



EXPANDER GRANTED U.S. PATENT FOR BIOMASS-TO-LIQUIDS TECHNOLOGY + RECEIVES \$300,000 ALBERTA INNOVATES - TECHNOLOGY FUTURES FUNDING

CALGARY, AB. (January 7, 2016) - Expander Energy is pleased to announce that its proprietary Biomass-To-Liquids (BTL) process technology patent has been issued in the U.S.A. ([Patent Abstract](#)).

This process efficiently facilitates the conversion of Biomass and Municipal Solid Waste (MSW) into synthetic diesel.

Expander's SynDiesel[®] is a premium clean-burning, non-toxic renewable source of fuel that is an affordable environmentally friendly alternative to fossil fuels. This synthetic diesel exceeds all worldwide regulatory classifications for diesel, contains zero sulphur, zero aromatics, has a cetane rating of +80 and is complementary to existing and future engine technologies.

"The ramifications of this technology are significant in that communities could virtually be self-sufficient in producing their diesel fuel requirements from their own garbage," says Expander's CEO James Ross. "Communities and Government are asking for clean sustainable energy resources that are affordable and reliable. We feel Expander has the innovative technology to accommodate these energy challenges and assist in meeting our environmental reduction targets."

Expander recently received \$300,000 from Alberta Innovates - Technology Futures in the form of a Product Demonstration Program investment to integrate and test their EFT[®] patented process technology into a modular Gas-To-Liquids plant currently under construction. This process technology is the core technology to their portfolio of patented processes in the BTL, GTL, and FTCrude[®] (heavy oil process) environments.

About Expander Energy

Expander Energy is a leading developer and licensor of processes to convert carbon sources into valuable synthetic fuels. Our engineered fuels are ultra-clean burning and complement existing transportation fuel infrastructure and current engine technologies. Our fuels reduce GHG emissions and are produced from carbon rich materials such as natural gas, biomass, bitumen residuals, petcoke and municipal solid waste. We strive to deliver an alternative, drop in fuel through patented technology to provide economic growth for Alberta and Canada while being environmentally conscious.

Expander has a team of energy industry professionals dedicated to developing and commercializing Carbon Management and Utilization solutions for Canada's energy industry. Expander Energy Inc. is a privately held energy company located in Calgary, Alberta, Canada.

For further information and licensing opportunities please contact:

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