Wind. Wind Power. Wind Energy. Nature gives us one of the most effective sources of renewable energy. Wind is strong, powerful and dynamic.

We experience the power of the wind every day. Offshore. Where the wind encounters no barriers, where optimal output is generated, and wind energy turbines are expected to fulfil the highest demands. This is where we are at home. With the open horizon in view, we provide forward-looking and comprehensive planning and consulting, followed by detailed and effective implementation and support for all kinds of offshore wind projects. From the very first idea through to implementation and operation as well as decommissioning and dismantling. Continuously, like the wind at sea. Powerful like an offshore wind farm.
WINDEA Offshore is the gateway to the full-service world in the offshore wind industry. As a joint venture, we benefit from the strength and know-how of four well established, family owned companies: Bernhard Schulte Offshore, Buss Offshore Solutions, EMS Maritime Offshore and SSC Wind EMEA.

With the range of services provided by our shareholders we became well established with a unique, comprehensive portfolio of offshore services. In close co-operation with experts from the specialised fields of these companies, WINDEA develops solutions of the highest quality for its customers. Our experienced and committed team is ready to provide answers to questions which have not been asked yet. To fulfil our customers’ requirements and meet the highest standards expected in the offshore wind industry.

We are the partners to contact for offshore wind projects. We provide support in every way possible and at every stage: development, construction, operation, dismantling. We minimise interfaces and offer our customers the advantages of comprehensive solutions substantiated by detailed specialised knowledge. All from one source.
Foundation & Generator:
Our Shareholders.
Bernhard Schulte Offshore
With the foundation of Bernhard Schulte Offshore in 2015, the Schulte Group established a dedicated company for its offshore activities. Bernhard Schulte has more than 135 years’ experience in shipping and has supported more than 450 new building projects. The company owns about 100 vessels and carries out the management of more than 600 others. 18,000 seafarers and 2,000 employees onshore in over 30 locations ensure safe and efficient shipping operations.

Buss Offshore Solutions
The Hamburg company develops customised logistic solutions for on- and offshore. Buss Offshore Solutions is a subsidiary of the Buss Group which was founded in 1920 and offers its international customers tailor-made port logistics solutions for on- and offshore projects. The team implements the projects on the company’s own or on external terminals with its own equipment or with third-party devices. Based on expertise gained from many different major projects, Buss Offshore Solutions supports customers with the design and implementation of logistics projects along the entire transport chain.

EMS Maritime Offshore
Founded in 2010, EMS Maritime Offshore (EMO) offers comprehensive maritime services for offshore wind farms in the North and Baltic Seas. In addition to the activities of a certified shipping company focusing on the special requirements of offshore wind farms, the company also provides the necessary port services in various ports located close to the wind farm clusters. This includes provision of office, warehouse and outdoor storage capacity as well as parking space and berths for service vessels. The extensive service package is rounded off by the Marine Coordination section which manages all logistics processes and maritime site surveillance. With its experience, EMO stands for service, quality, commitment and flexibility. As a wholly owned subsidiary of Aktien-Gesellschaft “EMS”, Emden, EMO is an important member of an association of different transport and service provider companies.

SSC Wind EMEA
Since its founding in 2001, SSC Wind EMEA has become firmly established in the European wind market. After beginning with onshore activities in the German market, the company quickly grew through international cooperating joint ventures into a European network for on- and offshore activities. The SSC Wind EMEA Group has a staff of more than 400 employees and has completed more than 2,000 wind turbines on- and offshore. SSC Wind EMEA carries out the servicing of on- and offshore turbines, maintenance of the foundations, retrofitting, repowering, rotor blade servicing and the exchange of large components. Furthermore, the company has successfully designed, manufactured and built offshore wind metmasts and taken care of their maintenance for several years.
WINDEA: The concentrated power of a strong network.

