

Press release

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Water technologies

Veolia Water Technologies wins contract to engineer and supply the sludge line of a new wastewater treatment plant in Genoa, Italy



[Veolia Water Technologies Italy](#) has been awarded a contract to engineer, supply, start up and commission the sludge line for the Genoa Area Centrale wastewater treatment plant (WWTP). The new facility will have the capacity to treat the wastewater from 250,000 population equivalent (PE) while the sludge line capacity will reach 500,000 PE.

The new plant will replace the existing Cornigliano WWTP as well as the Volpara sludge plant, which had reached maximum capacity without the possibility to expand. With a total treatment capacity of 45,000 kg of total suspended solids per day, the sludge line at the new Genoa Area Centrale WWTP will also treat sludge from the Sestri Ponente, Punta Vagno and Darsena treatment plants.

Sludge from the primary treatment is digested together with biological sludge from the membrane bioreactor of the new WWTP. It is then mixed with sludge from the other plants and hydrolysed through Veolia's proprietary [Bio Thelys™ process](#) prior to final digestion. This process increases the performance of the digestion stages and significantly improves the production of valuable biogas, which will be reused for cogeneration and to produce steam needed for the thermal hydrolysis process.

This design reduces the volume of sludge that is sent to final disposal, translating to significant savings in operation costs, while sanitizing it and rendering it safe for reuse in agricultural applications.

Olivier Jenoc, CEO of Veolia Water Technologies for southern Europe and Germany, declared: *“The City of Genoa has been working for many years to consolidate, upgrade and improve its wastewater treatment installations. The sludge treatment solution we have put forth will reduce operating costs and improve the sustainability of the Genoa Area Centrale wastewater treatment plant. We are proud to be involved in this project, together with our partners.”*

The start-up of this new facility is scheduled for the first half of 2023. Veolia's contract scope also includes a 12-month supervision service contract.

The construction project was awarded by IREN, one of the largest and most dynamic multi-utility companies in Italy, to a company consortium led by Consorzio Integra.

Veolia group is the global leader in optimized resource management. With nearly 179,000 employees worldwide, the Group designs and provides water, waste and energy management solutions which contribute to the sustainable development of communities and industries. Through its three complementary business activities, Veolia helps to develop access to resources, preserve available resources, and to replenish them. In 2019, the Veolia group supplied 98 million people with drinking water and 67 million people with wastewater service, produced nearly 45 million megawatt hours of energy and treated 50 million metric tons of waste. Veolia Environnement (listed on Paris Euronext: VIE) recorded consolidated revenue of €27.189 billion in 2019 (USD 29.9 billion). www.veolia.com

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