

Press release 24th February 2021

BIOGEST builds biogas plant in South Korea

- **BIOGEST extends its Asian references**
- **190 kW Agricultural & Food-Waste2Energy-Plant**

Changnyeong/Vienna: BIOGEST received an order to build an agricultural and food waste biogas plant in the southern region of South Korea. The project, which is located close to Daegu, has been developed in cooperation with HC Energy and DoBangYukJong Farm, and is supported by the Changnyeong-gun city office. The BIOGEST PowerRing biogas plant will be an important reference plant to attract further local projects. The expanding energy gap, technology growth and population density has greatly increased the importance of renewable energy resources. Biogas production from animal, agricultural and food waste is one of the most rapidly expanding sectors of renewable energy.

The biogas plant is fed with pig slurry and the food waste will be delivered from an organic waste collection point. BIOGEST's proven biogas plant technology offers significant advantages in energy efficiency and operational safety, as well as an easy and cost-efficient maintenance system. The plant is able to produce both electric and thermal energy. During the process, 13,000 tonnes of pig slurry and 5,000 tonnes of food waste, are transformed into high-quality organic fertilizer that acts as a substitute for chemical products. In addition, the air quality of the pig farm can be improved.

HC Energy CEO Kim Hwa Su *"HC Energy will build BIOGEST's and Korea's first PowerRing biogas plant in Dobang Yukjong, Changnyeong-gun. Starting with the success of the first project, we hope that the supply of anaerobic biogas plants will be further spread in Korea."*



Picture (1): Expected stereoscopic drawing (1)



Picture (2): Expected stereoscopic drawing (2)

BIOGEST® is a biogas plant manufacturer and operator headquartered in Vienna, Austria. As a renewable source of energy, biomethane offers technological, environmental, and economic advantages: energy is generated 24/7, all year round, and therefore plays an important role in reducing carbon emissions and greening the transport sector. In addition to helping achieve climate protection goals, biomethane also leverages farm income and reduces reliance on market price for agricultural goods. Decentralised energy generation also guarantees sustainable local development.

HC Energy is a South Korean company headquartered in Changwon and has more than 12 years' experience in the renewable energy sector. Over the past few years, HC Energy has focused on developing several biogas plant projects in Korea and is the License Partner of BIOGEST since 2018.

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