NEWS

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FOR IMMEDIATE RELEASE
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Eden signs with Chinese university to research production of biomass-based Hythane® fuel

ASX-listed clean fuel technologist, Eden Energy Ltd., is pleased today to announce a research agreement with a Chinese university to explore the use of biomass as a base ingredient for production of the Company's patented hydrogen enriched methane mixture, Hythane®.

The agreement is with the Henan Agricultural University of Zheng Zhou in the Henan province in north eastern China .

It will focus on researching opportunities to produce both hydrogen and methane gas naturally from biomass degradation, as the key ingredients for the Australian company's patented hydrogen/ methane fuel mixture.

Hythane® , a highly efficient and ultra clean burning alternative fuel, is a mixture of hydrogen and natural gas – most of the latter of which is methane.

Methane has been produced for decades around the world from biomass decomposition.

In sewage plants particularly, it has been commercially captured for internal electricity generation through a process known as "anaerobic digestion". This process generates significant savings for sewage plant operating costs and negates the need for the methane to be released into the atmosphere.

"The recent surge of interest in hydrogen as an alternative fuel has led many researchers in this field to attempt hydrogen production, instead of methane, by anaerobic digestion," Eden's Executive Chairman, Mr Greg Solomon, said today.

"One of the problems encountered through research to date has been producing relatively pure hydrogen without significant contamination by the methane," Mr Solomon said.

"The purpose of the Eden-Henan research agreement is to exploit the natural processes that result in co-production of hydrogen and methane to make BioHythane™. a 100% renewable, hydrogen/methane fuel mix.

"With Hythane® poised as the transition fuel technology into an all hydrogen economy, the signing of this research agreement is strategic in Eden's efforts to develop a suite of hydrogen based renewable fuels."

The research program will be headed by a Henan Associate Professor in biochemistry, Dr You Xi Feng, whose doctoral thesis concentrated on production of hydrogen from biomass.

Professor You's experimental studies – to be undertaken on Henan's campus in the city of Zheng Zhou will focus on how to control process parameters.

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This will include the type or types of biomass used, bacterial cultures selection, temperature and acidity levels, so that hydrogen (20% volume) and methane (80%) yields are proportionate for bona fide Hythane®

Eden will monitor the research through its wholly owned Colorado-based research and development subsidiary, The Hythane Company LLC.

About The Hythane Company, LLC

Headquartered in Colorado, the Hythane Company, LLC, is working to bridge the gap between conventional fossil fuels and the clean future of a hydrogen economy. Vehicles and generators that operate on Hythane®, a blend of 20% hydrogen and 80% natural gas, produce significantly lower emissions than those operating on diesel or natural gas. The company intends to deploy the Hythane® System, which completely integrates Hythane® technology into existing natural gas fueling stations and vehicles, and power generators in cities throughout the world. Hythane® can be used in all forms of vehicles and is especially suited for commuter buses, school buses, refuse trucks, and delivery trucks.

Hythane® is a patented fuel and the trademark is the property of Eden Innovations Ltd. The Hythane Company, LLC is grouped globally with Ireland-based Eden Innovations Ltd., both being subsidiaries of Australian-based Eden Energy Ltd. Additional information about Hythane® is available at www.hythane.com.

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