



PowerCrop - Russi

Akuo Energy - CBN

JG Pears - Newark

Tilbury Green Power

Østkraft

Cofely - Biolacq Energies

Cofely - BES VSG

Cofely - SODC Orleans

Roths 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 Cogeneration Plant

ENGIE Cofely, Biolacq Energies, France

The Biolacq Energies project, in Lacq, is a biomass-fired CHP plant with an annual fuel input of 160,000 tons of forestry wood, and clean, uncontaminated residues from wood processing.

Biolacq Energies which is a subsidiary of Cofely Services, supplies steam to SOBEGI at the INDUSLACQ Industrial Park.

The use of wood energy prevents the release of 86,000 tons of CO₂/year in the next 20 years. It produces 89 GWh of green electricity per year, which is equal to the power consumption of 13,000 homes.

The plant was completed and commissioned in 2016.

AET Supply

AET has designed, supplied, 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
- | Waste water conditioning
- | Piping and ducting
- | Insulation
- | Structural steel for boiler and boiler house and cladding
- | Platforms and stairs
- | Instrumentation
- | PLC control

Additional Information

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

Questions? Need detailed information?

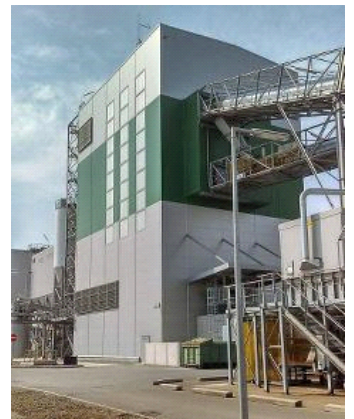
To obtain more information about this biomass plant and/or generally about Aalborg Energie Teknik a/s:

[Contact AET sales here](#)

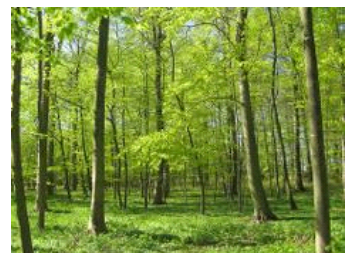
Boiler:	54 MW _{fuel heat input} 120 bara 525°C
Electrical:	12 MW _e
Process energy:	38 MW _{thermal heating}



The AET Biomass Boiler at Biolacq Energies in France (20.3.2015).



The Biolacq CHP plant was commissioned in 2016.



The wood comes from uncontaminated residues from the processing of 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](#)

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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](#)



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