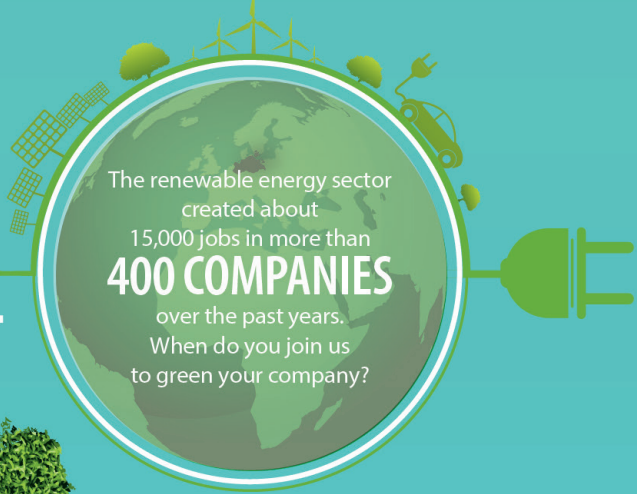




LET'S POWER THE FUTURE

THE FUTURE OF RENEWABLE ENERGIES
IS WRITTEN IN MECKLENBURG-VORPOMMERN.
WHEN ARE YOU GOING TO JOIN?

FULL POWER TOWARDS FUTURE IN MECKLENBURG- VORPOMMERN



The renewable energy sector created about 15,000 jobs in more than **400 COMPANIES** over the past years. When do you join us to green your company?

GOING GREEN IN MV

We combine industrial areas with green energy to decarbonise industrial production. Mecklenburg-Vorpommern's power and heat from regenerative sources offer benefits for energy-intensive productions.



» Unmatched in Germany: Each year we produce double the energy we use ourselves – for a 100% sustained value chain from the idea to the final product.

» WE FILL OUR TANKS WITH FRESH AIR

Stralsund managed to convert wind energy into renewable, regenerative methanol without a complex buffer storage – a breakthrough in storing untapped wind power. Methanol can already be used today as a clean fuel additive for direct combustion in engines.

**A MILESTONE FOR
THE CO₂-NEUTRAL INDUSTRY.**



Carlo Schmidt,
Managing Director of
WIND-projekt GmbH

“We need to develop and apply storage technologies to meet electricity demands completely from renewable energies and for integrated energy. Therefore, the hydrogen plant in Grapzow near Altentreptow (www.rh2-wka.de) is a trend-setting innovation project that has stably produced “green hydrogen” already since 2013 as one of the first projects in Germany.”

THE REQUIRED ENERGY SUPPLY FOR YOUR LOCATION

- WELL-TRAINED AND HIGHLY MOTIVATED WORKFORCE ✓
- WE TAKE CARE OF YOUR INVESTMENT ✓
- CROSS-SECTOR TECHNOLOGY DEVELOPMENT ✓
- ENERGY SECURITY ✓
- ACTIVE SUPPORT WITH EU CALLS ✓

FROM PRODUCTION TO REMOVAL

Mecklenburg-Vorpommern establishes a regenerative system that allows for both production and dismantling of wind turbines and for the reuse of resources.

TURN TO THE LEFT
FOR A CHANGE OF
PERSPECTIVE
AND THINKING!

LEADING BY EXAMPLE MECKLENBURG-VORPOMMERN – THE GREEN BLUEPRINT FOR CLEAN ENERGY

H₂ H2 HUB AT THE GERMAN BALTIC SEA COAST

Hydrogen is to be
imported and produced
in the port of Rostock.

» "WIND, SUN AND WATER, THE RESOURCES OF THE FUTURE ARE AVAILABLE IN MV AND THEY ALREADY MAKE A MAJOR CONTRIBUTION TO THE ENERGY TRANSITION. The University of Applied Sciences Stralsund has done research and development in the field of renewable energies since the early 1990ies. When it comes to hydrogen, we are national leaders. We expand energy transition ideas with our commitment in the Campfire ammonia project and in the federal HyExpert programme."

Prof. Dr. Johannes Gulden
Institute for Regenerative Energy Systems,
University of Applied Sciences Stralsund

» Stralsund was appointed "HyExpert" by the federal government and receives support in creating a local hydrogen industry.

» Europe's first and largest commercial battery farm to balance power supply fluctuations.

IF YOU
GREEN IT
YOU CAN
DO IT

SCHWERIN

WISMAR

» HyStarter

LÜBESSE

» Energy Village Lübesse: Wind power from the company's own plants is used to supply the village and industrial estate with self-sufficient electricity and heat, and renewable liquefied natural gas (LNG) is also produced for the transport sector.

ROSTOCK



ROSTOCK-LAAGE

GÜSTROW

» Pipeline constructor and operator Gascade and partners will construct a hydrogen pipeline between Rostock and Guestrow and to convert an existing natural gas pipeline to transport hydrogen to Berlin, Brandenburg, and Saxony.

» Apex Energy's supplies to an automotive supplier are carbon-neutral as of today.

STRALSUND

GREIFSWALD

NEUBRANDENBURG

» HyStarter

TURN TO THE LEFT
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AND THINKING!

LEADING BY EXAMPLE MECKLENBURG-VORPOMMERN – THE GREEN BLUEPRINT FOR CLEAN ENERGY

IF YOU
GREEN IT
YOU CAN
DO IT

HARVESTING WIND, SOWING POWER.
National test field will be installed off the coast of Rostock. Turbines reaching a height of up to 300m produce the electricity for the port of Rostock.

Ibrahim Özarslan,
CEO Division Europe Nordex Group



“NORDEX IS BASED IN ROSTOCK SINCE 1999 WITH ITS WIND TURBINE MANUFACTURING PLANT.

