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Inauguration of the biomass cogeneration facility for the Cofely GDF-SUEZ Saipol plant in Grand-Couronne (BCN)

The Bio Cogelyo Normandie (BCN) is a biomass fired CHP plant with an annual fuel input of 165,000 tons of forestry-wood, and clean, uncontaminated residues from wood processing. It is one of the largest combined heat and power plants in France.

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"Biomass - a renewable energy source" goes behind the scenes of one of the leading engineering and EPC contracting companies within the biomass-fired power and CHP plant business in Europe.

Founded by the CEO and two of his colleagues, Aalborg Energie Teknik a/s (AET) has experienced a steady growth over the years. The in-house engineering skills combined with the company's unique culture and the ability to develop innovative solutions is a non-imitable resource and the reason behind the success of the company.

In this movie three of the AET references are presented:

- Western Wood Energy Plant, United Kingdom
- Linz-Mitte Energie Anlage, Austria
- Gütersloh Energie Anlage, Germany.

An opinion on AET solutions and the AET way of managing the projects is given by the respective customers. Furthermore, a part of the technology and the approach which enables AET to design, develop and supply biomass plants with a reliability of 99% and a boiler efficiency of more than 92% is revealed. Finally this movie also discusses the advantages of biomass on a general basis and compares it with other renewable energy sources.

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Video from Linz-Mitte Energie-Anlage, Austria

18% of all district heating to the third-largest city of Austria, Linz, is provided by a biomass-fired combined heat and power (CHP) plant.

The biomass plant is built, owned and operated by Linz AG. AET supplied the CHP plant.

Biomass district heating reduces CO₂ emission

The use of renewable energy sources for district heating reduces emissions by approximately 50,000 CO₂ ton/year in the area of Linz. The biomass plant fulfils the requirement of Linz AG to supply green electricity and bio heating.

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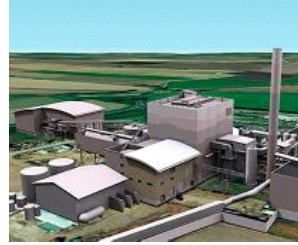
The Biolaq Energies project, in Lacq, is a biomass-fired CHP plant of 54 MW, that utilises forestry wood, and clean, uncontaminated residues from wood processing.

[Read more about Biolaq](#)



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