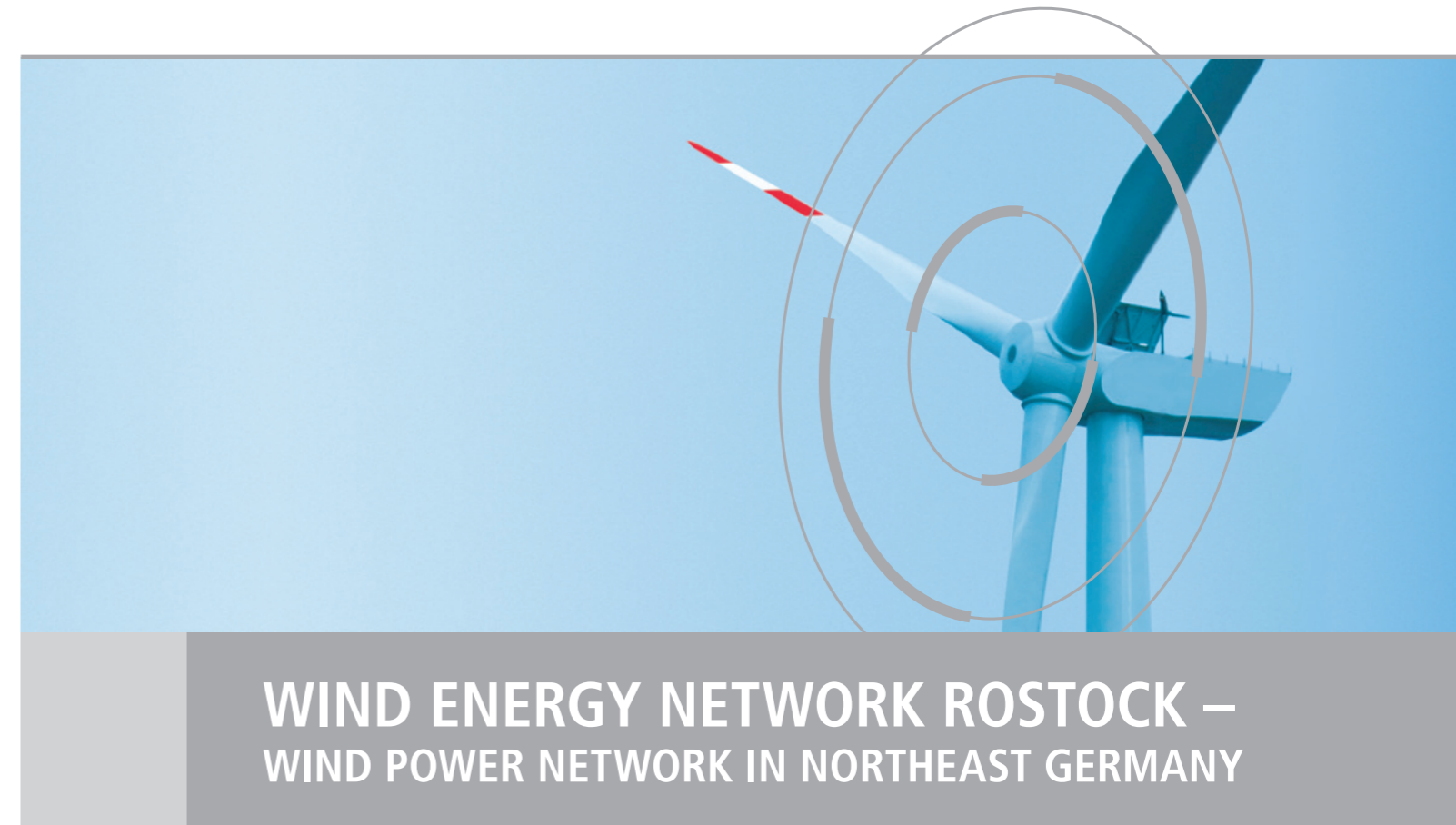


























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 Taking Windpower Offshore www.a2sea.com	 www.aveva-td.com	 www.awek-protech.de	 www.baltic-taucher.de	 www.clement-systems.de
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PERMANENT PARTNERS:			 Ministerium für Wirtschaft, Arbeit und Tourismus www.wm.mv-regierung.de	 www.uni-rostock.de



