



Plant for Food Waste

Gyeonggi-do, South Korea

Project data

Commissioning: 2021
Input materials: 80,000t/a food waste

Technical data

Pre-storage: existing pit
Digester: 1x 6,197m³ (Ø 29.94m, H 8.80m)
1x 2,734m³ (Ø 20.73m, H 8.80m)
Gas boiler: 7 MW thermal

Characteristics

The food waste from regional households are already processed when they are delivered and enter the plant as liquid mix.

The biogas is then converted into heat in gas boilers with a thermal output of 7 MW. The sustainable cycle is completed by processing the digestion residues in a clarification stage. The remaining solid matter is then composted.



Control room



The digesters are built in a modular design. This allows for quick and easy assembly on site.



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