Our Shareholders

- BS OFFSHORE
- BUSS
- EMS Maritime Offshore
- SSCWIND

Affiliated Companies

- AG EMS
- BERNHARD SCHULTE
- BSM Offshore
- EMS Maritime Offshore
- GERMAN WIND ACADEMY
- MUKRAN PORT TERMINALS
- NHC NORTHERN HELICOPTER
- OFD
- ORANGE BLUE TERMINALS B.V.
- SMC

Our Partners

- IQM IQMEDWORKS
- DIE JOHANNITER Aus Liebe zum Leben
- KLINIKUM OLDENBURG Medizinischer Campus
- VAN LAAR MARITIME
Competence & Customer Focus runs in our family.
Offshore wind projects are complex undertakings. In order to achieve maximum efficiency for each step of the project phase we carefully prepare ourselves for every personal requirement profile and the challenges that will arise as a result. Coupled with optimal service and tailor-made products. From one source. We pass on to our customers the concentrated added values contributed by our shareholders and partner companies.

360 degrees of service.
100 percent performance. No limits.
**Maritime Services**
Modern offshore vessels and experienced, highly qualified personnel are the essential factors in our comprehensive range of maritime services. For charterers as well as for ship owners. Including our own Marine Coordination Centre. We keep an eye on everything.

**Port & Logistics**
Nothing works without them. That is why we provide our own terminal areas and facilities in installation and base ports as well as service ports along the North and Baltic Sea coasts. This includes the continuous logistics chain which we plan and implement for offshore projects.

**Wind Energy Services**
Wind turbines are the core of every offshore project. We provide support with our technical services during the entire life cycle – ranging from preparatory works in the port through to offshore installation and service during the operating phase. Our experts carry out unlimited service for every aspect of offshore installations.

**Aviation Services**
WINDEA provides reliable services – on land, on water and in the air. Experienced pilots and a modern helicopter fleet carry out passenger and cargo flights and are immediately on the spot when speed is of the essence.

**Medical Services**
WINDEAcare is the holistic approach for acute and emergency medical care for offshore wind farms. In cooperation with well-known partners, our customers benefit from a wide range of medical services from one source.

**Consulting & Concepts**
The right strategy is the basis of every successful project. Besides laying the foundation and developing the transport and logistics concepts, we also provide consulting services for the project from design until implementation.
Precision & Efficiency: From port to starboard.

We’ve seen a lot in our years of experience and are prepared for every challenge ahead. Our fleet of modern offshore vessels is optimally adapted to the needs of offshore wind farms. We have the right vessel for every situation – for crew changes, service and safety.

We plan, design and implement every detail of wind farm service vessels in accordance with our customers’ specific requirements. From the drawing board through to construction supervision and delivery. Our own fleet of crew transfer vessels, guard and emergency rescue response vessels as well as service operation vessels is ready to spring into action at any time. We provide the crew and carry out the ship management.
Services:

- Charter Management
- Ship Management
- Platform Management
- Catering and Housekeeping Services
- Crewing
- Training and Education
- Building Supervision
- 24/7 Support Centre

Assets:

- Crew Transfer Vessel
- Guard Vessel
- Emergency Rescue Response Vessel
- Service Operation Vessel
Coordination is everything in offshore.
24/7 Offshore we have everything under control. We coordinate the processes on offshore construction sites round the clock. From modern marine coordination centres experienced nautical personnel monitor continuously every movement of vessels and people.

They are the interface between construction supervision, ports, vessels, helicopters and authorities and all others involved in the project, ensuring smooth processes – from radio communication to vessel and person registration.

To enhance safety even further, we offer guideline-compliant maritime coordination and site surveillance using our own hardware in our maritime control room VENTUSmarine. We carry out site surveillance of several farms simultaneously, conforming to the highest quality and safety standards, and achieving cost benefits for our customers at the same time. For this purpose, we employ only personnel who are qualified as nautical watch officers who have a certificate of competency. In this way we offer the market not only fulfilment of all official requirements, but also set a professional standard which puts safety first without any additional charge.