WIND ENERGY NETWORK ROSTOCK – WIND POWER NETWORK IN NORTHEAST GERMANY

ADDITIONAL WIND COMPANIES IN MECKLENBURG-VORPOMMERN

 www.ad-vis.de	 www.arcadis.de	 www.dim-industrieservice-nord.de	 www.dmr-mv.de	 www.drehpunkt.de	 www.eikboomgmbh.de
 www.eno-energy.de	 www.idg-r.fraunhofer.de	 www.industry-data.de	 www.ifaoe.de	 www.inros-lackner.de	 www.io-warnemuende.de
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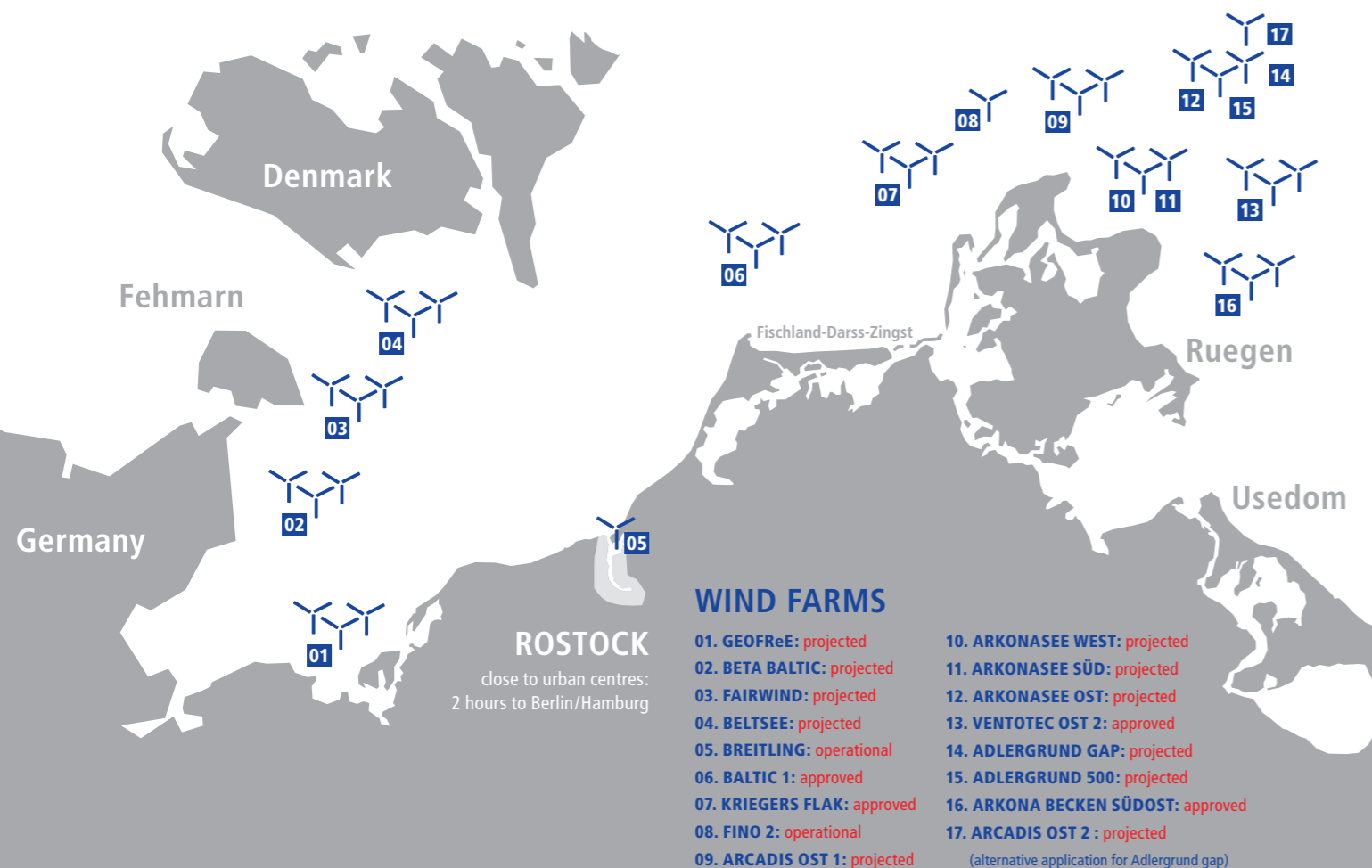
Invest in Mecklenburg-Vorpommern GmbH

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www.invest-in-mv.de



MV tut gut.

