



Verbiostraw

NER 300

The project

Technology category: Bioenergy
Location: Schwedt, Brandenburg, Germany
Max. NER 300 funding: EUR 22.3 million
Final investment decision: August 2011
Entry into operation: September 2014

State of advancement

In 2016, Verbiostraw was able to stabilise the production close to the expected values. The production was increased by nearly 50 % compared to 2015.

Outlook for coming year

In 2017, Verbiostraw will increase the production to a capacity value of 10-12 MW and the stability of high production volumes will be improved.

Outlook for coming 5 years

Finalise the process modules in the plant.
Ramp up production to the final value of 16.5 MW by 2019 and multiply plant concept for another location in Germany.

Project sponsor

Verbio Ethanol Schwedt GmbH & Co KG

Project website

www.verbio.de
www.verbiogas.de

Project summary

The Verbiostraw plant is a biogas plant which converts 100 % straw in a monofermentation-, anaerobic digestion process into biogas. The biogas is cleaned to natural gas quality and fed as bio-methane into the gas grid. The bio-methane is targeted for the CNG transport-fuel market as bio-component. Alternatively the bio-methane can be sold for electricity generation.

The Verbiostraw biogas plant was built as extension to the existing bioethanol-biogas plant of the VERBIO Ethanol Schwedt GmbH to benefit from existing infrastructure and logistics. The plant is located on the site of the PCK-oil-refinery. The starting capacity of the plant was 8 MW and is being increased step by step to the final capacity of 16.5 MW within the next two years.