Coordination, site surveillance and consulting, always of the highest standard. Onshore and offshore, we are personally and fully committed to every project. We ensure that our nautical personnel undergo continuous further training and qualification – from Marine Coordination Assistant to Lead Marine Coordinator. Our personnel have extensive experience with the use of all standard vessel tracking management systems. Our maritime service portfolio is rounded off by inspections and audits carried out by our nautical experts.

Whether in our headquarters in Emden, on the customer’s premises, directly in the port or on the vessels, as the leader in the German market for marine coordination you can always rely on us.

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**Working with Wind**

Maritime surveillance/Radio communication/Emergency assistance

- Vessel registration
- Entrance and work permits
- Logistics planning
- Reporting to authorities
- Processing of daily shipping reports
- HSE tasks (person registration)
- Weather forecasting and monitoring
- CTV planning
The Allrounder for Heavy Loads. Our Installation & Base Ports.
Our installations and base ports are real heavyweights for the offshore industry. This is where the hard work starts and that is exactly what they are designed for: pre-assembly of the wind turbines is carried out in these locations as they provide the ideal conditions with adequate storage, quay and assembly areas, loading capacities and heavy load platforms. They enable the jacking for several vessels and have the permanent special equipment like cranes and SPMT. We can therefore ensure smooth loading of steel elements of up to 1,500 tons and provide the suitable logistics concept at the same time. RoRo and LoLo concepts complete our range of services.

The proximity of our base ports to the wind farm clusters is an extra advantage. This means short distances and fast transport of components – handled by experienced and highly qualified personnel.

Orange Blue Terminals, Eemshaven
- Terminal area: 250,000 m²
- Surface area load: 35 t/m²
- Heavy load platform: 20 t/m²
- Depth: 14 m
- Quay length: 694 m

Mukran Port Terminals, Sassnitz/Rügen
- Terminal area: 250,000 m²
- Hall area: 11,000 m²
- Surface area load: up to 20 t/m²
- Heavy load platform: 20 t/m²
- Depth: 10.5 m

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The most important feature of our service ports is their close proximity to the wind farms. They are the optimal starting point for transporting supplies to the wind farms and for all repairs. The necessary equipment, tools, small and medium-sized components can be stored here. Fully equipped berths, in most cases independent of tides, provide optimal conditions, especially for smaller service vessels of every kind. In addition, our locations offer good connections by road and air as well as comfortable accommodation.
EMS Maritime Offshore Terminal, Eemshaven (left side)
- Terminal area: 35,000 m²
- Office and storage area: 2,200 m²
- Floating Jetty: 150 m long
- Fresh water, shore-side power connection and WiFi
- Close proximity to the Heliport
- Direct rail connection to Groningen/Amsterdam
- Schiphol close to the terminal

Port Knock, Emden
- Terminal area: 5,000 m²
- Office and storage space
- Extended area: 28,000 m²
- Berth: heavy load quay
- Handling of CTVs and vessels up to 130 m in length, including fresh water and shore-side power connection
- 20 km from Emden Airport

Port Borkum, Borkum
- Quay: 180 m
- Up to 600 m floating jetty
- Office and warehousing space
- Comfortable accommodation
- Port crane, up to 16 t
To ensure all runs smoothly:

Complete service for wind turbines.

Based on years of competence in the onshore wind business, we have successfully extended and completed our range of services for offshore installations. Starting from pre-assembly in the port through to offshore installation of tower sections, rotor stars, single blades and turbines, commissioning, repairs, maintenance, servicing and dismantling – with our own team we perform all these tasks in every phase of the life-cycle of wind energy turbines.