GERMAN OFFSHORE WIND FARM PROJECTS IN THE BALTIC SEA – PLANNED AND REALIZED



The State of Mecklenburg-Vorpommern located in the northeast of Germany is one of the leading regions in the wind power sector. Extensive experience has been gained in this field with about 1,200 MW of wind energy power installed onshore. As a competence center for onshore and offshore wind power, the **Hanseatic City of Rostock**, the economic heart of Mecklenburg-Vorpommern (MV), plays a leading role in the industrial development of the branch. You can find companies of the **entire value chain locally from the conception stage, through production, extending to maintenance**. Whether foundations, towers, turbines and nacelles or rotor blades - all products are manufactured here „Made in Rostock, Made in MV“. Scientific partners of the wind power sector are the universities and colleges of the state, as well as public and private institutes.

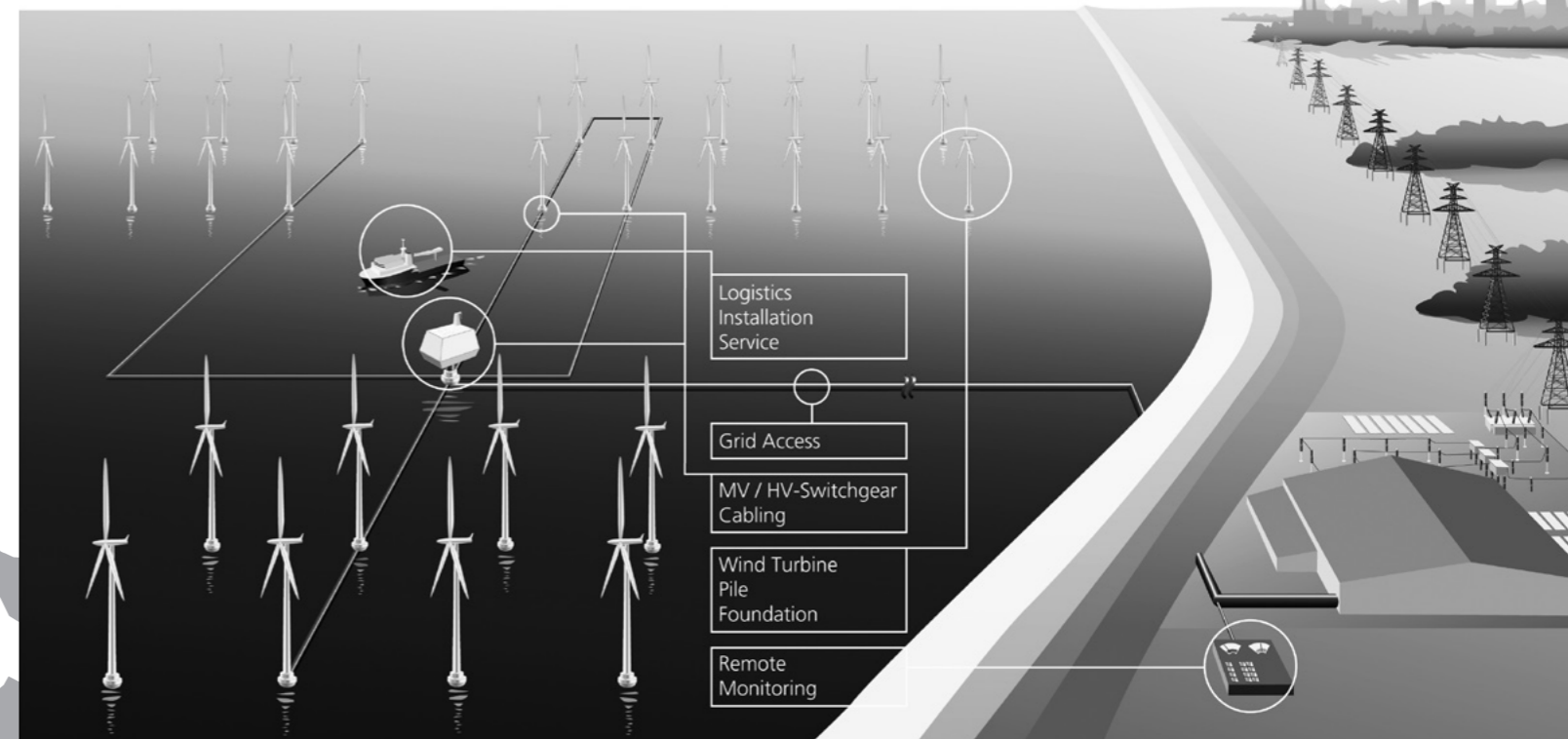
Aside from further development on land through new projects and repowering, the future of the wind power sector lies especially in realizing the large number of planned offshore wind farm projects. The German Federal Government has set objective within its framework of environment policies, to have approximately 25,000 MW of offshore wind power installed by the year 2025/2030. In this scope, **the State of Mecklenburg-Vorpommern** together with associated companies has set the course through pioneering work. Up to fourteen offshore wind farms are currently planned off the coast, which will achieve individual ratings of up to 400 MW. The offshore wind power plants will be installed in water up to 42 meters deep. Competent partners with valuable know-how are in demand here.

