



LEAF RESOURCES LIMITED

Sustainable products from plant biomass

11 August 2015

Australian Securities Exchange Announcement

LEAF RESOURCES SIGNS MOU WITH NORSKE SKOG

The Directors of Leaf Resources advise that a Memorandum of Understanding has been signed with Norske Skog Industries Australia Ltd to work together to evaluate the yields from Radiata pine using Leaf Resources' Glycell™ process.

The work will investigate the suitability for conversion of softwood, Radiata Pine, to cellulosic sugars and the subsequent conversion of those sugars to biomass derived chemicals.

Leaf Resources and Norske Skog will work together to demonstrate the performance of the Glycell™ process on Radiata Pine and the possible future use of this technology.

Leaf Resources has data from preliminary work with softwood and will further develop this, in the work stages of testing the Glycell™ process using Radiata Pine at Andritz's testing facility in Springfield Ohio. (Andritz is a leading global supplier of plant, equipment and services for pulp and paper making and other industries).

Leaf Resources Managing Director Ken Richards commented:

"This is an important opportunity to work with a major paper maker to evaluate Leaf Resources' Glycell™ process on Radiata Pine."

"Norske Skog have done significant work in relation to biofuels and biochemicals and we look forward to working with them on this project."

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**For further information please contact Ken Richards
Managing Director, Leaf Resources on 0403 385 051**



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About Leaf Resources Ltd (ASX: LER)

Leaf Resources is commercialising the Glycell™ process.

The Glycell™ Process is an innovative technology that uses a low cost, recyclable, biodegradable reagent glycerol, in a simple process that breaks down plant biomass into lignin, cellulose and hemicellulose at low temperature and pressure. The cellulose is then converted to cellulosic sugars through enzymatic hydrolysis and the lignin, hemicellulose and glycerol become valuable co-products.

Cellulosic sugars are a major feedstock for green, renewable biobased chemicals, bioplastics and biofuels, products whose markets are multi \$billions and fast growing. Many biobased products can now economically replace petroleum based products.

The Glycell™ process produces cellulosic sugars up to 90% cheaper than its major rival, dilute acid and at competitive prices with raw cane sugar and sugars from grain starch. It also produces “clean” sugars i.e. sugars with negligible degradation products and therefore suitable as a raw feedstock for many biobased chemical and bioplastic production processes.

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