



PowerCrop - Russi

Akuo Energy - CBN

JG Pears - Newark

Tilbury Green Power

Østkraft

Cofely - Biolacq Energies

Cofely - BES VSG

Cofely - SODC Orleans

Rothes CoRDe

Zignago Power

Cofely - BCN

Verdo Production - Randers

Western Wood Energy Plant

FunderMax - Neudörfel

Linz-Mitte

Boehringer Ingelheim

Schneider - Biopower

Swiss Krono - Heiligengrabe

Pfleiderer - Neumarkt

Pfleiderer - Gütersloh

Egger - Pannovoges

EPR - Glanford

Aalborg Energie Teknik a/s Biomass CHP Plant

FunderMax Neudörfel, Austria

FunderMax Biomasse Energieanlage is a biomass-fired combined heat and power (CHP) plant in Neudörfel, Austria.

The biomass CHP plant is built and operated by the chipboard manufacturing group, FunderMax.

Very High Availability

Even with the A1 - A4 fuel, the plant is able to operate up to 8493 hours per year without any manual cleaning, which ensures a stable steam supply for the manufacturing process. In 2013 the availability was 97%.

AET Supply

AET designed, supplied, constructed and commissioned the following:

- | AET fuel feeding and dosing system
- | [AET Combustion System](#) with AET Spreader Stoker and AET-Biograte
- | AET dust firing system
- | Gas burners
- | [AET Biomass Boiler](#) with superheater and economiser
- | AET Combustion air system
- | [AET SNCR DeNOx system](#)
- | Steam-driven thermal oil heat exchanger
- | Feed water system
- | Water treatment plant
- | Ash handling system
- | Bag filter with absorbent injection system
- | Flue gas system and stack
- | Piping and ducting
- | Electrical systems
- | Insulation
- | Structural steel
- | Platforms and stairs
- | Instrumentation
- | PLC control and SCADA system.

The AET Biomass CHP station was completed and commissioned in 2006.

Additional Information

- | FunderMax uses waste from production processes to produce energy. "We use those biogenic and non-fossil energy sources that have the least impact on the climate in a state-of-the-art manner, thus making an active contribution to the reduction of greenhouse gas emissions." [Read more](#)

Questions? Need detailed information?

To obtain more information about this biomass plant and/or generally about AET:

[Contact AET sales here](#)

Boiler:	50 MW _{fuel heat input}
	80 bara
	455°C
Electrical:	10 MW _e
Process energy:	8 MW _{thermal oil}



The FunderMax Biomasse Energieanlage is a biomass-fired combined heat and power (CHP) plant in Neudörfel, Austria.



The FunderMax biomass fired CHP plant uses waste wood from the production of plywood as fuel.



Fuel conveyer line.



Rothes CoRDe Ltd is a biomass-fired cogeneration plant in Scotland fuelled by a whisky by-product and clean wood.

[Read more about Rothes CoRDe.](#)



The SODC Orléans cogeneration plant supplies district heating to 15,000 homes, equivalent to 27% of the city of Orléans.

[Read more about SODC Orléans](#)



In Landes, France, a 50 MW biomass-fired plant was successfully delivered to Cofely Engie (former GDF SUEZ) in May 2015.

[Read more about BES VSG.](#)



The Biolacq Energies project, in Lacq, is a biomass-fired CHP plant of 54 MW, that utilises forestry wood, and clean, uncontaminated residues from wood processing.

[Read more about Biolacq](#)

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Zignago Power s.r.l.–successfully producing Green Energy in Italy

The 49 MW Zignago Biomass power plant in Italy, owned and managed by Zignago Power s.r.l., belonging to the Marzotto family empire, has since its installation in 2013 been running with a very high availability (98.8%). The plant utilises wood residues and agricultural waste such as straw, miscanthus and maize. [>Read more](#)

