



**TO: COMPANY ANNOUNCEMENTS OFFICE**

**ASX LIMITED**

**DATE: 23 February 2010**

## **Cardia Bioplastics Limited selected again to present at CleanEquity Monaco 2010 after winning 2009 Award.**

The Board of Cardia Bioplastics Limited is pleased to announce that as the winner of the 2009 CleanEquity Monaco Conference Award it had been selected to present again in 2010. The Conference takes place on March 4th and 5th at the Sporting d'Hiver, Monaco.

This year at the Conference, Cardia will demonstrate how it launched Bioplastics successfully in 2009 and how in 2010 it is now “closing the loop” by launching a waste plastics to diesel plant in Grangemouth Scotland through its investment in P-Fuel Ltd.

The launch of the new plant aims to be the world’s first commercial “Waste Plastic –to –Transport quality diesel”

Cardia has successfully positioned itself in the bioplastics growth market and its investment in P-Fuel enables the Company to provide solutions in plastics that use less oil, are compostable, recyclable and can convert waste plastics back to oil and/or back to plastics as well as contributing to the reduction of carbon emissions.

An expert selection of the world's most inspiring cleantech companies will be presenting to invited industry-specific, financial and strategic investors, policy makers, legislators and media.

**ASX Code: CNN**

### **Market Cap**

Approx \$13.70M at 2.2cents per share

### **Issued Capital**

622,836,591 Ordinary Shares

### **Listed Options- CNNO**

522,612,199 Options

### **Top 3 Shareholders**

Polarity B Pty Ltd – 12.04%  
Vermar Pty Ltd – 9.18%  
Growthtech International – 5.35%

### **Directors**

Patrick John Volpe  
(Chairman)

Frank Peter Glatz  
(Managing Director)

John Scheirs  
(Non Executive Director)

Chen Yi  
(Executive Director)

### **Registered Office**

Suite 5.10, Level 5,  
737 Burwood Road,  
Hawthorn, VIC 3122

### **Contact**

Pat Volpe: +61 412 088 858

Frank Glatz: +61 400 930 530



Innovator Capital, London specialist investment bank, hosts the annual invitation-only event. CleanEquity Monaco's regional host is the Monaco Chamber of Economic Development.

Other local partners include Prince Albert II of Monaco's Foundation, the Monte Carlo SBM, and the Stelios Philanthropic Foundation. Collaborators for the 2010 event include Arup, Covington and Burling LLP, the Hugin Group, Invest Securities, Royal Philips Electronics NV and the UNEP Fi.

Plenary sessions, led by sector experts, will discuss and identify key industry themes, drivers and constraints, as well as forward looking trends.

A copy of Cardia's Presentation Document for the Conference is attached.

**Pat Volpe**

**Chairman**

## **About Cardia Bioplastics**

Cardia Bioplastics Limited (ASX CODE: CNN) develops, manufactures and markets sustainable resins derived from renewable resources for the global packaging and plastic products industries. The company holds a strong patent portfolio to drive its mission is to be the international leader in the supply of technically advanced sustainable resins made from renewable resources. Established in Australia in 2002 as Biograde Limited, 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 Europe and the Americas, and a network of leading distributors across Australia, the Americas, Asia and Europe. The company's growth is fuelled by the global trend towards sustainable packaging. As Biograde, the company was the exclusive supplier of biodegradable packaging to the 2008 Olympic and Paralympic Games. Biograde was also awarded the Australian Chamber of Commerce "Australia-China Business Excellence Award" in 2008 and the 2009 CleanEquity Monaco Conference award for Excellence in the field of Environmental Technology Commercialisation.

# Cardia

bioplastics™

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# Disclaimer

- This presentation contains forward-looking statements that involve certain risks and uncertainties associated with a development-stage company. Actual results could differ materially from those projected in the forward-looking statements. For a discussion of factors that could cause actual results to vary, please see the risk factors section in our regulatory filings.

