 and helped close large non-re-course financings for the C-Power, Meerwind, Northwind, Walney and Gemini projects over the past 4 years. He graduated from the Ecole Polytechnique in Paris and holds a Ph.D. in economics from the EHESS in Paris.



ALEXANDER HUTH

Deutsche Windtechnik, Project Supervisor Service

After his apprenticeship as a seafarer on container vessels he went to the University of Applied Science in Bremerhaven. With the completing

of his technical studies he joined the Service Department of an Offshore Turbine manufacturer. There he was responsible for the exchange of main components in the field and for preparing service strategies.



KAROLIINA JOENSUU

Pöyry Finland, Head of Hydropower and Renewable Energy Section

Karoliina is the head of the Hydropower and Renewable Energy Section of engineering and consulting company

Pöyry Finland Oy. She has been involved in the development of various wind power projects in Finland, both on and offshore. She is also a member of the board of the Finnish Wind Power Association. Her key expertise areas include wind project development and envi-

ronmental and social impacts of wind power.

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.



AXEL JUHNKE

WindManShip, Business Development / Senior Consultant

Axel Juhnke has been working as an engineer for 8 years. He is a business development manager and senior consultant

at WindManShip in Hamburg. In his past assignment as head of project management for project certification for offshore wind farms he was in charge for several offshore projects

in the German North- and Baltic Sea. (He

studied automotive engineering at the University of Applied Science in Hamburg.

After his diploma thesis at BMW AG he spent 3 years at Aerotec Engineering GmbH as a

CAD designer and in project management in aviation.)



THANOS KOUREMENOS

IBERDROLA, Senior Manager

Mr. Kouremenos is a Dipl. Mechanical Engineer with 20 years experience in the industry. He has a past in thermal power plants and Diesel engines and joined the renewable sector and the Iberdrola group in

2005 as engineering and construction director for Greece and Cyprus. He has delivered

many wind parks onshore and joined the offshore team in 2012. Currently he is a resident

in Berlin and works as construction director of the Wikinger project.



ela[container]

Offshore Accommodation

for Rent and Sale



We produce stand-alone offshore containers for rigs, transformer platforms and all kind of seagoing vessels, pontoons and barges.

With standard 20 ft, HC-ISO containers with CSC approval, we are able to provide living quarters, offices, messrooms, galleys, laundry, recreation or locker rooms for your individual demand.

Save space and stack all these units up to 4 levels high combined to a full service accommodation facility. ELA stairway and gangway-modules are easy to integrate in this system and quick to assemble.

Your solution in a very short time and ready to use.

All containers are "Made in Germany" and have the DNV 2.7-1 / EN 12079 offshore certification, approved by DNV.GL.

ELA Container Offshore GmbH, Zeppelinstraße 19-21, 49733 Haren (Ems), Germany

Tel: +49 5932 506-506, Fax: +49 5932 506-10, E-Mail: info@ela-offshore.com, www.ela-offshore.com

Meet us at:



EWEA Offshore 2015
Copenhagen 10. – 12.3.2015
Hall C3, booth B34

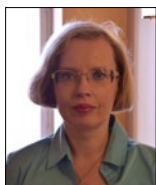


TUULIKI KASONEN

Estonian Wind Power Association, General Manager

With a Diploma in Business Administration and Master's degree in Communication Tuuliki has 15 years of experience in marketing and communication. For the past

5 years she has been involved in wind energy and lately more and more in the offshore part of it, including representing the interest of wind energy in the steering committee of Estonia's first maritime spatial planning.



ANJA LIUKKO

Ministry of Employment and the Economy, Energy Department, Counsellor



STEFAN MARSCHNER

CWind, Sales Manager

Stefan Marschner joined CWind in December 2014 as Sales Manager Germany to build up the newly found German Division of the

CWind. His main duties are the development of a sustainable and profitable sales pipeline within Germany. Prior to joining CWind, Stefan worked at AREVA Wind GmbH, where he was Service Sales and Proposal Manager for the last four years. At AREVA, he sup-

ported the establishment of the Service Sales team, developing the team and integrating it into the larger corporate organization. As such, Stefan was involved in preparing and pricing customized service sales offers as well as negotiating with clients.

