



The EnviWaste biogas plant in Kishiwada, Osaka (Japan)

Planning

Implementation

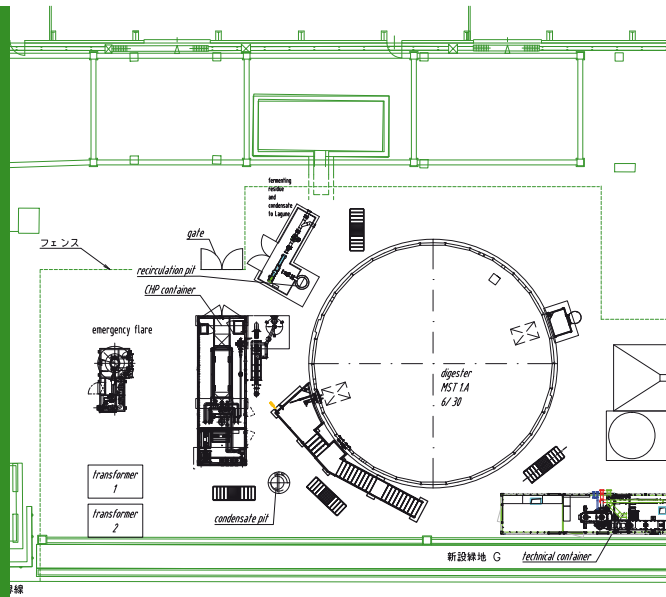
Commissioning

Operation

Service



- ← The Kishiwada biogas plant is one of about 600 biogas plants in Japan.
- On account of the small building area, the transportation and installation of the components had to be coordinated with a high degree of precision.



Kishiwada Biogas Plant, Osaka (Japan)

- Location:** Kishiwada, Osaka (Japan)
- Capacity:** 250 kW_{el}
- In operation since:** March 2015
- Input materials:** Food waste
- Features:** The EnviWaste plant that features a compact container structure is operated exclusively on the basis of food waste. It feeds electricity into the public grid.

An overview of the Kishiwada biogas plant

EnviTec Biogas has entered the relatively young Japanese biogas market with a 250 kW_{el} biogas plant. The EnviWaste plant in Kishiwada (a city of Osaka) has been feeding electricity into the network since 27 March 2015. This means that the feed-in operation was in punctual compliance with the date that was targeted for the initial feed-in operation. The plant was designed and engineered in cooperation with the Japanese partner RENAGEN. RENAGEN is part of the REMATEC Group, which is a large waste material recycling company in Japan and south-east Asia. The target of the cooperation is the expansion of the biogas market in Japan.

The plant consists of a digester which has a size of 853 cubic metres. It converts about 17 tonnes of food waste that comes from a nearby unpacking and processing plant into biogas every day which is burned in a combined heat and power plant (CHP). The electricity is fed into the public network.