



# OMWINDENERGY Europe 2014

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Partner country: France

Organizer:



TEAM OMWINDENERGY 2014  
c/o windConsultant

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Safety Engineering Experts



Photos:

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## BLADEFENCE®

**Bladefence** is a specialist for wind turbine blade condition analysis, repairs and maintenance. The company utilises advanced skylift equipment and UV-curing blade repair method in its operations. In combination, these enable operations in harsh weather conditions, cutting-edge efficiency and minimise turbine downtime.

The company was certified by Germanischer Lloyd for blade repairs in 2012 as the first company in the Nordic countries. The company offers services throughout Europe.

[www.bladefence.com](http://www.bladefence.com)



### NetzwerkWindkraft NRW c/o EnergieAgentur.NRW

Netzwerk Windkraft NRW coordinates and organises the interests of the wind industry in North Rhine-Westphalia and is the interface between politics, industry, research and operators. The network focuses on the expansion of wind power in North Rhine-Westphalia, the development of industry expertise and wind power research as well as the coordination of international contacts in the wind industry. Netzwerk Windkraft NRW is part of EnergieRegion.NRW - a powerful cluster for climate protection incorporating the eight networks of biomass, fuel cells and hydrogen, energy-efficient and solar construction, geothermal energy, fuels and drive systems of the future, power plant technology, photovoltaic as well as wind power.

The EnergieRegion.NRW is managed by the EnergieAgentur.NRW.

[www.energieagentur.nrw.de](http://www.energieagentur.nrw.de)



Deutsch-Französische Rechtsanwaltskanzlei  
Cabinet d'Avocats Franco-Allemand

**Epp & Kühl** is a law firm with more than 30 French and German lawyers, many of them being admitted at the French and the German bar. It is one of the leading law firms in Franco-German legal and business advice. Besides the main areas of labour, commercial, corporate, insolvency law and litigation, the development of renewable energies has conducted us to focus on these matters as well, so that our advice comprises, in particular, the fields of biogas, photovoltaic and wind energy.

In addition to our office in Cologne with a total of 15 qualified lawyers, we have offices in Paris, Strasbourg, Baden-Baden

and Sarreguemines. As all of our lawyers are bilingual and have studied law in both France and Germany, we can provide our German-speaking clients with legal advice in almost all aspects concerning business in France and vice-versa for our French clients.

[www.avocat.de](http://www.avocat.de)



The new **FWT 3000** (3 MV) convinces with technology and performance. The combination of a compact drivetrain, which does not require a bulky main shaft due to its large rotor bearing, and the HybridDrive by Winergy, a solution where gearbox and a middle-speed generator merge to one unit, results in less weight (powerhouse only 105 tons). The 120 m rotor and hub heights of 100 ... 140 m lead to more efficiency and higher revenues.

The FWT 3000 is future-compliant for all grid conditions.

The FWT Service division with its experienced staff has made it their goal to support wind farms with well-thought-out solutions to achieve the best energy yield. The close collaboration between FWT service and engineering departments allows quick and permanent solutions and guarantees the continuous optimisation of wind turbines. At FWT, we use remote online monitoring to check all of our customers' systems around the clock, which means that any technical barriers in operation can be addressed without delay.

[www.fwt-energy.com](http://www.fwt-energy.com)



A MEMBER OF MISTRAS

GMA-ENGINEERING.GMBH

**MISTRAS-GMA** is an accredited and certified service provider in the field of material testing and quality assurance. With many years of experience in non-destructive and destructive testing, as well as quality assurance during planning, manufacturing, installation, and operation, our customers receive comprehensive services, all from one single source. This knowledge and experience are also important elements for the testing and inspection of wind turbine components. Here we are one of the few companies capable of providing quality assurance service through the whole product lifecycle of a wind turbine. The constant development of our sophisticated testing techniques enables us to realize the most

challenging testing projects.  
[www.gma-group.com](http://www.gma-group.com)



solutions for green energy

The **Gothaer** was founded in 1820 and is one of Germany's oldest and established insurance companies. From the very beginning Gothaer supported intensively the rapid development of Renewable Energies in Germany. Today Gothaer is proud to insure about 13,000 wind energy converters around the world.

Our competence center for Renewable Energies has been established in Cologne. Using this central pool in Cologne we are able to provide tailor made insurance solutions for our European clients as well as supporting our branch office in France and our subsidiaries in Poland and Romania.

[www.gothaer.de](http://www.gothaer.de)



**GreenGate AG**, headquartered in Windeck, has been developing highly adaptable and innovative software solutions for the maintenance of plants and infrastructures since 2000.

Customers from manufacturing industries as well as the energy and water sector use GS Service software in the area of technical plant management, maintenance planning and operational management tasks.

