

Lantania begins work on the extension of the Palazuelos de Eresma WWTP (Segovia)

- The project has a timeframe of 15 months and a budget of 2.26 million euros.

Madrid, 31 October 2023. Lantania has started work on the extension of the Palazuelos de Eresma Wastewater Treatment Plant (WWTP) in Segovia. Last August, the Department of Environment, Housing and Land Management of the Regional Government of Castilla y León awarded the company a 2.26 million euro contract to upgrade the facility, in partnership with Obras y Suministros Cuadrado.

The project, funded by the European Union through the NextGenerationEU Resilience and Recovery Facility, has a 15-month implementation period plus one year of operation and maintenance. The expansion will provide Palazuelos with a wastewater treatment plant with treatment capacity for a population of up to 14,250 inhabitants; the current WWTP serves 5,000 people. The works will guarantee a daily treatment flow of 3,600 cubic meters.

The works include the construction of a new storm tank that will double the volume of the current one, prevent rainwater from mixing with wastewater and improve treatment performance. The treatment plant will also have two new biological reactors with a capacity of 950 cubic meters and two secondary decanters with a diameter of 15 meters. The capacity of the sludge line was doubled by the construction of a second thickener and a new centrifuge.

The scope of the works to be carried out includes changes to the wastewater pre-treatment system, which includes equipping the channels with a coarse screen and a fine screen, as well as a new sand and grease remover and a new sand classifier.

Among the planned improvements to the facility is the replacement of the existing equipment and the installation and programming of process control equipment, including new programmable logic controllers and a computer with 'SCADA' software. In addition, the residential area affected by the works will be rebuilt.

About Lantania

Lantania Group builds large transport, water, and energy infrastructures. It develops sustainable solutions to improve quality of life and promote a cleaner and healthier world. The company currently has a work portfolio of more than 650 million euros and assets of more than 200 million. The expansion of the Guadalajara hospital, the construction of the Almodévar dam (Huesca) and the San Jorge solar plant (Castellón), together with the electrification of the first section of the high-speed railway line to Extremadura, are some of Lantania's most important projects. The company is present in Colombia, the United States, Saudi Arabia, Algeria, Morocco, Poland, Portugal, Chile, Slovakia and Bulgaria.