

**EMS-FEHN-GROUP**

PARTNER TO  
**THE WIND INDUSTRY**

# LOGISTICS SOLUTIONS SINCE 1984



For nearly four decades, **EMS-Fehn-Group** has been providing a vast variety of worldwide logistics solutions to customers in numerous industries. Among others, EMS-Fehn-Group's companies are active in:

- project logistics
- chartering
- ship management
- heavy haulage
- crane services
- port operations
- stevedoring
- quality management



# OFFICES ALL ACROSS EUROPE



**EMS-FEHN-GROUP**

19 companies

Offices all across Europe

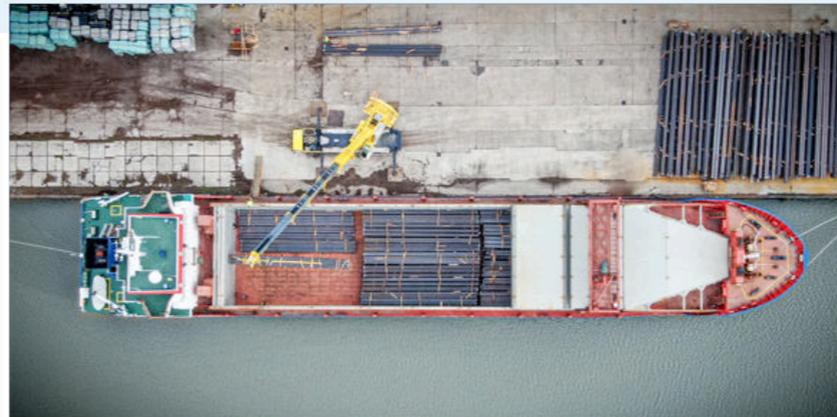
Headquartered in Leer,  
Germany



# EMS-FEHN-GROUP'S OWN ASSETS

**EMS-Fehn-Group** operates its own

- port terminals
- seagoing vessels
- special transport trucks
- cranes



# DEDICATED TO QUALITY



EMS-Fehn-Group permanently strives to optimize internal and external processes. We have our own **inhouse professionals** who make sure that all member companies are certified according to **international standards** such as ISO 9001 (Quality Management), ISO 14001 (Environmental Management) and ISO 45001 (Occupational Health and Safety).



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A large white wind turbine nacelle is being lifted by a crane at a construction site during sunset. The nacelle is suspended by cables and a yellow crane hook. In the background, there are other construction elements, including a green structure and a lighthouse-like tower. The sky is a mix of blue and orange from the setting sun.

**EMS-Fehn-Group** has been supplying innovative logistics solutions to the wind industry for decades. Services provided include

- worldwide shipping of components
- port handling
- storage of components
- road transports to construction sites
- road surveys
- crane services

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**EMS-Fehn-Group** member EMS Chartering develops sophisticated concepts for **shipping components** to destinations all around the globe. For the transports, the shipping professionals deploy EMS-Fehn-Group's own vessels as well as ships of long-standing partners.

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For example, **EMS Chartering** contrived a special plan to deliver more than 400 windmill blades and 110 tower sets to Europe's biggest onshore wind farm. Making use of barges, the precious equipment safely crossed the Baltic Sea and arrived at the construction sites in mint condition.

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**EMS-Fehn-Group** companies are regularly in charge of **loading and discharging** wind energy components - not only at the group's own port terminals but in numerous other harbours as well. The highly trained professionals have lots of experience and pay attention to every detail.

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Providing the wind energy industry with **storage facilities** is also among the services provided by **EMS-Fehn-Group**. The member companies have access to all equipment needed and vast experience in preparing designated areas so that they meet the industry's high standards.

