



OperationExposé

ENERTRAG OPERATION

Your competent partner for technical management and reliable inspections and tests throughout Europe

ENERTRAG Portrait

Energy system management, like every day on site

At home in the wind industry for over 30 years, ENERTRAG Operation offers all expertise for the technical management of renewable generation plants, substations and transfer stations. Services for the balancing energy market, innovative hybrid power plants, photovoltaic systems and stationary battery storage are also part of the product portfolio. Our teams at six locations ensure the safe and profitable operation of more than 1,200 renewable energy plants.



Michael Dahm, Managing director
ENERTRAG Operation

Valuable synergies for our customers

DEVELOPMENT

Who plans wins

We successfully plan projects with foresight and close to the people.

OPERATION

Runs like a charm

We ensure the safe and successful operation of renewable energy systems.

POWERSYSTEM

Let the data speak

We automate processes, monitor, control and network energy systems and substations - precisely and to the minute.

SERVICE

It's moving forward

We reliably maintain photovoltaic and wind energy systems and resolve issues - quickly and easily.

TECHNOLOGY

Building a better bulb

We equip wind turbines with intelligent flight safety identification.

SINCE:
1992



INSPECTIONS

IN COOPERATION WITH:



SERVICES

- > INSPECTIONS & CHECKS
- > TECHNICAL MANAGEMENT

DRONE INSPECTION

IN COOPERATION WITH:



6
LOCATIONS

DAUERTHAL
BERLIN
EDEMISSEN
HAMBURG
DURY (F)
NEUVILLIE (F)

4.150
INSPECTIONS PER YEAR

>120
EMPLOYEES



FUTURE TOPICS

POWER-TO-X,
BATTERY, CONTINUED
OPERATION
OPTIMISATION



2,7 GW
FACILITIES
MONITORED



Technical Management

Your benefits at a glance

Our control centers not only monitor renewable energy systems in real time, but also respond immediately in the event of faults - 95% of all processes are processed after just a few minutes.

Thanks to the VERA robot control room, you also benefit from response times that are well below the contractual requirements. Thanks to our continuous monitoring, we guarantee maximum energy availability as if we were always on site. Benefit from our knowledge of the many different types of systems: We combine expertise from different specialist departments to create the greatest possible synergies for you.

This allows you to benefit from holistic yet focused operational management. We have specialized teams for customized solutions. This ensures that we can both maintain an overview and set thematic priorities that are transparent and comprehensible for everyone.

For the areas

- > Wind energy
- > Photovoltaics
- > Hydrogen
- > Transformer stations
- > Battery storage
- > Biogas
- > Power-2-X

Flexible and customised

- > Experienced network: Customised solutions solutions through bundled expertise.
- > Efficient operational management: optimisation of your renewable energy systems for maximum performance.
- > Reliable damage assessment: Fast and well-founded protocols and reports in the event of damage.
- > Continued operation: maximising the efficiency and maximising the efficiency and service life of your old systems.



POWERSYSTEM
Let the data speak

THE PROFESSIONAL HARDWARE AND SOFTWARE SOLUTION FOR RENEWABLE ENERGIES

- > Optimised operation and networking of renewable energy systems
- > For plant managers, operators, asset managers, direct marketers, transformer station operators
- > Automated condition monitoring, e.g. BlmSchG
- > Certified according to ISO 9001:2015 and ISO/IEC 27001 - suitable for the operation of critical infrastructures according to KritisV
- > High data quality thanks to the control of our data stream control centre

ENERTRAG
One energy ahead

Operation

ACCREDITED INSPECTION BODY

- Technical management, inspections and testing of all energy and wind power plants
- > Operational management, inspections and tests for wind/PV parks, biogas plants and battery storage systems
 - > Accredited inspection body according to DIN EN ISO/IEC 17020
 - > Regular internal and external audits to maintain maintenance of accreditation in accordance with DIN EN ISO/IEC 17020
 - > Certification in accordance with DIN ISO 9001

Inspections and Checks

Impartial seal of quality

Trust in the renewable expertise that is underlined by accreditation in various test procedures in accordance with DIN EN ISO 17020. The advantage of an accredited inspection body: once tested, accepted everywhere. This gives you the certainty that reports and protocols will be recognised by the authorities and insurance companies without any problems.

Our team works with state-of-the-art technology and innovative methods to provide the best possible support for your systems. We ensure that your systems are operated safely and efficiently.

We offer:

- > Post commissioning Inspection
- > End of warranty Inspection
- > Safety checks
- > Object-orientated risk assessment
- > Condition-based maintenance Inspection
- > 20 year lifetime extension verification (Inspection and Analysis)
- > Inspection of rotor blades (also with drones)
- > Inspection of gearbox
- > DGUV V3 check
- > Periodic inspection

Experience flying precision

Our drones meet all the requirements of the BWE guideline for lightning protection tests. With our technology, we can ensure that your wind turbines meet the highest safety standards and are optimally protected against lightning strikes. Equipped with state-of-the-art cameras, we deliver razor-sharp images of your rotor blades. These precise images enable a detailed inspection and documentation of the condition of your turbines.

