

Media Release

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World First Ultra High Barrier Renewable and Recyclable Packaging Launched



Renewably Sourced and Recyclable Plantic eco Plastic™ R

Frankfurt Germany, May 6, 2013 –Plantic Technologies Ltd, an international supplier of performance biopolymers, has developed the first renewable and recyclable ultra-high barrier packaging format, Plantic eco Plastic™ R.

Building on the success of Plantic eco Plastic™, the new material format combines PET and Plantic biodegradable film to provide a packaging material which has ultra-high gas barrier properties and is made from up to 60% renewable materials.

"Plantic eco Plastic™ R, unlike other barrier packaging formats, can be fully recycled with the PET recovered in the traditional recycling streams with Plantic's barrier material dissolving and biodegrading in the process." says Brendan Morris, Plantic Technologies CEO. "The combination of renewable materials with recyclable materials is unique in the packaging sector and brings together the best of both bioplastics and traditional materials. Plantic eco Plastic™ R delivers for the environment too with up to 60% renewable materials coupled with recyclable PET content. Unlike traditional barrier materials which are difficult to recycle due to the complete mix of plastics used, Plantic eco Plastic™ R provides performance and sustainability/recyclability in a truly unique way."



Plantic eco Plastic™ R trays and roll stock require no investment in new processing or packaging technology and can be directly substituted for existing materials into the supply chain. They are a drop-in replacement for a range of traditional plastics used in modified atmosphere and ultra-high barrier packaging. The rigid trays and roll stock are offered in a high clarity transparent form as well as a variety of colours and even multi-colour formats.

From an environmental point of view the impact of using renewable and recyclable Plantic eco Plastic™ R, compared to traditional barrier plastics are compelling, with every 1000 MT of Plastic saving:

Energy Savings:	5.4 million Kwh of energy or the equivalent energy needed to power 850 homes per year, and
CO2 Savings:	2,700 MT of CO2 equivalent to planting 300,000 trees or removing 700 cars from the road

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 manufacturing operations in Germany and sales offices in the United States.

Plantic's globally unique patented 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 Ingredion Inc..

The company provides a broad range of products in the barrier packaging sector and is supplying major supermarket customers on three continents in applications such as fresh case ready beef, pork, lamb and veal, smoked and processed meats, chicken and fresh pasta applications.

Plantic Technologies has won numerous international awards for their innovation in biodegradable plastics including DuPont's Global Award for Innovation in 2006.

Plantic eco Plastic™ for Coles meat packaging was awarded the Bronze medal in the Australian Packaging awards 2011.

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

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