

INSIGHTS ABOUT GASTECHNO®

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BIOCHEMICAL PROCESS ENGINEER EVAN VISSER JOINS GAS TECHNOLOGIES

PETOSKEY, MI – (January 5, 2010). Gas Technologies LLC (GTL) is pleased to announce the hiring of Mr. Evan Visser as a new full-time Biochemical Process Engineer. His expertise will assist in expanding on Gas Technology's proprietary and patented methane-to-methanol process further downstream into clean fuels, green chemicals, natural products and fertilizers. His focus will be to work under the guidance of Dr. Arthur Nonomura, who was recently appointed Technical Advisor to GTL, on chemical synthesis and manufacturing processes involving formaldehyde, alcohols and fertilizer additives for the formulation of GTL's downstream products.

The GasTechno® Process is a single step gas-to-chemicals technology which produces oxygenates from natural gas. Because syngas production is not necessary, the process is considerably less complex, requiring significantly smaller capital investment compared to obsolete sustainable transport fuel technologies. Utilization of Total Process Integration also puts our own heat and product streams to work, further improving process efficiency.

"The key strategy for GTL now is to hire more technical talent, and develop a broader basket of downstream fuels and chemicals from the base GasTechno process. Evan has been following our company developments since July of last year, and I have been very impressed by his technical writing, subject matter expertise and strong passion for this industry." said Walter Breidenstein, CEO of Gas Technologies LLC. "He has demonstrated month after month a commitment that I have not seen in recent graduates or seasoned veterans in the chemical industry. We cannot be more pleased to bring him on full-time."

Mr. Visser will be based in Brazil and begin the implementation of a recently completed business plan he has been developing for the company during the last quarter of 2009. His experience in Brazil will give the company unique opportunities to expand throughout Latin America where there is significant potential for use of stranded gas and biogas due to its tropical climate and large amounts of available biomass residues.

Mr. Visser states "I am very excited to be officially joining the GasTechno team. Their patented gas-to-liquids technology caught my attention nearly six months ago and I have been impressed with the company's growth during this period. The field of carbon captures and advanced biofuels is a field that I am truly passionate about and I am happy to be part of extremely qualified team put together by Walter Breidenstein."

GasTechno has recently participated as the lead applicant for two United States Department of Energy (DOE) grants entitled, "Carbon Capture and Sequestration from Industrial Sources and Innovative Concepts for Beneficial CO₂ Use" and "Demonstration of Integrated Biorefinery Operations". Although they were not an awardee, GTL will move forward and build upon this extensive work for markets outside the United States with other potential funding sources. Both applications used Algae as the source of feedstocks, and biofuels and chemicals as the revenue drivers.

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When applied to wet gas, the GasTechno® Process can be integrated with a unique, proprietary NGL plant, referred to as GasTechno® NGL. GasTechno® NGL maximizes economic returns by operating a GasTechno® plant side-by-side with a NGL-LPG plant based on common use of OSBL equipment, Total Process Integration, and optimal operating conditions. GasTechno® NGL together with the GasTechno® process can produce an attractive product slate which includes: propane, butane, natural gas condensate, methanol, formaldehyde, and even electricity. The methanol family of fuel and chemical derivatives alone includes the sought after products of gasoline, DME, olefins, acetic acid, and many others.

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Gas Technologies is dedicated to becoming a world leader in the single-step conversion of methane into valuable commodity fuels and chemicals via the GasTechno® family of technologies. Their latest designs include totally Integrated Biorefineries and these, in combination with the totality of GTL's technologies, can monetize small scale sources of methane and biogas where no economically viable alternatives exist.

Evan Visser received his B.S. in Mechanical Engineering from Iowa State University and his M.S. in Biosystems Engineering from the Federal University of Vicosa in Brazil, where his research was focused on the biochemical processes for biofuels production. He will assist in organization and setup of Gas Technologies operations in Brazil.