We train our team to become professionals: The German Wind Academy is our partner for all offshore training courses. They work according to the slogan “Certified with Certainty”. GWA conducts training courses for safety, technology and medicine – in realistic scenarios, also out at sea or on platforms. Both on- and offshore, the GWA offers a comprehensive training programme which can be developed and adapted as needed.
Our wind energy services at a glance:
- Installation of towers, turbines, rotor stars and assembly of single blades on- and offshore
- Mechanical and technical completion of installations and commissioning
- Maintenance, repair and servicing
- Maintenance, inspection and repair of rotor blades
- Cleaning of rotor blades and towers as well as corrosion protection of the tower
- Retrofitting of wind energy turbines, exchange of components and dismantling
- Full-service packages including logistics
- Tools including calibration, inspection, maintenance and repair
- Personnel leasing
- Real-time documentation and follow-up

Repowering is the last phase in the life-cycle for wind energy turbine usage. Thanks to repowering, it continues somewhere else with fresh wind. We provide support for these projects and implement the decommissioning and dismantling of turbines, the loading of the components, the crane service and installation at the new location.
Anytime. Anywhere.
Always ready for take-off.
Northern HeliCopter (NHC) is our partner for offshore rescue by air and customer-specific flight services. With more than 25 years’ experience in ambulance and intensive care flights, NHC has a valuable wealth of know-how in both the medical and aeronautical fields. Today, the company provides dedicated helicopters for offshore rescue and transport of injured persons.

From the position of market leader for HEMS (Helicopter Emergency Medical Services), NHC expanded its service portfolio to include passenger and material transport by helicopter. The fleet comprises five helicopters and offers customers flexible and customised solutions. In the company’s headquarters in Emden and the locations St. Peter-Ording and Güttin on Rügen, the team can be reached 24/7 and welcomes passengers in a friendly atmosphere.

Whatever it is. NHC brings people, material as well as hazardous goods safely and reliably to the offshore wind farms in the North and Baltic Seas.

The complete range of services in the air:
- Passenger and material transport by helicopter and small aircraft
- Hazardous goods transport
- Photo and VIP flights
- Certification flights
- Personal Protective Equipment
- Hoist training
- Cost reduction due to open jaw flights
- Registration with Customs and Federal Police
- Freight handling and forwarding
- Organisation of local transfers for passengers between accommodation and airport
WINDEAcare.
For extra safety.

A comprehensive service package from competent partners, concentrated into an holistic approach in medical care. All from one source. WINDEAcare is well established in the field of medical care and its comprehensive concept is unique in the market.
WINDEAcare bundles all the necessary fields of expertise to provide effective medical and rescue care in one concept: medicine, rescue service, navigation, aviation and wind energy. Each individual service is provided by recognised experts. This cooperation enables the highest degree of wind farm safety when it comes to medical issues and emergencies. As WINDEAcare, the partners together provide an optimal medical care infrastructure which is second to none in the offshore industry.

We are on the spot. Whether it is a common cold, an injury or a life-threatening situation, the WINDEAcare team acts fast and professionally. Our concept enables continuous medical care and treatment in the wind farm and during transport until the patient arrives in the hospital. The emergency doctors and paramedics are on standby 24/7, with the most advanced medical equipment at their disposal and trained for height rescue missions. WINDEAcare has its own fleet of rescue helicopters in offshore rescue bases in St. Peter-Ording for the North Sea and in Güttin on Rügen for the Baltic Sea which ensures fast arrival at the location of the emergency at all times. Specially trained emergency paramedics – together with modern telemedicine – provide the currently highest possible standard of medical care for wind farms.

WINDEAcare – when quality and time are crucial.
With us:
Strategic positioning and effective consulting.
Efficiency begins with precise planning. Thanks to our broad-based shareholder structure we have the expert knowledge of the entire transport and logistics chain as well as the complete life-cycle of wind energy turbines with all their technical and maritime challenges.

We develop concepts in meticulous, comprehensive detail and develop solutions beyond rigid conventional structures. We carry out project management and supervision. We implement terminal planning and design full-service packages covering everything from the site of production to the construction field. We convince our customers with our modern and efficient design of customised new vessels. We supervise the construction of vessels, foundations and platforms. We just do it.
Working with Wind