



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)

NEWS

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16.5.2019
Aalborg Energie Teknik a/s (AET) hands over turnkey biomass-fired cogeneration plant in France [Read more...](#)



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...](#)

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. [Watch Video](#)



This video follows the construction of the Cofely CHP Plant and explains about the process of cogeneration. [Watch Video](#)

FIRST COMING EVENTS & EXHIBITIONS

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AET participates in: ICCI, 28.-30. MAY, 2019, Istanbul Expo Center, TR.

[Contact sales to book a meeting.](#)



AET participates in: PowerGen, 12.-14. NOV, 2019, Paris Expo Porte de Versailles, FR.

[Contact sales to book a meeting.](#)

LATEST COMMISSIONED PROJECTS

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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](#)



Tilbury Green Power is a 125 MW waste wood-fired plant, which commenced operations in 2017.

[Read more about Tilbury Green Power](#)



JG Pears – Newark is a 42 MW MBM-fired cogeneration plant, which commenced operations in 2018.

[Read more about JG Pears - Newark](#)



Akuo Energy - CBN is a 63 MW wood-fired cogeneration plant, which commenced operations in early 2019.

[Read more about Akuo Energy - CBN](#)

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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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