

# ONE ENERGY AHEAD





## Dear readers,

It all started over 30 years ago. Jörg Müller, a nuclear power plant and power station construction engineer, first started operating his own wind turbine in Germany's Uckermark region. And at a time when hardly anybody could have predicted the key role that wind- and solar-powered electricity would play in our energy mix today. The upshot is a success story for people all over the world.

Back in 1992, Jörg Müller and his team foresaw that renewables would be indispensable to the world's future energy supply. This vision has never been as trailblazing and essential as it is today. Current energy prices, the finite nature of fossil fuels and the electricity supply's dependence on foreign countries make the urgency of this issue crystal clear. In other words, we need renewables – and we need them now.

At ENERTRAG, we're pulling out all the stops to achieve this objective. And that goes for wind power, solar power and green hydrogen generation. Across the globe, only very few energy companies have expertise that can rival ENERTRAG's. As a pioneer of the integrated power plant, we can fully replace fossil-fuel power stations.

Our team has now grown to over 1,000 colleagues. In Europe, Africa, South America, and Asia, they are passionate about making the energy transition reality. Together we pull off projects in the gigawatt range. Our pioneering spirit, expertise and commitment empower us to do so. Which is why I'd like to thank the ENERTRAG family spread over four continents. I'm delighted to lead us on the journey down this path. Sustainably generated renewables. So that Earth remains a place worth living in.

Yours



**Dr Gunar Hering**  
Chairman of the ENERTRAG SE board

# ENERGY-TRANSITION SOLUTIONS

## Your renewables partner along the value chain

ENERTRAG provides all renewable energy services. We efficiently combine power, heat, and mobility in all areas of life. As an energy company with annual production of over 1.7 terawatt hours and over 1,200 of our own wind turbines plus service network, we know exactly what our customers want. Over one thousand people with over two decades of domestic and international experience work for us. They have all the skills

required for community-driven planning, reliable construction, operation and efficient maintenance of energy installations, grids, or entire integrated power plants. We're always one energy ahead – whether it's a question of sector coupling, software development, investment models, or on-demand nighttime warning lights.



# 945

megawatts of wind, solar and biogas in our own portfolio



# > 1,000

employees



# > 3

billion euros of equity and borrowed capital for renewable energy investments

# 1,800

megawatts of power for all turbines constructed



# > 6.9

gigawatts of renewable power connected to the Powersystem software



# > 1.7

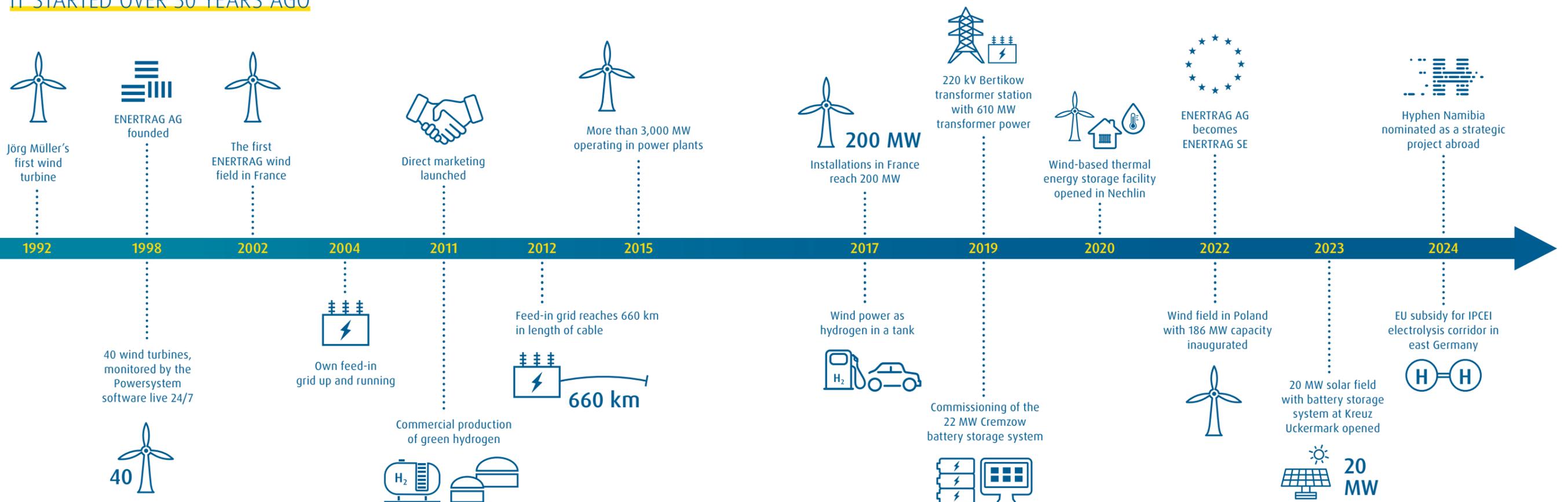
terawatt hours of annual electricity production in our own portfolio



# > 450

million euros annual revenues from the sale of electricity and from projects and services

## IT STARTED OVER 30 YEARS AGO



# THE RIGHT PARTNER FOR RENEWABLES



# INTEGRATED ENERGY SERVICES

Along the whole value chain



## GOOD PLANNING'S THE KEY

We successfully plan visionary projects with a focus on local people.  
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## LET YOUR DATA SPEAK

We use Powersystem for superior linking, monitoring and control of renewable energy installations.  
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## VIRTUALLY AUTOMATIC

We guarantee that renewable energy installations operate reliably and successfully.  
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## THE WAY FORWARD

We maintain wind turbines reliably and solve problems quickly and easily.  
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## SMART AVIATION LIGHTS

We equip wind turbines with aviation lights to warn aircraft.  
/ page 18



## ENERGY IS AN ASSET

We offer worthwhile and sustainable investments and commercial operations management.  
/ page 20



## GOOD PLANNING'S THE KEY

ENERTRAG PROVIDES ALL THE SERVICES RENEWABLES REQUIRE. AS AN INDEPENDENT ENERGY COMPANY, WE GENERATE ELECTRICITY AND HEAT SOLELY FROM RENEWABLES. WE SUPPLY SAFE AND AFFORDABLE RENEWABLE ENERGY FOR ALL AREAS OF LIFE AND BEYOND. SO THAT THE WORLD REMAINS A PLACE WORTH LIVING IN.

