



Cortus Energy produces and uses its own vehicle gas RNG/SNG for the first time

Cortus Energy AB (publ) ("Cortus Energy" or "Company") has now completed the Company's latest test campaign at the Köping test plant. The results from the campaign shows that it is possible to produce vehicle gas RNG/SNG by gasifying local low-grade feedstocks with WoodRoll®.

Renewable vehicle gas (RNG/SNG) is an important mean in fulfilling the objective that, as in Sweden, the vehicle fleet should be independent of fossil fuels by 2030. Today, renewable vehicle gas is produced primarily by the anaerobic digestion of, for example, food waste whose potential is limited due to the raw material supply. The forest and its waste and by-products have a significantly greater potential to produce RNG/SNG in industrial scale to a mass market. Cortus Energy's patented process WoodRoll® gasifies forest fuels and generates a renewable energy gas converted to RNG/SNG at vehicle gas standards for cars, trucks and buses.

In the latest test campaign at Cortus Energy's test facility in Köping, the renewable energy gas from WoodRoll® has been converted in two-stages to vehicle gas. The energy gas from WoodRoll® has been transformed into methane and carbon dioxide in a catalytic process and in a subsequent step, carbon dioxide has been separated and the vehicle gas has been pressurized for refuel one of the Company's own gas cars. The catalytic process is developed by Karlsruhe Institute of Technology in a European project with Cortus Energy as an industrial partner. Cortus Energy owns the market rights of this catalytic process. The campaign is part of the Life + project, which is supported by BiogasExpose with Biogasöst as coordinator. This project aims at showing the production of vehicle gas through gasification of low-grade local feedstocks in Eastern Sweden.

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"We have now shown how the energy gas from WoodRoll® can be converted into vehicle gas RNG/SNG. This is an important milestone to be able to enter the market for automotive gas and biomethane to the natural gas grid. The catalytic process we have been part in developing is based on mass-produced components, from the automotive industry, to get cost-effectiveness in the capacity range WoodRoll® operates in", says Rolf Ljunggren, CEO Cortus Energy.