lantania

Water, desalination

Lantania will build a 600,000m³/day desalination plant in Saudi Arabia

In consortium with MGC, the company will build the Jubail reverse osmosis seawater desalination plant for the Saudi Water Authority (SWA)

The project budget amounts to 544 million dollars

Madrid, 23 july 2025

Lantania, in consortium with Mutlaq Al-Ghowairi Contracting Company (MGC), will build for the Saudi Water Authority (SWA), Jubail reverse osmosis seawater desalination plant in Saudi Arabia, with a capacity of 600,000m³/day. The project budget is 544 million dollars (500 million euros).

The Jubail desalination plant, located on the Arabian Gulf coast in the central province of the Kingdom of Saudi Arabia, will increase the water production of Jubail water system by 600,000m³/day. Lantania and MGC will carry out the design, supply, construction, assembly and commissioning of the plant, as well as the seawater intake, outfall and all associated infrastructures.

Saudi Arabia's water resources are scarce, so water desalination has become an essential activity for the country and has positioned it as a global leader in desalinated water. The new Jubail desalination plant is part of the Saudi Kingdom's efforts to diversify its economy and secure water resources in a sustainable manner within the objectives of its 'Vision 2030' plan.

Lantania's third desalination plant in Saudi Arabia

With this project, Lantania reinforces its position as one of the leading desalination companies in the Middle East, one of the world's most water-stressed regions in the world. The Jubail desalination plant will be Lantania's third desalination plant in Saudi Arabia, following the ongoing Ras Mohaisen project, a 300,000 m³/day reverse osmosis desalination plant, and the completion of Jubail 3A in 2023, a seawater reverse osmosis desalination plant that produces 600,000 m³/day of drinking water to supply 1,600,000 inhabitants in the eastern provinces of Riyadh and Oassim.

Once Jubail and Ras Mohaisen desalination planta will be under operation, with these three projects, Lantania will contribute with 1.5 million m³/day of desalinated water to the Kingdom.

This past summer, Lantania also signed a turnkey contract for the construction of a biosolids treatment complex at the NEOM urban megaproject. The company, in partnership with the Saudi company Tawzea, will build and commission a biosolids treatment plant, an Innovation Centre and a Demonstration Centre in Al-Badaa.

In addition to these projects, Lantania is also designing, supplying equipment, and commissioning a wastewater treatment plant for the Red Sea project, which is developing a tourist city on the west coast of Saudi Arabia. The facility has a capacity to treat 16,000 m^3/day of wastewater by means of a lagoon with a surface area of 46 hectares of artificial wetlands that guarantees an adequate quality of water for irrigation.

Outside of Saudi Arabia, Lantania has recently signed its first contract in Tunisia, where it will be responsible for the construction of a desalination plant for Agro Care, one of the main tomato producers in Europe. The plant will have a capacity of 7,500 m^3/day of desalinated water, expandable to 15,000 m^3/day, which will be used to irrigate crops under greenhouses.

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 15 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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