

ANNUAL FINANCIAL REPORT 2015
BLUGLASS LIMITED AND CONTROLLED ENTITIES I ABN 20 116 825 793



# COMPANY DIRECTORY

The company Secretary is: Mr Emmanuel Correia.

The address of the principal registered office in Australia is: 74 Asquith Street, Silverwater NSW 2128

Registers of securities are held at the following address: 770 Canning Highway, Applecross WA 6153

# Stock Exchange Listing:

Quotation has been granted for all the ordinary shares of the company on all Member Exchanges of the Australian Securities Exchange.

# BRIGHTER FUTURE LOWER TEMPERATURE 13145





The technology has progressed to such an extent during the year that we have been able to formally engage with the industry to begin the process of evaluation and acceptance of the RPCVD technology with the objective of translating this into a meaningful outcome for the business.

Giles Bourne, Managing Director and Chief Executive Officer, BluGlass Limited

# **ABOUT BLUGLASS**

BluGlass is commercialising a versatile platform semiconductor technology called Remote Plasma Chemical Vapour Deposition (RPCVD) to produce more efficient electronic devices, at a lower cost and in a more sustainable manner.

RPCVD can be used for the manufacture of group III nitrides, essential components in millions of electronics and power devices today. The LED market alone is predicted to be worth in excess of US \$216 Billion from 2015-2024.

RPCVD has several advantages over current manufacturing techniques as a result of its low temperature process that allows for higher performing devices and a cleaner and lower cost method of manufacture. The current technology is called Metal Organic Chemical Vapour Deposition (MOCVD), which operates at high temperatures, typically over 1100°C, and relies on expensive and toxic ammonia for depositing the semiconductor

materials. The high temperature growth causes some degradation of the critical performance layers in these electronic devices, such as LEDs, leading to performance loss.

RPCVD operates several hundred degrees cooler than MOCVD resulting in the potential to create better performing devices and at a lower cost by replacing toxic ammonia with cheap, inert nitrogen.

The RPCVD technology is an award winning Australian invention, and is protected by 39 internationally granted patents in key semiconductor markets, including the US, Europe, China and Japan. The company also recently signed an evaluation agreement with one of the global market leaders in semiconductor process equipment, Veeco Instruments Inc (NASDAQ: VECO).

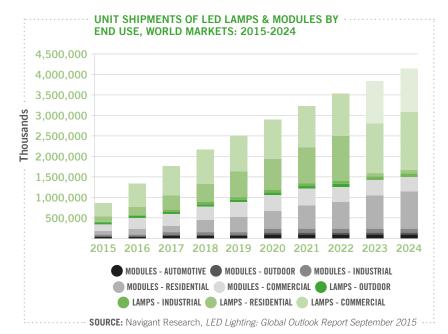
The immediate goal for the Company is to continue to improve on recent technology results and steer the Company towards industry acceptance. The objective is to fulfil the longer term goals, namely commercialising the technology via RPCVD foundry applications, licencing, partnership (JV / JDA) or by retrofitting existing MOCVD systems. BluGlass will continue to review all options for the commercialisation of its RPCVD technology.

# **MARKET OPPORTUNITY**

The main markets that BluGlass is looking to for early adoption of the RPCVD technology include the LED industry which is expected to total more than \$216B to 2025 and the GaN power electronics industry which is expected to grow 17 fold to \$2.5bn in 2023.

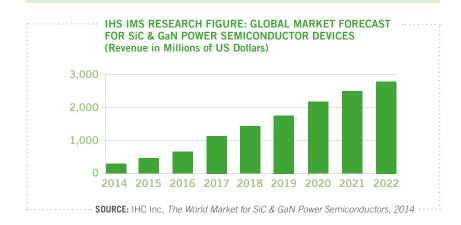
# GLOBAL REVENUE FROM LED LIGHTING SYSTEMS IS EXPECTED TO TOTAL \$216 BILLION FROM 2015 TO 2024

The main markets that BluGlass is looking to for early adoption of the RPCVD technology include the LED industry which is expected to total more than \$216B to 2025 and the GaN power electronics industry which is expected to grow 17 fold to \$2.5bn in 2023.



# GAN POWER SEMICONDUCTOR MARKET TO GROW 17-FOLD TO \$2.5BN IN 2023.

The emerging global market for silicon carbide and gallium nitride power semiconductors will grow by a factor of 17 over the 10 years from 2013 (just \$150m) to 2023 (\$2.5bn), forecasts market research firm IHS Inc in the report *'The World Market for SiC & GaN Power Semiconductors — 2014 Edition'*.



**RPCVD** HAS MULTIPLE HIGH GROWTH MARKET OPPORTUNITIES

# BENEFITS OF RPCVD



LOWER TEMPERATURE MANUFACTURING PROCESS



INCREASED DEVICE PERFORMANCE



LOWER COST INPUTS

# PERFORMANCE DATA: RPCVD

Green LED Results



RPCVD EL DATA (WAFER TEST)	AT 20MPA	AT 50MPA
Light Output (mW)	1.5	3.5
V <sub>f</sub> (V)	3.8	4.9
Peak Wavelength (nm)	523	521
FWHM (nm)	33	36

RPCVD p-GaN overgrown on MOCVD grown MQWs (measurements made using indium contacts).



RPCVD EL DATA (WAFER TEST)	AT 20MPA	AT 50MPA
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RPCVD p-GaN overgrown on MOCVD grown MQWs (measurements made using indium contacts).

