

Smart Solar technology has sensorised and connected high-performance inverters that allow online monitoring of the installation to optimise its management.

Iberdrola installs AkzoNobel's solar self-consumption systems in Spain and Germany

- AkzoNobel is working with Iberdrola to install 2,600 photovoltaic panels at its production centres in Catalonia - Vallirana, Zona Franca and Villafranca del Penedés - which will prevent the emission of more than 14,000 tonnes of CO₂ into the atmosphere over the next 25 years. It has also worked with the energy company to develop self-consumption at its production plants in Reutlingen and Hilden, Germany.
- Both companies are making progress in their commitment to promoting sustainability and combating climate change with the installation of photovoltaic self-consumption systems on the roofs of the Dutch company's production centres in Spain and Germany.

AkzoNobel in Spain is consolidating its commitment to sustainability and resource optimisation with Iberdrola, which has installed 2,600 photovoltaic panels at the paint and coatings manufacturer's centres in Catalonia -Vallirana, Zona Franca and Villafranca del Penedés-. This installation has a total power of more than 1,200 kW. This system will prevent the emission of more than 14,000 tonnes of CO₂ into the atmosphere over the next 25 years and will save the company's current energy consumption.

AkzoNobel has also worked with Iberdrola to install solar self-consumption systems at its plants in Germany, where it has also opted for solar self-consumption at the Reutlingen and Hilden production centres, which will prevent the emission of 2,300 tonnes of CO₂ into the atmosphere over the next 25 years.

The total energy generated by these installations will reach 13,600,000 kWh per year, equivalent to the average consumption of more than 5,000 households. In addition, this initiative will prevent the emission of more than 16,000 tonnes of CO₂ into the atmosphere over the next 25 years.

The state-of-the-art photovoltaic modules installed are equipped with sensorised and connected high-performance inverters that allow the fundamental parameters of the installations to be monitored via the web. The built-in smart solution provides real-time information on the energy consumed and produced via an app.

Framed in its sustainable business philosophy *People. Planet. Paint*, AkzoNobel plans to extend this type of action to other centres in the group, thanks to the efficiency, competitiveness and care for the environment that it generates. Among its global sustainable goals, the paints and coatings company intends to reduce carbon emissions by 50%, pursues the goal of using 100% renewable electricity and aims to achieve zero non-reusable waste by 2030.

In this regard, Iberdrola aligns itself with AkzoNobel's priorities to preserve the environment, thus collaborating both companies in their objectives to accelerate the energy transition and contribute to a more sustainable development model.



Self-consumption solutions with the advantages of digitalisation

Electrification and digitalisation are enabling the development of a new energy model that offers smart solutions. Iberdrola has [Smart Solar](#), a comprehensive and customised solution for the generation and consumption of photovoltaic energy, which enables savings on electricity bills and includes all the advantages of digitalisation.

This solution includes the study and customised design, administrative processing, installation, financing, insurance advice, maintenance and monitoring. Like all Iberdrola smart solutions, it allows you to check the energy produced and consumed digitally in real time, via the web or the Iberdrola App, and to manage the installation autonomously.

The competitiveness of solar self-consumption makes these solutions optimal for single-family homes, residential buildings and industries and the agricultural segment, optimising consumption and improving the energy efficiency of installations. It also contributes to the fight against climate change by generating and consuming renewable energy, free of CO₂ emissions.

Self-consumption has accelerated to a large extent due to the environmental awareness of many citizens, helped by technological developments that have significantly reduced costs and a regulation that simplifies the processing of installations. Innovative modalities such as shared self-consumption are also being promoted. This framework also contemplates installations with surpluses that are eligible for compensation, so that energy that is not self-consumed at the time it is generated can be fed into the grid.

Iberdrola has integrated the conservation of the biological diversity of ecosystems into its strategy, demonstrating that it is possible to effectively combine the supply of competitive, clean, and sustainable energy with the balance of biodiversity and the environment.

About Iberdrola

[Iberdrola](#) is one of the leading global energy companies, a leader in renewables, which is spearheading the energy transition towards a low-emission economy. The group supplies energy to close to 100 million people in dozens of countries and carries out its renewables, networks and commercial activities in Europe (Spain, the United Kingdom, Portugal, France, Germany, Italy and Greece), the United States, Brazil, Mexico and Australia, and maintains as growth platforms markets such as Japan, Ireland, Sweden and Poland, among others.

With a workforce of more than 37,000 people and assets in excess of €122.5 billion, in 2020 it had revenues of more than €33 billion and net profit of €3.6 billion. The company contributes to the maintenance of 400,000 jobs in its supply chain, with annual purchases of 14 billion euros. A benchmark in the fight against climate change, it has allocated more than 120 billion euros in the last two decades to building a sustainable energy model, based on solid environmental, social and governance (ESG) principles.

About AkzoNobel

At [AkzoNobel](#) we have been pioneers in bringing surfaces to life by creating a world of possibilities for over 200 years. We are proud to be experts in the craft of creating paints and coatings, setting the standard in colour and protection trends. Our customers around the world rely on our portfolio of international brands such as Dulux, International, Sikkens and Interpon; or our locally renowned portfolio such as Bruguer, Hammerite, Procolor, Xylazel and Titan.

The company currently employs more than 32,000 employees globally and is active in more than 150 countries. Its 2020 financial year resulted in an EBITDA of €8.5 billion. AkzoNobel's goal is to become the world leader in the industry, as a pioneering paints company committed to scientifically supported goals, innovation and the delivery of relevant global projects that protect future generations.

For more information, visit www.akzonobel.com