ENERTRAG has been working on energy-transition solutions for over 25 years. It has the skill set required to construct and operate wind power and photovoltaic installations.

**PLANNING, IMPLEMENTATION AND OPERATING SKILLS:** we're experienced project developers, operators and technical innovators with more than 800 turbines installed. As a result, we have in-depth expertise and years of experience along the value chain of wind power and photovoltaic projects. Landowners, communities and project partners can count on us. We also combine wind and solar power with

green hydrogen and innovative technologies. As a result, affordable and dependable electricity, gas and heat are available for transportation and industrial processes, or households.

**ENCOURAGING ACCEPTANCE:** in addition to comprehensive technical, commercial, and legal expertise, regional knowledge is also pivotal to success. As a project partner, we also believe that boosting local acceptance is crucial (see page 33, CSR projects).

**WE NEED THE ENERGY TRANSITION NOW**  
We're convinced that wind and solar power from integrated power plants can guarantee a fully-fledged power supply. As an operator of power plants solely from renewables, we know what matters. By harnessing our skills and innovative capacity, we can continue on our crusade for the energy transition and a stable energy supply. Together. Passionately. One energy ahead.

### SUCCESSFUL PROJECTS REQUIRE TEAMWORK

- / Identifying, evaluating and securing sites for wind power and photovoltaic projects
- / Conducting permit and planning procedures
- / Taking on development risks
- / Providing nature conservation and emission protection solutions
- / Constructing wind turbines and photovoltaic installations
- / Providing customised project financing and purchasing of installations
- / Offering tailored collaborative and investment options
- / Delivering services for direct marketing and the energy balancing market



#### REPOWERING

Repowering is when modern wind turbines with greater capacity replace old ones. This leads to new, extra value creation at the site and a greater energy yield.

At ENERTRAG, thanks to a wealth of experience with project development and our comprehensive package (consisting of our control room, inspection body and service), we can provide advice on and manage complex scenarios, such as repowering, or partial repowering.



To find out more, go to [projekte.enertrag.com](https://projekte.enertrag.com)

# VIRTUALLY AUTOMATIC

THE ENERTRAG OPERATION SOLUTION MEANS YOUR INSTALLATIONS WILL BE EFFICIENT IN FUTURE TOO.

## TECHNICAL OPERATIONS MANAGEMENT

for areas such as:

- Wind power
- Photovoltaics
- Hydrogen
- Transformer stations
- Battery storage systems
- Biogas
- Power-2-X

/ Risk assessments

Our control rooms conduct real-time monitoring of installations that generate renewables. They also respond to incidents immediately, 95% of which are dealt with in just a few minutes. Thanks to the VERA robot control centre, you also benefit from response times way below those agreed by contract.

## QUALITY-INSPECTED INSTALLATIONS

/ A wide range of services provided by renowned partners:

- BWT Bavnick Wind Technik GmbH
- Sulzer & Schmid Laboratories AG
- UL Solutions

/ Experts with extensive experience

/ Always close by thanks to locations across Europe

/ Customized solutions, priced to customers' needs

/ The accredited inspection body ensures superior quality-control standards



During wind farm inspections, drones have become indispensable to the accredited inspection body team at ENERTRAG Operation. They deliver a comprehensive package of high-resolution images of the rotor blade and tower, better health and safety and shorter downtime.

We're passionate about ensuring your installations deliver peak performance. We stand for seamless processes and transparent and comparable reporting. Our expertise means ongoing yield optimisation and targeted maintenance to ensure that your installations always perform superbly.

When it comes to inspections of renewable energy installations, we're the technical expert too. As a body with over 4,000 inspections annually, in terms of safety technology or operational management, our finger is always on the pulse. We monitor over 1,200 installations in real time in our state-of-the-art control rooms in Germany and France. For smooth and efficient operation, we use effective installation management.

So that you're on the safe side, our experts draw up reports and iron-clad risk assessments. At ENERTRAG Operation, we look after your renewable energy installations down to the last detail and you can focus on your day-to-day business.

## DIN EN ISO 17020 ACCREDITATION MEANS

**FIRST-CLASS QUALITY:** you can count on our expertise, corroborated by our DIN EN ISO 17020 accreditation for diverse inspection procedures. This accreditation guarantees superior quality and reliability. Our inspections are conducted by highly skilled people. In addition to the accredited procedures, these are based on established processes recognised by local government and insurance companies.

## CUTTING-EDGE DRONE-BASED TECHNOLOGY:

we use advanced technology to work on

your wind turbines and combine rotor blade inspection with lightning protection measurement in an efficient 2-in-1 process. The result? Shorter downtime, optimised yield and maximum operational capability, regardless of the turbine's size.

But that's not all! Since spring 2024, we've also been offering drone-based tower inspections – where we document every square centimetre by taking high-resolution photos.

What's more, your company's bottom line looks healthier too. Our new inspection solutions help your wind turbine keep turning. And as long as it's turning, you're making money. So why wait any longer? Discover what ENERTRAG Operation can do for you.

**Experience and expertise** from over 4,000 inspections annually, combined with a new focus on safety technology, add up to a comprehensive solution.



