



FROM BIOMASS TO GREEN ENERGY

AET Biomass Boilers and plants are designed for:

- High availability
- High efficiency
- High fuel flexibility
- Low maintenance costs

Welcome to a Greener World - 24/7

Aalborg Energie Teknik a/s (AET) is a leading, independent engineering and contracting company supplying biomass-fired boiler plants, power plants and combined heat and power plants (CHP) in the size range of 25 to 170 MWth.

The business comprises design, engineering, delivery and service of plants fired with all forms of biomass. The well-proven [AET Biomass Boiler](#) and [AET Combustion System](#) are based on more than 30 years of hands-on experience with industrial processes, steam generation and biomass combustion.

The company has a well-known and recognised reputation for supplying biomass-fired boilers and plants with exceptionally [high efficiencies](#), [high availabilities](#), [high fuel flexibility](#) and low emissions. Moreover, with very low maintenance costs, the AET biomass-fired plants ensure you, as an investor, a viable business case.

Examples of high-performing AET biomass-fired plants:

	Efficiency	Availability
Biomass Boiler Plants	91 - 94%	8400 - 8550 hours/year
Biomass Cogeneration Plants	45 - 105% (net)	8300 - 8500 hours/year
Biomass Power Plants	28 - 38% (net)	8300 - 8500 hours/year

Examples of different biomass fuels in plants provided by AET:

Clean wood:	PowerCrop-Russi (IT) , AKUO-CBN (FR) , ENGIE COFELY-Biolacc (FR) , ENGIE COFELY-BES VSG (FR) , ENGIE COFELY-Orleans (FR) , ENGIE COFELY-BCN (FR) , Western Wood E.P. (GB) , Linz Mitte (AT)
Wood, by-products:	Rothes CoRDe Ltd (GB)
Waste wood, dust:	Tilbury Green Power (GB) , FunderMax (AT) , Swiss Krono (DE) , Pfleiderer-Gütersloh (DE)
Wood, Meat and Bone Meal (MBM), straw, poultry litter:	JG Pears (GB) , Zignago Power (IT) , EPRL-Fibrogen (GB) , EPRL-Fibropower (GB) , Slagelse (DK)
Coal to biomass conversion:	Østkraft (DK) , Verdo-Randers (DK) , Boehringer Ingelheim (DE)

To find out more about what we can do for you – [Contact our Sales Team](#)

NEWS

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19.12.2018

In NOV 18, AET has commissioned yet another custom AET SNCR DeNOx System to reduce NOx emissions: this time at De Danske Gærfabrikker in Grenå (DK) for their solid-fueled boiler. [Read more...](#)



A major milestone was reached when First Fire was celebrated at the biomass cogeneration plant near Newark, Nottinghamshire in England. [Read more...](#)



Aalborg Energie Teknik a/s (AET) Wins the EY Entrepreneur of the Year Award in the Region of Northern Jutland [Read more...](#)



AET has secured an order for a 30 MWe biomass-fired power plant to be built in Russi near Ravenna. [Read more...](#)

VIDEO

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Video from Cofely GDF SUEZ: The BCN biomass CHP plant, one of the largest in France.

[Watch Video](#)


Biomass - A Renewable Energy Source. Testimonials from customers about biomass fired plants supplied by AET.

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This video follows the construction of the Cofely CHP Plant and explains about the process of cogeneration.

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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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