# Cardia Bioplastics 'Closing the Loop'



**Towards Sustainability of Plastics,  
Packaging and their Waste**

# Corporate Profile

Listed on Australian Stock Exchange (ASX)

Cardia merged with Biograde Limited in 2009

## Capital Structure

- 623m ordinary fully paid shares ASX code: CNN
- 523m listed options ASX code: CNNO  
(exercisable at 10 cents any time until 30 June 2011)

## Material Investments

P-Fuel, Bioglobal Ltd

**Market capitalization** approx. \$13.7m

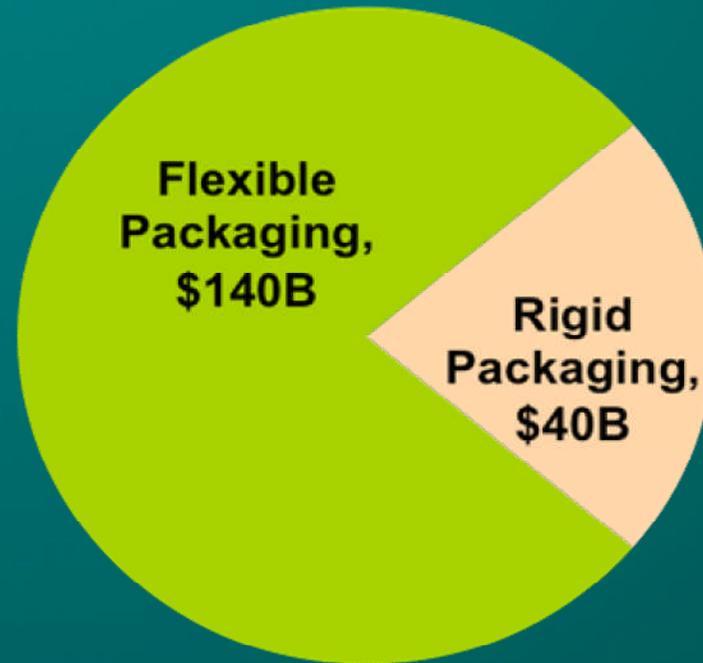
**No of shareholders** 2300

**Top 40 shareholders** 56%

# The Board & Senior Management

Finance	<p><b>Pat Volpe CPA</b> Chairman</p>	<p>Expertise in capital markets, corporate structuring, and fund raising and International Business. Chairman and founding shareholder of Cardia Bioplastics.</p>
Management, Sales & Marketing	<p><b>Dr. Frank Glatz</b> Managing Director</p>	<p>Expertise in international plastics and packaging industries. Track record in global commercialization of Bioplastics and biodegradable products.</p>
Technology	<p><b>Dr. John Scheirs</b> Technical Director</p>	<p>International expert in polymer technology and biodegradable products.</p>
International Operations	<p><b>Alex Fernando</b> Chief Operating Officer</p>	<p>Expertise in international business management in China and Asia.</p>
	<p><b>Jacky Chen</b> General Manager China, Director</p>	<p>Experienced General Manager responsible for China Operations.</p>
R&D	<p><b>Chen Chan Ping</b> Technical Director China Operations</p>	<p>Inventor of technology, Vice Chairman, China Degradable Plastics Association.</p>

# Market Potential



Sustainable and renewable packaging estimated to be <1% of plastics packaging market with exponential growth potential

# Product Offering

Global developer, manufacturer and marketer of sustainable resins and packaging derived from renewable resources