**SAFETY TECHNOLOGY:** safety is top priority – particularly in the case of wind turbines. Which is why annual safety inspections of certain components are essential. Prevention is better than cure. Our teams carry out the prescribed inspections and can offer comprehensive safety solutions. When it comes to safety standards, you can rely on us. We can inspect cranes, lifts and fixed ladders and replace fire extinguishers.

## OUR COMPREHENSIVE INSPECTIONS INCLUDE:

- Inspections after commissioning
- Inspections before guarantee expiry
- Periodic inspections
- Condition-based maintenance inspection
- Safety equipment inspections and inspections by approved monitoring bodies
- DGUV-V3 accident prevention checks
- Lifetime extension of wind turbines

»»» To find out more, go to [betrieb.enertrag.com](http://betrieb.enertrag.com)

# LET YOUR DATA SPEAK

SAVE TIME AND MONEY OPERATING RENEWABLE ENERGY INSTALLATIONS WITH OUR ENERTRAG POWERSYSTEM SOFTWARE

## ENERTRAG'S POWERSYSTEM OFFERS:

- / Technical operations management
- / Inspection app
- / Monitoring of mixed portfolios
- / Compliance monitoring
- / Monthly billing
- / Virtual Power Plant
- / Power control of grid connections

**CONSISTENT:** the ENERTRAG Powersystem is our solution for monitoring and optimizing renewable energy installations. Operators, technical managers, asset managers and aggregators use our software for analysis, billing, remote control, inspections and monitoring.

**MATURE:** the market had no way of matching these complex needs back in 1999. Our solution? We decided to develop the software ourselves. Since then, over 50 of our experts have been releasing an improved version of our software every single month. And our customers benefit from over two decades of experience.



over  
**>>> 50**  
IT specialists

**>>> 6.9**  
GW  
connected

## ALL IN ONE SYSTEM:

- / Wind and solar
- / Optimizes operations
- / Up-to-date with statutory and market requirements
- / In development since 1999
- / Software department with ISO 9001:2015 and ISO/IEC 27001 certification
- / Suitable for operating critical infrastructure as specified in KritisV (German KRITIS Regulation)
- / 24/7 monitoring of data quality
- / Agile customer care

**UP-TO-DATE:** regulatory and market demands change frequently. At no extra cost, we adapt our Powersystem each month to meet new requirements.

**TIME-SAVING:** our software automates recurring processes, identifies undetected weak points, generates reports, and indicates where improvements could be made. It also reveals unnecessary losses and future risks.



**Keeping the wheels turning:** the ENERTRAG Service team conducts customised, reliable maintenance and servicing of wind turbines.



**Main component replacements:** the ENERTRAG Service team replaces main and yaw gears, rotor bearings and generators.



**Forgoing inspections can be disastrous:** it takes a non-destructive inspection to reveal a minute crack in the generator frame. Fluorescent magnetic particle powder and UV lamps do the job.

## THE WAY FORWARD

MAINTENANCE AND SERVICING OF WIND TURBINES – QUICKLY, EASILY, AND REGARDLESS OF THE MANUFACTURER. BY THE ENERTRAG SERVICE TEAM.

Seamless and profitable wind-turbine operation requires a highly qualified service partner to provide the customised support called for. Which is where the ENERTRAG Service team comes in. It tailors its offering to customer requirements.

**PREVENTING DOWNTIME:** with 16 service stations in Germany, as well as service points in France, Poland and South Africa, we ensure professional and full servicing of wind turbines.

**MAIN COMPONENT REPLACEMENTS, WORLDWIDE:** our team replaces main and yaw gears, rotor bearings and generators flexibly and safely around the globe.

**NON-DESTRUCTIVE MATERIAL TESTING:** ENERTRAG Service's certified welding department inspects, repairs, and replaces components, bolts and screws. As a result, components can be used again straight away. This saves our customers time and money. Expensive replacements, repeat visits or spare parts are unnecessary.

**TROUBLESHOOTING:** our remote data monitoring team keeps an eye on power plants 24/7. Our on-site service teams trouble shoot if necessary.

**SPARE PARTS PROVIDED EASILY:** ENERTRAG Service keeps numerous spare parts in stock. We quickly identify the requisite parts and ship them worldwide at fair prices.

**ECO-FRIENDLY DISMANTLING:** we dismantle disused turbines and recycle or dispose of the materials professionally.

**SAFETY FIRST:** when it comes to health and safety and environmental protection, our professional team leaves nothing to chance. They take part in frequent upskilling programmes. To highlight how seriously we take safety, our quality and environmental management systems have been certified multiple times.

### OUR SERVICES AT A GLANCE:

- / Remote data monitoring and troubleshooting 24/7
- / Flexible contracts
- / Main component replacements
- / Maintenance to manufacturers' specifications
- / Non-destructive material testing
- / Repairs requiring welding, DIN EN ISO 3834-2 certified
- / 16 service stations in Germany and service points in Europe
- / A well-stocked warehouse of spare parts and main components
- / Reliable and environmentally friendly dismantling
- / Reliable and professional HSE management
- / With the following certification: ISO 45001:2018, ISO 9001:2015, ISO 14001:2015

# SMART AVIATION LIGHTS

ENERTRAG SYSTEMTECHNIK AND DARK SKY® – HAND IN HAND FOR AVIATION LIGHTS AND ADLSs

To warn any pilots approaching, wind turbines 100 metres in height or greater must have aviation obstruction lighting. However, when wind turbines flash red at night (particularly in large wind fields), many local people find them irritating. This factor makes planning wind turbines and public acceptance of wind power harder.

**DARK SKIES ON DEMAND:** Dark Sky® offers intelligent solutions for Aircraft Detection Lighting Systems (ADLSs) on wind turbines. Once fitted, the turbines comply with section 9 of the German Renewable Energy Act. At the same time, the obstruction lighting is only triggered if an aircraft is within a specific radius and altitude. As a result, nocturnal light emissions are reduced substantially and the acceptance of wind turbines rises.