The WIND ENERGY Network Rostock, coordinated by Rostock Business, the economic development agency of the Hanseatic City of Rostock, is an alliance of wind power companies and supports the further development of the wind power branch in Rostock and MV. In close joint cooperation, all participants have been able to set milestones in recent years and have driven the development in the offshore wind power growth market forward.

As a result, the first German offshore wind power plant **Breitling** was constructed in the sea port of Rostock in 2006. Companies can gain important experience there for the „jump into sea“. The research and measurement platform **FINO 2**, installed in the western Baltic Sea at the **Kriegers Flak** site in 2007, combines meteorological, ecological and traffic-technical measurement, data and analysis programs for the exploration of a harmonious integration of wind power systems in offshore regions.

The first German offshore wind power farm in the Baltic Sea called **Baltic 1** will become reality as early as 2010. 21 wind turbines with an overall generating capacity of 50 MW of power will be installed and around 57,000 households will be supplied by electricity from wind energy. In combination with the construction of the Kriegers Flak offshore wind farm planned for 2011 with an additional 80 wind turbines, approximately €1 billion will be invested in total.

COMPETENCE NETWORK WIND ENERGY – GENERATING POWER ON- AND OFFSHORE



Regional industrial companies have already invested heavily in increasing their capacities in order **to supply global markets** with their products in the future.

- **Nordex** – investment of €86 million in the doubling of its production capacities for the production of turbines and rotor blades at their Rostock site
- **EEW Special Pipe Constructions GmbH** – investment of €44 million in the construction of large-scale pipeworks for the production of foundations and towers (pipe fabrication, wall thickness up to 120 mm, pipe diameter up to 7 m, pipe length up to 100 m)
- **DMR Mechanische Werkstaetten GmbH / RMT Maschinenbau GmbH group** – investment of €22 million in their plant expansion for the production and processing of components for turbines and large, heavy-duty gearing
- **e.n.o. energy windpower GmbH** – investment of €5 million in setting up their own production plant for the construction of 2 MW wind turbines in Rostock; Sold one project portfolio of 6 wind farms with a volume of €50 million to a financial consortium
- **LIEBHERR** – further extension of their offshore business segment: construction of the world's largest offshore crane in Rostock (load of up to 2000 t)
- **Rostock Port** – investment in infrastructure e.g. track renewal, construction of a heavy-loading quay for the improvement of logistics, transportation and loading processes for companies in the wind power sector

The positive development of the wind power sector in the Hanseatic City of Rostock and in the State of Mecklenburg-Vorpommern will also be actively supported in the future by the WIND ENERGY Network Rostock and its partners. We invite you to MV. Have a taste and let us convince you of the region's advantages and of business opportunities available in the northeast of Germany. **Dock here!**