

Media Release, 25 November 2024

Viridor selects Kanadevia Inova to build the new Tilbury waste-to-energy facility

KANADEVIA INOVA HAS BEEN SELECTED BY VIRIDOR TO DESIGN, BUILD AND COMMISSION A NEW STATE-OF-THE-ART WASTE-TO-ENERGY PLANT IN TILBURY, EAST LONDON.

The new waste infrastructure project, called the Thameside Energy Recovery Facility, will be located at Tilbury Docks. Construction work will commence in November 2024 and the facility is expected to become operational by 2028.

Tilbury, England. Kanadevia Inova (*formerly Hitachi Zosen Inova*) has signed an important engineering, procurement and construction (EPC) contract with Viridor to build a new waste-to-energy (WtE) plant at Tilbury Docks in East London.

The new scheme is a major milestone for Kanadevia Inova, with the Swiss greentech undertaking the role as the principal contractor for Viridor to design, build and commission the Thameside Energy Recovery Facility (TERF). Once completed, the new WtE plant will be Kanadevia Inova's twenty-first WtE project in the UK to date.

Construction work on the TERF is set to commence later this month after the civil engineering and piling programmes have been completed onsite. After the 42-month build and commissioning phases have been completed, the new WtE will commence operating in 2028.

The new combined heat and power-enabled plant will be a highly efficient single-line facility capable of treating up to 350,000 tonnes of non-recyclable waste each year. This will generate 40Mwe, sufficient to power around 93,000 homes. In addition, as the construction phase progresses, Viridor will consider the plant's combined heat and power options together with future carbon capture and storage opportunities.

"The Kanadevia Inova team is delighted to have signed this EPC contract with Viridor. We look forward to starting full construction works on the Thameside Energy Recovery Facility later this month, which will also be our twenty first-plant in UK to date," said Fabio Dinale, Executive VP of Business Development at Kanadevia Inova. "Once construction is completed in 2028, this highly efficient facility will safely and efficiently treat around 350,000 tonnes of non-recyclable waste each year, generating vital baseload energy to power homes and businesses."

"We have a great working relationship with Kanadevia Inova!" says Leon Brackstone, Project Lead and Senior Development Manager at Viridor. "On previous projects, the teams from Kanadevia Inova have always impressed us not only by delivering on time and within budget but also with their unbeatable safety record. They were our first choice for this project and we look forward to working with them."

To find out more about Viridor's Thameside ERF, please visit <https://viridor.co.uk/energy/energy-recovery-facilities/thameside-erf/>

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About Kanadevia Inova:

Kanadevia Inova, formerly known as Hitachi Zosen Inova, is a global greentech leader that pioneers innovative solutions for the energy transition and circular economy.

Based in Zurich and employing 3,000 people in 17 countries, Kanadevia Inova specialises in waste to X (WtX) and renewable gas (RG), delivering turnkey plants and system solutions that transform waste into valuable resources through cutting-edge technology.

As part of Kanadevia Corporation, our mission is to bring value to communities and contribute to a future free of wasted waste. We take an innovative approach at every stage, from project development, engineering and construction (EPC) to end-to-end support throughout a plant's life cycle. By integrating advanced technology and continuous research and development, we ensure each project is tailored to achieve optimum performance.

With over 1,600 reference projects completed globally, our team delivers innovative, customer-centric solutions to both established leaders and partners in emerging markets.

Find out more about our company at www.kanadevia-inova.com.

About Viridor:

Viridor is a leading UK recycling, resource and energy recovery company. With a commitment to sustainability, Viridor works to reduce waste, enhance recycling efforts and generate renewable energy.

Images:

Please feel free to publish the attached artist's impression of the Thameside Energy Recovery Facility, crediting it as: *Courtesy of Viridor 2024*.

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