

Joint Venture Update

Giles Bourne, CEO BluGlass Limited | William Johnson, President and CEO SPTS LTD

September 2010



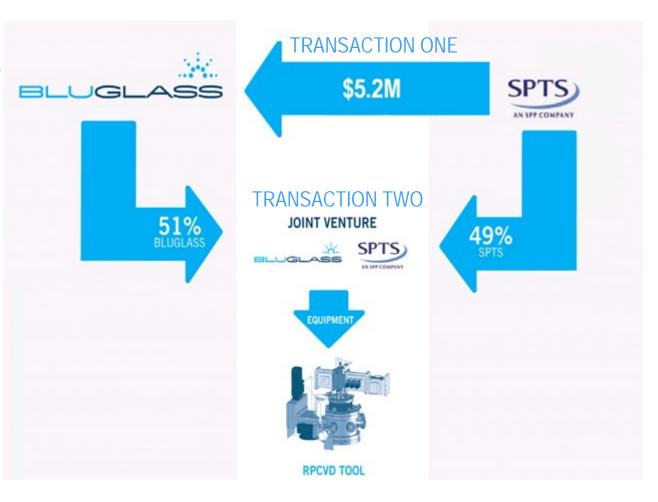
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STRATEGIC PARTNERSHIP

- SPTS invests \$5.2 million in BluGlass Limited (additional to JV investment)
- BluGlass & SPTS Joint Venture to establish new equipment company
- SPTS and BLG will further invest equally into the Joint Venture
- Global authority on PV and LED equipment, William Johnson joins the BLG board





BLUGLASS OVERVIEW

BluGlass' technology is an alternative manufacturing platform offering significant advantages to manufacturers in the LED and solar industries

- BluGlass is developing a unique process using Remote Plasma Chemical Vapour Deposition (RPCVD) for depositing semiconductor materials
- BluGlass' technology targets the LED and PV (solar) industries

BLUGLASS VALUE PROPOSITION

- Lower manufacturing costs
- Improved performance
- A new IP approach
- Cleaner and safer to operate
- Development and manufacturing facility in Silverwater, Sydney
- 30 August 2010 Announced formation of a Joint Venture with SPTS
 - Additional RPCVD activities will take place at SPTS
 - 30 August 2010 Announced a \$5.2 million equity investment into BluGlass by SPTS
- Total invested capital is now in excess of \$30 million



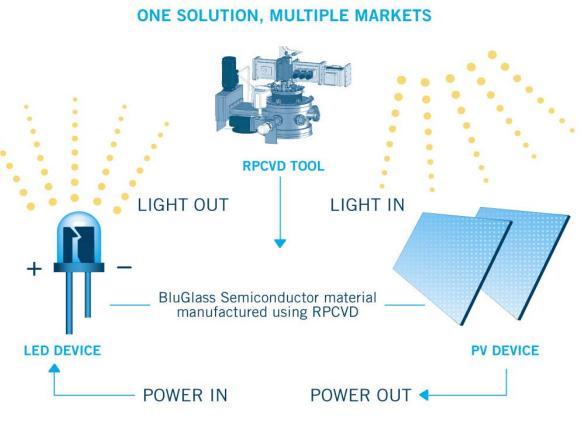
THE RPCVD PLATFORM

RPCVD, a single process with two growth markets in LED and solar photovoltaic (PV)

RPCVD is a versatile platform suitable for the growth of group III nitride films for LEDs and solar cells

Its low temperature and potential scalability provide significant opportunity for cost and performance advantages for these compound semiconductor applications

The Joint Venture intends to bring RPCVD to market on field-proven production platforms





SPTS OVERVIEW







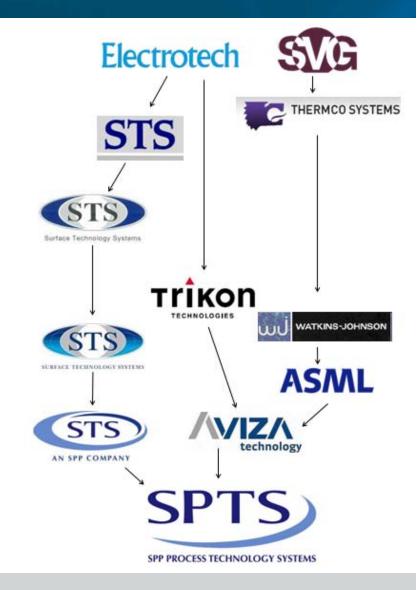
SPTS is a rapidly growing semiconductor equipment manufacturer wholly owned by Sumitomo Precision Products

