



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 (AET) Biomass Boiler Plant

ENGIE COFELY, SODC Orléans, France

The SODC Orléans plant supplies district heating for the northern part of Orléans. The district heating network covers 15,000 homes, equivalent to 27% of the city of Orléans.

The wood (110,000 tons/year) is supplied within a radius of 150 kilometers and is based on three fuel resources: forestry products, residues from sawmills, and clean recycled wood.

The plant has been completed and commissioned in february 2015.

AET Supply:

AET has designed, constructed and commissioned the following scope of supply:

- | AET Fuel dosing system
- | [AET Combustion System](#) with AET Spreader Stoker and AET-Biograte
- | Oil burner
- | [AET Biomass Boiler](#) with superheater and economiser
- | AET Combustion air system
- | AET Steam air preheaters
- | Bag filter with lime injection system
- | Flue gas system and stack
- | Ash handling system
- | Air compressor system
- | Piping and ducting
- | Insulation
- | Structural steel for boiler
- | PlatformS and stairs
- | Instrumentation
- | PLC control

Further Information

- | Biomass has become a rapidly increasing energy source for ENGIE COFELY, which has experienced an increase in the number of projects using biomass, including SODC Orléans. [Read more](#)

Questions? Need detailed information?

Please get more information about this biomass plant and/or generally about Aalborg Energie Teknik a/s:

[Contact AET sales here](#)

Boiler:	37 MW _{fuel heat input} 122 bara 525°C
Electrical:	8 MW _e
Process energy:	25 MW _{district heating}



The biomassfired CHP plant in Orléans was commissioned in 2015.



The Orléans CHP plant.(2.11.2014).



The Cofely-SODC cogeneration plant is using wood from forestry, residues from sawmills and clean recycled wood.



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](#)

FOCUS ON

[> Read full Focus](#) [> Go to Archive](#)

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](#)



www.aet-biomass.com // [Home](#) // [References](#) // [Biomass-fired Plants](#) // [Cofely - SODC Orleans](#)

[> Cookies](#) // [> Sitemap](#) // [> Terms of use](#) // © AET

Aalborg Energie Teknik a/s Alfred Nobels Vej 21 F 9220 Aalborg East, Denmark Tel +45 96 32 86 00 aet@aet-biomass.com