

VIDEO VOICE TRANSCRIPTION OF “USE OF DRONES TO INSPECT WIND FARMS”

Voice over: “At Iberdrola we have opted to use drones to inspect wind farms, a technology that improves productivity and offers a series of operational advantages.”

“The arachnocopter is equipped with high-definition cameras and can generate x-ray images of the blades and detect structural problems, such as corrosion or hot spots. This technology enables us to detect structural incidents in wind turbine blades while also saving costs and improving safety by dispensing with the need for workers to climb up to the installations themselves for a manual inspection at height.”

“All the information provided by the drones is analysed and stored for automatic fault management - based on artificial vision and intelligence. This predictive maintenance allows us to extend the useful life of our wind turbines.”

Alberto Moreno, Operations and Maintenance manager for the western region: “This allows us to stay ahead of faults, breakdowns, etc. which enables us to plan our work and thus not only improve service quality, but also save costs.”

Carlos Bernabéu, manager of Arbórea Intellbird: “This procedure is the natural consequence of applying the work we’ve been doing over the past 6 years with Iberdrola to blades, and it’s been a very close collaboration between us and the Renewable Energy Operation and Maintenance Department.”

Voice over: “Drones help us fulfil our goals of prolonging the useful life of installations and increasing the efficiency of our wind farms around the world.”