BLUGLASS LIMITED AND CONTROLLED ENTITIES

KEY HIGHLIGHTS 2015

# PATH TO MARKET

# Demonstrate Key Applications

IMPROVE DEVICE PERFORMANCE COMBINING RPCVD WITH MOCVD

# Grow Foundry Service Business

CONTINUE TO WORK WITH MOCYD & RPCVD CUSTOMERS AT THE LEADING EDGE OF TECHNOLOGY INNOVATION TO GROW REVENUE & REPUTATION IN THE INDUSTRY

# Gain Industry Acceptance

COMPLETE INDUSTRY
EVALUATION WITH MULTIPLE
PARTNERS IN THE
VALUE CHAIN (E.G.
EQUIPMENT & DEVICE

# Drive Commercialisation

BLUGLASS IS
EVALUATING A NUMBER
OF COMMERCIALISATION
OPTIONS FOR PRCVD (INC.
JV, STRATEGIC PARTNER,
LICENSING, &
FOUNDRY)

# HIGHLIGHTS FROM 2015



This year there were a number of key achievements that have brought the Company closer to delivering its commercialisation outcomes, including:

# 10 FOLD IMPROVEMENT IN LIGHT OUTPUT USING RPCVD P-GAN

July 2014. The Company successfully demonstrated p-GaN light output using RPCVD on an MOCVD partial LED structure with more than a 10 fold improvement in LED efficiency over the first p-GaN demonstration by the Company in December 2012



### SCALED-UP RPCVD SYSTEM, THE BLG-300, COMES ONLINE

August 2014. the Company announced that it had successfully retrofitted and commissioned an ex-production 19x2 inch system (Thomas Swan) that is now referred to as BLG-300. This is the most advanced RPCVD system to date.



### RECEIVED FIRST ORDER FOR TRIAL RPCVD WAFERS

November 2014. BluGlass received its first order for a trial of RPCVD. The RPCVD customer is developing a unique GaN on silicon application for power electronics where a lower temperature process has the potential to be highly advantageous.



### APPOINTED AN INTERNATIONAL CUSTOM EPITAXY (FOUNDRY) AGENT

November 2014. BluGlass appointed an US based expert custom epitaxy (foundry) agent, xVI Technologies, to expand the company's MOCVD custom epitaxy business service.



# PRESENTED THE RPCVD TECHNOLOGY AT CS INTERNATIONAL CONFERENCE, GERMANY AND LEDS CHINA CONFERENCE, SHANGHAI

March 2015. BluGlass showcased the RPCVD technology at two international semiconductor conferences, presenting the improved RPCVD performance data at both CS International Conference in Germany and Semicon China's LEDs Conference in Beijing.



# **EVALUATION AGREEMENT WITH INDUSTRY LEADER; VEECO INSTRUMENTS**

April 2015. BluGlass entered into an agreement with Veeco Instruments Inc (NASDAQ: VECO) to evaluate low temperature RPCVD p-GaN for use in both green LEDs and GaN on silicon for power electronic applications.



# **IMPROVED DEVICE PERFORMANCE RESULTS IN GREEN LED TRIALS**

May 2015. BluGlass succeeded in its initial experimentation of applying low temperature RPCVD p-GaN to Green LED applications. Early results show that the green LEDs produced using RPCVD p-GaN are demonstrating greater efficiency than the first BluGlass grown attempts of MOCVD green LEDs using the exact same MOCVD grown MQWs.

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# CHAIRMAN & MANAGING DIRECTOR'S LETTER TO SHAREHOLDERS

The BluGlass Board and Management are pleased to present to you our 2015 Annual Report.

This year there were a number of key achievements that have brought the Company closer to delivering its commercialisation outcomes, including:

- An evaluation agreement with one of the industry-leading equipment manufacturers, Veeco Instruments.
- 10 fold improvement in light output using RPCVD p-GaN.
- A scaled-up RPCVD system was commissioned the BLG-300, the most advanced RPCVD system to date.
- Received the first order for trial RPCVD wafers.
- Appointed an international custom epitaxy (foundry) agent.
- Presented the RPCVD technology at CS International Conference in Germany and LEDs China Conference, Shanghai.
- 🔆 In preliminary testing, produced brighter green LEDs using low temperature RPCVD when compared to MOCVD.

2015 has brought BluGlass a lot closer to achieving its commercial goals. During the year some major advancements with the RPCVD technology resulted in the Company moving into its 'industry acceptance' phase.

Some of the most significant achievements during the year included overcoming the interface challenge that had been hindering the progression of the RPCVD performance demonstration. This was a major technology breakthrough for the Company, and proved that hybrid RPCVD and MOCVD growth can be successfully implemented in a single LED.

This breakthrough immediately led to a 10 fold improvement in the RPCVD LED light output, when compared to our previously published performance data, and this has subsequently been improved on many times since.

BluGlass also delivered its goal of successfully commissioning the BLG-300, the scaled up RPCVD platform capable of larger area deposition (up to 19x2 inch wafers, or up to one 8 inch wafer). The BLG-300 is the most advanced RPCVD platform built to date. This system has greatly advanced the BluGlass technology development, but importantly will also be used to demonstrate to the industry that the RPCVD platform can be brought to commercial scale, both in terms of deposition area and successful growth on larger sized wafers.

BluGlass published improved performance data in February that demonstrated that it was approaching commercial industry performance benchmarks. This new data enabled BluGlass to

showcase the technology at two international semiconductor conferences and recommence industry engagement.

As a result of the advances in the RPCVD technology, BluGlass was able to enter into an industry evaluation agreement with one of the global leaders in the semiconductor equipment industry, Veeco Instruments (Nasdaq: VECO). Veeco are evaluating the RPCVD low temperature p-GaN for green LEDs and power electronics, two important applications where a low temperature process is thought to be highly advantageous to enabling market growth.