Stefan Marschner holds a Diploma in Economic Engineering and Management from the University of Bremen and a Master of Commercial Law from the University of Saarland.



BALTIC DIVER GERMANY

INTERNATIONAL DIVING CONTRACTOR



- › Installation and Maintenance of Offshore Structures
- › Offshore EOD Service
- › Offshore Diving Support Vessels, Guard Vessels, CTVs
- › Heavy Lift Operations
- › Hydraulic Engineering
- › Maritime Services
- › 24 h Marine Salvage and Average Service

Visit at at:



**HUSUM
Wind**

The German
Wind Trade Fair
and Congress

15–18 Sept. 2015
Husum, Germany

Baltic Taucherei- und Bergungsbetrieb Rostock GmbH

www.baltic-taucher.de

Main office Rostock • Alter Hafen Süd 3 • 18069 Rostock
P. +49 (0)381 - 811 10 00 • F. +49 (0)381 - 811 10 01
info@baltic-taucher.de

Branch office Mukran • Im Fährhafen Sassnitz
18546 Sassnitz / Neu Mukran • P. +49 (0)38392 - 553 55
mukran@baltic-taucher.de



HOLGER MATTHIESEN

E.ON Climate & Renewables, Head of Offshore Wind Pre Construction (Germany/Denmark)

Holger is married and has two children. He has 15 years of experience in Oil and Gas and Offshore and has worked in Germany, Russia, Libya, the Netherlands and France.



RONNY MEYER

Wind Energy Agency WAB, Managing Director

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.



ANNI MIKKONEN

Finnish Wind Power Association, Managing Director

Anni Mikkonen has got MSc in environmental sciences and MSc in corporate environmental management. She has been working for the FWPA for the past six years.



STEFAN MILIS

OWI-Lab / Sirris, Coordinator Sustainability

Stefan Milis (45 yr) is coordinating the OWI-Lab with passion since its start in 2010. The OWI-Lab (www.owi-lab.be) is the R&D&Innovation platform for offshore wind in Flanders, and working especially in the domains of extreme climate testing and design validation, monitoring of wind turbine components and structures and O&M optimization. Stefan Milis holds an engineering degree in materials science (KULeuven, 1994).

CM Offshore GmbH

Derrick Underwood
Barkhausenstraße 60
D-27568 Bremerhaven · Germany

phone +49 471 / 488 78
mobile +49 176 84343507
e-mail d.underwood@cm-offshore.de
web www.cm-offshore.de



CM Offshore has a highly skilled and experienced workforce, working mainly in the Offshore Steel Construction Industry, consisting of Jackets and transformer stations, etc.

- Time served steel construction workers
- Coded and multi coded welders

We have a very close cooperation between the partner companies in the group and we are able to use this to achieve larger or more complex jobs in a very short period of time.





TADAS NAVICKAS

4energia UAB, Managing Director

Managing director of
4energia UAB (Lithuania)
since 2007.



HANS OHLSSON

wpd Offshore Stockholm, Managing Director

I have been working with
wind energy in Sweden for
the past 25 years. The last 15
years have been dedicated to offshore wind
project development.



SIIM PAIST

Nelja Energia, Development Manager

Siim Paist studied thermal
energy and holds M.Sc. from
the Tallinn University of Tech-
nology and also he is char-
tered thermal engineering
engineer. After university he mainly dealt with
thermal energy (boilerhouses and CHP's),
then with renewable energy (biogas, bio-
fuels) and now couple off years with offshore
windparks (Hiiumaa Offshore windpark).



MATTHIAS RAPP

Straits International, CEO

Consultancy within wind
energy. Current activities
include: Chairman Swedish
Wind Power Technology Cen-
tre, Chalmers University
of Technology. Chairman Scandinavian Wind
AB, technical consultants.
Promotion of offshore wind power for Region
Västra Götaland.



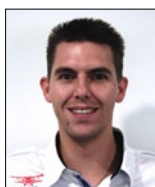


JOHAN SANDBERG

DNV GL Energy, Service Line Leader for Offshore Renewable Energy

Johan Sandberg is Service Line Leader for Offshore Renewable Energy at DNV GL Energy, based at DNV's headquarter in Oslo, Norway. He has global responsibility for DNV GL's advisory services

on offshore renewable energy. Johan has previously worked in offshore oil & gas, business risk management and been head of the renewable energy department in DNV. He holds a MSc in Mechanical Engineering and an MBA in Energy Management.



