Lantania puts the largest solar plant in the Port of Valencia into operation

The new 5.8 MWp photovoltaic installation now generates 15% of the port's daily electricity consumption

Madrid, 20 February 2025. Lantania has completed the construction of the 5.8 MWp solar plant at the Port of Valencia, built on the vehicle silo of the East dock terminal. The Infrastructure, Water and Energy Group, in a joint venture with Tecmo, has commissioned the facility, which it will maintain for the next three years, with the start of test operations for electricity generation.

This new plant, which had a budget of 16 million euros (including taxes), is the largest of the photovoltaic installations currently in operation of the Port of Valencia. It will generate 8,380 MWh/year, which represents 15% of the total electricity consumption of the Valencian docks.

The director of the Energy Transition Area of the Port Authority of Valencia, Federico Torres, and his technical team visited the facility today, accompanied by Lantania's general manager of Energy, Rafael Alcón, the project manager, Antonio Serna, and Tecmo's CEO, José Manuel Jaraiz.

The solar plant occupies 35,000 square metres without detracting from the port area. It is built on canopies made of S275JR structural steel, with a C5-M anti-corrosion treatment for marine environments, located on the top floor of the vehicle silo of the Valencia Terminal Europa (VTE) terminal in the Eastern quay. Lantania has installed 10,530 photovoltaic modules with a unit power of 545 Wp, evenly distributed over the terminal's nine buildings.

The project, which is part of Valencia port's decarbonisation strategy, has been financed by the European Union's Next Generation funds and the Spanish Government's Recovery, Transformation and Resilience Plan.

New project at the Port of Valencia: an ST1 electrical substation

Lantania has a new project underway in the Port of Valencia. Last September, the company was awarded the construction of an ST1 electrical substation in the port for nearly 14 million euros (including taxes). In a joint venture with STM Alta Tensión, it will build an infrastructure that will interconnect the power supply network of the Port Authority's facilities with the high-voltage network, specifically with the 132 kV voltage level.

The ST1 substation will guarantee optimal conditions for the supply of electricity to the Port of Valencia to meet new consumption requirements, derived from the plans to provide electricity supply to ships docked at the port, which will reduce atmospheric emissions and noise pollution in the port. Construction work on this infrastructure began at the end of last year and is scheduled to last 22 months.

Additionally, in a joint venture with Vareser, Lantania carries out maintenance and repair work on port structures, infrastructure, and facilities at the Port of Valencia. The company is in charge of preventive and corrective conservation works at the ports of Valencia, Sagunto and Gandía. Its activities include works on service galleries, railway network, water drainage infrastructure, pavements, footpaths, enclosures and floating pontoons.

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 1,200 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.