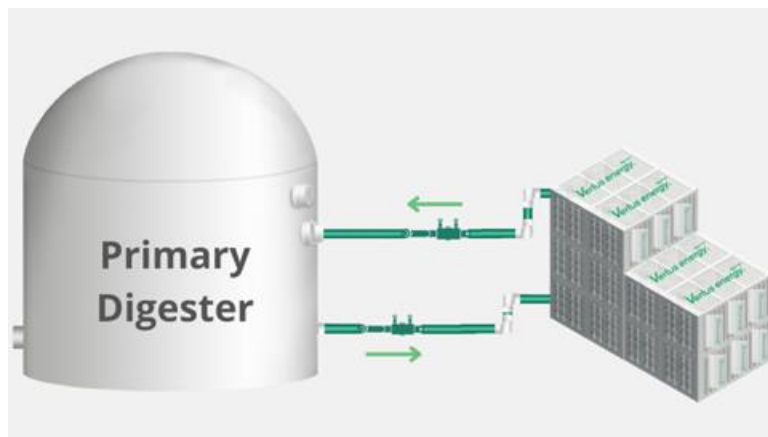


April 16, 2025

Chiyoda Corporation signs an MOU with Vertus Energy AG to collaborate in commercializing methane fermentation efficiency technology

Chiyoda Corporation (Chiyoda) is pleased to announce the signing of a Memorandum of Understanding (MOU) with Vertus Energy AG, aimed at expediting the development and commercialization of Vertus Energy's BRIO, their Bio-Synthesis Platform flagship product.

Vertus Energy is an industrial biotechnology company pioneering the Waste to X industry by developing and commercializing groundbreaking technology, which can be retrofitted to existing biomethane facilities to generate up to 60% more energy per unit of raw material up to three times faster, with advanced control of bacteria behavior, compared to traditional anaerobic fermentation.



Installation of Vertus Energy's Technology to Existing Biomethane Facilities

Anaerobic fermentation technology, used to produce biogas from waste, is utilized as a fuel for biomass power generation and as a raw material for biomethane production. Vertus Energy's expertise in managing bacteria behavior enhances methane production and generation speed through anaerobic fermentation substantially, contributing to CO₂ reduction on a global scale.

Under the MOU, Chiyoda's expertise in engineering and project execution will combine with Vertus Energy's groundbreaking Waste to X technology, contributing to the development of a sustainable society.

As an integrated engineering company, Chiyoda is committed to the EPC business and to advancing innovative technology, as we continue contributing to the development of sustainable society under our purpose of 'Enriching Society through Engineering Value'.

Benjamin Howard, Co-Founder/Chief Operation Officer of Vertus Energy:

We are thrilled to formalize this MOU with Chiyoda Corporation, marking a significant addition to the

commercialization pathway for our BRIO technology. BRIO, our Bio-Synthesis Platform flagship product, will transform the Anaerobic fermentation industry with significantly higher biomethane production from the same amount of waste. This partnership is the culmination of three years of dedicated collaboration, and we are excited to partner with Chiyoda Corporation and leverage their exceptional expertise in engineering and large-scale project execution. Together, we are poised to accelerate the deployment of innovative energy solutions that will drive sustainable impact globally. This agreement underscores our shared commitment to advancing clean energy technologies and delivering transformative projects at scale and is a key step towards Vertus' purpose, 'Delivering Energy Justice for All'.

Vertus Energy

- Headquarters: 10 Kohlmarkt, Vienna, Austria, 1010
- Established: 2021
- Main Business: researching, developing and commercializing novel technologies in the anaerobic fermentation industry to produce green chemicals globally.

For further information, please contact:

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