## DARK SKY® AIRCRAFT DETECTION LIGHTING SYSTEMS (ADLS)

- / Greater acceptance by local people and municipalities
- / Reliable planning in terms of German Renewable Energy Act regulations and permits
- / On-demand nighttime warning lights as an annual service
- / Purchasing models and options for resellers
- / Type approval by DFS Aviation Services
- / Radar or transponder based
- / ISO 9001:2015 certified



In addition to the proven primary radar systems, Dark Sky® uses the decentralised BNK2020 transponder solution. This solution is independent of the wind farm infrastructure and local parameters. It can be easily connected to any wind turbine's existing aviation lights. These services can be provided via various contract types, some of which also include the overhaul and maintenance of the warning lights and all permit issues.

**SMART LIGHTS:** controlling warning lights on wind turbines on demand requires the right technology. ENERTRAG Systemtechnik offers procandela®, a full product range of daytime and nighttime, LED lighting of between 10 to 20,000 candelas to warn aircraft of obstacles in its path. The portfolio also includes several solutions for marking obstacles with an invisible infrared light, which is mandatory for ADLSs in Germany. ENERTRAG Systemtechnik and Dark Sky's integrated TCL – Transponder Controlled Lighting system is the right solution if aviation lights and ADLSs are required following commissioning of new wind turbines.



## PROCANDELA® LIGHTING TECHNOLOGY FOR ANY APPLICATION

- / Integrated GPS and twilight sensors
- / Flexible connection and assembly options
- / High-quality components
- / Small, smart and robust
- / Can be activated on demand with a generic interface
- / Intelligent control and smart monitoring
- / ISO 9001:2015 certified and APQP4Wind compliant



**Obstacle lights for wind turbines:** our procandela series is a new generation of state-of-the-art warning light concepts. In-built electronics and sensors make any warning light system self sufficient.

**BNK 2020:** Dark Sky's transponder system is easy to connect to any wind turbine's existing aviation lights.



To find out more, go to  
[dark-sky.com](http://dark-sky.com)  
[procandela.com](http://procandela.com)



## ENERGY IS AN ASSET

MORE AND MORE PEOPLE ARE CHOOSING RENEWABLE ENERGY AS A WORTHWHILE AND SUSTAINABLE FINANCIAL INVESTMENT. ENERTRAG SPECIALISES IN INVESTMENT OPPORTUNITIES FOR PRIVATE INDIVIDUALS AND FOUNDATIONS. AS A RESULT, INVESTORS CAN PRESS AHEAD WITH PROFESSIONAL PROJECTS VIA CORPORATE BONDS AND FOSTER INNOVATIVE IDEAS. OR THEY CAN IMPLEMENT SPECIFIC ENERGY PROJECTS AND REAP THE BENEFITS.

For people seeking to invest in and shape the energy supply of the future, we've been a dependable partner for 25 years. Investments in planning, power plant components and operating energy installations are necessary to develop new projects and make sustainable energy supplies reality.

ENERTRAG began designing and brokering capital investments in closed-end funds and interest-bearing products in the form of traditional corporate bonds and participation rights back in 1998. ENERTRAG has

already raised and managed over 350 million euros in investor capital in total.

Any decision to invest in ENERTRAG financial products is governed by qualified information from reliable sources. To furnish you with all the information, our products are designed and brokered to our investors primarily by in-house experts.



INVESTMENTS IN ENERTRAG DON'T STOP WHEN THE MONEY IS TRANSFERRED. COMMISSIONING OF A NEW WIND TURBINE IS THE START OF A LONG OPERATING CYCLE.

A wide range of information on our energy installations from planning, technical operation, contracts, statutory regulations, and official requirements is channelled to our ENERTRAG Invest division. This information is analysed, structured, and implemented as required.

Making good business decisions requires steadfast, well-organised and proactive commercial management, both of individual energy installations and at ENERTRAG as a whole.

In addition to projects for over 12,000 private investors, foundations, and insti-

tutional investors, we provide commercial business management for over 100 wind-power, photovoltaic and biogas companies.

We're also in daily contact with our investors and banks. We use what we learn from them to develop new energy projects and create new opportunities for our investors.

ENERTRAG Invest has the long-standing expertise in renewables investments to look after its customers effectively.

