

## Media Release

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# Kanadevia Inova Completes Construction on the Skelton Grange Waste to Energy Hub

A NEW WASTE TO ENERGY FACILITY IN LEEDS HAS COMPLETED ITS CONSTRUCTION PHASE, WITH THE FACILITY DIVERTING NON-RECYCLABLE WASTE AWAY FROM LANDFILL

**Leeds, England.** A major milestone in the UK's sustainable waste management journey has been reached with the successful completion of the construction phase on the Skelton Grange Waste-to-Energy (WtE) facility in Leeds. Developed by enfinium Skelton Grange Limited and designed and built by Kanadevia Inova, the plant will deliver significant environmental and energy benefits across West Yorkshire and neighbouring regions.

Construction began in July 2021 on the site of the former Skelton Grange Electricity Works, marking a transformative reuse of brownfield industrial land. Now the state-of-the-art WtE facility will process up to 410,000 tonnes of non-recyclable municipal and commercial waste annually, generating up to 49MW (gross) of electricity – enough to power over 100,000 UK homes.

The facility features Kanadevia Inova's advanced moving grate technology and the sophisticated XeroSorp® dry flue gas cleaning system, enabling the facility to meet stringent emission standards. The plant will also deliver outstanding environmental performance and high availability to the operator. The cutting-edge design of the two-line plant will divert large quantities of non-recyclable waste from landfill. On a wider scale, the new WtE facility will play a vital role in the UK's transition to a circular economy by recovering energy and valuable materials, such as post-treatment ash, ferrous/non-ferrous metals, which will be reused or recycled.

## A Proven Long-Term Partnership

The new Skelton Grange facility marks the continuation of a strong partnership between enfinium and Kanadevia Inova, who previously delivered the highly regarded Ferrybridge 1 and Ferrybridge 2 WtE plants, also located in West Yorkshire. Kanadevia Inova continues to be very active in the UK market, advancing several other WtE construction projects, providing operations expertise, and leading the UK's rollout of advanced waste recovery and carbon capture infrastructure to help combat climate change.

"Kanadevia Inova is proud to have built the Skelton Grange facility for our long-standing client enfinium," said Daniel Dreier, Executive Vice President Waste to X & Renewable Gas Plants. "This facility is a testament to the value of modern waste to energy plants in contributing to the UK's journey to deliver sustainable waste management. Diverting valuable non-recyclable residues from landfill and investment in world-leading waste infrastructure which will benefit current and future generations."

Mike Maudsley, CEO of enfinium, said: "The launch of our latest facility is a major step forward in our work to deliver UK-wide decarbonisation, powered by waste. Now operational, the Skelton Grange WtE plant will play a key role in building a more circular economy – turning

unrecyclable waste into electricity and supplying low-carbon heat for local homes and businesses for years to come. I'm hugely grateful to our team and Kanadevia Inova for their dedication in bringing this important project to life."

The Skelton Grange WtE hub is expected to operate as one of the most efficient and reliable waste-to-energy plants in the UK, further advancing the country's environmental targets and supporting local energy resilience.

To find out more about enfinium's Skelton Grange facility, please visit <https://enfinium.co.uk/facilities/skelton-grange/>.

## **ENDS**

### **About Kanadevia Inova**

Kanadevia Inova, formerly Hitachi Zosen Inova, is a global green-tech leader that pioneers innovative solutions for the energy transition, the circular economy and decarbonisation.

Headquartered in Zurich and employing over 3,300 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 and biogenic residues into valuable resources.

As part of Kanadevia Corporation, our mission is to bring long-term value to society and contribute to a future free of wasted waste. We take a holistic approach – from project development, engineering, procurement and construction (EPC) to service throughout a plant's life cycle. By integrating advanced technology and continuous research and development, we ensure that each project is designed to achieve optimal performance.

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

Find out more about our company at [www.kanadevia-inova.com](http://www.kanadevia-inova.com).

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