This evaluation has been progressing well, with significant collaboration between the two companies. Following the successful first phase of two inch wafer testing, the evaluation will now move to the second phase, which will look at RPCVD growth on larger size wafers.

In another exciting development during the period BluGlass recently announced that it had demonstrated brighter green LEDs using RPCVD p-GaN when compared to MOCVD grown p-GaN in a side by side comparison of the two technologies. This was achieved in early green LED trials, and BluGlass is continuing to develop its green LED performance as part of the Veeco evaluation.

# 17 SEPT 2015 - GREEN LED RESULTS

RPCVD EL Data (Wafer Test)	at 20mA	at 50mA
Light Output (mW)	1.5	3.5
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### 18 MAY 2015 - GREEN LED RESULTS

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Following this preliminary demonstration, BluGlass shipped its first RPCVD trial order of green LEDs for an existing foundry customer.

We are also pleased to welcome SPT Technologies, a wholly owned subsidiary of Sumitomo Precision Products, to our share register. SPT are very active in the Japanese compound semiconductor industry, delivering advanced equipment and process technologies such as plasma etch, PECVD and sacrificial layer etch, and it is the leader in Japan for MEMS and other market segments. This strong technology synergy makes SPT a useful ally for BluGlass as we progress towards commercialisation. We look forward to strengthening this relationship further over the coming months.

The BluGlass intellectual property is a critical element to our future success as we evaluate the best commercialisation path for the technology. BluGlass' patent portfolio continues to grow and currently stands at 39 internationally granted patents and 20 patent applications in seven patent families (up from 29 granted patents at the end of June 2014). BluGlass continues to focus on key semiconductor jurisdictions where the technology will be commercialised including Japan, Korea, China, US and Europe.

BluGlass recently received \$2.1M from the 2015 Research and Development tax rebate. This followed on the back of a successful share purchase plan and placement which raised a combined \$2.4M for the Company to continue to execute on its industry evaluation and commercialisation goals.

The BluGlass foundry business has continued to develop with repeat orders and a healthy pipeline of new customers. BluGlass now has multiple foundry customers some of whom have begun to trial RPCVD. BluGlass completes foundry and custom epitaxy services for a variety of applications including green and blue LEDs, power electronics, and laser diodes.

One of our key specialised epitaxy customers has committed to an order for ~\$300,000 of foundry development to be delivered over the next six months. BluGlass will be supplying the green and blue LED wafers for this customer's unique LED application. This order from a single customer is the largest foundry order that we have received to date and is part of our strategy of growing the revenue generating service part of our business over the coming months. This large repeat order is a testament to our team's ability to deliver custom epitaxy at an industry competitive standard.

Another of our customers recently announced a commercialisation deal for their unique technology based on the assistance of BluGlass' MOCVD foundry efforts.

The foundry business is exposing BluGlass to new and emerging opto-electronic applications spanning both LED and power electronic applications that could benefit from a low temperature RPCVD technology, and we are currently evaluating the opportunity for green and blue laser diode applications incorporating RPCVD.

BluGlass is now focused on completing the evaluation and moving into a commercial agreement.

We are also working towards conducting additional industry evaluations in other parts of the value chain including with device manufacturers, including LED and power electronics manufacturers for applications where a low temperature process could offer high market growth.

From a successful evaluation of the RPCVD technology we would like to see BluGlass entering into a partnership (licensing / joint venture / joint development) with one or more industry players to take the RPCVD technology to market. BluGlass is continuing discussions with a number of potential strategic partners to this end.

All of these advancements provide a solid foundation for the Company as it pursues commercialisation of our breakthrough RPCVD platform technology. All in all, the Company is now on the brink of commercialisation and the full focus of the Board and Management over the coming months will be to deliver our shareholders a positive commercial outcome.

# DIRECTORS' REPORT

Your directors present their report on BluGlass Limited and its controlled entities ("the Group") for the financial year ended 30 June 2015.

### **DIRECTORS**

The names of directors in office at any time during or since the end of the year are:

Mr George Venardos Mr Gregory Cornelsen

Mr Chandra Kantamneni

Dr William Johnson

Mr Giles Bourne (from 1 September 2014)

Directors have been in office since the start of the financial year to the date of this report unless otherwise stated.

### PRINCIPAL ACTIVITIES

The principal activity of the consolidated entity or "the Group" during the financial year was to further the research and development of Group III nitrides for the development of new processes and equipment to manufacture high efficiency devices such as LEDs and solar cells. The Group is working on achieving its technology milestones using its patented low temperature Remote Plasma Chemical Vapour Deposition (RPCVD) technology to manufacture semiconductor materials. RPCVD has many potential advantages over the current industry technologies.

There were no significant changes in the nature of the Group's principal activities during the financial year.

# **REVIEW OF OPERATIONS**

The 2015 Financial Year has seen BluGlass achieve some important technical and commercial progress with the demonstration of RPCVD performance data that has directly led to industry interest from a leading equipment company, along with RPCVD foundry revenue. The RPCVD technology continues to make breakthroughs which are expected to enable further engagement with the industry over the coming year.

The Board has also previously communicated that the Company is currently at an early stage of discussions with

respect to a number of potential strategic transactions. Should any of these discussions lead to terms being agreed, the Board will advise shareholders of the proposed terms at that time.