[www.greengate.de](http://www.greengate.de)



Technical installations and buildings, e.g. bridges or embankment dams are subject to strict inspection and safety regulations, which is why they require regular inspections. Data acquisition for these inspections are often associated with great time and financial expenditures.

Here, **Height-Tech** drones clearly save time and money. Within a short amount of time they allow more data to be obtained with equivalent or better data quality than before. Otherwise hard to access areas can easily and quickly be accessed with the drone. During inspections required to be performed regularly the GPS

control facilitates fully automated approach of specified check points. Collision protection and active camera stabilisation complete the inspection system.

High-resolution sensor systems for crack detection in the sub-millimetre range allow for minimal abnormalities to be detected and safely assessed by surveyors. We have the right special sensor technology for any situation and also automated post-editing.

[www.heighttech.com](http://www.heighttech.com)



**HYTORC®** is the oldest and leading manufacturer of industrial bolting systems globally. Besides hydraulic, pneumatic and electric tools, we offer a substantial fastener product portfolio to enhance bolting applications with accuracy, safety and speed. Only our bolting systems make it possible to achieve maximum bolt loads, and comply with the VDI/VDE 2862 Part 2 requirements at once.

[www.hytorc-seis.de](http://www.hytorc-seis.de)



Being in the market since 1991, **IAP** is a well-experienced, independent consulting company providing tailor-made solutions for the crucial operative and strategic questions in industrial production and the after sales service. IAP customers are both SME and large enterprises mainly from the automotive, railway, aviation and mechanical and plant engineering industry.

Our service portfolio in the field of production includes factory layout planning, (re-)design and implementation of production systems, supply chain management as well as process design and (re-)organization. As partner for the after sales service, we develop integrated, logistically sophisticated systems for our customers, consisting of spare parts supply, MRO and engineering services which are to ensure an efficient service performance and to generate lasting profits.

It is our key objective to improve and secure competitiveness in the long term. For this, we combine cost-cutting measures specifically with suitable options to maintain and increase our customers' performance capacity.

[www.iap.eu](http://www.iap.eu)



**IQZ:** The Institute for Quality and Reliability Management provides a broad range of methodological approaches according to the state of the art in science and technology to deal with our customers' and partners' safety or reliability related issues. Thereby, the IQZ relies on many years of project experience with well-known companies.

In addition to our consultancy services, we are in the position to offer even complex research projects under university supervision that can be conducted in a collaboration with our partners due to the spatial and organizational proximity to the University of Wuppertal.

Services: Economical Risk Simulation, Functional Safety, Reliability Management, Site-Specific Risk Assessment, Warranty Management

[www.iqz-wuppertal.de](http://www.iqz-wuppertal.de)



In the maturing and evolving renewable energy market, customers grow their parks with all kind of different types of renewable energy plants with a multitude of equipments and various monitoring solutions.

**QOS Energy** ensures efficiency & productivity of operations and maintenance by simplifying and consolidating management of renewable energy parks.

Driven by open standards and open interoperability, QOS Energy delivers innovative and flexible monitoring solutions based on latest web-technologies to monitor any plant already in operation and allows customers choose the optimal equipment for their new sites without locking them into a closed proprietary system.

[www.qosenergy.com](http://www.qosenergy.com)



The power of the wind has made us great. And it inspires us furthermore.

As a medium-sized company founded in 1996 in Bremen, we offer you in the field of wind energy - onshore as well as offshore - a multi-faceted range of services. Our

portfolio covers the areas electro-technical planning, grid connection, electrical assembly, mechanical assembly, service and maintenance, rotor blade service, aviation obstruction markers in accordance with the guidelines for flight safety as well as made-to-measure developments and individual solutions.

Come and meet us: **REETEC** – wind energy – long-term experience – substantial know-how – innovative service – highest safety standard.

Our services

- Electro-technical planning and grid connection
- Electrical assembly
- Mechanical assembly
- Service and maintenance
- Rotor blade service
- Aviation obstruction markers
- Offshore solutions
- Made-to-measure developments and individual solutions

[www.reetec.de](http://www.reetec.de)



# SAFETEE

Safety Engineering Experts

**SAFETEE GmbH:** Safety Engineering Experts

We make workplaces safe. We are specialists in safety engineering, safety consulting and risk assessments. In cooperation with TÜV NORD, we provide occupational health and safety support to world-leading company in the wind industry.

[www.safetee.de](http://www.safetee.de)



**SCADA International,** "The Solution Provider" within SCADA system products, services and support!

Encountered with numerous SCADA system challenges, we surely strengthen our customers' business and value as we possess the knowledge and experiences required to plan, implement and execute any project in the value chain of SCADA.

Extensive domain knowledge, the latest technology available and highly skilled specialists engaged, globally, - again we ensure our customers to earn their profit due to a cost effective integration of SCADA system communication with any wind turbine brand by implementing scalable, automated solutions with minimal operational interruption.



