

**Media Release**  
**11 June 2014**



## **Leaf Energy wins prestigious 2014 Consensus Greentech Award**

Leaf Energy Ltd is pleased to announce it has received the Judges' Award for its Glycerol pretreatment process – the Glycell™ process, at the prestigious 2014 Consensus Greentech Awards held in Sydney last week.

The awards were presented by Senator Simon Birmingham, Parliamentary Secretary to the Minister for the Environment, and recognised Leaf Energy for its innovation in the use of waste glycerol together with waste agricultural biomass to create sustainable biobased products that can replace similar products derived from oil.

Commenting on the award win, managing director Ken Richards said, "We are honoured to be recognised by such prominent industry figures and receive the 2014 Consensus Greentech Award.

"Leaf Energy's Glycell™ process is a simple, innovative and cost 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," Mr Richards said.

The operating conditions of Leaf Energy's unique Glycell™ process has many benefits including significantly lower capital and operating costs by comparison to processes such as steam explosion, resulting in the production of low cost cellulose at virtually any scale.

The citation that accompanied the award stated *Leaf Energy has demonstrated innovation and entrepreneurship through the use of industrial ecology principles. The process involves the reuse of waste agricultural products to create feed stock for other industries. The patented innovation includes lower energy usage and lower operating and capital costs.*

*The Panel was particularly impressed by the vision and potential, especially for a small organisation. We congratulate Ken and his team on their award.*

The 2013/14 judging panel comprised of Ray David (Chair), Richard Hayes, Terry Daley, Richard Hale, Robert Nicholson and Joseph Najem.

**ENDS**

**For further information please contact:**

Ken Richards  
Managing Director  
Leaf Energy  
**M: +61 403 385 051**

**Media:**  
Belinda Newman  
Professional Public Relations  
**T: +61 8 9388 0944**  
belinda.newman@ppr.com.au

**LEAF ENERGY LTD** . ABN 18 074 969 056  
88 Brandl Street Eight Mile Plains Qld 4113 . PO Box 4037 Eight Mile Plains Qld 4113  
**t** +61 7 3188 9040 . **f** +61 7 3188 9087 . [www.leafenergy.com.au](http://www.leafenergy.com.au)



*Ken Richards (left) receives Leaf Energy's Consensus Award from Senator Birmingham*

#### **About Leaf Energy Ltd**

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 initially targets the production of cellulose derivatives that have applications in industrial (drilling mud), food, nutraceutical and pharmaceutical markets. We are currently planning the scale and location of our first demonstration plant. [www.leafenergy.com.au](http://www.leafenergy.com.au)

#### **About The Consensus Group Awards**

The Consensus Group was founded in 1999 with a focus on recognising excellence through a range of Awards and Recognition programs. Each program features clearly defined judging criteria, fully independent judges and Awards made on merit with results "Endorsed by Consensus".

The Consensus Awards exist to reward excellence in Australian and New Zealand Green Technology and to grow and strengthen Australia's and New Zealand's contribution to sustainability in society. Award recognition can be vital in building the credibility and exposure necessary for locally developed technology to break into new markets. The Consensus GreenTech Awards have been developed to provide this credibility by using an open and transparent judging process based on the Consensus Model. [www.consensus.com.au](http://www.consensus.com.au)