

Press release

Saint-Etienne-du-Grès (France), November 19, 2024.

Industrial civil engineering: NGE selected for large-scale wastewater treatment plant upgrade in northern France.

NGE has been selected as the lead contractor for the consortium responsible for constructing the extension of the Wattrelos wastewater treatment plant (WWTP), the second largest facility in the metropolitan area. This project, led by Saur as the operator and primary contractor, is being carried out on behalf of the European Metropolis of Lille (MEL). The aim is to modernize the WWTP to increase its capacity and accommodate future population growth in the region. This facility plays a crucial role in water treatment for northern France.

The construction work, carried out by NGE, will follow an extremely precise phasing plan to ensure the continuous operation of the treatment plant and strict adherence to deadlines. NGE is leveraging its multidisciplinary expertise by mobilizing several of its specialist teams: civil engineering, earthworks and urban development, pipelines and networks, maritime and river works, and foundations to meet the project's demands.

The first phase of the work includes the construction of a 30,000 m³ underground water storage basin using diaphragm walls and a new inlet channel.

The second phase focuses on building new wastewater treatment basins, primarily based on deep foundations.

NGE will collaborate with local businesses to deliver this project, including Gauthier Dubrulle for roadworks. In terms of local employment, the Group is committed to fulfilling the 9,000 hours of professional integration required by the contract and may even exceed this threshold based on its experience in this area.

The €293 million contract (with 34% allocated to NGE) is set to be completed by 2031 (excluding operations).

With this new wastewater treatment plant project, NGE reaffirms its expertise and position as a trusted partner in delivering industrial civil engineering and water treatment infrastructure. NGE's track record includes numerous projects, such as the Clermont-Ferrand and Bourges plants (France), as well Marrakech and Fquih Ben Salah (Morocco) and, in the Kaolack and Kaffrine regions (Senegal).

Jean Bernadet, President of NGE: *"This project is fully aligned with NGE's strategic roadmap, which places ecological transition challenges at the heart of its development. By contributing in the expansion of the Wattrelos wastewater treatment plant, we are deploying our industrial engineering expertise to address a fundamental regional need: enhancing local water treatment capacities while safeguarding natural resources. This infrastructure represents a long-term investment in the well-being of local communities, reflecting our unwavering commitment to supporting territories like the European Metropolis of Lille (MEL) in creating environmentally responsible and forward-looking solutions that benefit current and future generations."*

This success underscores NGE's ability to address environmental challenges and meet regional needs for sustainable and efficient solutions. It reflects the Group's commitment to supporting local authorities in managing and preserving natural resources.

Key Figures:

- **Client:** European Metropolis of Lille
- **Consortium:**
 - Lead contractor and operator: Saur
 - Water treatment engineering: Stereau
 - Civil engineering: NGE (lead contractor for the civil engineering consortium) and Demathieu Bard
 - Architects: HB Architectes Associés (lead contractor for the architects) and Atelier 9.81
 - Project management and BIM: Artelia
- **Project value:** €293 million, with 34% allocated to NGE
- **Design and construction timeline:** 86 months, including 60 months of planned works (in two phases)
- **Human resources:** 160 NGE employees and subcontractors at peak construction
- **Lifting resources:** 8 tower cranes at peak construction

Scope of works:

- A new Storage and Recovery Basin (BSR) with a 65 m diameter and a usable volume of 30,000 m³
- Widening of the existing inlet channel and creation of a bypass channel and inlet to the BSR (approximately 160 linear meters)
- 12 new treatment structures
- Works within existing structures (while ensuring service continuity)

Key quantities:

- 420 linear meters of diaphragm walls
- 26,500 linear meters of piles
- 10,600 m² of sheet piles (2,025 tons)
- 36,300 m³ of structural concrete (excluding foundations and retaining walls)
- 10,500 linear meters of process networks

About NGE - www.nge.fr/en/

NGE – New Generations of Entrepreneurs – the fourth largest construction group in France, builds major infrastructures and urban or local projects. With its expertise in financing, design, construction, and maintenance, the Group is a key player in delivering infrastructures that address the economic and ecological challenges of the territories. Its

entrepreneurial drive is supported by a strong employee ownership structure (the founders, management, and employees hold 72% of the Group's capital) reinforced by Montefiore Investment, a leading French investment first (28% of the capital). With a turnover of 4 billion euros, NGE operates in 17 countries, supporting private and public clients in financing, designing, and building their transition projects in water, mobility, urban renovation, energy, and telecommunications. NGE's 23,000 employees are proud to contribute to building infrastructures that change the world.

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