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Press Release from AFRY

AFRY awarded engineering assignment for UK's first full-scale carbon capture facility

AFRY has been awarded an engineering assignment by Kanadevia Inova in connection with the development of the UK's first full-scale carbon capture facility, in waste-to-energy.

The project is being developed by Encyclis, a leading owner and operator of energy-from-waste facilities in the UK, together with the greentech company Kanadevia Inova acting as engineering, procurement and construction (EPC) contractor for the carbon capture plant.

As part of the project, AFRY will deliver detailed engineering services for steel structures and piping systems related to the integration of the carbon capture plant with an existing energy recovery facility. The scope includes mechanical and piping detail engineering, structural calculations, support systems, and associated technical documentation.

The carbon capture facility represents a major step forward in decarbonizing energy-from-waste operations and forms part of the wider HyNet North West decarbonization cluster, a regional collaboration for carbon capture, hydrogen and reduced industrial emissions in north-west England. Once in operation, the facility is expected to significantly reduce carbon dioxide emissions by capturing both fossil and biogenic CO₂ from the waste-to-energy process.

"Carbon capture is a key technology in the transition to net zero, and this project demonstrates how it can be implemented at full industrial scale," says Guy Skantze, Head of Segment Chemicals & Biorefining, AFRY. "AFRY's experience in complex industrial integration projects and energy infrastructure enables effective delivery in close collaboration with our client and partners."

The project further strengthens AFRY's position as a trusted engineering partner within carbon capture and industrial decarbonization projects across Europe.

For further information, please contact:

Erika Bjerner
Head of Communications, Global Division Industry
erika.bjerner@afry.com

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