# In Summary the key achievements during the period were:

- In July 2014, the Company successfully demonstrated p-GaN light output using RPCVD on an MOCVD partial LED structure with more than a 10 fold improvement in LED efficiency over the first p-GaN demonstration by the Company in December 2012. This initial major performance increase was achieved by improving the interface between multi-quantum wells (MQWs), the critical light emitting region of an LED device, and the overgrown p-GaN.
- In August 2014, the Company announced that it had successfully retrofitted and commissioned an exproduction 19x2 inch system (Thomas Swan) that is now referred to as BLG-300. The system will enable evaluation of the RPCVD process on a larger scale and will help to demonstrate GaN growth on silicon wafers where the current industry standard, MOCVD, has production constraints. The Company has now also demonstrated that the RPCVD technology can be applied to both of the two major MOCVD equipment platforms.



In October 2014, BluGlass was ranked in the Global Top 30 Cleantech Companies in the Global Cleantech Cluster Association (GCCA) Later Stage Awards.

The prestigious Top 30 is selected from hundreds of global entrants and consists of mid-to-late stage companies that originate from a variety of cleantech industries and have a proven track record in their home market, with the goal to expand internationally.

In November 2014, BluGlass received its first order for a trial of RPCVD. The RPCVD customer is developing a unique GaN on silicon application for power electronics where a lower temperature process has the potential to

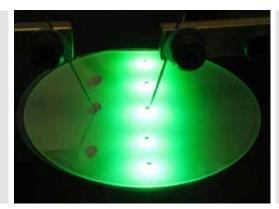
- be highly advantageous. BluGlass will also continue to provide MOCVD foundry work for this customer.
- Also in November 2014, BluGlass appointed an expert custom epitaxy (foundry) agent, xVI Technologies, for its MOCVD custom epitaxy service. xVI Technologies is a U.S. based full service provider of optoelectronic and semiconductor integrated solutions.
- In February 2015, the Company provided the industry with data showing RPCVD p-GaN grown on MOCVD partial LED structures was approaching the performance benchmark of full MOCVD LEDs grown in-house by BluGlass. The Company has also shown that its BLG-300 system can achieve performance for p-GaN equal to its earlier prototype, the BLG-180.
- In March 2015, BluGlass was one of a number of sponsors of the Compound Semiconductor International Conference, in Frankfurt Germany. BluGlass held a trade stand marketing the RPCVD platform, latest performance data and promoting the custom epitaxy foundry business in association with our international epitaxy agent, xVI Technologies.
- Also in March 2015, BluGlass presented at Semicon China's LEDs Conference highlighting the benefits of Remote Plasma Chemical Vapour Deposition and low temperature growth for the manufacture of LEDs.



In April 2015, BluGlass entered into an agreement with Veeco Instruments Inc (NASDAQ: VECO) to evaluate low temperature RPCVD p-GaN for use in both green LEDs and GaN on silicon for power electronic applications.

The approach uses RPCVD technology to complement Veeco's MOCVD technology as RPCVD p-GaN is grown on top of the MOCVD grown partial LED and HEMT (power electronic) structures.

- Veeco will be looking to see how well the low temperature p-GaN can improve the performance of green LEDs. Additionally they wish to assess the suitability of RPCVD technology for power electronic devices.
- In May 2015, BluGlass conducted a Share Purchase Plan for existing shareholders. The SPP successfully raised \$1.96M for the Company to continue its operations and execute on the commercialisation strategy.
- Also in May 2015, the Company demonstrated that it had succeeded in its initial experimentation of applying low temperature RPCVD p-GaN to Green LED applications. These results show that the green LEDs produced using RPCVD p-GaN are demonstrating greater efficiency than the first BluGlass grown attempts of MOCVD green LEDs using the exact same MOCVD grown MQWs.



BluGlass gives the green light: Light emission from RPCVD p-Gan layers grown on MOCVD MQWs.

- In June 2015, BluGlass shipped its first RPCVD foundry customer order for green LEDs after having demonstrated the potential to improve device performance of green LEDs. This trial will result in additional foundry revenue.
- In July 2015, SPP Technologies Co. Ltd. ("SPT"), a subsidary of Sumitomo Precision Products Co. Ltd of Japan (TSE: 6355), informed BluGlass that it had acquired from SPTS Technologies UK Limited ("SPTS") various assets including SPTS' 17.94% stake in BluGlass. SPTS acquired its shares in BluGlass in a strategic investment in August 2010, and at that time it was also a fully owned subsidiary of Sumitomo Precision Products.
- As a result of further progress with the RPCVD technology the Company, as at the date of this report, now holds 39 granted patents and 20 applications in 7 patent families compared to the 29 patents held at the end of June 2014.

# APPLICATIONS AND MARKETS UPDATE

BluGlass' strategy is to supply advanced GaN deposition technology by initially focussing on the demonstration of the RPCVD advantages for various applications (driven by market needs) and subsequently engaging with the device and semiconductor equipment manufacturers for LEDs (covering high brightness, UV, green and yellow LEDs), solar and power electronics.

The top three MOCVD makers in the world, which account for 97% of the market share in 2013, are Veeco (USA), Aixtron (Germany), and Taiyo Nippon Sanso (Japan). While Taiyo's market share (5-6%) is far less than that of the other two, it possesses 70-80% of the market in Japan, making it the largest MOCVD equipment maker in Japan.

According to Big Market Research's new report, *LED Lighting Shares Strategies and Forecasts Worldwide 2015-2020 Market;* the LED market is continuing to meet growth expectations with LED lighting sales soon expected to outpace and eventually completely eliminate incandescent bulbs in North America. The LED lighting market is anticipated to grow 45% per year through 2020. LED lights at \$13.6 billion in 2014, are anticipated to reach \$63.1 billion by 2020.

Big Market Research also predicts market shifts provide entry points for new competitors. They create significant opportunities for participants to achieve rapid increase in market share. Shifts in market share are anticipated as vendors move up the value chain to increase returns on investment.

