

Iberdrola and Amazon further expand their global renewable energy partnership and harness the AWS cloud to scale Iberdrola's business

- **First PPAs (power purchase agreements) agreed in Portugal and Spain for a total of 476 MW, expanding the global partnership to five countries in total**
- **Amazon has now enabled more than 66,000 gigawatt-hours (GWh) of renewable energy from Iberdrola worldwide over the lifetime of the PPA agreements**
- **In 2024 Iberdrola successfully migrated an extensive landscape of applications to AWS, including its DOMINA Renewables Operations & Maintenance ecosystem**
- **Iberdrola will leverage AWS's agility and scalability to deploy a Virtual Desktop as a service platform, using Amazon WorkSpaces Core**
- **Iberdrola and Amazon have extended their strategic partnership, signed in 2022 for renewable energy PPAs and cloud services allowing more workloads to be migrated to the AWS Spain Region**

Madrid/Lisbon, 03 February 2025: Amazon and Iberdrola, one of the world's largest clean energy companies, have added an additional 476 megawatts (MW) of renewable energy PPAs (power purchase agreements) to their global renewable energy partnership, expanding its presence into five countries.

The new power purchase agreements include Amazon's first PPA in Portugal for 219 MW from the Tâmega Wind Complex, the largest wind farm in Portugal, scheduled to begin construction in early 2025. The partnership also expanded into Spain, with two utility scale PPAs agreed for a total 257 MW of solar and wind energy. The three projects are equivalent to 1,093 GWh of carbon-free electricity per year, enough to power the equivalent of around 300,000 homes per year.

Iberdrola and Amazon have extended their strategic partnership, originally signed in 2022 for renewable energy PPAs and cloud services, with the new agreement

enabling both parties to collaborate on additional projects in existing and new markets. In total, Amazon has now contracted more than 66,000 GWh of renewable energy from Iberdrola worldwide over the lifetime of all signed PPA agreements.

In August 2024, Iberdrola [selected AWS](#) as its preferred cloud provider for generative artificial intelligence (AI) workloads, as part of their global collaboration. Utilising AWS's AI capabilities, Iberdrola's distribution business is now innovating to improve the grid connection process for new points of supply. Iberdrola's Renewables business is optimizing its windfarm design process by leveraging the compute power of the AWS Cloud to simulate wake effects and further improve the layout of wind turbines.

Iberdrola is also using Amazon Web Services' (AWS) High Performance Computing (HPC) to improve weather forecasting simulations performance across its 400 windfarms globally. Other innovative initiatives planned for 2025 include building a Virtual Desktop as a Service platform on AWS, with services like Amazon WorkSpaces, and deploying an AWS Landing Zone to support the migration of critical workloads to the AWS Region in Spain.

In detail, the new PPA agreements include:

- 219 MW has been contracted by Amazon at the Tâmega Wind Complex. It is the largest green hybridisation project in the country, designed to make efficient use of the grid connection point already built at the Tâmega hydroelectric complex. With a total investment by Iberdrola of around €350 million, the 274 MW project will power the equivalent consumption of 128,000 households per year and create over 700 jobs at the peak of construction.
- Amazon will purchase 212 MW capacity at the Ciudad Rodrigo solar PV plant in Salamanca, in Western Spain. In total, the project will produce clean energy to supply the equivalent of 150,000 homes per year. With an investment of close to €200 million by Iberdrola, more than 800 jobs will be supported during peak construction periods. As part of the project, Iberdrola has made a commitment to Ciudad Rodrigo municipality to support

restoration of the Plaza Amayuelas town square to make it once again a space for the whole community to enjoy.

- Additionally, the output from 45 MW from the Valdemoro wind farm located in the province of Burgos, will be purchased. With an installed capacity of 49.5 MW, capable of supplying the equivalent of 48,000 households, the project is made up of eleven wind turbines, with a height of 107.5 metres and a rotor diameter of 145 metres. During peak construction the project will support 145 jobs, around 40% will be drawn from local contractors.

The commitment to securing renewable energy PPAs helps Amazon match the electricity consumed by its operations with 100% renewable energy, as part of its goal reach net-zero carbon emissions across its operations by 2040. With more than 600 solar and wind projects globally, Amazon is the world's (and Spain's) largest corporate purchaser of renewable energy according to Bloomberg NEF for the fifth year running.