SEBASTIAN STOPPEL

Deutsche Windtechnik, Project Supervisor Electrical Engineering

Sebastian Stoppel is a trained electrical plant technician and an electrical engineer with a wide experience in the

offshore business. Before joining Deutsche Windtechnik he worked as an engineer for O&M companies as well as for a leading offshore manufacturer.



TONI SULAMERI

Suomen Hyötytuuli Oy, CEO

Toni Sulameri has over 20 years of experience in different leading positions in machine construction, prod-

uct development and global technology business. He has been working as CEO of Suomen Hyötytuuli since the beginning of 2014.



ARI SUNDELIN

Prizztech, Project Manager – Offshore Wind Power

Ari Sundelin has 25 years international metal industry and engineering work experience. He has management level experience including construction civil engineering, international sales, metal industry development projects and responsibilities on European level metal

industry network organizations. Two years of this have been within the offshore wind industry. Recently he has conducted national level development projects together with offshore wind power company partners and managed the national strategy of offshore wind business for the responsible ministry in Finland.



JARI SUOMINEN

TuuliWatti Oy, Managing Director

Jari Suominen is also the Energy Director at Energy Company St1 and is responsible for developing wind power, new motor fuels and

other energy solutions based on renewable energy. Jari Suominen has a long experience in the energy sector in management positions at ExxonMobil and is the Board Chairman of the Finnish Wind Power Association.



MARKKU VIITASALO

Finnish Environment Institute, VELMU Coordinator, Research Professor

Marine biologist who has studied pelagic and benthic ecology, as well as effects of eutrophication and climate

change on the marine ecosystem. Currently he coordinates the Finnish Inventory Programme for Marine Underwater Environment VELMU.



HENNING VON WEDEL

Wärtsilä, Senior Development Engineer

Henning von Wedel is currently holding the position of senior development engineer in Wärtsilä's department "Solutions Development". Among

other tasks, he is responsible for the technical implementation of vessel concepts in the offshore wind field. During the last years he has actively participated in the development of the "Seabreeze" Type Installation Vessels

as well as the bigger "Innovation" Installation Vessel of Hochtief GeoSea. Prior to that, Henning worked in MWB Shipyard as Director R&D as well as Project Manager Propulsion. Henning holds a masters degree in Mechanical Engineering from the Helmut Schmidt University, Hamburg and he has worked in the German Navy as Helicopter Pilot and later Technical Officer in a Naval Air Wing.





URS WAHL

Offshore-Wind-Industry-Alliance OWIA, Project Leader Public Affairs

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.



STEFAN WESTHUES

50Hertz, Head of Project Management Office

Stefan Westhues studied law at the universities of Saarbrücken, Edinburgh and Bonn. He specialized in Energy Law at the Research Centre for

Energy Law of the University of Bayreuth. He joined 50Hertz in 2007 and was responsible

for permission and contract management in the project of the grid connection of offshore wind farm Baltic 1. Afterwards he worked as executive assistant to the managing directors of 50Hertz Offshore. In his current position, he is head of the project management office in the offshore projects department at 50Hertz.



MARIUSZ WITONSKI

Polish Offshore Wind Energy Society, President

Coordinator of initiatives promoting offshore wind energy in Poland, including the OFFSHORE Academy and Pol-

ish Offshore Grid Working Group. Since 1997 consultant in the field of renewable energy,

environmental protection, spatial planning and project development for nearly 100 RES projects, incl. 8 offshore wind farm projects in Poland. Initiator of the Baltic Offshore Grid Working Group.

We would like to thank the following

WORDS OF WELCOME

A2 SEA[®]

powered by knowhow

www.a2sea.com

PROGRAMME



www.wpd.de

SPEAKERS



www.cm-offshore.de

SPONSORS



www.tuulivoimayhdistys.fi

ASSOCIATIONS



www.wind-energy-network.de

CONTACT

businesses for their kind support



www.offshore-wind-industry.com



www.offshorewindmagazine.com



www.pes.eu.com



www.rechargenews.com



www.shipandoffshore.net



www.windpowermonthly.com

WORDS OF WELCOME

PROGRAMME

SPEAKERS

SPONSORS

ASSOCIATIONS

CONTACT

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.

