



Plant for renewable products

Varazdin, Croatia

Project data

Commissioning: December 2016
Extension: February 2018
Input materials: Pig slurry
Maize silage

Technical data

Entry sytem: Pump system
2x35m³ dosing feeder
Pre-storage: existing pit
Digester: 1x1,716m³ (Ø18.62m, H 6.30m)
1x1,823m³ (Ø 19.19m, H 6.30m)
CHP: 250kW_{el}
300kW_{el}
Miscellaneous: Grain & wood chips dryer

Characteristics

A pig farmer has built the AD plant directly beside the also newly erected pigsty with 130 sows and 2,800 porkers. His goal is to strengthen the farm`s cycle of food production, slurry utilisation and energy production. Thus, he has created a third solid pillar besides agriculture and feed production as well as pig fattening and direct marketing. The entire digestate is used as fertiliser on the farm`s fields, which amount to more than 300 ha.



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