### **REVIEW OF OPERATIONS (CONT.)**

The Power Electronics market also presents a growing opportunity for the RPCVD technology. According to Yole Developpement, in their Power GaN Report (June 2014), the GaN power industry is consolidating in preparation for significant growth, with an estimated 80% CAGR from 2016 through to 2020. Overall, 2020 could see an estimated device market size of almost \$600M, leading to approximately 580,000 x 6" wafers to be processed. Yole also predict that ramp-up will be quite impressive starting in 2016.

All of this means that the market opportunity for RPCVD continues to expand in multiple segments whereby the advantages of the low temperature deposition technology could play a significant role. Also new and significant makets continue to emerge such as GaN for power electronics along with alternative LED markets for applications such as UV LED, green and yellow LEDs.

The immediate goal for the Company is to continue to improve on recent technology results and steer the Company towards industry acceptance. The objective is to fulfil the longer term goals, namely commercialising the technology via RPCVD foundry applications, licencing, partnership (JV/JDA) or by retrofitting existing MOCVD systems. BluGlass will continue to review all options for the commercialisation of its RPCVD technology.

### **FINANCIAL SUMMARY**

The consolidated loss for the period increased to \$3,183,256 (2014: \$2,898,435).

The net assets of the consolidated entity decreased by \$847,270 to \$13,952,385 (2014: \$14,799,655) due to the level of research and development expenditure incurred during the period.

Revenue has decreased by \$579,815 down 14.0% to \$3,532,959. Material variations in revenue received are as follows:

- Accrual of 2014/15 R&D tax rebate of \$2,000,000 as compared to the receipt and accrual of rebates in FY 2014 of \$2,200,000.
- Receipt of \$1,235,954 from the Clean Technology Innovation Grant which commenced on the 1st of July 2014. Grant receipts in 2014 from the Commonwealth Climate Ready Grant Programme were \$1,430,954.
- Receipt of revenue for the provision of foundry services to third parties of \$276,825 was received this year compared to \$334,418 in the 2014 financial year.

Gross expenditure has decreased by \$304,307, down 4.3% to \$6,706,872 due to the following factors:

- Decrease in research and development consumables due to the consumption of consumables build-up from the previous financial year.
- Salaries and wages decreased by \$95,590 down 3.8% (2014: \$2,484,263) due to no performance-based payments being made during the financial year.

Net cash required for operational expenses, and capital expenditure averaged \$143,993 per month, (2014: \$262,053).

The decrease is mainly due to the limited capital expenditure on research equipment.

The Statement of Financial Position does not include a value for the increasing number of patent applications and patents granted during the period. Since listing on the ASX in 2006 all research and development costs are expensed as incurred, and not capitalised; accounting standards require that the originally acquired Intangible Assets, being the Intellectual Property associated with Patents 1 & 2 acquired from Macquarie University in 2006, be tested annually to ensure no impairment to the carrying value has occurred. The current value of \$8.695m has been reviewed by independent valuers and the directors have accepted their assessment that no impairment to the carrying value is warranted. This valuation is supported by the cornerstone nature of Patents 1 & 2 that were acquired from Macquarie University. Management's and the Board's view is that these patents are still fundamental enablers to the company's RPCVD technology.

### SIGNIFICANT CHANGES IN STATE OF AFFAIRS

Other than the developments reported elsewhere in this report, there were no significant changes in the state of affairs during the year.

### **DIVIDENDS PAID OR RECOMMENDED**

No dividends were declared in 2015 or 2014.

# MATTERS SUBSEQUENT TO THE END OF THE FINANCIAL YEAR

There were no reportable financial matters subsequent to the end of the Financial Year.

# FUTURE DEVELOPMENTS, PROSPECTS AND BUSINESS STRATEGIES

BluGlass will position itself to take advantage of the growing LED, power electronics and PV markets in order to maximise shareholder return.

BluGlass will continue to advance and validate the RPCVD technology as the Company works towards its industry acceptance goals in order to take the RPCVD technology to market.

These developments, together with the current strategy of continuous improvement and innovation are expected to assist in the acheivement of the Group's long-term goals and development of its business opportunities.

### **ENVIRONMENTAL AND SAFETY ISSUES**

The BluGlass RPCVD technology uses some materials classified under the Dangerous Goods Act. All materials and consumables are handled in strict compliance with relevant regulatory environmental, health and safety codes, as do all facility emmisions.

The company has in place strict OHS&E procedures and a Safety Manager who reports weekly to the Managing Director on all safety and environmental related matters. BluGlass meets and exceeds all state and federal OHS&E statutory requirements.

There were no reportable safety or environmental incidents during the course of the financial year.

BluGlass will position itself to take advantage of the growing LED, power electronics and PV markets in order to maximise shareholder return.

# INFORMATION ON DIRECTORS



MR. GEORGE VENARDOS Non-Executive Chairman BCom, FCA, FTI, FAICD, FCSA

# **Current Listed ASX Directorships:**

- Non-Executive Director Ardent Leisure Group
- Non-Executive Director IOOF Holdings Limited

# Former ASX Directorships (in the last 3 years):

• Non-Executive Director – Miclyn Express Offshore Limited

### Special Responsibilities:

Risk and Audit Committee member, Remuneration and Nominations Committee member

# **Experience and Expertise:**

George is a non-executive director with broad listed company experience across a range of different industries. He has more than 30 years experience in the Insurance and Financial Services sector and was formally Group Chief Financial Officer of Insurance Australia Group Limited; Chief Financial Officer, Legal and General Australia; and Chairman of the Insurance Council of Australia Finance and Accounting Committee.

George is a non-executive director with broad listed company experience across a range of different industries.