Barkhausenstr. 2
27568 Bremerhaven

Phone +49 (0) 471 39177 0
Fax +49 (0) 471 39177 19
E-Mail info@wab.net



WWW.WAB.NET

Offshore Wind Industry Alliance (OWIA)

In the past ten years, industrial and service enterprises in offshore and onshore wind energy have developed rapidly at numerous locations along Germany's North Sea and Baltic coasts. At the same time, regional industry networks have emerged that today in their overall growth and size reflect the rapid development of an entirely new industry.

The four wind energy networks in northern Germany, Wind Energy Agency (WAB) in Bremerhaven, Renewable Energy Hamburg Cluster Agency (EEHH) in Hamburg, Wind Energy Network (WEN) in Rostock, and windcomm schleswig-holstein (windcomm) in Husum, work together as the Offshore Wind Industry Alliance (OWIA) in Berlin, thereby linking the North Sea and Baltic markets for businesses located in Germany's coastal states and beyond. OWIA was founded in 2012 by WAB, EEHH and WEN, and windcomm joined the alliance in 2013.

OWIA is the advocate for roughly 600 businesses, institutes and organisations that are members of these four networks. OWIA is committed to representing their industrial and energy policy interests. Its members belong to the entire value chain – from project developers and operators to turbine manufacturers, suppliers, and related service providers.

OWIA believes that only a concerted effort can successfully provide for sustainable and reliable technical, regulatory, and economic conditions that ensure the continuance and accelerated development of Germany's offshore wind industry, particularly on the North Sea and Baltic coasts. Since offshore wind energy has a place in both Euro-

pean and global markets, the German offshore

industry can maintain its technological lead only through purposeful cooperation.



The formation of this alliance with four large wind energy networks in northern Germany is an important step towards putting offshore wind power securely in place at the base of Germany's energy turnaround. OWIA advocates the continuous, well-regulated and reliable installation of high-performance offshore wind turbines in the North and Baltic seas. Due to their high capacity utilisation and owing to excellent wind conditions, offshore wind farms significantly contribute to the stabilisation of energy systems.

It is the mission of the joint office in Berlin to strongly focus the political message from northern Germany's wind energy networks on the issue of offshore wind energy, and of serving as a direct contact in Berlin, close to Germany's federal government, to foster the professional and political debate on expanding the utilisation of offshore wind. OWIA shares office space with the Offshore Wind Energy Foundation and its proximity to other industry associations provides excellent networking opportunities which improve the flow of information to and from Berlin.

The four networks have equal footing in OWIA's Berlin office; they act collectively and in partnership. Likewise, successful collaboration with the Offshore Wind Energy Foundation in close partnership is and will remain a vital strategy. OWIA is financed exclusively through funding from the participating networks.

WWW.OWIA.DE

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

"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."

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.

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.

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.

Anni Mikkonen

Phone + 358 40 771 6114

anni.mikkonen@tuulivoimayhdistys.fi

WWW.TUULIVOIMAYHDISTYS.FI

"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.

WIND OFFSHORE

With 10 offshore projects already approved, wpd AG is one of Europe's most successful developers of offshore wind farms. wpd has managed the procurement for 3 projects, while 2 projects were also accompanied by wpd from construction management to operating.

After successful development and design, the construction of the Butendiek project with 80 wind turbine generators in the German North Sea is under way. The financing for this project amounting to 1.3 billion Euros was also secured by wpd. Today, wpd is developing 16 offshore wind farms with a capacity of 7,500 MW in 5 countries.

Are you looking for a cooperation with a highly competent and experienced partner? Please contact us: projects-offshore@wpd.de

► www.wpd.de



1,700 wind turbines + 3,000 MW installed capacity + 1,200 members of staff
Activities in 17 countries + 6.7 GW onshore pipeline + 7.5 GW offshore pipeline

Swedish Wind Energy Association



Swedish Wind Energy Association is the association for compa-

nies 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.

Svensk Vindenergi

Olof Palmes gata 31

10153 Stockholm Sweden

Phone +46 8 677 28 90

Fax +46 8 677 25 06

E-Mail info@svenskvindenergi.org

WWW.SVENSKVINDENERGI.ORG

Polish Offshore Wind Energy Society

(PTMEW)

PTMEW is the non-governmental membership organization, gathering companies, institutions and individuals interested in 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. Since 2006 the society concentrates exclusively on the promotion the offshore wind energy in Poland.

