



TTV OX PARIS

FR

TTV THÖNI HIGH SOLIDS ANAEROBIC DIGESTION

Plant data

Customer:
GICON - Großmann Ingenieur Consult GmbH /
France Biogas Valorisation SARL

GICON[®]
Großmann Ingenieur Consult GmbH

www.thoeni.com

Plant data

Commissioning:
2024

Input:
260 t/a OFMSW, sewage sludge, horse manure

Digester:
TTV OX Micro plug-flow fermenter

Raw biogas:
37.000 Nm³/a

thöni[®]



PLANT AND PROCESS

The Principal consortium Cométha, consisting of Sycdom and SIAAP, entered into a partnership several years ago for a joint project for the methanisation of organic matter from municipal waste and wastewater in the greater Paris area. The TTV Thoeni containerised High Solids Anaerobic Digestion plant is located on the site of the existing SIAAP „Seine Gresillons“ wastewater treatment plant in Triel-sur-Seine in Paris, France.

The special feature of this project is its compact design, as the entire digester technology is integrated into a single container with standard dimensions. A specially developed micro plug-flow digester enables the digestion of OFMSW, sewage sludge and horse manure at the site of the AD-plant near Paris.

Around 260 tonnes of organic materials from municipal waste and wastewater from the greater Paris area are processed into 37,000 Nm³ of raw biogas in this plant every year. The actual digestion process and biogas utilisation with the associated electricity and heat generation or gas upgrading run all year round without interruption.

The new small-scale digestion plant has been operating successfully since 2024.