

Media Release, (12 December 2022)

Hitachi Zosen Inova appointed by Cory to build the Riverside 2 Energy from Waste facility

Bringing more sustainable waste management infrastructure to London and the South East of England, further reducing the need for landfill and increasing base-load energy security.

Following the Financial Close on the new Riverside 2 Energy from Waste facility, waste management business Cory Group has once again appointed Hitachi Zosen Inova to build a second energy recovery plant at its Belvedere site on the banks of the River Thames in East London. Once the new Riverside facility is operational in 2026, it will be able to treat c.650,000 tonnes of non-recyclable waste while generating around 61 MWe of electricity (net) – enough domestically-produced energy to power over 140,000 UK households each year.

Belvedere, London, UK: Leading waste and recycling company Cory Group (Cory) has further strengthened its relationship with Hitachi Zosen Inova (HZI) by awarding the Swiss green-tech company with the Engineering, Procurement and Construction (EPC) contract to build its second large-scale energy from waste (EfW) plant at Belvedere in the London Borough of Bexley. The site is adjacent to Cory's existing facility, which was also built by HZI and has been operational since 2011. For HZI, this new project represents its eighteenth EfW project in the UK to date.

Construction will start in early January 2023, with the construction phase set to last nearly four years. The Riverside 2 facility was originally granted planning permission by a Development Consent Order in April 2020 and the plant's owners have also secured an Environmental Permit to operate the plant ahead commercial operations which are set to start in 2026.

The plant will utilise HZI's well-established moving grate technology, which has successfully been deployed across numerous operational EfW facilities in the UK, including the iconic Riverside 1 facility.

"HZI is delighted to have been awarded our second EPC contract with Cory to build the Riverside 2 facility. We thank the Cory leadership team for again choosing HZI to build the second facility, and the great cooperation in developing the project. The location of this new plant is significant for HZI as it will be adjacent to the first Riverside facility, which has now been safely and successfully operating for over a decade," said Fabio Dinale, VP Business Development at HZI. "The new Riverside 2 facility will provide London and South East England with urgently needed EfW capacity, diverting residual waste away from being landfilled and helping to generate more reliable baseload energy in the UK."

Dougie Sutherland, CEO of Cory, said: "I am delighted to be partnering with HZI once again to deliver this world class facility. We are making a significant investment to ensure that we process non-recyclable waste to the highest standards at a site that is enabled for carbon capture and hydrogen production. This facility is being built to deliver a world-class service for the communities, businesses and local authorities that really care about the environment.

"We are always looking for ways to mitigate our environmental impact. Riverside 2 will have the UK's lowest NOx levels, will take refuse vehicles off our roads by transporting waste via the River Thames, and will be connected to one of the UK's largest heat networks."

Proprietary state-of-the-art technologies

The new infrastructure project will be built on land to the east of the existing Riverside 1 facility on the banks of the River Thames in the London Borough of Bexley. The new plant will be equipped with HZI's own technologies such as the HZI reciprocating grate and state-of-the art

boiler. Once operational in 2026, the two-line plant will generate electricity through a steam turbine which will meet strict emission directive requirements and satisfy the high demands placed on modern EfW facilities.

Continuing to build strong partnerships with Cory

The Riverside 2 plant is HZI's second project with Cory and represents an extraordinary growth journey for the Swiss/Japanese greentech company as it embarks on its eighteenth EfW project in the UK and its fourth new scheme within a year to enter their construction phases (*these include the Westfield, Rivenhall, South Clyde and now the Riverside 2 projects*).

Factsheet:

About Hitachi Zosen Inova

Zurich-based green-tech company Hitachi Zosen Inova (HZI) is a global leader in solutions for energy transition and circular economy including Energy from Waste (EfW) and Renewable Gas (RG), operating as part of the Hitachi Zosen Corporation Group. HZI acts as project developer, technology supplier and engineering, procurement and construction (EPC) contractor delivering complete turnkey plants and system solutions for thermal and biological waste recovery. Its solutions are based on efficient and environmentally sound technologies, are thoroughly tested, and can be flexibly adapted to customer requirements. HZI's Service Solutions Group combines its own research and development with comprehensive manufacturing and erection capabilities to provide support throughout a plant's entire plant cycle. HZI works for customers ranging from established waste management companies to up-and-coming partners in new markets. Its innovative and reliable solutions have been part of more than 1,600 reference projects worldwide. To find out more about HZI, please visit www.hz-inova.com.

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About Cory Group

- Cory is one of the UK's leading waste management and recycling companies.
- Cory operates one of the largest energy from waste facilities in the United Kingdom, with a unique river-based infrastructure on the Thames for delivering waste.
- The company currently works directly with eight London Boroughs, including Hammersmith and Fulham, Lambeth, Wandsworth, Bexley, Tower Hamlets, the Royal Borough of Kensington and Chelsea, Barking and Dagenham, and the City of London.
- Key statistics from 2021 include:
 - 782,000 tonnes of non-recyclable waste were diverted from landfill, saving 170,000 tonnes of CO₂ from being released into the atmosphere.
 - 532 GWh of baseload electricity generated.
 - 170,000 tonnes of ash were turned into aggregate for construction.
 - 71,000 tonnes of recyclable waste were sorted.
- Cory is planning to invest more than £1 billion in its operations and river infrastructure over the coming years. This includes the planned Riverside 2 energy from waste facility next to the company's existing facility in Belvedere, and an ambitious decarbonisation project which could deliver 1.4 million tonnes of CO₂ savings per annum by 2030.

For further information, please visit <http://www.corygroup.co.uk/>

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