



## 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

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 wellknown 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 plants ensure you, as an investor, a viable business case.

### Examples of high performing AET Biomass-fired Plants:

	Efficiency	Availability
<a href="#">Biomass Boiler Plants</a>	91 - 94 %	8400 - 8550 hours/year
<a href="#">Biomass Cogeneration Plants</a>	45 - 105 % (net)	8300 - 8500 hours/year
<a href="#">Biomass Power Plants</a>	28 - 38 % (net)	8300 - 8500 hours/year

### Examples of different biomass fuels in existing plants AET has provided:

Uncontaminated wood:	<a href="#">AKUO - CBN (FR)</a> , <a href="#">ENGIE COFELY - Biolacq Energies (FR)</a> , <a href="#">ENGIE COFELY - BES VSG (FR)</a> , <a href="#">ENGIE COFELY - SODC Orleans (FR)</a> , <a href="#">ENGIE COFELY - BCN (FR)</a> , <a href="#">Western Wood E.P. (GB)</a> , <a href="#">Linz Mitte (AT)</a>
Wood & by-products:	<a href="#">Rothes CoRDe Ltd (GB)</a>
Waste wood & dust:	<a href="#">Tilbury Green Power (GB)</a> , <a href="#">FunderMax (AT)</a> , <a href="#">Swiss Krono (DE)</a> , <a href="#">Pfleiderer-Gütersloh (DE)</a>
Wood, MBM, straw / poultry litter:	<a href="#">JG. Pears (GB)</a> , <a href="#">Zignago Power (IT)</a> , <a href="#">EPRL-Fibrogen (GB)</a> , <a href="#">EPRL-Fibropower (GB)</a> , <a href="#">Slagelse (DK)</a>
Coal to biomass conversion:	<a href="#">Østkraft (DK)</a> , <a href="#">Verdo Randers (DK)</a> , <a href="#">Boehringer Ingelheim (DE)</a>

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

## NEWS

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8.5.2017  
AET has secured an order for a 30 MWe biomass-fired power plant to be built in Russi near Ravenna. [Read more...](#)



3.5.2017  
AET participates in ICCI 2017 in Istanbul. Come and visit us at the ISTANBUL EXPO CENTER, Hall 10 Booth nr. B105, 3-5 May. [Read more...](#)



20.2.2017  
Steam blowing at Tilbury Green Power. The steam blowing is an important milestone in the project, and all plans and budgets are followed. [Read more...](#)

5.12.2016  
AET receives order for 63 MW CHP plant. The new plant CBN, will be located in Novillars, France. [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

[> GO TO ALL EVENTS AND EXHIBITIONS](#)


AET participates in: Bois Energie, 15-16 MAR - 2017. Grenoble, FR. ALPEXPO

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



AET participates in: Electrify, 19-21 JUN 2018, Vienna, AT. Wien Exhibition & Congress Center. Stand: AF09

[Contact sales to book a meeting](#)



AET participates in: Pollutec, 27-30 NOV 2018, EUROEXPO Lyon, FR.

[Contact sales to book a meeting](#)

## LATEST COMMISSIONED PROJECTS

[> GO TO ALL BIOMASS PROJECTS](#)



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 forestrywood, and clean, uncontaminated residues from wood processing.

[Read more about Biolacq](#)

## FOCUS ON

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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 wellknown Marzotto family, 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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