### Time on Board:

5.5 Years



MR. GILES BOURNE Managing Director and CEO B.A. (Hons), MBA, FAICD

# Special Responsibilities:

BluGlass Chief Executive Officer

# **Experience and Expertise:**

Giles is a senior executive with over 20 years of international business development experience gained in the clean-tech, technology and manufacturing sectors. He is a specialist in developing offshore business opportunities, securing inward expansion investment, setting up domestic and international partnerships, JV's and licensing deals for Australian corporations.

Giles' focus at BluGlass is to provide leadership as well as developing sales and marketing structures to support the commercialisation of BluGlass' LED and solar technology.

Giles' focus at BluGlass is to provide leadership as well as developing sales and marketing structures to support the commercialisation of BluGlass' LED and solar technology. During his time at BluGlass, Giles has lead the team to secure a strategic partnership with global semiconductor equipment company SPTS Technologies, secured more than \$25M in Government and Private Investment and supported the technology team to its proof of concept milestone.

# Time on Board:

1 Year



DR. WILLIAM JOHNSON Non-Executive Director BS-Phy, MS-EE, PhD

Former Directorships (in the last 3 years):

President and CEO SPTS Pty Ltd

### Special Responsibilities:

Remuneration and Nominations Committee member

# **Experience and Expertise:**

William Johnson ("Bill"), is a seasoned CEO with extensive business development/M&A, technological leadership, and successful hands-on leadership roles in operations ranging from high technology start-ups to Fortune 500 high technology companies. He is the former President and Chief Executive Officer of SPP Process Technology Systems (SPTS), a manufacturer of capital equipment for the semiconductor and related industries.

Bill was instrumental in leading the all equity based management buy-out of SPTS...

Bill has held technical, marketing, and executive management positions with Ford Motor Co. Scientific Research Laboratories (1973-1978), Perkin-Elmer Corp. (1978-1986), Ulvac Corp. (1987-1991), Varian Associates (1992-1994), Intevac Inc. (1994-1996), Oryx Instruments and Materials Corp. (1996-1999). From 2003-2006, he was founder and managing director of Crane Ridge Associates, a firm providing consulting and M&A guidance to select high tech clientele; his association with Sumitomo Precision Products began in 2007, and he was the architect for the formation of SPTS through the acquisition of assets of Aviza Technology.

Bill was instrumental in leading the all equity based management buy-out of SPTS in mid 2011 which saw Bridgepoint, a leading European Private Equity company become a major owner in the company, and again with the sale of SPTS to Orobtech Limited in 2014.

### Time on Board:

5.5 Years



MR. CHANDRA KANTAMNENI Non-Executive Director MSc, MS, MBA

Former Directorships (in the last 3 years):

None

# Special Responsibilities:

Risk and Audit Committee member

# **Experience and Expertise:**

Chandra Kantamneni has more than 30 years experience in the global semiconductor industry and until recently the Technical Director for the University of California Los Angeles (UCLA)'s California Nano Systems Institutes where he managed a state of the art semiconductor and cleanroom fabrication facility. Formerly he was the Vice President of Worldwide Fab Operations of US-based Peregrine Semiconductor Corporation where he managed the world wide Foundry Operations for the Corporation. Prior to that he was the Vice-President and Managing Director of Peregrine Semiconductor, Australia.

Chandra has worked in senior management and engineering positions for some of the world's largest US-based semiconductor companies, including director of worldwide foundry operations and engineering manager for International Rectifier Corporation, director of engineering for GMT Microelectronics, and Manufacturing Manager of the Fairchild Research Centre of National Semiconductor Corporation.

Chandra has worked in senior management and engineering positions for some of the world's largest US-based semiconductor companies...

# Time on Board:

9.5 Years

# INFORMATION ON DIRECTORS



MR. GREG CORNELSEN Non-Executive Director

# **Current Directorships:**

MOV Corporation Limited

# Former Directorships (in the last 3 years):

- Welcome Stranger Mining Limited
- Arasor International Limited
- EHG Corporation Limited
- AAT Corporation Ltd

### Special Responsibilities:

Remuneration and Nominations Committee Chairman, Risk and Audit Committee Chairman

# **Experience and Expertise:**

Greg Cornelsen is an economics and business development specialist and a successful businessman having held leadership positions in both large Australian based multinationals and start-up operations. A former international rugby union player, with 25 caps for the Australian Wallabies, he is a committee member of the Australian Barbarian Rugby Club and the Chairman of the Australian Schools Rugby Foundation. His rugby and business backgrounds have allowed him to develop an extensive network within the Australian business community.

Greg is a long-time passionate supporter of sustainable practises and clean technologies having grown up on a family station that employed revolutionary broad acre sustainable practises. Greg has always understood the importance of the BluGlass technology for both the LED and solar industries. He is instrumental in steering the Board's sub committees.

Greg is a long-time passionate supporter of sustainable practises...

# Time on Board:

9.5 Years

# **COMPANY SECRETARY**

The following person held the position of company secretary at the end of the financial year:

### Mr. Emmanuel Correia

Mr. Emmanuel Correia is a Chartered Accountant and has extensive experience in the corporate finance and equity capital markets. Emmanuel has had over 20 years public accounting and corporate finance experience both in Australia, North America and the United Kingdom. He has held various senior positions with Big 4 accounting firms and boutique corporate finance houses.

Emmanuel provides corporate advice to a diverse client base both in Australia and in overseas markets. Emmanuel has previously held a number of public company directorships and his key areas of expertise include Initial Public Offerings and secondary capital raisings, corporate strategy and structuring merger and acquisitions.

Emmanuel has had over 20 years public accounting and corporate finance experience both in Australia, North America and the United Kingdom.









