

BluGlass enters collaboration with AIXTRON

Evaluation of RPCVD technology is carried out with AIX 2800G4-HT system

Herzogenrath/Germany, January 03, 2019 – AIXTRON SE (FSE: AIXA), a worldwide leading provider of deposition equipment to the semiconductor industry, today announced that it is collaborating with Australian technology innovator, BluGlass Limited (ASX: BLG) to evaluate BluGlass' unique remote plasma deposition (RPCVD) technology.

BluGlass has selected the AIX 2800G4-HT system for the scaling of RPCVD to mass production capacities. AIXTRON's Planetary Reactor[®] delivers class leading semiconductor film uniformity due to its proprietary dual axis of wafer rotation during deposition. RPCVD technology enables low temperature deposition of III-V nitrides which could potentially improve the performance of devices. The first integration of RPCVD onto the AIX 2800G4-HT will be conducted at BluGlass' Silverwater facility in Sydney, Australia.

BluGlass' Managing Director Giles Bourne said today, "We are very pleased to have the support from AIXTRON for this major scaling project of our technology. This is an important step towards demonstrating the commercial viability of RPCVD in large scale manufacturing."

AIXTRON's Group Innovation Officer Dr. Ken Teo adds, "At AIXTRON, we are constantly striving to bring novel technologies onto our platforms in order to provide our customers with advanced capabilities. We want to explore the potential of RPCVD technology for low temperature deposition of nitride layers which may open up new possibilities for optoelectronic devices. We look forward to working with BluGlass in integrating RPCVD and evaluating the technology."

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About AIXTRON

AIXTRON SE is a leading provider of deposition equipment to the semiconductor industry. The Company was founded in 1983 and is headquartered in Herzogenrath (near Aachen), Germany, with subsidiaries and sales offices in Asia, United States and in Europe. AIXTRON's technology solutions are used by a diverse range of customers worldwide to build advanced components for electronic and opto-electronic applications based on compound or organic semiconductor materials. Such components are used in a broad range of innovative applications, technologies and industries. These include Laser and LED applications, display technologies, data transmission, SiC and GaN power management and conversion, communication, signaling and lighting as well as a range of other leading-edge technologies.

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For further information on AIXTRON (FSE: AIXA, ISIN DE000A0WMPJ6) please visit our website at: www.aixtron.com.

About BluGlass

BluGlass Limited (ASX: BLG) is a global leader commercialising a breakthrough technology using Remote Plasma Chemical Vapour Deposition (RPCVD) for the manufacture of high-performance LEDs and other devices. 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 and high-brightness 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.

For additional information, visit: www.bluglass.com.au

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