At this lead plant - our world's largest plant for the production of nacelles - we manufacture our turbines for projects in Europe. As we feel very comfortable with loads of orders, we currently expand our operation in Rostock and thus strengthen the plant within our corporation. Through short access to Rostock's port we can efficiently ship our products on waterways as well as through the efficient highway network that is easily accessible.”

» IPCEI

IPCEI means IMPORTANT PROJECTS OF COMMON EUROPEAN INTEREST. This is an important transnational projects of joint European interest that makes a major contribution to growth, employment, and competitiveness of the European industry and economy through state funding.

» ROSTOCK

Enertrag plans to start large-scale production of green hydrogen at a total capacity of about 210 megawatts at four electrolyzer locations. Construction of a 55-megawatt electrolyzer including an H₂ service station is scheduled for Rostock South.

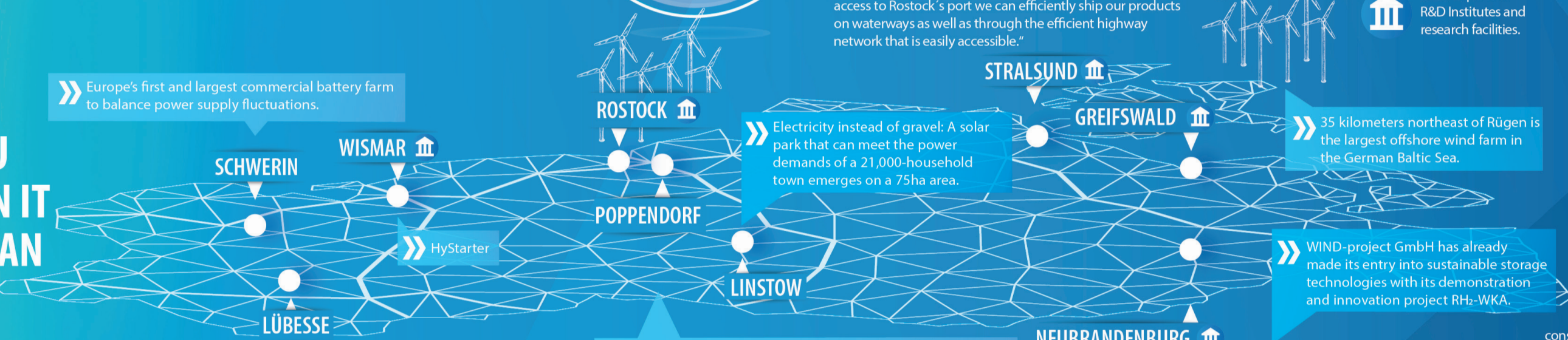
» GREEN BUSINESS PARKS

Certified and fully developed GREEN business parks and industrial areas of up to 300ha (from 10.00€/m² on) meet criteria like e.g. regenerative energy production and supply and increased energy and area efficiencies for an environmentally conscious production.



Local expertise:
R&D Institutes and research facilities.

» Europe's first and largest commercial battery farm to balance power supply fluctuations.



» Electricity instead of gravel: A solar park that can meet the power demands of a 21,000-household town emerges on a 75ha area.

» 35 kilometers northeast of Rügen is the largest offshore wind farm in the German Baltic Sea.

» WIND-project GmbH has already made its entry into sustainable storage technologies with its demonstration and innovation project RH₂-WKA.

» Energy Village Lübesse: Wind power from the company's own plants is used to supply the village and industrial estate with self-sufficient electricity and heat, and renewable liquefied natural gas (LNG) is also produced for the transport sector.

» Hydrogen Research Factory in Poppendorf – in collaboration with the Leibniz Institute for Catalysis Rostock, the Fraunhofer Institute for Large Structures in Production Engineering and the Leibniz Institute for Plasma Science and Technology to push further hydrogen commercialisation.

» HyStarter



Iris Stempfle,
Managing Director
Iberdrola Renovables
Deutschland GmbH

“WE THINK ENERGY TRANSITION AHEAD.

Our activities in Mecklenburg-Vorpommern are already an impressive contribution to a sustainable energy supply of the state. We facilitate the upgrading of our region to the green industrial location of Germany by consistently using renewable energies and strengthening local value chains. Iberdrola has constantly invested in renewable energies since the turn of the millennium and will contribute to make the energy transition a success in the future. To achieve this, we rely on offshore wind power and also on onshore wind and PV. We wish to test innovative technologies all around green hydrogen and use them effectively here.”



FULL SERVICE

FULL SERVICE FROM THE INITIAL IDEA TO THE FINAL INVESTMENT

- ✓ COMPILATION OF PROPERTIES OR COMMERCIAL PREMISES
- ✓ LOCATION OFFERS AND INSPECTION TOURS
- ✓ NEGOTIATION AND PRESENTATION IN ADMINISTRATION AND INSTITUTIONS
- ✓ ESTABLISHING CONTACTS TO COOPERATION AND BUSINESS PARTNERS
- ✓ CONTACTS TO EXISTING NETWORKS
- ✓ HELP WITH THE ACQUISITION OF FUNDS FROM MECKLENBURG-VORPOMMERN, THE FEDERAL AUTHORITIES AND THE EU
- ✓ SUPPORT WITH THE SEARCH FOR SUITABLE EMPLOYEES
- ✓ SUPPORT WITH PRESS ACTIVITIES

» ALL SERVICES ARE FREE OF CHARGE.

“
With our broad knowledge, well-established networks, and many years of experience, the state economic development agency Invest in MV supports investors in the implementation of their plans from the very beginning. We put you in contact with banks and companies in our state, as well as the relevant government authorities and agencies. We assist companies from the selection to the opening of sites.”

ULF RIEDEL | TEAM LEADER

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Best of Northern Germany