Left: Nadrensee wind field, near to the Uckermark region, Germany

Top: Photovoltaic farm at Kreuz Uckermark, Germany

# ENERTRAG MAKES GREEN HYDROGEN POSSIBLE



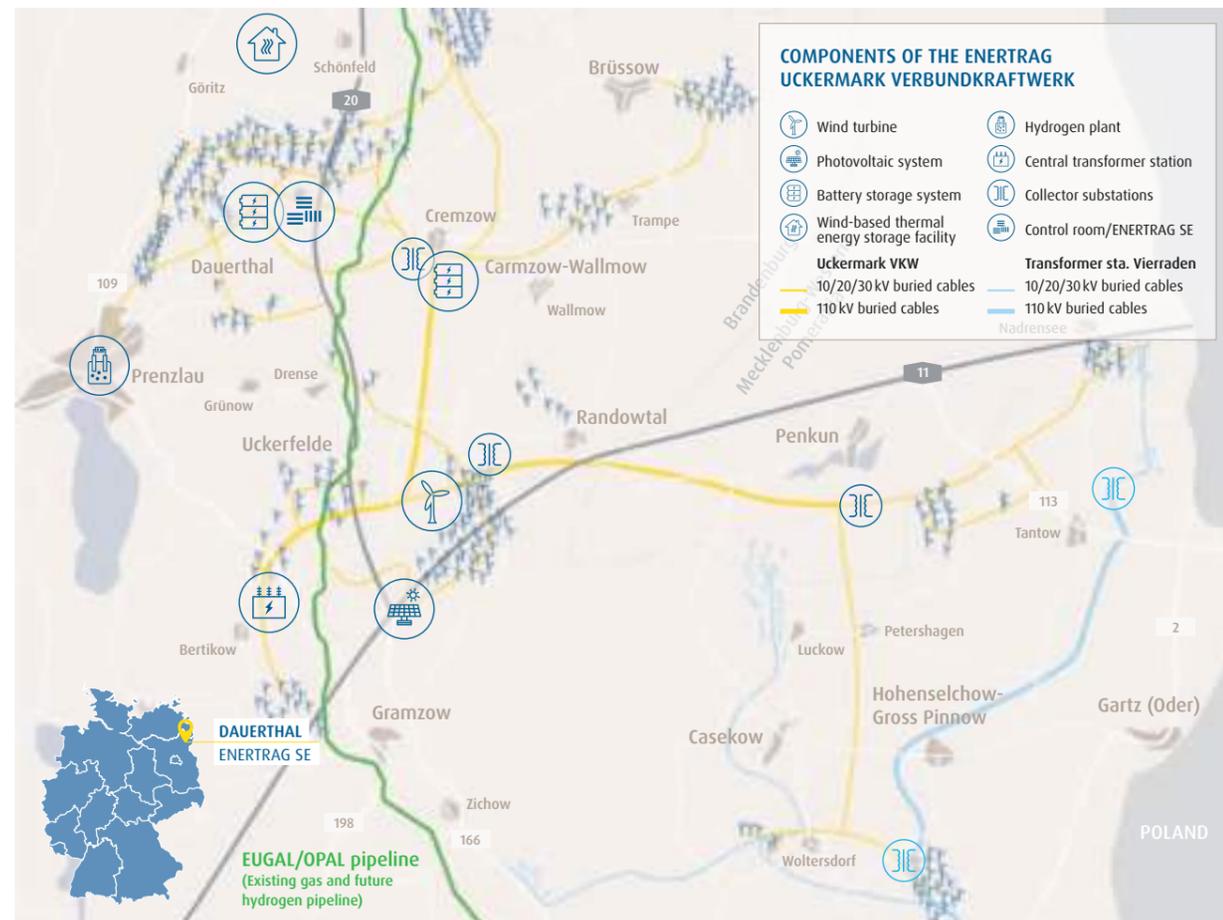
# DEMAND-DRIVEN, PREDICTABLE, RENEWABLE ENERGY

THE ENERTRAG INTEGRATED POWER PLANT DOES EXACTLY WHAT CONVENTIONAL POWER PLANTS DO. JUST USING SUSTAINABLE SOURCES.

**REPLACING CONVENTIONAL POWER PLANTS COMPLETELY:** ENERTRAG's Uckermark Verbundkraftwerk generates wind-based and solar electricity, green hydrogen, and heat. Hydrogen reconversion and battery storage systems also stabilise the electricity grid. This combination enables ENERTRAG to supply renewable energy predictably and in line with demand. As a result, the Verbundkraftwerk can fully replace conventional power plants, making it the blueprint for carbon-free power stations.

**ENERGY LOCALLY AND RELIABLY FOR EUROPE:** we feed electricity generated in the Uckermark Verbundkraftwerk directly into the synchronous grid of Continental Europe. The hydrogen is sent to the public hydrogen grid and, in turn, supplies areas and buildings in the region. Coupling electricity from wind and solar power with green hydrogen enables the provision of predictable power in the gigawatt range. The Verbundkraftwerk provides all the key system functions required to do so and guarantees grid stability.

## UCKERMARK VERBUNDKRAFTWERK

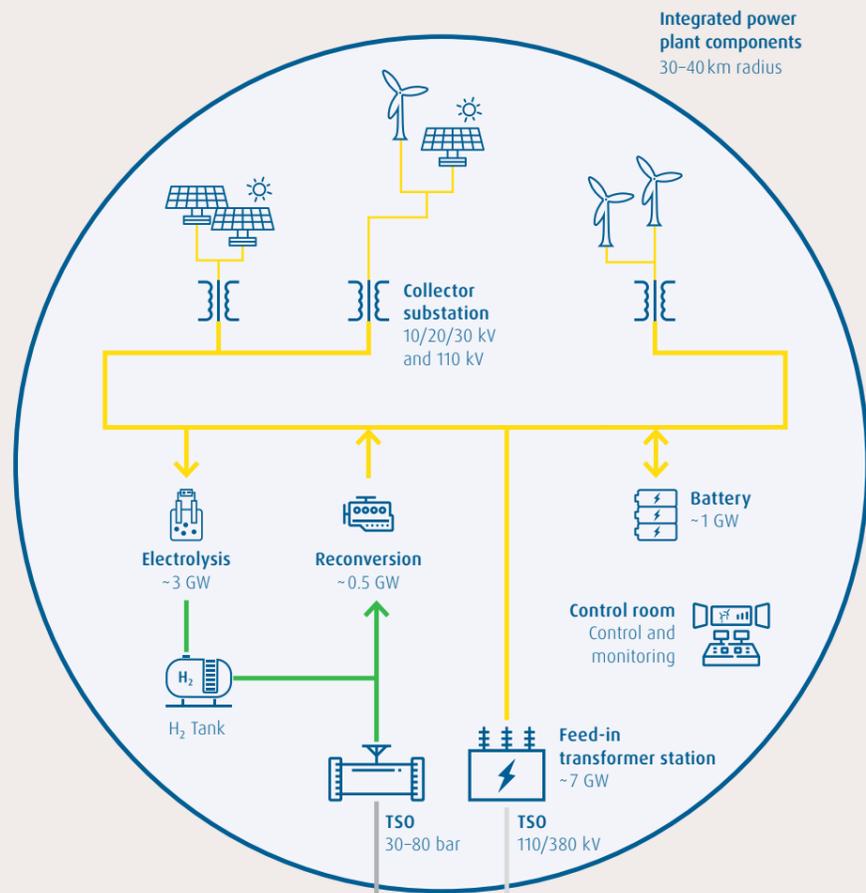


From left to right (top): General Electric (GE) wind turbine 5.5/158/5500 (Falkenwalde wind field), photovoltaic installation Kreuz Uckermark  
Centre: Wittenhof alkaline electrolyser (AEL), Dauerthal control room, Cremzow battery storage system  
Bottom: Nechlin wind-based thermal energy storage facility, Bertikow transformer station

