

# PRESSEINFORMATION PRESS RELEASE COMMUNIQUÉ DE PRESSE

# BALLUFF

Balluff Sensors and Automation Solutions for Wind Turbines and their Manufacture.

**WindEurope 2019**  
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**Over 20years experience in the wind energy sector and continuous innovation are the distinguishing features of sensor manufacturer Balluff.**

Balluff ApS

Wind farms are a major investment and require high levels of availability. So every component has to be extremely reliable and fail-safe. In addition, pressure on costs and prices is enormous, which forces manufacturers to constantly optimise their production and logistics processes. As a long-term partner of the wind energy sector, Balluff and its global workforce of 3,600 employees understand these challenges. Balluff sensors have been providing optimal and safe control of wind turbines for over two decades. Their exceptional reliability and robustness are the result of optimised development processes with integrated HALT tests (**H**igh **A**ccelerated **L**ifetime **T**ests). Identifying damage before a breakdown can occur is a must for costly wind turbines. This is why Industry 4.0/Internet of Things and Big Data are also on the rise in the wind energy sector. Intelligent sensors, network technology and power supply units with Heartbeat technology, which not only record various parameters but also provide information about themselves and their condition, enable the gathering of detailed information on the state of a turbine. Balluff is just the place when it comes to future-proofing your equipment. Track and trace procedures, as used in all largescale automotive plants, are the optimum solution by

Press and Public Relations

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Balluff. **Solutions (selection) for:**

- Angle and rotational speed detection
- Pitch adjustment
- Fill level measurement
- Network technology