

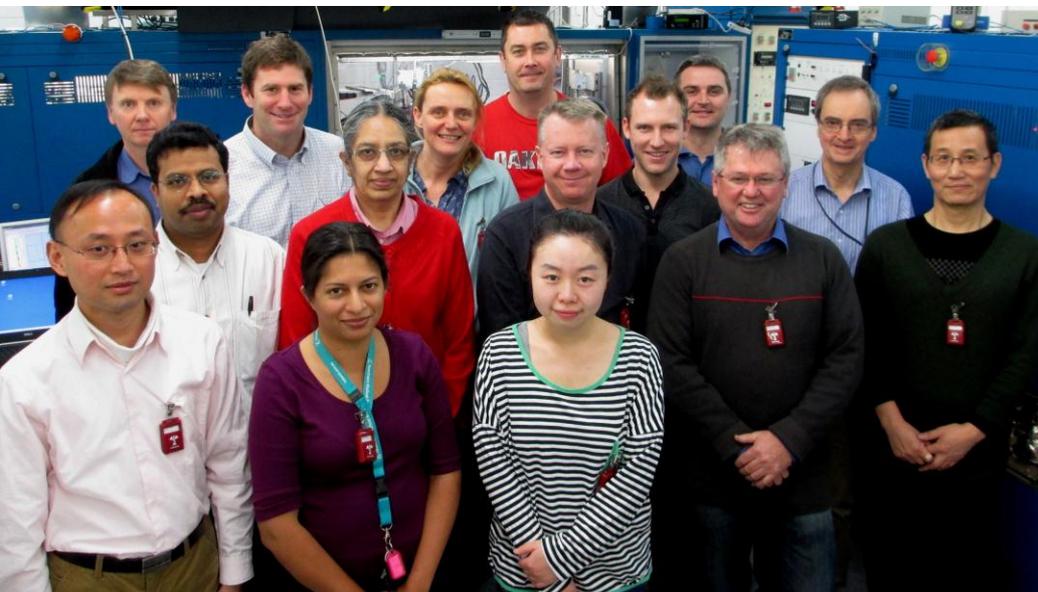
The Manager
ASX Announcements Platform

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BLUGLASS BRINGS SCALED-UP RPCVD SYSTEM ONLINE

Australian Cleantech company, BluGlass Limited (ASX:BLG) has today announced that the RPCVD BLG-300, the retrofitted ex-production scale 19x2 inch system, has been successfully commissioned at the company's Sydney facility.

This new system will enable the Company to accelerate the RPCVD development and will also assist in demonstrating the scalability of the RPCVD technology from its current 7x2 inch deposition capability to a 19x2 inch (or up to a single 8 inch wafer) capability. This advanced scale system will double the research and development capacity by enabling multiple RPCVD systems to simultaneously operate separate experimentation. This will greatly enhance the team's capability to address the *Brighter LEDs* milestone.



“With the successful commissioning of the new RPCVD system, BluGlass now has the platform in place to scale the technology towards production capacity.” BluGlass CEO Giles Bourne said today. “This is a big step forward for the company's technical development and will allow us to significantly expedite progress towards our next milestones”. Bourne added.

The larger scale system will also be used to demonstrate the potential performance advantages of a low

The BluGlass Technology Team in front of the newly commissioned larger scale RPCVD system, the BLG-300 today.

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temperature CVD process, in particular for GaN on silicon. BluGlass will be aiming to demonstrate GaN growth on 8 inch silicon wafers. The use of silicon substrates could be significantly more cost effective for LEDs and provides improved performance for power electronic devices. Although MOCVD (the industry standard process) has been used commercially for GaN on silicon applications, the higher temperatures required have led to production issues. This presents a good opportunity for low temperature RPCVD to show commercial improvement. These large size silicon wafers are not only relevant for LEDs, but also for the emerging market for GaN in power electronics whereby costs can be driven down by using existing well established silicon manufacturing plants that have significant spare downstream manufacturing capacity.

The new BLG-300 system is a retrofit of the same model MOCVD system that was installed at Silverwater in November 2013. This will enable BluGlass to compare MOCVD and RPCVD based on the identical operating system.

The Company continues to make progress along its published development roadmaps.

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About BluGlass:

BluGlass Limited (winner of the 2013 Australian Cleantech 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 and greater scalability.

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