

**Australian Securities Exchange Announcement**

**29<sup>th</sup> July 2014**

## **Executive Appointment**

The Directors of Leaf Energy are pleased to announce the appointment of Dr Les Eyde as Head of R&D for the Company.

Dr Eyde has over 25 year's experience in research and development in Australia and the US, with a strong interest in biomass conversions by thermochemical, biochemical, microbial and hybrid processes. He is recognised internationally and since 2007 held the position of National Task leader, International Energy Agency, Bioenergy Task 39 – Commercialising Advanced and Conventional Liquid Biofuels from Biomass.

Dr Edye has a background in carbohydrate chemistry, expertise in biofuels production processes and sustainable biomass supply, and research interests in the conversion of lignocellulosics to fuels and chemicals, biorefining for total biomass utilisation and heterotrophic algal oil production.

Dr Eyde holds a BSc with Honours (Chemistry/biochemistry) and a PhD (Carbohydrate chemistry) along with several certifications and professional memberships. He is the author of over 90 peer-reviewed journals, conference proceedings and book chapters and three patents. He also holds the position of adjunct Associate Professor, Biofuels and Biorefineries at Queensland University of Technology. Dr Edye brings a large professional network and contact base in the international field in which Leaf operates.

Managing Director of Leaf Energy Ken Richards commented:

“We are fortunate to have Les join the team at this critical juncture. We have recently lodged two provisional patents, released a scoping study confirming the robust economics of our Glycell™ process and announced an outstanding saccharification result- Leaf Energy is poised for growth. Dr Eyde brings significant domain expertise as well as considerable experience and standing in the field to our team. This will further accelerate our technology development, intellectual property portfolio and commercialisation objectives.

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**About Leaf Energy (ASX: LER)**

In virtually every industry consumer demand for greener more natural products is fuelling a surge of interest in bio-based alternatives to replace oil based products.

Leaf Energy's Glycell™ process is a simple, innovative and effective process that operates at low temperature and pressure using a waste, biodegradable reagent, glycerol, to break down plant biomass into its constituent parts: cellulose, hemicellulose and lignin. Cellulose is a critical building block for many bio-based products.

The operating conditions of the Glycell™ process means it has significantly lower capital costs and significantly lower operating costs than rival, currently used, processes such as steam explosion and can produce low cost cellulose at virtually any scale.

Leaf Energy's pathway to commercialisation is tangible and realisable and we are ready to pursue our commercial objectives on a global scale. The Company's commercialisation objectives are:

1. Engage with potential partners for the building of a demonstration facility for the production of cellulose from plant biomass; and
2. Engage with potential licensees for sale of a license to produce cellulosic sugars.

In both scenarios, the key strategy is to engage with partners so that the capital requirements for Leaf are kept to a minimum.