**A GLOBAL PIONEER SUPPLYING FOSSIL-FREE ENERGY:** since the first wind farm in 1998 and the construction of the world's first hybrid power plant in Uckermark in 2011, ENERTRAG has gained valuable experience in supplying energy from renewables dependably. An integrated power plant is possible the world over, so countries and regions worldwide are already reaping the benefits.

»»» “We produce renewable energy sustainably  
TO KEEP THE WORLD A PLACE WORTH LIVING IN.”

FOCUS ON H<sub>2</sub> AND ELECTRICITY



TSO owned  
380 kV overhead line  
200-300 gas pipeline

ENERTRAG owned  
10/20/30 and 110 kV cable

ENERTRAG owned  
H<sub>2</sub> pipeline

**Primary energy:** the integrated power plant generates huge quantities of sustainable primary energy from the wind and sun. Day and night. **Storage:** excess power is stored, e.g. in batteries and as green hydrogen with the aid of an electrolyser, or in wind-based thermal energy storage facilities. **Feed-in:** electricity is fed into the grid. Via one single connection point. It will also be possible to feed in hydrogen to the future hydrogen grid. Due to reversion, it also helps keep the grid stable. **Usage:** households and industry use electrical primary energy and heat from local heat extraction from surplus electricity.



## THE ENERGY TRANSITION IS MORE THAN JUST RENEWABLE ELECTRICITY

ENERTRAG IS MAKING THE ENERGY TRANSITION A REALITY. WE'RE YOUR PARTNER FOR SUSTAINABLE AND RELIABLE ENERGY SUPPLIES IN THE AREAS OF HEAT, TRANSPORTATION AND THE INDUSTRIAL SECTOR.

**REPLACING FOSSIL FUELS AFFORDABLY:** when we got our first wind turbine up and running over 30 years ago, our goal was to provide a secure, sustainable supply of energy. From the outset, we realised that we had enough renewable energy sources, wind and solar power, to replace fossil fuels cost efficiently.

Today, almost 60 percent of Germany's electricity mix consists of renewables. However, the electricity sector only accounts for about one third of Germany's primary energy requirements. The other two thirds are chiefly required for transportation (road and air traffic), for heating and industrial processes. As power is criti-

cal to these sectors, even when there's insufficient wind or sun to meet demand, we need storage systems.

**PRODUCTION OF GREEN HYDROGEN SINCE 2008:** we grappled with this issue early on - we started generating green hydrogen back in 2008 and using wind-based thermal energy storage facilities in 2020. By storing electricity not immediately required, we can also take fluctuating quantities of renewable energy generation out of the grid. At the same time, we can feed it to other areas. It's the energy system of tomorrow but available today.

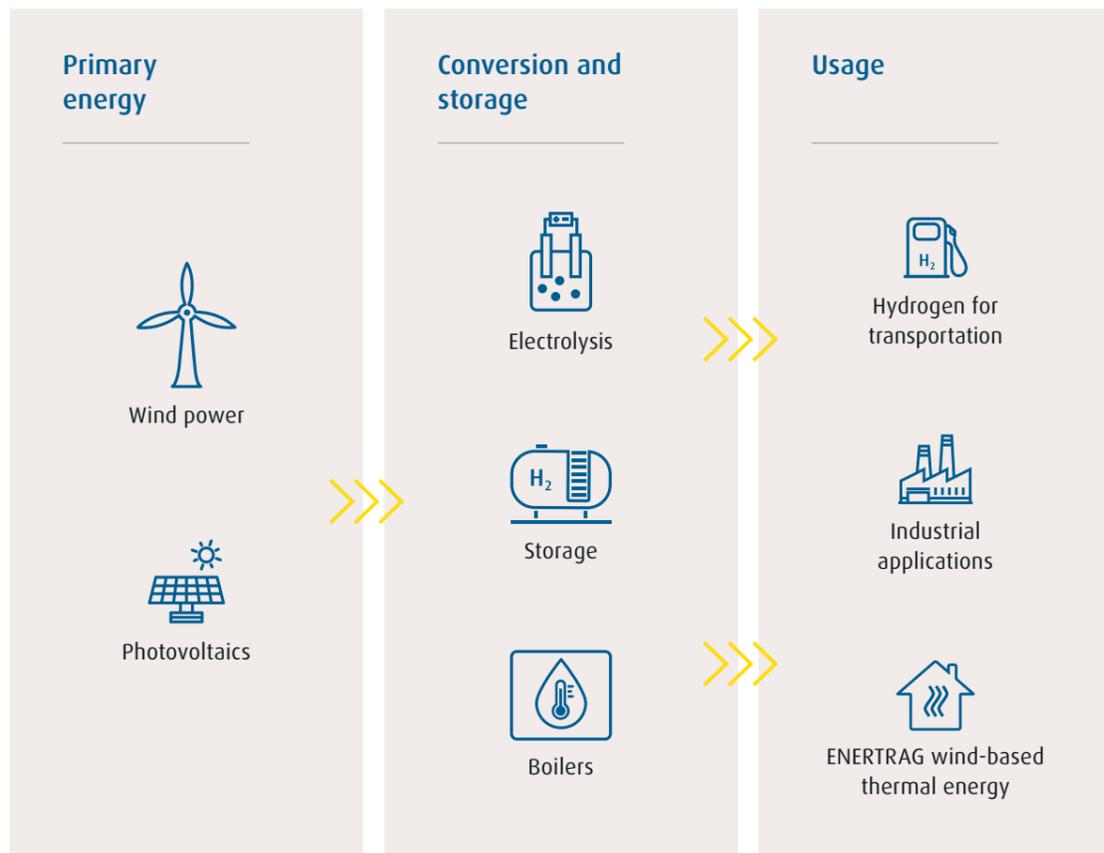
**HOW TO TURN THE ELECTRICITY TRANSITION INTO AN ENERGY TRANSITION:** the answer lies in sector coupling directly at or near the power generating facilities. In other words, converting renewable energy into energy that can be stored. Storage facilities keep any excess energy for use in other sectors. The Uckermark Verbundkraftwerk, which was built by ENERTRAG and generates electricity, green hydrogen, and heat, is the first step in this process. Consequently, we can deliver a predictable, demand-driven supply of energy, which only conventional power plants have been capable of to date.

