

# Aalborg Energie Technik a/s officially hands over boiler to Biomass Energy Solutions Vielle-Saint-Girons in France

Aalborg Energie Technik a/s (AET) has the 24.February 2015 made the final handover of the 50 MW fuel heat input boiler (525°C, 120 bara) to BES VSG, - a consortium consisting of DRT, Cofely (GDF SUEZ Group), and Caisse des Dépôts.

The biomass-fired CHP plant will have an annual fuel input of 150 000 tons of forestry wood, and clean, uncontaminated residues from wood processing.

The scope of AET included the AET Fuel dosing system, AET Combustion System with AET Spreader Stoker and AET-Biograte, AET Biomass Boiler with super heater and economiser, AET Combustion air system, AET SNCR DeNOx system, AET Steam air preheaters, bag filter with lime injection system, flue gas system and stack, ash handling system, air compressor system, waste water treatment, piping and ducting, insulation, structural steel for boiler and boiler house and cladding, platforms and stairs, instrumentation and PLC control.

In a continuous effort to reduce the impact of industrial activities on the environment, DRT has made the search for alternatives to petroleum-based products its top priority. This project is therefore a natural continuation of the work initiated by DRT in eco-friendly developments. Thanks to the biomass cogeneration plant, all of the fossil energy consumed by the Vielle-Saint-Girons site will be spared, thereby preventing the emission of more than 400,000 tons of CO2 over 20 years of operation, equivalent to the emissions of 8,000 motor vehicles.

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Picture subtitle: The Biomass Energy Solutions VSG plant is in operation.

## Notes to editors

## About Aalborg Energie Technik (AET)

The Danish company Aalborg Energie Technik 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 recognized 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.

#### www.aet-biomass.com

#### About Biomass Energy Solutions VSG:

World leader in the development of rosin and turpentine extracted from pine, DRT responded to the French government call for tender over one year ago with a proposal to eliminate the consumption of fossil fuels at its facility in Vielle-Saint-Girons. To generate power, the site will instead use byproducts obtained from the distillation of tall oil. To respond to the bid, the company Biomass Energy Solutions VSG was formed,



bringing together DRT, Cofely (GDF SUEZ Group), and the Caisse des Dépôts. This new conglomerate of major industry players will finance, build and operate the cogeneration plant for 20 years.

## About Cofely:

Cofely, a GDF SUEZ company - experts in Energy and Environmental Efficiency.

Cofely is the B2B brand of the energy services business line of GDF SUEZ, which employs 80,000 people with a turnover of €14 billion

Cofely is Europe's leader in energy and environmental efficiency services, designing and implementing solutions to help businesses and public authorities make better use of energy, whilst reducing environmental impacts.

Active in over 25 countries, we offer a unique combination of service expertise, from the design, installation and management of local and renewable energy solutions, to the operational delivery of integrated facilities.

- Energy efficiency: sustained energy savings with maintained comfort levels
- <u>Environmental efficiency</u>: reduced environmental footprint without compromising service levels

In addition to our operation and maintenance service provision encompassing energy and environmental efficiency, Cofely has key delivery capability and expertise in energy and utilities, specialist technical services, project and engineering services, and facility management.

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