mondas®
MONITORING. EVALUATING. ACTING.

Digitalization of the energy transition

Mondas is a spin-off of the Fraunhofer Institute for Solar Energy Systems (ISE) in Freiburg, Germany. Our mission: The digitalization of the energy transition.

The mondas® data platform enables the fully automatic monitoring and analysis of all types of renewable energy systems.

Enquire about additional services today!

ENERGY PRODUCTION

SMART ENERGY SYSTEMS

TECHNICAL BUILDING MONITORING

mondas®

Mondas GmbH
Emmy-Noether-Str. 2
79110 Freiburg / Germany
Tel. +49.761.216 08 90
info@mondas-iot.de
www.mondas-iot.com/en/

Strasbourg

FRANCE

GERMANY
BADEN-WÜRTTEMBERG

Freiburg

B31

A35

A5

Mulhouse

SWITZERLAND

Basel

A3

WindBatCompliance

Smart software to ensure the curtailment of wind farm activity for efficient bat protection

mondas®

Bat protection: a challenge

Wind parks are legally obliged to shut down turbines in order to protect bats during certain seasons and in specific locations, depending on temperature, precipitation and wind speed.

Many wind parks fail to shut down correctly, or they shut down unnecessarily.

The reasons for this may vary, but the effect on the wind park's output is always negative.

WindBatCompliance

With WindBatCompliance, Mondas is introducing intelligent software (SaaS) for fully automatic monitoring and curtailment in case of bat activity. This has a variety of benefits:

- **It saves time**
  by providing a fully automatic error analysis
- **It prevents fines**
  by adhering to shutdown schedules
- **It leads to higher yields**
  by preventing unnecessary shutdowns
- **It effectively protects bats**
  by complying with legal requirements

"WindBatCompliance offers the ideal software solution for fully automated monitoring and shutdown to ensure bat protection."
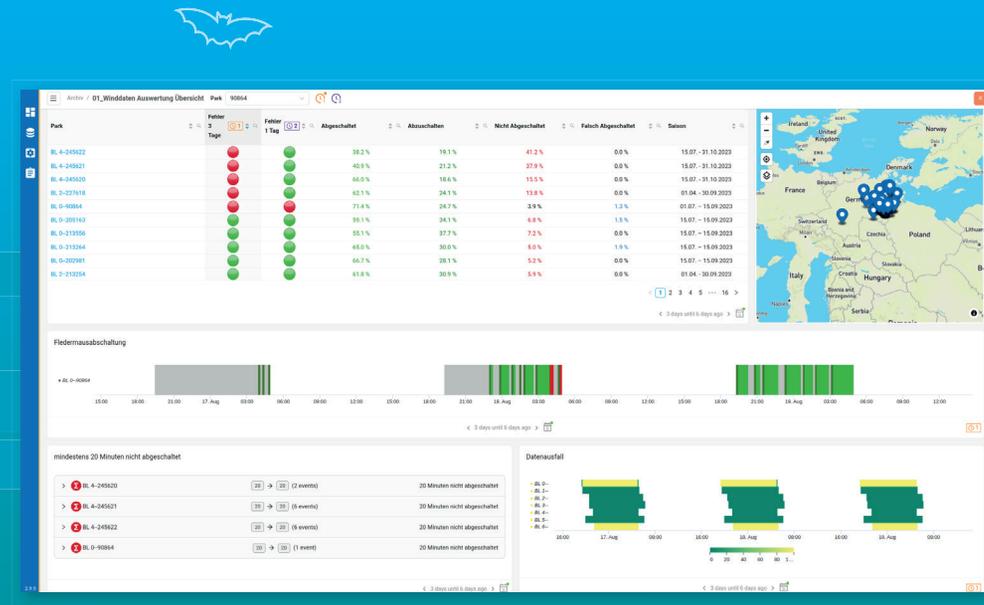
At a glance

Dashboard with traffic light function
Indicates immediately which turbine within the wind park has not shut down correctly

Fully automatic error analysis

Identification of critical events

Location-based variance analysis
using tailored algorithms

All operational data that could affect bat activity
at a glance: List of 10-minute values in accordance with environmental regulations