



Plant for sewage sludge Burgebrach, Germany

Project data

Commissioning: April 2016
 Input materials: 16m³/d sludge with 4-4.5% dry matter

Technical data

Entry system: Pump
 Digester: 420m³ (Ø 9.21m, H 6.30m)
 Gas storage roof: max. 68m³
 CHP: 28kW_{el} + 58kW_{th}

Characteristics

In the 13,000-p.e.-WWTP in Burgebrach, the operator used to stabilise the sludge without using the digestion gas. Through the installation of the digestion unit, there was established a sustainable, climate-friendly energy concept and can reduce the amount of sludge. In total, the COD load in the wastewater will be reduced by about a third. Also the minimisation of odour emission was another decisive factor in favour of an anaerobic stage.

However, the plant upgrade also delivers financial advantages: The said benefits and the bonus under the German Combined Heat and Power Act (KWKG) will result in a yearly cost advantage in the medium five-digit range.



Due to the modular construction, the V4A digester is built within a very short time.



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