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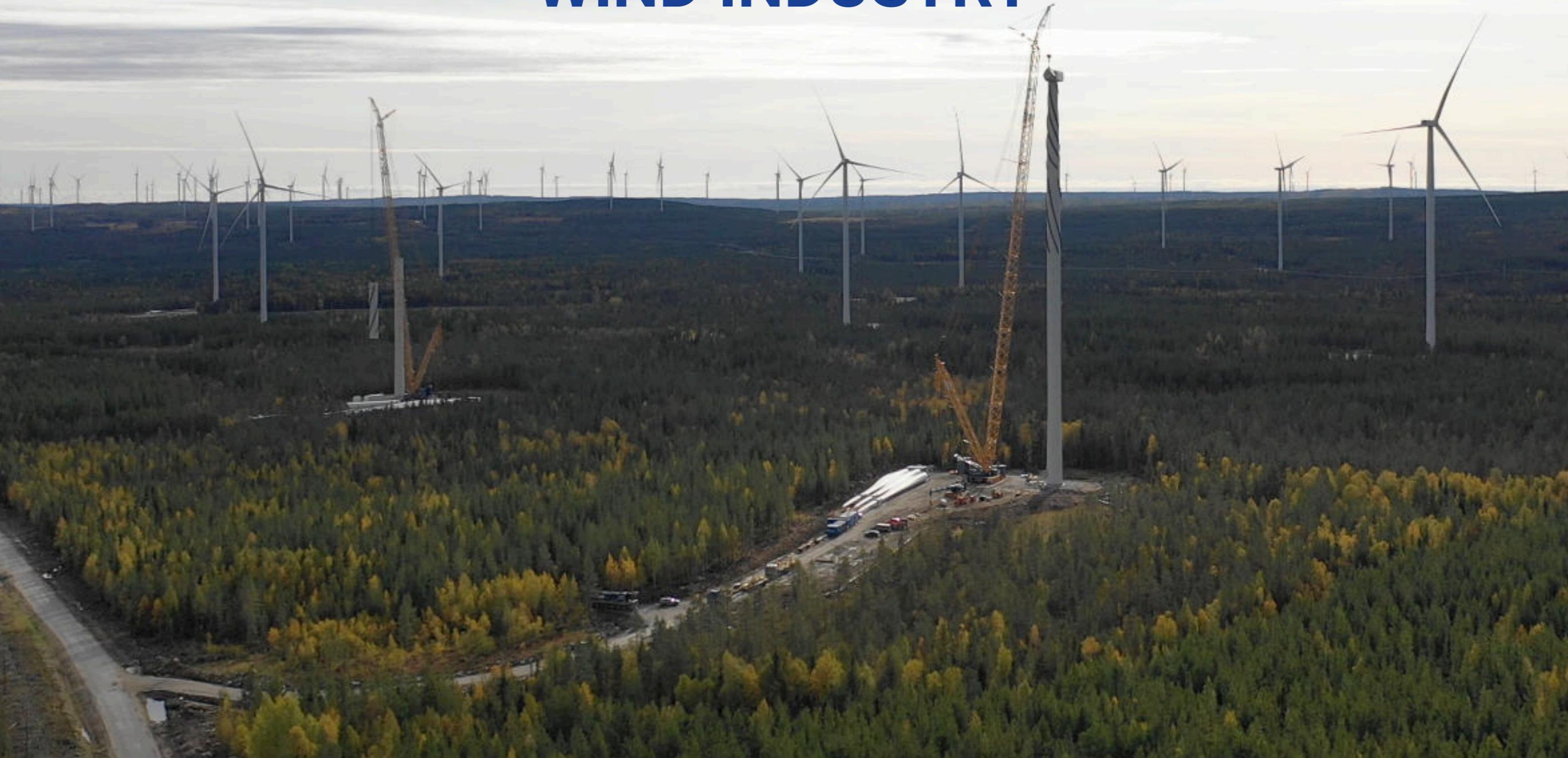
**EMS-Fehn-Group** member EFG Heavy Haulage has its own fleet of **modern trucks and trailers** and offers special transports all across Europe. The company has permanently deployed a number of vehicles to Scandinavia to assist with the installation of wind turbines.

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Organizing and conducting **road transports** even to remote sites has been part of **EMS-Fehn-Group's** range of services for a long time. The member companies have access to the group's own fleet of trucks and trailers. They also benefit from the inhouse trucking expertise when collaborating with a number of reliable international partners. EMS-Fehn-Group also supplies sophisticated **road surveys**.

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Operating its **own high-performance cranes** distinguishes EMS-Fehn-Group: Member company **EFG Scandinavia** provides customized crane services to the wind industry and has contributed to a number of large-scale projects in the north. In the course of five years, EFG Scandinavia played a vital role in the installation of 480 wind turbines in Sweden and Finland alone.

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**EMS-Fehn-Group** also assists customers by taking care of the **entire transport chain**. Member company EMS Log, for example, was entrusted with delivering more than 50 wind turbine towers from the manufacturer's in the north of Germany to various construction sites in Finland. The project logisticians came up with a unique multimodal concept.



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The mission was to deliver a total of more than **4000 concrete tower segments**. Each of them had to be at the right construction site at just the right time. In order to minimize the need for intermediate storage while still enabling a steady flow of cargo to the sites, **EMS Log** decided to make use of Ro/Ro liner services rather than regular vessels.

Arctic Circle (66°33')

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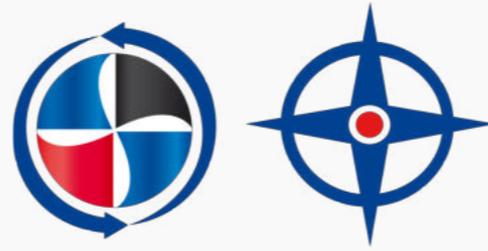


Following the pre-carriage from the production site to ports in Germany by truck, the tower segments were reloaded onto special trailers and boarded the **Ro/Ro vessels**. Then they started their sea journey to Finland. There, the segments were reloaded onto trucks and delivered to the construction sites.

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**EMS-Fehn-Group** can also be of assistance when it comes to smaller tasks like the fast delivery of spare parts or tidying up construction sites once the main work has been completed. Since EMS-Fehn-Group operates its own vessels, trucks, cranes and port terminals, it is in a perfect position to always react swiftly and flexibly to its customers needs.



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