

Cortus Energy and Swedish Biofuels Cooperate for the World's First Bio-Jet Fuel Plant Based on Forest Resources

Cortus Energy AB (Publ) and Swedish Biofuels AB (SB) have agreed in a preliminary agreement about cooperating with the goal of during 2019, jointly projecting a first commercial plant for production of bio-jet fuel based on forest raw material and alcohols for the Arlanda airport needs.

Initial contacts around land, logistics, fuel and licensing has been taken during the winter. Cortus and SB's joint facility for bio-jet fuel will be first of its kind and with a great global market potential. SB's bio-jet fuel now complies with current standards jet fuel, and it has been successfully tested by the US and Swedish defense forces and for civil aviation over the past ten years.

In addition to green jet fuel, the plant will be able to produce other valuable products such as liquid transport fuels and chemicals. The technology planned for the plant is a combination of Cortus WoodRoll® process and SBs catalytic process for bio-jet fuel. The WoodRoll® process converts wood into synthesis gas which, along with alcohols, is the raw material for SB's catalytic process for green jet fuel.

“Our joint project for bio-jet fuel from forest raw material represents everything we have worked for, for almost twenty years. Because we have already met current standards for jet fuel with our technology, we now see a possible commercial breakthrough for green aviation fuel, first in Sweden and then further out in the world” says Angelica Hull, CEO and founder of Swedish Biofuels.

“Being able to manufacture green jet fuel on a commercial scale within a few years is a fantastic step forward, not only for Swedish Biofuels and Cortus, but also for all those who works for reducing the climate impact” says Cortus founder Rolf Ljunggren.

“Providing the aviation industry the possibility to radically reduce their climate impact, warms the heart of a former Saab guy like me” says Cortus Acting CEO Håkan Sigfridsson.

About Swedish Biofuels

Swedish Biofuels AB, founded in 2000, has developed and verified a new production technology for bio-jet and transport fuels and chemicals based on their own patented catalytic processes for alcohols in combination with hydrogen gas and syngas. SBs Bio-jet fuel has been manufactured and sold on a smaller scale since ten years back. This work has resulted in a bio-jet fuel that today meets both civilian and military standards. Swedish Biofuels has received part financing from the EU for the construction of a first plant for bio-jet fuel.

About Cortus Energy

Cortus Energy (Publ) develops and markets the unique WoodRoll® technology which gasifies biomass in a new innovative way that results in a number of unique advantages over all others existing gasification technology. With the patented WoodRoll® technology, Cortus Energy offers green energy solutions for power, industrial and transport applications. WoodRoll® has a great fuel flexibility, which means that the process can utilize low-value renewable fuels without compromising on process performance. Cortus Energy currently has two WoodRoll® plants, one test facility in Köping since 2011 and a commercial facility in Höganäs under construction with planned start-up in 2019.