Flexible and independent, offering consulting, engineering and project solutions, we supply project specific and off-the-shelf solutions, and provide any level of systems engineering support from initial feasibility studies to turnkey project management and integration services.  
[www.scada-international.com](http://www.scada-international.com)



With headquarters in Osnabruck, Germany and two service centres, **seebaWIND Service GmbH** is a service organisation for wind power plants and specialized in working with plants of Nordex, Fuhrländer and Senvion (formerly REpower). seebaWIND is, however, independent of any company.

The services the company offers range from technical operation management with 24/7 remote monitoring as well as service, maintenance and repair of wind-power plants. seebaWIND Service also offers its customers the opportunity of joining purchasing pools for replacement parts. The company currently employs approx. 60 highly qualified employees and manages approximately 564 wind power plants with a power output of 890 MW.

seebaWIND Service belongs to the Wind-network 360°, the only nation-wide service network independent of any manufacturer for wind power plants of Nordex, Fuhrländer and REpower.  
[www.seebawind.de](http://www.seebawind.de)

## SONNE WIND & WÄRME

From 2014 on **SUN & WIND ENERGY** will be published six times a year as a "Solar Edition" and four times a year a "Wind Edition" which will focus on onshore wind power mainly, while the offshore development is covered in the S&WE Offshore Wind Industry magazine. With the new orientation, as well as country-specific topic selection and stronger regionally-oriented distribution with partial publication in bilingual versions, SUN & WIND ENERGY will offer heightened support to corporate marketing and communication strategies. This is reinforced by theme-dependent target delivery in the respective global markets, in addition to 27,000 E-magazine subscribers to the newsletter.

**NEW! CHEMICALS IN WIND INDUSTRY** is a professional journal in English with an international outlook. The magazine forms a link between the chemical industry and wind industry and offers information about new materials and processes, news and background information, market overviews and analyses, as well as company profiles and event coverage, thus creating a new communication platform in an important growth field for both industries.  
[www.sunwindenergy.com/](http://www.sunwindenergy.com/)  
<http://www.sunwindenergy.com/content/chemicals-wind-industry>

## TaylorWessing

**Taylor Wessing** is a leading International law firm with a single-minded approach: to help its clients succeed by thinking innovatively about their business issues. We offer an integrated service across the full range of practice areas, with over 1050 lawyers working across 24 offices in Europe, the Middle East and Asia. The firm is driven by where the industries of tomorrow are growing the fastest and is active in Technology, Media & Communications; Life Sciences; Financial Institutions; Real Estate; and Energy. We have established a particularly strong reputation for advising on renewable energy projects such as wind, solar PV, biomass and geothermal.  
[www.taylorwessing.com](http://www.taylorwessing.com)



**Focus: Strategy - Business Development – Events – PR**

**windConsultant - Annette Nüsslein** is a consultancy based in Duesseldorf/Germany. We have been active as an advisor and top-notch event organizer on topics relating to the wind industry (onshore and offshore) etc. since 2005.

Our services:

- Consulting services (new markets, new trends, operation & maintenance)
- Seminars and conferences
- Studies

[www.windconsultant.de](http://www.windconsultant.de)  
[www.omwindenergy.de](http://www.omwindenergy.de)  
[www.omwindenergy.com](http://www.omwindenergy.com)



**Procurement market for the international wind industry**  
[www.wind-turbine.com](http://www.wind-turbine.com)



**WIND FOR FUTURE:** Des solutions globales à l'énergie éolienne

W4F regroupe les acteurs de la filière éolienne en Bourgogne et plus largement dans le Centre-Est de la France. Il offre l'éventail le plus large possible de sous-traitants et de partenaires sur le marché français et sur l'ensemble de la chaîne de valeur de la filière:

- Les industriels fabricants et transformateurs de composants d'éoliennes de toutes dimensions,
- Les sociétés d'exploitation d'énergie et de gestion de parcs éoliens,
- Les sociétés d'ingénierie, de raccordements électriques, de BTP associés à l'installation de parcs éoliens dans le Nord-Est de la France,
- Les bureaux de contrôle, d'études, les sociétés de maintenance intervenant de la conception d'éoliennes, de parcs éoliennes, et de leur la gestion.

[www.windforfuture.com](http://www.windforfuture.com)



The **WKA Beton Service GmbH** is specialized in restoration and water proofing of wind turbine foundations and has references of more than 2500 foundations in 20 countries.

Often the works had to be fulfilled at extreme locations such as the Arctic Circle, the Orkney Islands, Aland Islands, Hybridan Islands, South East Asia and various locations of extreme height.

Foundation restoration and coating, various injection methods as well as the installation of drainage systems, belong to our key services.

[www.wka-bs.de](http://www.wka-bs.de)