



# Plant for sewage sludge

## Erd, Hungary

### Project data

Start of construction: 2012  
Commissioning: 2012  
Input materials: sewage sludge  
180m<sup>3</sup>/d with 5.5 – 6% dry matters

### Technical data

Digester: 2x 2,000m<sup>3</sup>  
CHP: 2x 250kW<sub>el</sub>  
(one partially on natural gas)  
Miscellaneous: Thickeners  
Belt filter presses  
Boilers (partially on biogas)

### Characteristics

The wastewater treatment plant (wwtp) in Erd has a capacity of 140,000 PE. The two bioreactors were built when the overall wwtp was renovated. The sewage sludge is firstly thickened to a dry matter content of 5.5 – 6%, after which the sludge is collected in a pit and pumped into the digesters.

After the anaerobic digestion, the residue is thickened in belt filter presses, collected in containers and landfilled. All produced electricity is used on site.



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