In 2008-2014 PTMEW run several international projects, developing strategic partnership with national and foreign partner organizations. In 2011 PTMEW established the offshore wind industry network in Poland.

Offshore grid initiatives

Since 2010 PTMEW has been developing the offshore grid concepts. In December 2014 PTMEW established the Polish Offshore Grid Working Group, consisting of grid operators, maritime administration, research institutes, offshore wind farm developers, industry and advisory sector.

Polish Offshore Wind Energy Society

Gdansk Science & Technology Park
Building C, office 2.17A
ul. Trzy Lipy 3, 80-172 Gdansk, Poland
tel: (+48) 58 342 25 69, 58 500 84 06
e-mail: ptmew@ptmew.pl
www.ptmew.pl

WWW.PTMEW.PL

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.

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.


Offshoreenergy.dk

Dokvej 3
6700 Esbjerg
Phone +45 36 97 36 70
Fax +45 36 97 36 79
E-mail info@offshoreenergy.dk


WWW.OFFSHOREENERGY.DK

In the last  years, wind energy has become a powerful

force  business. WINDPOWER brings together the best and

brightest for  days of education, discovery, networking, strategizing

and  chart the future of wind energy.

Don't miss this  of a kind opportunity to learn how wind energy builds

business

 NOW

REGISTRATION NOW OPEN!

If it's in the wind energy industry, it's at AWEA WINDPOWER® 2015 Conference & Exhibition - where *thousands of wind energy professionals* from all over the world come to network, learn, and advance their organization's mission. Register and *book your hotel today!*
May 18-21, 2015 in Orlando, Florida, USA
www.windpowerexpo.org



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.

Contacts

Phone (+372) 639 6625

E-mail info@tuuleenergia.ee

WWW.TUULEENERGIA.EE

The safe choice for offshore wind installation



With more than 1,200 turbines installed, and services that stretch from component transport to undersea cabling and maintenance, A2SEA has the most experience, knowhow and capabilities of any offshore wind installation provider in the world. Our versatile, purpose-built fleet takes the installation process to a more efficient and cost-effective level, delivering your offshore wind farm projects on time and budget – all with the added assurance of a fully integrated Zero Harm safety culture.



A2SEA® powered by knowhow

Conference management

Conference programme and management

Offshore Wind Messe und Veranstaltungs GmbH

Stephanitorsbollwerk 1, Haus Lee
28217 Bremen/Germany

Phone +49 421 841 377 0

Fax +49 421 841 377 29

E-mail conference@windforce.info

Conference organisation



Jens Eckhoff



Nadja Niestädt



Steffen Schleicher



Jagoda Jaworski



Ann-Katrin Sander

Venue

Radisson Blu Royal Hotel

Runeberginkatu 2
00100 Helsinki
Finland

WINDFORCE 2016

Bremen

International Trade Fair & 12th Offshore Conference

7–9 June



+ More than 300 international exhibitors + + + WINDFORCE Dinner + + + 5,000 trade fair visitors in 2014 + + + WINDFORCE Party + + Over 500 conference participants + + More than 60 international speakers + + Excursions

DON'T MISS OUT!

wab windenergie
agentur

- ▶ Your Key to the Offshore Industry!
- ▶ Germany's largest Offshore Wind Energy Trade Fair and Conference. 7–9 June 2016, Bremen, Germany

With the kind support of:

ela[container]



European Union
„Investing in your future“
European Regional
Development Fund



www.windforce.info



WINDFORCE

Baltic Sea



▶ Register now!



+ + offers a unique focus on the challenges in the Baltic Sea + + more than 30 international speakers + + every year in another Baltic country + + experiences and questions concerning offshore wind energy + +

Be part of Baltic offshore power!

wab windenergie
agentur

▶ Conference in Denmark in 2016

WINDFORCE Baltic Sea offers a unique focus on the challenges in the Baltic Sea. The two day conference targets on experiences and questions concerning offshore wind energy in the Baltic Sea. The conference will be continued annually, every year in another country of the Baltic Sea.



www.windforcebalticsea.com