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BLUGLASS ENTERS CUSTOMER COLLABORATION WITH EUROPEAN microLED DEVELOPER

Key Points:

- BluGlass has entered into a Collaboration Agreement with a well-funded microLED company
- The collaboration aims to develop novel RGB microLED applications
- The microLED market represents a strong opportunity for the RPCVD process, benefiting from a low temperature manufacturing solution

Australian technology innovator BluGlass Limited (ASX:BLG) has today announced that it has entered into a collaboration agreement with a well-funded European pioneer in the microLED industry, to investigate the use of BluGlass' proprietary manufacturing technology, RPCVD. The collaboration is exploring a novel application with significant commercial potential.

The two companies will work together to demonstrate proof of concept of a unique red, green and blue (RGB) microLED display application (as defined by the agreement) using BluGlass' low temperature process. BluGlass will be paid for its deposition services and retain all RPCVD related Intellectual Property rights resulting from the collaboration.

BluGlass is commercialising a breakthrough semiconductor technology called Remote Plasma Chemical Vapour Deposition (RPCVD) in the global multi-billion-dollar LED and power electronics industries. BluGlass' patented hardware and processes offers electronics manufacturers the advantage of producing more efficient devices at a lower cost.

Managing Director, Giles Bourne, said today "The microLED market is an enormous opportunity for RPCVD within one of the fastest growing LED market segments, with applications in wearables (watches), mobile displays, next generation TV displays, virtual reality (VR) and augmented reality (AR). The inherent advantages of RPCVD lends itself to RGB LEDs, required in micro-displays. Low temperature RPCVD could be key to unlocking high performance of longer-wavelength LEDs (green and red LEDs) and be part of an enabling technology solution".

Mr. Bourne finished "BluGlass carefully selects our collaborative partners; and we are excited to be working with this dynamic microLED partner".

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About BluGlass:

BluGlass Limited (ASX: BLG) is a global leader commercialising a breakthrough platform technology called Remote Plasma Chemical Vapour Deposition (RPCVD). BluGlass has invented a new process using RPCVD to grow advanced materials such as gallium nitride (GaN) and indium gallium nitride (InGaN). These materials are crucial to the production of high-efficiency devices such as power electronics applications and light emitting diodes (LEDs) used in next-generation vehicle lighting, virtual reality systems and device backlighting.

The RPCVD technology, because of its low temperature and flexible nature, offers many potential benefits over existing technologies including higher efficiency, lower cost, substrate flexibility (including GaN on silicon) and scalability.

BluGlass was spun off from Macquarie University in 2005 and listed in 2006.

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