Through regular inspections and the use of advanced analysis tools, we can closely monitor the development of damage to your rotor blades. This allows us to intervene at an early stage and plan repairs before major damage occurs. Every minute your turbine spins means a contribution to your financial success. So don't wait any longer - and discover the future with ENERTRAG Operation, also available as a license model!

Your safety is important to us

Experience and expertise from over 4,000 inspections a year, combined with our new focus on safety technology, enable us to offer you a comprehensive solution.

Focus on prevention: Our dedicated teams not only take care of the prescribed inspections, but also offer comprehensive safety solutions. From crane and lift inspections to inspections of fixed ladders and the replacement of fire extinguishers - we are your reliable partner for the highest safety standards.



We are there for you everywhere

Our ENERTRAG Operation locations

● Dauerthal
Gut Dauerthal
17291 Dauerthal

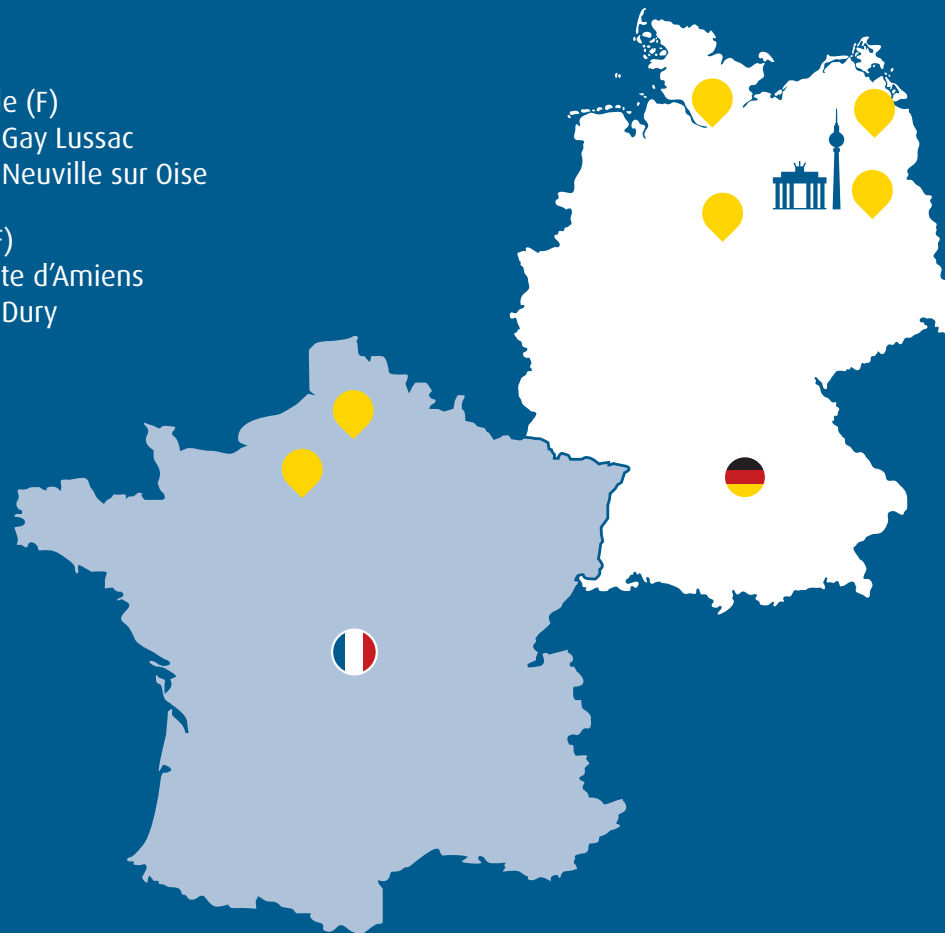
● Neuville (F)
9 mail Gay Lussac
95000 Neuville sur Oise

● Berlin
Friedrichstraße 152
10117 Berlin

● Dury (F)
26 Route d'Amiens
80480 Dury

● Edemissen
Eddesser Straße 8
31234 Edemissen

● Hamburg
Trostbrücke 1
20457 Hamburg



We reliably look after your energy systems throughout Germany and beyond - including in France and Poland - reliably look after your energy systems.

Contact

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DIN EN ISO/IEC 17020 accreditation from the German Inspection Body (DAKKS) which covers the specifications contained in attachment D-IS-18273-01-00 to the accreditation.



Certified to ISO 9001:2015 quality management