

Fully integrated WoodRoll® demonstration plant

Cortus Energy has run operational tests with a fully integrated WoodRoll® at its demonstration plant in Köping (Sweden). The test campaign has confirmed the WoodRoll® technology in all aspects as well as the full integration of an uninterrupted flow from wet biomass to delivery of a clean and energy-rich syngas.

Cortus Energy develops and markets the unique WoodRoll® technology for gasification of biomass in a new innovative setup that results in the number of unique advantages over all other existing gasification technologies. With the patented WoodRoll® technology Cortus Energy offer cost-effective green energy gas solutions for: power, industrial and transport applications.

During 2015 the WoodRoll® testing plant in Köping has been rebuilt and upgraded to a fully integrated process flow. The original facility, where the sub-steps in the process have been run in sequence, has now been linked together into a fully integrated process. After the summer, the plant has been tested by the step by step according to a fixed schedule. All sub-functions and their integration has been verified. Defects and deficiencies have been remedied as occurred. With regards to the process technology, safety features, automation and sophisticated materials the facility in Köping is perhaps, nowadays, the most advanced plant for gasification of biomass that exists.

After months of work, the overall objective to operate a fully integrated WoodRoll® process from wet biomass into a clean and energy-rich syngas, in a continuous and uninterrupted flow was completed during the previous week.

The successful test campaign is now closed and the results shall be evaluated to be able to capture experiences and new knowledge for the ongoing design of the first commercial WoodRoll® plant which will have a capacity of 6 MW syngas.

"We are very pleased to now also in practical tests have confirmed the full integrated feature of our unique gasification technology. The results strengthen us in our ongoing efforts to commercialize the WoodRoll technology." Says Rolf Ljunggren, CEO Cortus Energy.

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About Cortus Energy

Cortus Energy provides cost-effective green energy gas solutions for power, industrial and

transport applications based on its patented WoodRoll® technology. WoodRoll® have large feedstock flexibility, which means that the process can utilize low-grade renewable feedstock without compromising the process performance. Cortus Energy's shares are traded on NASDAQ OMX First North.