Drone wind turbine cleaning and inspection

Eolinet Renovables cleans and inspects complete wind turbines (blades, hub, tower and nacelle) with industrial drones flown from the ground. It works for major utilities and turbine manufacturers, and is already operating in Spain.

1
working day per turbine
versus 4-5 days with rope access

0
people working at height
the drone is flown from the ground

75-80 %
lower cost and lost revenue
downtime of hours, not days

100 m
nacelle height
maximum reach of the service

HOW IT WORKS

In traditional cleaning, a technician climbs to the nacelle and abseils down on ropes for 4-5 days per machine. Eolinet replaces this with an industrial drone carrying a pressure-washing system fed by a hose from the ground and flown by licensed pilots. Nobody works at height and the turbine is back in production the same day.

Spain closed 2024 with 22.486 wind turbines across 1.416 wind farms (2025 Wind Yearbook, Spanish Wind Energy Association).

WHAT IS INCLUDED

- Cleaning of blades, hub, tower and nacelle, in one intervention or separately.
- Visual inspection during the same flight, with before-and-after photographic evidence for every machine.
- Aviation permits with the Spanish authority (AESA) and public liability insurance.
- Activation in around 3 weeks from confirmed order, for the aviation filing.
- Campaigns from 4 turbines, at wind farms across Spain; Portugal and the rest of Europe, case by case.

THE COMPANY

Eolinet Renovables, S.L. Mairena del Aljarafe (Seville, Spain). Founded in 2025 and backed by the venture builder Vida Sustainable Ventures.

PRESS CONTACT

Contact form at www.eolinet.com/en/contact/ stating the outlet and the deadline. Images and interviews on request.

SPOKESPERSON

Ignacio López Martín, co-founder.

Ignacio López Martín is an industrial engineer and serial founder. He co-founded Cable Energía, acquired by Shell and later by Acciona. He chairs Capflex Energía, which develops and sells battery storage projects in Spain. Through Vida Sustainable Ventures, his venture builder in Seville, he has co-founded Eolinet Renovables and The Seafolk.