



## Technip awarded FEED contract for a new biomass-to-liquid plant in Finland

June 13, 2013

Technip was awarded by Forest BtL Oy a contract, worth approximately €5 million, for the front-end engineering and design (FEED) of a new second generation biomass-to-liquid\* (BTL) plant to be built on Ajos island, Finland. This plant will produce approximately 140,000 tons of biodiesel and naphtha from wood and by-products from the wood-processing industry. This feedstock has many advantages as it is not used for human food, it does not jeopardize the existing local biomass usage and has a low CO2 footprint.

Technip will develop the process design package of the hydrogen production unit of the plant, based on its steam reformer proprietary technology, and will prepare the FEED for the hydrogen production, Fischer-Tropsch synthesis and refining units.

Technip's operating center in Lyon, France, together with the Group's hydrogen technology center in Zoetermeer, The Netherlands will execute the contract, which is scheduled to be completed in the first semester of 2014.

The Ajos BtL project is supported by the European Union NER300 funding program for innovative renewable energy technologies. This project will be an industrial first and will reinforce Technip's leading position on new generation biofuels projects.

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\* Biomass-to-liquid or BTL is a new generation biofuel, consisting of a multi-step process to produce liquid biofuels from biomass. Main technological steps are gasification, syngas cleaning and Fischer-Tropsch synthesis.

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Technip shares are listed on the NYSE Euronext Paris exchange and the USA over-the-counter (OTC) market as an American Depositary Receipt (ADR: TKPPY).



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