BluGlass' strategy is to supply advanced
GaN deposition technology by initially
focussing on the demonstration of the
RPCVD advantages for various applications
(driven by market needs) and subsequently
engaging with the device and semiconductor
equipment manufacturers for LEDs
(covering high brightness, UV, green and
yellow LEDs), solar and power electronics.

# REMUNERATION REPORT 2014-2015

# **INTRODUCTION**

The Directors of BluGlass Limited present the Remuneration Report for the Company and its controlled entities for the year ended 30 June 2015. This Remuneration Report forms part of the Directors Report and is subject to audit by the external auditor in accordance with the Corporations Act 2001.

The Report details the nature and amount of remuneration for the company's non-executive directors and the executive team who by definition are the company's **Key Management Personnel**. The Key Management Personnel are the key people accountable for directing the affairs of the company and its controlled entities.

The people who currently hold these Key Management Personnel positions are listed in the table below:

NON-EXECUTIVE DIRECTORS	'	EXECUTIVES	
George Venardos	Chairman	Giles Bourne	Managing Director and CEO
Gregory Cornelsen	Director	lan Mann	Chief Technology Officer
Chandra Kantamneni	Director	Stuart Uhlhorn	Chief Financial Officer
William Johnson	Director		

During the period the Remuneration and Nominations Committee comprised 3 independent directors - Greg Cornelsen (Committee Chairman), William Johnson and George Venardos. The Committee met once during the year.

# **REMUNERATION STRATEGY**

The remuneration policy of BluGlass Limited has been designed to align shareholder objectives with the strategic business objectives of BluGlass. This is achieved by providing;

- a modest market related fixed remuneration component,
- a small component of short term incentives, and
- Iong-term incentives based on key performance areas affecting the consolidated entity's ability to commercialise its technology milestones when achieved.

The remuneration policy, setting the terms and conditions for the directors and executives was developed by the remuneration committee and approved by the Board after seeking professional advice from independent external consultants.

The Board of BluGlass Limited aims for the Remuneration Strategy to attract and retain the appropriate executives and directors to run and manage the consolidated entity recognising that as a pre-revenue research and development company it has limited ability to pay competitive base cash salaries and short term cash incentives. The ability to attract the best staff is achieved via ensuring all staff as well as executives and directors have access to a meaningful and rewarding long term incentive scheme currently in the form of an employee option scheme in association with an employee share trust that creates goal congruence between directors, executives and shareholders.

# **NON-EXECUTIVE DIRECTORS' REMUNERATION**

The Board policy is to remunerate non-executive directors at market rates for comparable companies for time, commitment and responsibilities. The remuneration and nominations committee determines payments to the non-executive directors and reviews their remuneration annually, based on market practice, duties and accountability. Independent external advice is sought when required.

The maximum aggregate amount of fees that can be paid to non-executive directors is subject to approval by shareholders at the Annual General Meeting. Fees for non-executive directors are not linked to the performance of the consolidated entity. However, to align directors' interests with shareholder interests, the directors are encouraged to hold shares in the company and are able to participate in the employee option plan.

The current remuneration of non-executive directors is:

Position	Remuneration \$
Chairman	70,000
Director	40,000
Committee Chairperson	5,000
Committee member	2,500

A non-executive director's remuneration thus comprises the base board fee, any applicable committee chairman fee and the 9.5% superannuation levy contribution.

		SHORT TERM	POST EMPLOYMENT	LONG TERM INCENTIVES	TOTAL	TOTAL REMUNERATION	
		Board and Committee fees \$	Superannuation \$	Share Based Payments \$	Total \$	% of remuneration that is non-cash	
Non-Executive Directors							
Coorgo Vanordos	2015	70,000	6,650	-	76,650	-	
George Venardos	2014	70,000	6,463	69,750	146,213	47.7	
Gregory	2015	50,000	4,750	-	54,750	-	
Cornelsen	2014	50,000	4,617	40,050	94,667	42.3	
Chandra	2015	42,500	4,038	-	46,538	-	
Kantamneni	2014	42,500	3,931	40,050	86,481	46.3	
William Johnson	2015	42,500	-	-	42,500	·	
William Johnson	2014	42,144	-	-	42,144	-	
Total	2015	205,000	15,438	-	220,438		
Total	2014	204,644	15,011	149,850	369,505		

The value of options in the above table reflects the full market price of the underlying BluGlass share price at the date of issue and may not reflect the current market value of the options granted. Additionally, no discount for uncertainty has been assigned to these option valuations, which do carry the risk of not meeting vesting hurdles.

Dr. Johnson's fees, in his capacity as a director, were paid directly to SPTS until the end of February 2014 and since March 2014 they have been paid directly to him.

# LOWER Temperature

### **EXECUTIVE REMUNERATION**

The Board's policy for determining the nature and amount of remuneration for executives of the consolidated entity is as follows:

All key management personnel receive a base salary (which is based on factors such as length of service and experience), superannuation, access to a limited short term cash incentive scheme and to the longer term incentive scheme via options.

Short term incentives are only paid once predetermined annual key performance indicators have been met and are capped at 20% of base salary. No bonuses were paid during the year.

Longer term incentives may be paid in the form of options or rights and are intended to align the interests of the key management personnel and company with those of shareholders. In this regard, key management personnel are prohibited from limiting risk attached to those instruments by use of derivatives or other means.

The remuneration and nominations committee reviews executive packages annually by reference to the consolidated entity's performance, executive performance and comparable information from similar industry sectors. Executive have had no increase in their fixed salary packages for the past 2 years.

