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The Manager

Company Announcements Office

ASX Limited

**P** +61 2 9334 2300

**F** +61 2 9748 2122

## **FIRST PROCESS RUNS IN THE UK ON LOW TEMPERATURE CVD SYSTEM**

### **Key Points:**

- **UK research and demonstration site now commissioned**
- **Gallium Nitride (GaN) process runs ahead of the JV scheduled milestone**
- **SPTS and its substantial shareholder, Bridgepoint, confirms its commitment to the Joint Venture and its BluGlass investment**

BluGlass Limited (ASX: BLG) has today announced with its Joint Venture (JV) participant, SPTS, that the UK research and demonstration site has now been commissioned and has commenced process runs in Newport, Wales. This includes a retrofitted, field-proven SPTS plasma based production platform incorporating low temperature GaN technology as designed by the Joint Venture. The new tool has already commenced nitride process runs ahead of the JV scheduled milestone.

The JV has also put in place a dedicated team of expert process and hardware engineers operating the newly commissioned research and demonstration site.

SPTS President and CEO, Dr. William Johnson today said "SPTS and our substantial shareholder, private equity firm, Bridgepoint, are committed to the long term growth of the BluGlass Joint Venture which we see as a major future commercial opportunity. Bridgepoint are also committed to the 19.9% SPTS shareholding in BluGlass." Dr. Johnson also added "This key milestone accelerates our development capabilities by immediately doubling the



processing capacity of the Joint Venture. These two sites are being operated by world class teams.”

BluGlass CEO, Giles Bourne said today “This new site and tool in the UK, along with the 5<sup>th</sup> generation RPCVD system in Silverwater, will greatly assist BluGlass to achieve its commercial goals. RPCVD offers LED manufacturers both cost and performance advantages over the current industry standard MOCVD”.

“The 5<sup>th</sup> generation tool in Silverwater is also demonstrating exciting progress and promising results. We believe that we are now very well placed to deliver our next technical milestones between these two teams and facilities” finished Mr. Bourne.

The Joint Venture continues to make progress towards the delivery of single crystal material, the next technical milestone in the roadmap, as a stepping stone required to deliver RPCVD to the mainstream LED manufacturing market. This is now further enhanced with operations in Silverwater, Australia and now a new top quality demonstration facility in Newport, Wales running simultaneously. Both parties are confident and committed to the success of the venture.

-Ends-

**About BluGlass:** BluGlass Limited is an Australian green technology company developed 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 significant low cost potential. BluGlass, through its subsidiary, BluSolar is now exploring the process’ viability in photovoltaic (solar) applications. The BluGlass process is a low temperature and low cost technology with the potential for scalability. Contact: Stefanie Winwood 02 9334 2300 [swinwood@bluglass.com.au](mailto:swinwood@bluglass.com.au)

**About SPTS:** SPTS is a global supplier of advanced capital equipment and process technologies and is also a leading provider of plasma based process equipment to tier-1 and tier-2 manufacturers of LEDs, semiconductors and other electronics globally. SPTS, with over 500 employees and 35 locations worldwide is seeking to expand its product portfolio into adjacent process equipment sectors. SPTS are now a cornerstone investor in BluGlass Limited after investing \$5.2M and signing a Joint Venture agreement to commercialise BluGlass’ RPCVD technology on field proven production platforms. For more information about SPTS, please visit [www.spp-pts.com](http://www.spp-pts.com)