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CORY and Hitachi Zosen Inova to Build Energy-from-Waste Plant in UK Capital

A new energy-from-waste plant is set to be built in Southeast London. Client CORY has once again opted to collaborate with Swiss technology provider Hitachi Zosen Inova. Augmenting the existing Riverside Energy Recovery Facility, the new plant would ultimately handle around 650,000 t/a of municipal solid waste from the UK capital.

Swiss clean-tech company Hitachi Zosen Inova (HZI) and CORY, one of the UK's leading players in recycling, energy recovery, and resource management, have signed a joint development agreement setting down the terms of collaboration to develop, plan, and construct the second Riverside Energy Recovery Facility in London. The two companies cooperated successfully to deliver the first Riverside facility in 2011. This is already HZI's eleventh project in the UK.

Nicholas Pollard, CEO of Cory Riverside Energy, is evidently satisfied: "The collaboration with HZI on the first project was a great success. The plant isn't just the largest in the UK, but it's also seen as one of the most reliable. HZI has continually proven its expertise as a technology provider and general contractor."

Energy Park for Carbon-neutral Technologies

Like its sister plant, the new facility would be built on the Belvedere site in Southeast London. Subject to planning approval, construction is scheduled to start in 2021. Both plants will be part of a planned local energy park which would go into operation in 2024. The new facility has the potential to recycle around 650,000 tons of solid municipal waste per year to generate electricity and heat for some 140,000 London households.

"We share Cory's vision of a plant that makes a major contribution to efforts to recycle even more of London's waste and increase the share of fossil-free sources in the UK capital's energy supply," said HZI CEO Bruno-Frédéric Baudouin. "After our successful collaboration on the first project, we look forward to renewing our partnership with CORY to repeat the success of the first Riverside facility."

Besides the energy generated, another point in the project's favor is reductions in carbon emissions. Delivering waste by boat via the Thames reduces the number of truck journeys by around 80,000 a year. The result is a reduction in carbon of around 200 kilos per ton of waste or 120,000 tons a year. This is in line with the mayor of London's plan, and has an extremely positive impact on the city's carbon footprint.

About Hitachi Zosen Inova

Zurich-based Hitachi Zosen Inova (HZI) is a global leader in energy from waste (EFW), operating as part of the Hitachi Zosen Corporation Group. HZI acts as an engineering, procurement, and construction (EPC) contractor delivering complete turnkey plants and system solutions for thermal and biological EFW recovery. Its solutions are based on efficient and environmentally sound technology, are thoroughly tested, can be flexibly adapted to user requirements, and cover the entire plant life cycle. The company's customers range from experienced waste management companies to up-and-coming partners in new markets worldwide. HZI's innovative and reliable waste and flue gas treatment solutions have been part of over 600 reference projects delivered since 1933. To find out more about HZI, please visit www.hz-inova.com.

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