

The Manager

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## **TOP TIER LED COMPANY TO EVALUATE BLUGLASS' RPCVD FOR LED APPLICATIONS IN COLLABORATIVE PROJECT**

### **Key Points:**

- Industry leading LED manufacturer to evaluate BluGlass' unique RPCVD technology for LED applications
- Collaboration to focus on a novel application of RPCVD targeting improved LED performance and cost

Australian Cleantech Innovator, BluGlass Limited (ASX:BLG) has today announced that it will commence a collaborative evaluation with a Tier-1 LED manufacturer to investigate RPCVD for LED applications.

BluGlass has been approached by a Tier-1 LED manufacturer to test a custom application of RPCVD in order to assess the advantages of BluGlass' unique process. Following multiple meetings and reviews of current RPCVD data, the two parties have agreed to commence a collaboration targeting the improvement of LED performance and cost.

The initial stage of the project involves materials testing of RPCVD wafers grown entirely at BluGlass. This will then be followed by integration with the LED manufacturer's devices for further LED performance testing.

BluGlass Managing Director Giles Bourne said today "The RPCVD technology is now being evaluated by one of each of the industry's equipment and device market leaders; attracted to the company by our latest technology demonstrations and the benefits of our RPCVD technology. This is a great development for BluGlass as we progress towards industry acceptance of our breakthrough technology."

This collaboration will require development effort by BluGlass and will involve multiple iterations. This initial project stage does not entail any financial commitment by either party beyond their own costs of the evaluation. The nature and details of the project are subject to a confidentiality agreement.

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74 ASQUITH STREET  
SILVERWATER NSW 2128  
P + 61 (0)2 9334 2300  
F + 61 (0)2 9748 2122

[WWW.BLUGLASS.COM.AU](http://WWW.BLUGLASS.COM.AU)

### About BluGlass

BluGlass Limited (winner of the 2013 Australian Technologies Competition) is an Australian green technology company formed to commercialise a breakthrough in the Semiconductor Industry.

BluGlass has invented a new process using Remote Plasma Chemical Vapour Deposition (RPCVD) to grow semiconductor materials such as gallium nitride (GaN) and indium gallium nitride (InGaN), crucial to the production of high efficiency devices such as next generation lighting technology Light Emitting Diodes (LEDs) with advanced performance and low cost potential. The RPCVD technology, because of its low temperature and highly flexible nature, offers many potential benefits over existing technologies including higher efficiency, lower cost, substrate flexibility including GaN on silicon and greater scalability.

Media Contact: Stefanie Winwood +61 2 9334 2300 [swinwood@bluglass.com.au](mailto:swinwood@bluglass.com.au)