

Plantic Introduces eco Plastic™

MELBOURNE, Australia; 11 February – Plantic today announces that it is launching a new product range which builds on its proprietary technology.

eco Plastic™ is a range of compounded resins with low carbon footprint and high renewable content based on Plantic's resin. Several customers in Australia and Europe are currently testing the product in various rigid and flexible applications.

Summary:

- **Key features of eco Plastic™⁽¹⁾:**
 - **40% renewable content**
 - **25% less energy consumed in production than conventional polymers**
 - **Broad range of commercial applications**
- **Evaluation programme commenced with leading global provider of specialised polymers with a view to negotiating an agreement for development, manufacturing and distribution**
- **Further expansion of the use of Plantic's technology**

Plantic is launching a new product line targeting the increasing global demand for sustainable plastic solutions that feature a high content of renewably sourced material. Whilst the resin includes a percentage of traditional polymers it will provide a broad range of functional properties. Branded eco Plastic™, the new product line has been designed to meet the growing world demand for a sustainable approach to plastics technology based on a significant level of renewable material that will reduce carbon emissions and deliver exceptional performance characteristics across a broad range of applications.

The key advantages⁽¹⁾ of eco Plastic™ are that it contains approximately 40% renewable content, uses 25% less energy than conventional polymers, significantly reduces carbon dioxide emissions and is compatible with conventional processing aids and colorants in Blown Film, Injection Moulding and Extrusion Blow Moulding applications.

Plantic is working with a global leader in this major market segment with a view to negotiating agreements to sell and manufacture eco Plastic™ resins and to work in conjunction with this global leader to develop a new suite of renewably sourced products built on Plantic's proprietary resins. The evaluation programme by this leading global compounder has commenced and is expected to be completed during the first half of 2010.

(1) Plantic estimate based on its current Life Cycle Assessment, to be independently verified with the completion of the eco Plastic™ Life Cycle Assessment

Chief Executive Brendan Morris said:

“With the introduction of eco Plastic™, we can more completely meet the diverse needs of the market. In addition to the environmental emphasis of biodegradability, sustainability or renewable content, everyone wants to save energy, reduce carbon emissions and increase production efficiency while achieving superior performance quality.

“The potential to partner with a leading global compounder for the development, manufacture and distribution of these resins is intended to provide a platform to greatly expand Plantic’s product capability and reach.”

About Plantic Technologies Limited

Plantic Technologies is based in Australia, where its head office, principal manufacturing and research and development facilities are located. The company also has sales offices in Germany and the United Kingdom, and employs approximately 50 people internationally.

Plantic’s novel polymer technology is based on the use of high-amylose corn starch, a material derived from annual harvesting of specialized non-GM (hybrid) corn and supplied by National Starch. The unique chemical and film-forming properties of this type of starch allow for the development of a range of applications across conventional plastics markets. Plantic materials have a renewable bio-content of approximately 85%. In addition to being renewably-sourced, Plantic materials are biodegradable, home compostable, water dispersible and compostable to American (ASTM 6400) and European (EN 13432) standards.

Plantic Technologies has won numerous international awards for their innovation in biodegradable plastics. Plantic is listed on the London Stock Exchange (AIM) under the symbol ‘PLNT’.

For more information visit the company’s website www.plantic.com.au

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