

# Aerones robotics lead the way of innovation in the wind turbine maintenance industry

Aerones is a startup company that offers wind turbine blade inspections, maintenance and repairs by using self-designed and manufactured robots, sensors and IT systems. Robots do not take over the job, rather they work in tandem with humans to make the job easier, faster, and safer. As smart instruments, they offer wind park managers to receive valuable data that allows them to save money and make better decisions.

Aerones has built the first working system in the world that is already being manufactured industrially. Some of the most demanded services are lightning protection system testing, drainage hole cleaning, blade cleaning, blade internal inspection and leading edge repairs. With more than 30 countries on three continents, our teams work for the world's largest original equipment manufacturers (OEMs) including Siemens Gamesa, GE and Vestas; as well as the largest turbine owners (Enel, EDPR, EDF and others). Our vision is to become the leading service company for the wind industry. Our mission is to modernise O&M to make wind energy more effective and sustainable.

Not only does technology require advancement, but also analysis of data. The data collected by robots is being integrated into a special customer portal that shows a detailed view of the wind park assets. The tool already assists wind park managers in making better decisions and prioritising in terms of operations. The company doesn't stop there as more and more solutions are implemented to solve the issues we come across on turbines onshore and offshore.

Get introduced to our robotic technology - visit us at stand 3-E31 and let us show you how we can improve your wind park

Video link: <https://www.youtube.com/watch?v=HnsTPMTtZxM>

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