

The Manager
ASX Announcements Platform

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BLUGLASS TECHNOLOGY & BUSINESS UPDATE

Key Points:

- Encouraging progress on Lumileds and Veeco collaborations
- Wafers from HC Semitek have arrived in Silverwater with the first iteration of collaborative effort commenced
- Initial scaling project is due for implementation in July

BluGlass is pleased to report that good progress is being made in a number of key areas critical to the positive completion of our evaluation agreements with three of the industry's leading companies.

Lumileds Evaluation

The Lumileds evaluation is making steady progress towards the agreed milestones. BluGlass' Chief Technology and Operations Officer, Dr. Ian Mann, recently returned from the US where he visited Lumileds to review recent RPCVD data and plan the next iterations of experiments critical to the collaboration milestones.

Veeco Evaluation

A number of samples were recently prepared by BluGlass and shipped to Veeco in the US. Veeco has compiled recent data for both the green LED and HEMT projects, with both returning progressive results. Technical and commercial discussions with the semiconductor equipment company are ongoing.

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HC SemiTek Evaluation

The collaborative development work with HC Semitek has now commenced. BluGlass and HC SemiTek are exploring the RPCVD advantages for green LEDs and Aluminum Nitride (AlN) to use in high brightness LEDs. The two companies have agreed a planned set of experiments for both projects. The 4" sapphire wafers have now arrived in Silverwater; and deposition of the RPCVD AlN films has begun. These will be shipped to HC SemiTek to fabricate into LED devices for testing. BluGlass has also just received the LED wafers for the green LED development and this RPCVD work will commence later this week.

Uniformity and Scaling Project

The RPCVD chamber upgrade to improve the uniformity of the RPCVD deposition is well underway; with the first upgraded system expected to be operational in July. The upgrade of the second, and larger RPCVD system, will be determined by the progress on the industry evaluations to ensure minimal interruption to the ongoing projects with our partners.

Other Applications and Interest:

BluGlass continues to receive interest from major industry participants looking at novel ways of exploiting RPCVD and discussions are ongoing under confidentiality agreements. We are encouraged that the level of interest from the industry continues to grow, and we look forward to keeping our shareholders informed as these evaluations and discussions progress.

-Ends-

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) and power electronics, 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.

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