



**TO: COMPANY ANNOUNCEMENTS OFFICE**

**ASX LIMITED**

**DATE: 22 July 2010**

## **Cardia Bioplastics and SULO partner - as householders prepare to sort food waste**

Cardia Bioplastics Limited (Cardia) and SULO MGB (Australia) Pty Ltd (SULO) have partnered to provide Australian households with an integrated organic food waste solution. Through local councils, Cardia and Sulo will deliver to the family householder Sulo's kitchen tidy bins with Cardia's compostable food waste bags. Cardia and Sulo's compostable waste package responds to the current positive shift in Australia by several local Governments to divert organic food waste from landfill to composting facilities.

The diversion of domestic food waste from landfill to composting will reduce the generation of methane gas. Methane, a greenhouse gas, can cause potentially serious health and environmental issues.

The partners will provide a kitchen tidy bin from Sulo, Australia's leading supplier of waste containment products, with Cardia providing certified compostable kitchen tidy bags enabling a fully integrated organic food waste diversion service to local Governments for householders.

### **Household food waste management**

- ✓ Fruit & Vegetables
- ✓ Fish, Meat & bones
- ✓ Dairy Products
- ✓ Tea Bags & Coffee  
Grounds



*The Cardia Compostable kitchen tidy bags (on a roll) and fitted in the SULO kitchen tidy bin*

Householders will be using an attractive Sulo aerated kitchen tidy bin, lined with the Cardia internationally accredited compostable bag. The bag will have instructions and will help householders identify which organic food waste is acceptable for composting.

**ASX Code: CNN**

### **Market Cap**

Approx \$13.35M at 1.8cents per share

### **Issued Capital**

741,992,197 Ordinary Shares

### **Listed Options- CNNO**

581,992,197 Options

### **Top 3 Shareholders**

Polarity B Pty Ltd – 15.02%  
Vermar Pty Ltd – 7.71%  
Growthtech International – 4.50%

### **Directors**

Patrick John Volpe  
(Chairman)  
Frank Peter Glatz  
(Managing Director)  
John Scheirs  
(Non Executive Director)  
Chen Yi  
(Executive Director)

### **Registered Office**

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Hawthorn, VIC 3122

### **Contact**

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Frank Glatz: +61 400930530



## **CARDIA AND SULO TO LAUNCH AT ENVIRO 2010.**

Cardia Bioplastics and SULO announced their partnership at Australia's peak environmental and sustainability conference and exhibition – Enviro 2010 – now on in Melbourne. The companies will showcase their new SULO kitchen tidy bins fitted with tailored Cardia Compostable kitchen tidy bags.

The new Cardia Bioplastics range of compostable bags are manufactured from renewable resources and are compliant to international standards, including Europe's EN 13432, the USA's ASTM D 6400, Japan's GreenPla, and Australia's AS 4736.

**Attached is a detailed joint media release.**

**Frank Glatz**

**Managing Director**

### **Further information:**

Dr Frank Glatz  
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### **About SULO MGB (Australia) Pty Ltd**

SULO is Australia's largest manufacturer of waste containment solutions. SULO has developed a network of distributors, a team of account managers and customer service support together with a dedicated research and development centre. In addition to their comprehensive range of products, SULO offers a range of service solutions including financing, assembly and distribution, fleet maintenance and recycling of old containers. SULO supply mobile garbage bins to major waste and recycling contractors, industrial and commercial businesses and local councils throughout Australia and New Zealand. Visit [www.sulo.com.au](http://www.sulo.com.au)

### **About Cardia Bioplastics**

Cardia Bioplastics Limited (ASX CODE: CNN), through its 100% owned subsidiary Cardia Bioplastics Australia Pty Ltd, develops, manufactures and markets sustainable resins and finished products derived from renewable resources for the global packaging and plastic products industries. The company holds a strong patent portfolio and its growth are fuelled by the global trend towards sustainable packaging. Established in Australia in 2002 as Biograde, the company Headquarters and Global Applications Development Centre is in Melbourne, Australia. The Product Development Centre and manufacturing plant is in Nanjing, China. There are Cardia Bioplastics offices in the Americas, Europe and China, and a network of leading distributors across Australia, the Americas, Asia and Europe. Visit [www.cardiabioplastics.com](http://www.cardiabioplastics.com) .

## **Cardia Bioplastics and SULO collaborate in household food waste recycling solutions**

**Cardia Bioplastics will provide Australia's leading supplier of waste containment products SULO MGB (Australia) Pty Ltd with certified compostable bags enabling SULO to offer fully integrated organic waste diversion services to local governments.**

Organic waste comprising plant material and food scraps forms about 40% of the domestic waste stream in Australia. When this waste is disposed of in land fill it breaks down anaerobically, the greenhouse gas methane is released as a by-product. Diverting organic waste from landfill to composting significantly reduces green house gas generation and produces compost that can be used as fertiliser and soil conditioner in farming, parks and gardens.

Increasing numbers of councils in Australia offer a "kitchen to compost" service, with the aim of diverting organic waste from landfill and SULO is a leading provider of such services. To fully integrate the offering to households, Australian global sustainable resins and finished products supplier, Cardia Bioplastics and SULO have collaborated to offer Councils and households a specially designed kitchen tidy bin and certified compostable bag system.

Cardia Bioplastics and SULO announced their partnership at Australia's peak environmental and sustainability conference and exhibition – Enviro 2010 – now on in Melbourne. The companies will showcase their new SULO kitchen tidy bins fitted with tailored Cardia Compostable kitchen tidy bags.

Cardia Bioplastics Managing Director Dr Frank Glatz said recycling organic waste is vital if we are serious about reducing our environmental footprint and managing household waste sustainably. "This organic waste system is tailored to meet domestic needs for form, fit and function," he said.

### **Kitchen to Compost solution**

"SULO is a leader in waste management in Australia. Cardia is impressed by SULO's approach to waste management solutions and expertise in product design".

Using SULO's convenient solid and aerated household kitchen tidy bins as a base, Cardia and SULO jointly developed a holistic solution incorporating the new Cardia compostable kitchen tidy bag. The new compostable bag is manufactured from an innovative formulation of the Cardia Compostable film that extends the functionality of the SULO system. Unlike other bags on the market, the Cardia film is also tougher and more tear resistant"

"The open design kitchen tidy bin works together with breathability of Cardia's compostable bag to aerate the food waste. This aerobic environment mitigates odours and complements the design of the bins. The breathability of the Cardia Compostable bag also allows water vapour transmission from the organic waste during storage and transport. This reduces weight and waste management costs," said Dr Glatz.

SULO Director of Sales and Marketing John Kernahan said the SULO kitchen tidy bin and Cardia Compostable bag combination makes collection and disposal of household organic waste easier and more efficient. "The result is a win-win for the community and for the environment," he said.

"Our collaborative product development process ran smoothly to deliver a kitchen tidy bin and bag system that offers state of the art performance in the 'Kitchen to Compost' service arena".

"Cardia Bioplastics is the natural partner for this application. They are a trusted developer and supplier of sustainable materials technology and supply some of Australia's largest Councils," said John Kernahan.

The new Cardia Bioplastics range of compostable bags are manufactured from renewable resources and are compliant to international standards, including Europe's EN 13432, the USA's ASTM D 6400, Japan's GreenPla, and Australia's AS 4736.

**Photo caption – Cardia 1.jpg, Cardia 2.jpg:** *The Cardia Compostable kitchen tidy bags (on a roll) and fitted in the SULO kitchen tidy bin*

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