**Cardia**  
biohybrid™

**Cardia**  
compostable

**Cardia**  
bioproducts



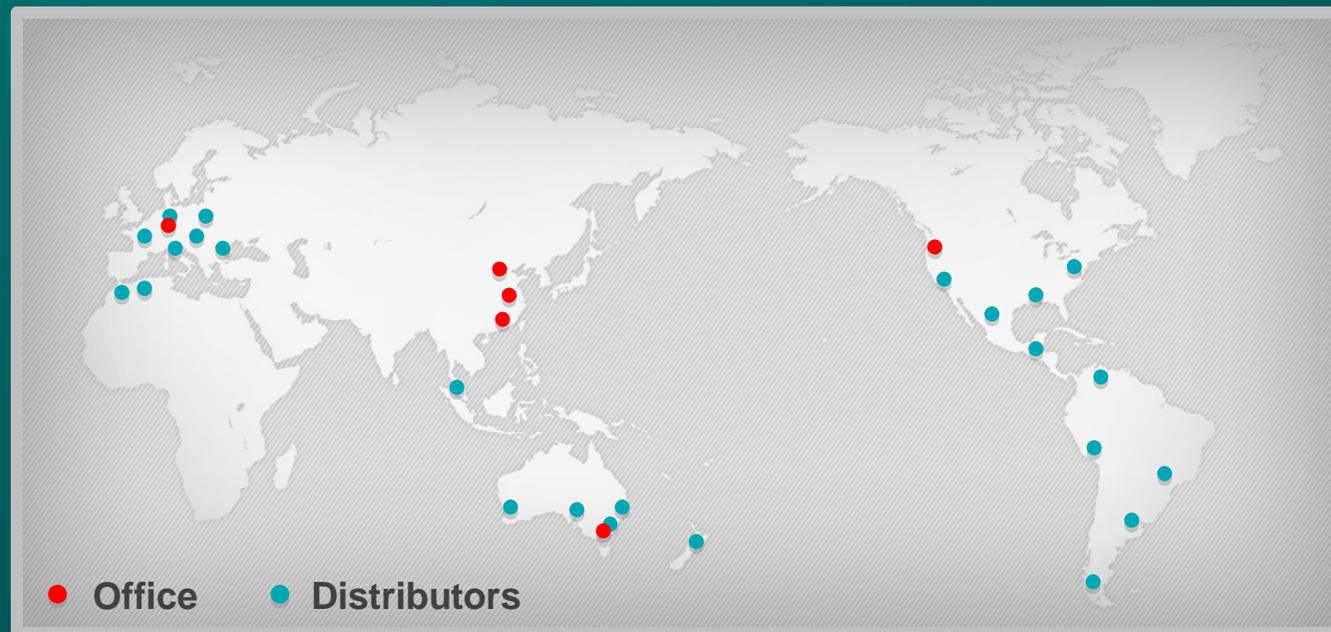
# Customers

- Exclusive supply to Beijing 2008 Olympics and Paralympics
- Sales to high profile packaging users
- Joint product development at in-market validation stage with leading international brand owners and retailers



# Cardia Bioplastics Operational Profile

- Corporate and operational centre in Melbourne (Australia)
- Manufacturing and product development in Nanjing (China)
- Additional operational offices in China, USA, Germany
- Established global distributor network
- Number of employees: 51



# Cardia Bioplastics Applications



# Cardia Bioplastics Applications



## Enhancing Packaging Performance

- High performing packaging films with thin gauge capability ( $\geq 8$  micron) and excellent aesthetics
- Robust injection moulding, blow moulding and foam products
- Tailor products to customers' performance and sustainability requirements
- For further information: [www.cardiabioplastics.com](http://www.cardiabioplastics.com)

# Strategy for Growth

- Additional capital for expansion will be required to achieve the following:
  - Broaden intellectual property, patent position and accreditation status
  - Global product and application development
  - International co-operation with leading consumer goods and packaging companies
  - Expansion of manufacturing capabilities for resin, semi-finished and finished products
  - World-wide sales and marketing presence to accelerate global sales growth

# 'Closing the Loop' Strategy

- 2008/9 Cardia launches its Bioplastics globally
- 2010 P-Fuel launches waste plastics to diesel process
- P-Fuel launching world's first commercial plastics to transport quality diesel plant planned for Grangemouth/Scotland in 2010
- Proven technology operating plants in Korea and USA for mixed oils



# Technology – Point of Difference

- Robust operation with proven track record of continuous production
- No coking due to far infra red heating
- Unique technology producing fuels with low sulphur
- Designed to meet transport quality diesel standards



# Why Cardia Bioplastics

- Cardia has positioned itself in the Bioplastics growth market
- Cardia's investment into P-Fuel enables 'Closing the Loop' solutions
  - Less oil, recyclable, compostable, and back to oil
- Contributing to the reduction of carbon emissions

**Unique investment opportunity into an expanded global market supported by government, consumers and business**