

# Lantania to build 4.5 MWp solar photovoltaic plant for Alicante desalination facility

—● The installation will supply around 18% of the site's energy consumption

**Madrid, 12 June 2025.** Lantania has been awarded the contract to construct a solar power plant for the Alicante desalination facility. The infrastructure, water and energy group will develop a 4.5 MWp photovoltaic installation as part of a €4.7 million project commissioned by the Ministry for Ecological Transition and Demographic Challenge. The plant, expected to cover approximately 18% of the desalination facility's total energy consumption, aims to reduce production energy costs and, in turn, the end cost of desalinated water.

The photovoltaic system will complement the facility's existing energy supply, reducing reliance on the electricity grid by enabling self-consumption of renewable energy. The project has a 12-month execution timeline and involves the installation of 7,372 solar panels across several physically separate locations: a total of nine rooftops and three plots. Panels will be installed on the ground, on building rooftops, and atop car park canopies.

The installation is projected to save the emission of more than 2,800 tonnes of CO<sub>2</sub> per year, supporting the Taibilla Community's strategic goal of cutting its carbon footprint by 40% by 2030.

Lantania's Energy division will deliver the project using bifacial solar panels mounted in a variety of configurations, including tracking, fixed, coplanar, ballasted and canopy structures. The system will feature string inverters to allow for more efficient, modular energy management.

Lantania Energy is a specialist in photovoltaic self-consumption projects. Among its most notable initiatives are a 5.8 MWp solar plant at the Port of Valencia (designed to significantly reduce the port's carbon footprint) and the solar park at the City of Justice in Valencia. The company currently operates 8 MWp of self-consumption capacity.

## About Lantania Group

The Lantania Group designs, builds and manages large transport, building, water and energy infrastructures. It develops sustainable solutions with the commitment to generate a positive impact in the communities in which it operates. It has a portfolio of works in progress of more than one billion euros and assets of more than 250 million euros. The Group is present in 13 countries, has a workforce of more than 1,300 employees and is made up of seven companies: Lantania, Lantania Aguas, Traviesas y Prefabricados de Aragón (Travypsa), DSV Constructora y Ferroviaria, Gestilar Construcciones, Balzola and Indania. The company applies the principles of the United Nations Global Compact in all its operations.

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