**AN INTEGRATED APPROACH:** at ENERTRAG, we've developed energy solutions for all sectors over the past few years. Therefore, we can use surplus wind power to heat buildings, hydrogen from renewables to decarbonise road, rail, air and shipping traffic, or supply clean chemical products and green hydrogen to industry.

ENERTRAG CARRIES OUT PTX PROJECTS WORLDWIDE



TO FIND OUT MORE ABOUT OUR PROJECTS IN EUROPE, AFRICA, AND SOUTH AMERICA VISIT [WWW.ENERTRAG.COM](http://WWW.ENERTRAG.COM)



# GREEN HYDROGEN FOR THE ENERGY TRANSITION

WE SUPPLY GREEN HYDROGEN FOR TRANSPORTATION AND INDUSTRIAL APPLICATIONS AND DECARBONISE CARBON-INTENSIVE INDUSTRIES. TO ACHIEVE THE CLIMATE AND ENVIRONMENTAL PROTECTION GOALS, WE WANT TO CREATE A SUSTAINABLE HYDROGEN ECONOMY AT A HIGH DEGREE OF LOCAL VALUE CREATION.



**HYDROGEN MOBILITY:**

We've been generating green hydrogen for over ten years and operate our own hydrogen filling station at our Uckermark integrated power plant. From 2024/25, we'll also be supplying a regional railway to the north of Berlin with locally generated green hydrogen.

**HYDROGEN FOR INDUSTRY:**

ENERTRAG develops hydrogen projects for all sectors of industry. It also offers tailored solutions for hard-to-abate sectors, in other words, those that are exceptionally difficult to decarbonise. For instance, green hydrogen doesn't just enable manufacture of climate-neutral steel, it can also be used in refineries, or turned into high-quality, climate-neutral derivatives like e-kerosene for aviation, green ammonium, or e-methanol.



**HYDROGEN DELIVERY:**

ENERTRAG offers tailored logistics and transport solutions for green hydrogen. Since 2014, ENERTRAG has been feeding in one GWh of green hydrogen into Ontras's natural gas network annually. It uses the existing infrastructure to deliver green hydrogen safely and reliably to gas customers. As a result, ENERTRAG reduces dependence on natural gas imports, and counteracts the rising prices of fossil fuels.



ACCEPTANCE OF RENEWABLES  
IS THE KEY TO A SUSTAINABLE  
ENERGY TRANSITION.  
**SO THAT TOMORROW'S WORLD'S  
A BRIGHTER ONE.**

## TAKING RESPONSIBILITY FOR ACCEPTANCE

Outreach by ENERTRAG

Gaining acceptance of our projects by the general public is pivotal to everything we do. To develop a coordinated approach, we engage with all those involved in a project at an early stage. For instance, we talk to property owners, farmers, local authorities, politicians, communities, and local people in good time. To guarantee project success and precisely because of the ever-growing challenges, a consensus is required. A factor that applies to planning processes and other associated activities we engage in.

We work closely with local councils to present planning concepts and, if required, to discuss land-use planning. We take steps to minimise noise, support clubs through sponsoring contracts, carry out needs-based compensatory measures and invest profits from our installations in public service projects. What's more, communities in the Uckermark region, where ENERTRAG has built wind turbines, also benefit from the wind power bonus.

# LOCAL, SUSTAINABLE INVOLVEMENT

EMBRACING A SUSTAINABLE FUTURE – OUTREACH IN OUR PROJECT REGIONS

**HELPING LOCAL PEOPLE:** ENERTRAG actively facilitates regional-development support and encourages the use of renewables. Our business has local roots. At each site, we focus on establishing business partnerships and getting people on board with renewables. As a result, we complement our green energy and heat projects with multiple programmes to improve people's lives, nature and to press ahead with the energy transition.

The key question we ask is how we can inspire local people to get involved with the energy transition.

In addition to our own ideas and projects, we welcome any information about promotions and initiatives that really help to save our planet. In terms of funding, any decision is based on our corporate values: Together. Passionately. One energy ahead.

There are plenty of examples that demonstrate the diverse ways we help communities. For instance, there's the annual tree planting in conjunction with the borough of Uckerland and Werbelow primary school, the organisation of a film evening with Uckermark's mobile cinema, or the sponsoring of various associations and initiatives.

When we construct wind turbines, our compensatory measures go that extra mile. Our goal is to take steps that exceed the minimum statutory requirements. We want to make the landscape even more attractive and create added value in ecological terms. We very much welcome the involvement of local government and residents. By taking this approach, we can make certain that regional development and climate protection go hand in hand.

