

**ASX/Media Release**  
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## **BluGlass Ltd – Accepted Into Australian Technology Showcase**

BluGlass Ltd, a wholly Australian owned company that is developing novel technology which has the potential to reduce the cost of gallium nitride, a core component in energy efficient light emitting diode (LED) lighting, announced today that it had been accepted into the Australian Technology Showcase (ATS).

The ATS recognition is a major boost for BluGlass which is commercialising innovative technology developed at Sydney's Macquarie University to cut the cost of making LED's. LED's are the future of lighting technology worldwide.

LED's are greatly more efficient than traditional incandescent light bulbs, use about the same electricity as compact fluorescent bulbs and last much longer than both current technologies. LED's are also more environmentally friendly to manufacture than compact fluorescents.

ATS is a program supported by the Commonwealth and State Governments and private sector organisations to recognise and promote small and medium sized Australian business enterprises that have innovative, cutting-edge technologies. ATS aims to promote member technologies on the domestic and international markets.

"BluGlass is delighted be to accepted into the Australian Technology Showcase," said BluGlass CEO David Jordan, "We are making great progress with our unique LED technology and the Australian Technology Showcase will help attract even more local and international attention and support for what we are doing".

### **Background on BluGlass:**

BluGlass is commercialising a new process for producing gallium nitride (GaN) at a lower cost than current commercial processes. GaN is a key component in the manufacture of light emitting diodes (LED's). LED's can have a positive environmental benefit in reducing energy demand and greenhouse gas emissions.

However, the high cost of making LEDs has to date been one of the key factors in limiting their uptake in the general lighting market. Current LED manufacturing costs have restricted their use to electronics, mobile handsets and special situations such as traffic lights and signage.

BluGlass's technology aims reduce the cost of manufacturing LED's and bring them into everyday usage in residential and commercial lighting as well as a range of other common uses including backlighting for TV and computer screens.

BluGlass and many lighting energy experts believe that compact fluorescent lighting is a short-term step forward from incandescent light bulbs and that LED's will ultimately become the most commonly available, energy efficient form of lighting worldwide.

LEDs are the longest-lasting, most energy efficient form of lighting, offering tailored "warm" light. They are four to five times more efficient than traditional incandescent light bulbs, and generate significantly less heat. They also have an operational life of up to 10 years, 100 times greater than an incandescent bulb and 12 times more than a compact fluorescent.

BluGlass aims to be at the forefront of a coming LED lighting revolution as LEDs break into the \$US100 billion global market for general lighting products.

BluGlass was founded in June 2005 as a result of research conducted at Macquarie University in NSW during the past decade. It was listed on the Australian Stock Exchange in September 2006 (ASX code BLG).

#### **Background on the Australian Technology Showcase:**

The ATS is supported by many Australian public and private sector organisations. These include:

- the Commonwealth Government, through AusIndustry
- the Governments of New South Wales, Queensland, Victoria and the Australian Capital Territory

ATS began in NSW in 1997 as an initiative of the NSW Government's Department of State and Regional Development. The Showcase was established to promote innovative Australian technologies to the world in the spotlight of the Sydney 2000 Olympic Games.

Now a national program, the Australian Technology Showcase continues to present member technologies professionally to likely business partners and markets around the world, securing benefits for member companies and, more broadly, for industry in Australia. The Australian Technology Showcase now features more than 400 NSW technology companies and more than a total of 500, nationally.

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#### **Further information:**

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#### **About BluGlass:**

BluGlass was founded in June 2005 as a result of research conducted at Macquarie University in NSW during the past decade. It was listed on the Australian Stock Exchange in September 2006 ( ASX code BLG). BluGlass aims to commercialise a new process for producing gallium nitride (GaN) at a lower cost than current commercial processes. This would enable the wider use of GaN devices, such as light emitting diodes, in the lighting market and have a positive environmental benefit in reducing energy demand and greenhouse gas emissions.