



8 June 2018



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MAY 31, 2018

## Preem and RenFuel create 'world's first' lignin plant for biofuels

**Preem and RenFuel, in collaboration with Rottneros, are constructing what they say is the world's first lignin plant for biofuels. The plant is to produce 25-30,000 tonnes of lignin each year and is expected to be completed by 2021.**

The pair is acting through their co-owned company, called Lignolproduktion, to reach the plant's goal of a production capacity of 300-500,000 tonnes of lignin per year. This objective is dependent on more plants like this being built in the future.

Lignin can be refined into both renewable diesel and renewable gasoline than can be used as a drop-in fuel.

Samples of lignin from Rottnero's *pulp mill* have already been sent to Renfuel's test facility for the preparation of lignol, which was established with the support of the Swedish Energy Agency. Lignol oil is then taken into Preem's refineries where the raw material is processed into biofuels.

Preem is Sweden's largest fuel company. It processes and sells petrol, diesel, fuel oils and renewable fuels in Sweden and Norway. The company employs more than 1,400 people, 950 of whom work on refineries. Preem's 2017 turnover was SEK 69 billion (€6.7 million).

RenFuel is a Swedish bioenergy company that has patented a catalytic process that *converts lignin from by-products in the forest industry* into a renewable lignin oil or 'Lignol'.

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Richard P. Vlosky, Ph.D.

*Director, Louisiana Forest Products Development Center*

*Crosby Land & Resources Endowed Professor of Forest Sector Business Development*

Room 227, School of Renewable Natural Resources

Louisiana State University, Baton Rouge, LA 70803

Phone (office): (225) 578-4527; Fax: (225) 578-4251; Mobile Phone: (225) 223-1931

Web Site: [www.LFPDC.lsu.edu](http://www.LFPDC.lsu.edu)



**President, Forest Products Society; President, WoodEMA i.a.**