## OUR CSR VALUES

### / TOGETHER

We take action in rural regions where ENERTRAG generates energy

### / PASSIONATELY

Our whole approach is climate friendly and towards achieving the energy transition. We also help level the playing field to ensure the energy transition comes about

### / ONE ENERGY AHEAD

We foster young talents to become involved in the energy transition

## >>> SOME OF OUR PROJECTS



### TREE PLANTING

ENERTRAG sponsors the annual tree planting at Werbelow primary school in the borough of Uckerland.



### MOBILE CINEMA

Film fans can enjoy the Uckermark mobile cinema under the stars on the ENERTRAG Dauerthal site.



### REFRESHMENT STATION

The Hill Marathon is one of the Uckermark region's biggest sports events. Participants can recharge their batteries with drinks and snacks at the ENERTRAG refreshment station.



### SPONSORING

To help young and talented sports fans and clubs, ENERTRAG sponsors the Uckermark-based FSV Rot-Weiss Prenzlau e. V. Club's indoor soccer cup.



### VISITS

ENERTRAG boosts acceptance of its installations by talking to local residents. For instance, it offers visits to the Uckermark Verbundkraftwerk.



### NEW KAYAKS

ENERTRAG has provided new kayaks for the Prenzlau Sport Club in the Uckermark region.

# OUR VALUES

ENERTRAG STANDS FOR COLLABORATION, RELIABILITY, SUSTAINABILITY, AND VISION

We are eager to collaborate fairly and encourage a friendly atmosphere as part of our corporate culture. Our joint objective is to play a key role in the successful energy transition. We hold both our employees and business partners in high regard.

We always act in a coordinated, transparent manner and with clear guidelines. We enable young people to pursue vocational training or a degree and invite them to shape the future with us. At the same time, we motivate new employees to contribute their experience and come up with new visions.

Our aspiration is to offer development opportunities, foster people's talent, and shepherd them along their journey. We plan with the diligence required and develop sophisticated and innovative solutions across Europe and the globe. We also have regional roots, want to boost local and regional economies, and make an active contribution to the people who live in those places.

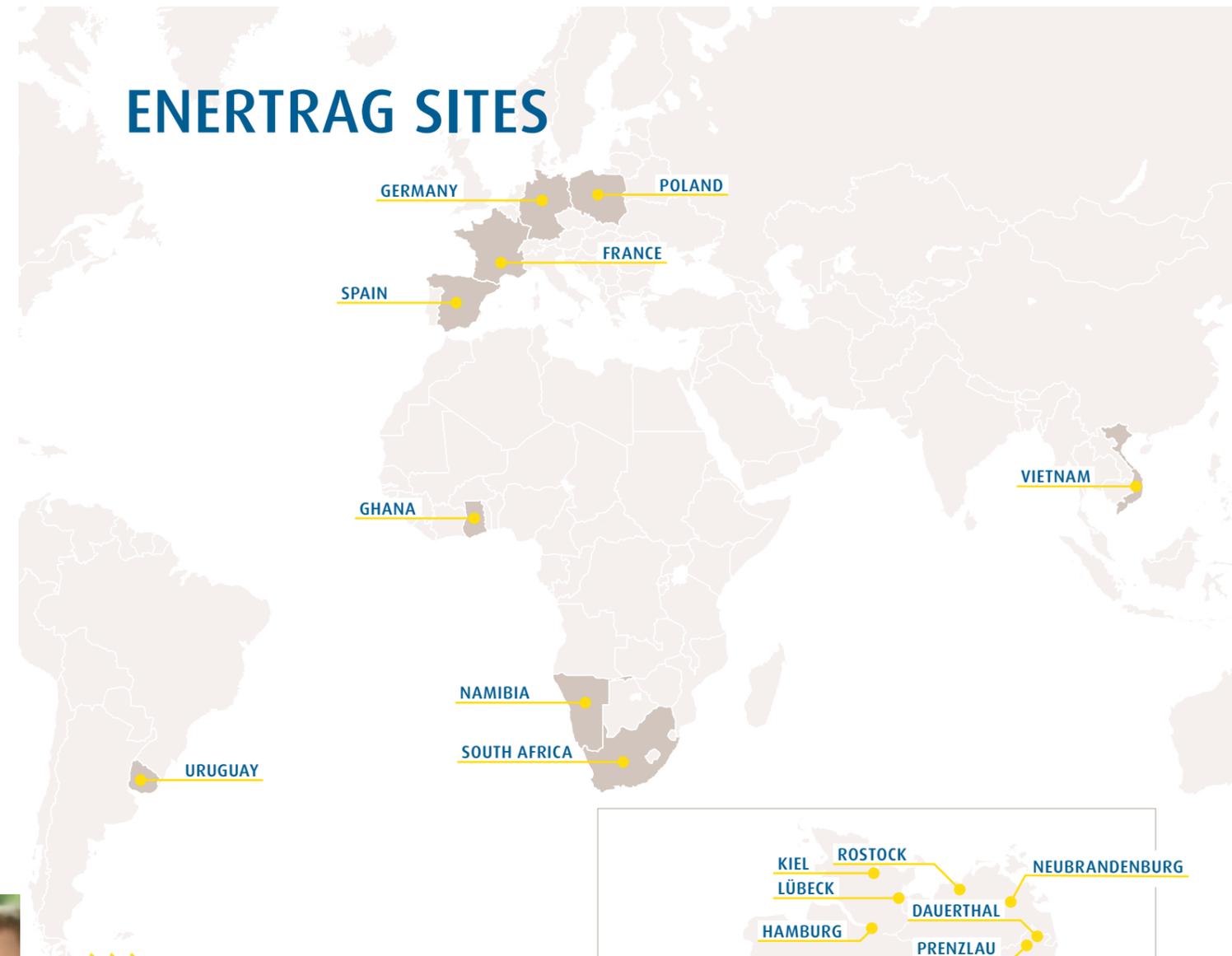
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