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CHEMREC TRANSFERS DEVELOPMENT PLANT

Chemrec as part of its development activities has built and operated a black liquor gasification plant in Piteå in northern Sweden and later together with partners added a bio-DME synthesis plant on the same site. The subsidiary owning this development plant is now sold to Luleå University of Technology for the plant to be used in continued R&D work.

The pressurized, oxygen-blown gasifier of this plant has till date been operated more than 18 000 hours, consistently producing syngas of very good quality. Since 2011 the syngas produced has been used for synthesis of bio-methanol and bio-DME (dimethyl ether). The bio-DME produced has been used in very successful heavy truck fleet trials conducted by Volvo Trucks within the pan-European BioDME project. Overall, this extended period of operation has validated the Chemrec gasification concept and provided all information required for commercial-scale implementation.

Effective from Dec 31, 2012 these plants have been transferred to Luleå University of Technology (LTU). Also the operating and development personnel at the plant are now employed by LTU. In December 2012, the Swedish Energy Agency approved funding supporting the continued operation of the plants to make it available for new research and development programs. Chemrec actively participates in these programs and has retained the right of access to the plant for future trials, e.g. with feedstock of specific customers. Chemrec in its new form will thus for further development work rely largely on this new network structure and the core organization will be heavily focused on the commercialization of the technology.

For more information on Chemrec, our technology and our new organization, please contact

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About Chemrec

Chemrec AB is a Swedish company providing technology for black liquor gasification which integrated in pulp mills provides the opportunity to produce large quantities of renewable motor fuels or electricity from biomass. The technology has potential to globally provide motor fuels equivalent to over 45 billion litres/year of gasoline (12 billion gallons/year). Chemrec owners are VantagePoint Venture Partners, Volvo Technology Transfer, Environmental Technologies Fund and Nykomb Synergetics. For more information, see www.chemrec.se