- SPTS is wholly owned by Sumitomo Precision Products, a US \$500m revenue company listed on the Tokyo Stock Exchange
- SPTS is a semiconductor process equipment company and a leading provider of plasma-based process technology, including chemical vapour deposition
- SPTS has a strong global customer base including tier-1 and tier-2 LED manufacturers
- SPTS has extensive technical and manufacturing capabilities with two production facilities
 - Newport, Wales and
 - San Jose, CA, USA
- SPTS has over 400 staff, with over 35 worldwide locations
- Tripled revenue in the first half of 2010



SPTS HERITAGE

- SPP merged its UK subsidiary, Surface
 Technology Systems, and acquired Aviza assets
 into a new company, SPP Process Technology
 Systems (SPTS)
- Immediate goal was to integrate ATL and STS, redefine and modernize the thermal products business model, and integrate global field activities
- SPTS seeks to be the market leader in etch/PVD/CVD for MEMS, TSV, power device, WLP, and LED/compound semiconductor applications...
- ...and to support existing thermal product customers with factory certified parts, service, upgrades, and systems, while identifying new niche markets





SPTS – GLOBAL CUSTOMERS









































TEXAS INSTRUMENTS



































































JV MARKET OPPORTUNITY

The driving market demand for HB LEDs will grow by 61% in 2010 and supply is unlikely to keep up – IMS research

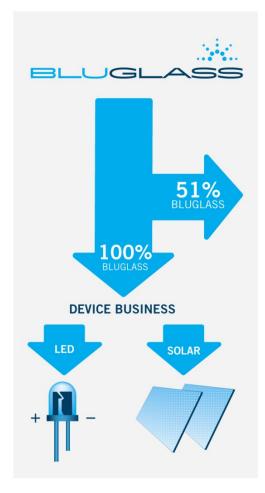
- LED Equipment market is expected to be worth \$650M- \$1B in next 2 years (SAM Forecast)
- Equipment undersupply in 2010
- Opportunity exists for new equipment manufacturers
- LED Market 61% growth





THE JOINT VENTURE - STRUCTURE

- The JV Company is established to complete the development and productisation of RPCVD
- The JV seeks to position itself as a leading developer, manufacturer and marketer of RPCVD equipment
- The Joint Venture will be co-funded by both parties (additional to the \$5.2M investment by SPTS into BLG)









ROADMAP TO MARKET PHASE ONE

PHASE ONE





ROADMAP TO MARKET PHASE TWO

PHASE ONE

COMPLETED

COMPLETED

September 2010

PHASE TWO

SHORT TERM

October 2010

Joint Venture Company

commences operations

SHORT TERM

October 2010

SPTS establishes JV team

in Australia with plasma and

equipment experts

seconded to the JV

Company

SHORT TERM

Single crystal GaN

grown using RPCVD



ROADMAP TO MARKET PHASE THREE

PHASE ONE







ROADMAP TO MARKET PHASE FOUR

PHASE ONE PHASE TWO PHASE THREE

COMPLETED

COMPLETED

September 2010

SHORT TERM

October 2010 Joint Venture Company commences

SHORT TERM

October 2010 SPTS establishes JV team in Australia with

RPCVD

MEDIUM TERM SHORT TERM Establish

Single crystal demonstration GaN grown using system for testing at strategic SPTS

MEDIUM TERM

Scale to next generation manufacturing

MEDIUM TERM

Single crystal GaN grown using RPCVD with MOCVD equivalent

PHASE FOUR

LONG TERM

Equipment sales and manufacturing ramp up

LONG TERM

Establish demonstration system at Top Tier customer site for demonstration and testing



ROADMAP TO MARKET - PENETETRATION

The JV Company seeks to position itself as a leading developer, manufacturer and marketer of RPCVD equipment





BluGlass has delivered a Strategic Partner and Joint Venture company that will complete the development and productisation of RPCVD equipment

- The Joint Venture Company intends to establish:
 - An alpha system in a strategic location for demonstration and testing
 - A beta system at a top tier customer site for demonstration and production environment testing
 - Equipment Sales
- BluGlass' retains 100% ownership of its device business and IP and will continue to deliver:
 - A global patent portfolio
 - A Concentrated Photovoltaic (solar) Business Stream through its Climate Ready grant
 - An LED device Business Stream







Thank You

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