

In the wind farm of Sierra Dueña

Iberdrola and Arborea IntellBird present their *Aracnocóptero* EOL6 for the review of wind turbines



IBERDROLA and Arborea Intellbird have presented today, in the wind farm of Sierra Dueña, located in Salamanca, their *Aracnocóptero* Eol6, created to carry out inspection and maintenance of wind turbines, among other electrical installations.

The presentation has served to demonstrate the operation of this multi-rotor folding helicopter, which has been designed and developed by the Salamanca company Arborea. Thus, the review of a wind turbine has been carried out and the information captured during the process has been shown.

The *Aracnocóptero* is part of one of the main initiatives of Arborea Intellbird and allows, together with its associated software platform, to increase the efficiency of wind turbine maintenance inspections, reducing downtimes and achieving a much higher level of detail than Traditional inspection methods.

Thanks to this project, IBERDROLA could significantly reduce the time spent in reviewing the machines installed in its wind farms, further improving its reliability, which represents an important advance in the operation and maintenance work, one of the priority objectives of the sector wind power today.

The event has been held in the emblematic wind farm of Sierra Dueña, about 40 kilometers from Salamanca. This installation, the only one of IBERDROLA in the province, has a power of 31.5 megawatts (MW) and is located between the municipal terms of Pedrosillo de los Aires, Frades de la Sierra, Las Veguillas and Membribe de la Sierra.

This complex is composed of 37 wind turbines and has a substation from which electricity is evacuated. In addition to the aforementioned demonstration of the *Aracnocóptero*, during the day a visit has been organized to learn about the main characteristics and operation of this wind farm and of said energy distribution facility.

Investment in Arbórea Intellbird

IBERDROLA and the Center for Industrial Technological Development (CDTI), an agency under the Ministry of Economy and Competitiveness, signed an agreement last year with Arbórea Intellbird, S.L. through which both entities have invested 500,000 euros.

This is the first investment made in the Energy and Environment area of the INNVIERTE program and involves the entry into the capital of Arbórea de IBERDROLA, through the Perseo fund, and the CDTI, with the priority objective of promoting development of this company and consolidate it within its sector.

Arbórea Intellbird, S.L., a company based in the Scientific Park of the University of Salamanca, is focused on the manufacture of unmanned aerial vehicles for various professional uses, among which the inspection of infrastructure for the production and distribution of electricity.

This incursion is part of the commitment of IBERDROLA with the promotion of entrepreneurship and the industrial fabric in Spain, for which it has the PERSEO program to support entrepreneurs and technology-based companies, endowed with 70 million euros. Through this initiative, IBERDROLA has already invested more than 40 million euros since 2008 in technological start-ups that ensure the sustainability of the energy model in the future.

[Link to original](#) (Spanish)