Iberdrola has been announced as the top seller of PPAs in Europe for a second consecutive year, according to the Pexapark Renewables Market Outlook 2025 report.

Aitor Moso Raigoso, Executive Vice President Customer Business at Iberdrola, said:

“With Amazon we have a partnership that truly matches our own commitment to develop sustainable energy and drive the energy transition forward around the world. With Iberdrola’s extensive global portfolio of renewables, we are continually seeking to expand such partnerships, to accelerate decarbonisation and support businesses in reaching their climate goals.

“Additionally, the AI technology that AWS is helping to integrate into our business is already delivering tangible results in terms of enabling our renewable energy assets to be even more efficient and helping the smart grid networks that we operate to be even more flexible and reliable.”

Lindsay McQuade, Director of Energy for EMEA at Amazon, said:

“Amazon is committed to driving the carbon-free energy transition forward, both to advance our Climate Pledge goals, and support Europe's transition to more sustainable energy sources.

“We are excited to further support Iberdrola in its growth plans, leveraging the scalability and services of AWS in data and AI. We are working with Iberdrola to provide a modern virtual desktop platform for their employees and drive innovation across business lines to accelerate innovation and delivery, and achieve our goals faster.”

Previous green energy PPAs signed by Amazon and Iberdrola include:

U.S.

- Desert Wind - 208 MW
- Midland Wind - 100 MW
- Leaning Juniper Wind Repowering - 90 MW
- Osagrove Flats Wind - 150 MW

Germany

- Baltic Eagle Offshore - 190 MW
- Windanker Offshore - 130 MW

UK

- East Anglia THREE offshore - 159 MW
- Beinn an Tuirc 3 - 50 MW

Notes to Editors

About Iberdrola

[Iberdrola](#) is the largest utility in Europe, and one of the top three largest globally, serving a population of more than 100 million people around the world. The company has a workforce of over 42,200 and assets in excess of €150 billion. In 2023, Iberdrola posted revenues of nearly €50 billion, net profit of €4.8 billion, with nearly €9.3 billion paid in tax contributions in the countries where it operates. The company helps to support more than 500,000 jobs in communities across its supply chain, and global supplier purchases topped €18.1 billion in 2023.

A benchmark in tackling climate change, Iberdrola has invested more than €150 billion over the past two decades to help build a sustainable energy model, based on sound environmental, social and governance (ESG) principles.

As a pioneer in providing clean energy solutions to industrial partners, Iberdrola has been recognised by **Pexapark** for two consecutive years as the leading European utility in both deals and volume of energy sold via long-term contracts (PPAs) with industrial customers in Europe: 1,251 MW in 2024 – a 38% increase compared to 2023 – across 15 corporate deals.

About Amazon

Amazon is guided by four principles: customer obsession rather than competitor focus, passion for invention, commitment to operational excellence, and long-term thinking. Amazon strives to be Earth's Most Customer-Centric Company, Earth's Best Employer, and Earth's Safest Place to Work. Customer reviews, 1-Click shopping, personalised recommendations, Prime, Fulfilment by Amazon, AWS, Kindle Direct Publishing, Kindle, Career Choice, Fire tablets, Fire TV, Amazon Echo, Alexa, Just Walk Out technology, Amazon Studios, and The Climate Pledge are some of the things pioneered by Amazon. For more information, visit aboutamazon.eu and follow @AmazonNewsEU.

About Amazon Web Services

Since 2006, Amazon Web Services has been the world's most comprehensive and broadly adopted cloud. AWS has been continually expanding its services to support virtually any workload, and it now has more than 240 fully featured services for compute, storage, databases, networking, analytics, machine learning and artificial intelligence (AI), Internet of Things (IoT), mobile, security, hybrid, media, and application development, deployment, and management from 114 Availability Zones within 36 geographic regions, with announced plans for 12 more Availability Zones and four more AWS Regions in New Zealand, the Kingdom of Saudi Arabia, Taiwan, and the AWS European Sovereign Cloud. Millions of customers—including the fastest-growing start-ups, largest enterprises, and leading government agencies—trust AWS to power their infrastructure, become more agile, and lower costs. To learn more about AWS, visit aws.amazon.com.