

## Iberdrola turns to Finnish satellite technology from ICEYE to strengthen its power networks against extreme weather

- *Synthetic aperture radar satellites will help the company anticipate risks such as floods, wildfires and high winds, assess damage rapidly and minimise disruption to electricity supplies*
- *Following an initial project in Spain, Iberdrola plans to extend the technology to the United States and Australia*
- *The solution won a New-Tech Challenge organised through PERSEO, Iberdrola's international open innovation programme, which attracted more than 40 proposals from ten countries*

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Iberdrola has selected satellite technology developed by Finnish company ICEYE for an innovation project designed to make its electricity networks more resilient to extreme weather events. Using near real-time geospatial data, the solution will help the company anticipate risks, assess damage more quickly and minimise disruption to electricity supplies.

The technology, which won a New-Tech Challenge organised through PERSEO, Iberdrola's international open innovation programme, will initially be deployed through a pilot project in Spain. The competition attracted more than 40 proposals from ten countries.

During the pilot, ICEYE's constellation of synthetic aperture radar (SAR) satellites will provide continuous monitoring of selected areas, enabling Iberdrola to anticipate and track events such as floods, wildfires and high winds. The satellites can capture images around the clock, regardless of weather conditions.

By providing rapid, objective assessments, even when affected areas are difficult to access, Iberdrola will be able to identify the most heavily impacted assets, deploy repair crews more efficiently and restore electricity supplies more quickly.

Iberdrola operates more than 1.4 million kilometres of transmission and distribution lines across several countries, serving millions of customers.

Building on the experience gained in Spain, the programme will also give Iberdrola access to ICEYE's rapid damage assessment capabilities for hurricanes affecting its assets in the United States and Australia, with detailed damage maps available within 24 hours of an event.

Gonzalo García-Muñoz, Senior Vice-President of Global Operations and CEO of ICEYE Spain, said: "This collaboration enables us to integrate satellite intelligence into

network operations, identify risks earlier and accelerate the restoration of electricity supplies in affected areas."

Óscar Villanueva, Director of the Western Region at i-DE Smart Grids, Iberdrola's distribution business in Spain, said: "Strengthening the resilience of our electricity networks is one of our top priorities. This collaboration allows us to incorporate advanced observation and analytical capabilities that help us anticipate extreme weather events, minimise their impact on customers and build a more resilient electricity system for the future."

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#### **About Iberdrola**

With a market capitalisation of more than €140 billion, Iberdrola is Europe's largest electricity company and one of the two largest worldwide. The Group supplies energy to more than 100 million people and employs over 45,400 people. Its assets total €161 billion. In 2025, Iberdrola reported a record net profit of €6.285 billion. The company contributes around €10.4 billion annually in taxes across the countries where it operates and supports more than 500,000 jobs throughout its supply chain through annual procurement worth €13.2 billion from tens of thousands of suppliers.

Since 2001, Iberdrola has invested more than €175 billion in electricity networks, renewable energy and energy storage to accelerate electrification. The company operates almost 1.4 million kilometres of electricity networks in the United States (New York, Connecticut, Maine and Massachusetts), the United Kingdom (Scotland, England and Wales), Brazil (Bahia, Rio Grande do Norte, Pernambuco, São Paulo, Mato Grosso do Sul and the Federal District) and Spain. It also has 58,000 MW of installed capacity worldwide, more than 46,000 MW of which comes from renewable energy sources.

#### **About ICEYE**

ICEYE is the global leader in sovereign intelligence from space, providing continuous monitoring capabilities that enable customers to detect and respond to changes anywhere on Earth. The company operates the world's largest and most advanced constellation of synthetic aperture radar (SAR) satellites, delivering intelligence with industry-leading image quality, low latency and high revisit frequency in all weather conditions, day and night. For governments seeking to operate their own satellite constellations, ICEYE offers this proven capability as a sovereign system.

ICEYE's constellations support customers across the defence and intelligence, environmental monitoring, insurance and emergency management sectors, enabling faster decision-making and helping to build a safer future.

Founded and headquartered in Finland, ICEYE employs more than 1,000 people across Poland, Spain, the United Kingdom, Australia, Japan, the United Arab Emirates, Greece and the United States. [iceye.com/joinus](https://www.iceye.com/joinus) Press contact: [press@iceye.com](mailto:press@iceye.com)