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BluGlass joins leading GaN lighting & electronics consortium

Highlights

- BluGlass has been invited to join the University of California, Santa Barbara's (UCSB) Solid-State Lighting & Energy Electronics Centre (SSLEEC) consortium
- Member companies are internationally recognised as contributing to the advancement of solid-state lighting & electronics
- SSLEEC membership provides BluGlass with access to the UCSB's pre-eminent gallium nitride (GaN) faculty and facilities, accelerating its advanced laser product roadmaps

Global semiconductor developer BluGlass Limited (**ASX: BLG**) is pleased to announce it has joined the University of California, Santa Barbara's (UCSB) Solid-State Lighting & Energy Electronics Centre (SSLEEC) consortium; recognising the company's leading innovation in RPCVD epitaxy growth, novel laser architectures, and longer-wavelength GaN devices.

The SSLEEC is an invitation-only collaboration between industry leaders and the pre-eminent University of California, Santa Barbara's gallium nitride researchers, including blue-LED inventor and Nobel Laureate, Professor Shuji Nakamura, and industry luminary Professor Steven DenBaars. The consortium focuses on the development of new semiconductor technologies for energy-efficient lighting, disinfection, advanced mobile displays, augmented and virtual reality, communication, and power electronics. The SSLEEC works in collaboration and across scientific disciplines to address the most challenging problems in critical and timely areas of research.

The SSLEEC have been researching materials growth, simulation, characterisation, device design and fabrication for high-efficiency LEDs and laser diodes for more than 15 years. It is one of the most successful business models between universities and industry partners in the sector, producing more than 150 patents over the past six years.

Consortium membership provides BluGlass with access to UCSB's world-class faculty, facilities, and specialist GaN researchers, which will be invaluable in accelerating product development roadmaps for its novel blue and green laser diodes.

Jim Haden, BluGlass President, said, "We are delighted to be invited to join the world's leading GaN industry and academic consortium, which is a testament to the cutting-edge development being conducted at BluGlass. Our membership enables us to leverage the expertise of industry pioneers Drs. Shuji Nakamura and Steven DenBaars; and to fast-track our advanced product roadmaps. It also enhances our credibility with potential customers and partners, reinforcing our expertise in GaN laser diodes."

"We are thrilled to be working with BluGlass, the world leader in RPCVD technology," stated Professor Shuji Nakamura. Professor Steven DenBaar's continued, "I believe that RPCVD technology has huge advantages for the next generation of GaN advanced semiconductor devices."

This announcement has been approved for release by the BluGlass Board.

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About BluGlass

Developing leading-edge semiconductor manufacturing technology and devices for more than a decade, **BluGlass Limited (ASX:BLG)** is a provider to the global GaN photonics industries, delivering cutting-edge, custom **laser diode** development across the industrial, defence, display, and scientific markets.

Listed on the ASX, we are an Australian public company established to power the smarter, cleaner, more efficient photonics of tomorrow with our proprietary low temperature, low hydrogen, **remote plasma chemical vapour deposition** (RPCVD) manufacturing technology.

Backed by an extensive network of supply-chain partners, BluGlass is developing a suite of laser diode products, from small batch custom lasers through to high-volume and off the shelf products.