The performance of executives is measured against criteria agreed annually with each executive and is based

predominantly on the achievement of specific BluGlass technology and commercial milestones being achieved and the efficient conduct of the Company's operations. All bonuses and incentives must be linked to these predetermined performance criteria or milestones. The Board may, however, exercise its discretion in relation to approving incentives, bonuses and options, and can recommend changes to the committee's recommendations. Any changes must be justified by reference to measurable performance criteria. The policy is designed to reward executives for performance that will result in long-term growth in shareholder wealth.

Executives are also entitled to participate in the employee share and option arrangements under the employee incentive scheme.

Executives receive a superannuation guarantee contribution required by the government, which is currently 9.5%, and do not receive any other retirement benefits. Some individuals, however, have chosen to sacrifice part of their salary to increase payments towards superannuation.

All remuneration paid to executives is valued at the cost to the company and expensed. Shares given to executives are valued as the difference between the market price of those shares and the amount paid by the executive. Options issued during the year are valued at the closing share price at grant date less the exercise price where appropriate.

# **EXECUTIVES TOTAL REMUNERATION**

		SHORT-TERM		POST LONG TERM SHORT-TERM EMPLOY- INCENT- MENT IVES		TOTAL % OF REMUNE- REMUNERATION RATION THAT IS		RATION
		Cash Salary \$	KPI Related Incentive \$	Superann- uation \$	Share Based Payments \$	Total \$	Performance based	Non cash
Executives								
Giles	2015	305,774	-	24,226	-	330,000	-	-
Bourne	2014	306,358	52,800	23,642	99,000	481,800	11.0	20.5
lan Mann	2015	219,178	-	20,822	-	240,000	-	-
lan Mann	2014	219,680	38,400	20,320	72,000	350,400	11.0	20.5
Stuart	2015	195,001	-	33,592	-	228,593	-	-
Uhlhorn	2014	215,260	38,400	24,740	72,000	350,400	11.0	20.8
Total	2015	719,953	-	78,640	-	798,593		
Total	2014	741,298	129,600	68,702	243,000	1,182,600		

The value of options in the above table reflects the full market price of the underlying BluGlass share price at the date of issue and may not reflect the current market value of the options granted. Additionally no discount for uncertainty has been assigned to these option valuations, which do carry the risk of not meeting vesting hurdles.

### CONTRACTED EXECUTIVE REMUNERATION

The company secretary, Emanuel Correia, is contracted to BluGlass from Cardrona Energy Pty Ltd. The contract includes provisions that the contract may be terminated by either party with one months' notice. Payments for services to Cardrona were \$79,200 in 2015 and 2014. As a contracted position the company secretary is not eligible to participate in short term incentive scheme and does not form part of the BluGlass' executive team.

### **EMPLOYMENT CONTRACTS OF EXECUTIVES**

The employment terms and conditions of the CEO and other executives are formalised in contracts of employment. All executives are permanent employees of BluGlass Limited.

Terms of employment require that the relevant group entity provide an executive contracted person with a minimum of one months' notice prior to termination of contract. The CEO's contract is subject to 3 months' notice. Termination payments are determined by the remuneration and the nominations committee if a termination payment is deemed appropriate. A contracted person deemed employed on a permanent basis may terminate their employment by providing at least one months' notice. Termination payments are not payable on resignation or under the circumstances of unsatisfactory performance.

# PERFORMANCE BASED REMUNERATION

As part of the executive remuneration package there is a performance-based component, consisting of key performance

indicators (KPIs). The intention of this program is to facilitate goal congruence between directors/executives with that of the business and shareholders. The KPIs are set annually, with a certain level of consultation with executives to ensure buyin. The measures are specifically tailored to the areas each executive is involved in and has a level of control over. The KPIs target areas the Board believes hold greater potential for group expansion and profit, and cover financial and non-financial as well as short and long term goals. The level set for each KPI is based on budgeted figures for the group and respective industry standards.

Performance in relation to the KPIs is assessed annually, with bonuses being awarded depending on the number and deemed difficulty of the KPIs achieved and the period of employment for the period. Following the assessment, the KPIs are reviewed by the remuneration committee in light of the desired and actual outcomes, and their efficiency is assessed in relation to the group's goals and shareholder wealth, before the KPIs are set for the following year. Even though the majority of executives KPIs for the year ending June 2014 where met, no performance payment's where made during the year in the normal July to August 2014 period due to the board's and management's desire to preserve the company's cash resources.

The IP portfolio at the end of 30 June 2015 now includes 34 granted patents in various countries, covering seven separate patent families. In addition there are 19 patent applications in various stages filed in numerous countries. During July 2015 a further 5 patents were granted with one additional patent lodgement, giving a total 39 granted patents and 20 lodged applications at the date of this report. The following table shows the gross revenue and losses over the last 5 years as well as the number of patents lodged and granted.

	2011	2012	2013	2014	2015
Revenue \$'000	2,085.1	2,427.8	4,725.9	4,112.7	3,532.9
Net Loss \$'000	4,170.6	3,237.3	1,676.7	2,898.4	3,183.3
Share Price at year-end dollars	0.115	0.086	0.15	12.5	5.8
Patents Lodged	1	1	2	2	3
Patents Granted	2	2	2	14	5

BluGlass' potential value exists in it being able to finalise its research and development programmes and to then commercialise its IP portfolio into the rapidly growing markets for LED, GaN on silicon and high efficiency solar cells manufacturing equipment.

# OPTIONS ISSUED AS PART OF REMUNERATION FOR THE YEAR ENDED 30 JUNE 2015

No options or share based payments were granted to staff or directors as remuneration during the year.

# **MOVEMENT IN SHAREHOLDINGS OF KMP AS AT 30 JUNE 2015**

	Total	Direct	BLG ESS	Moveme	ent	Total	Direct	BLG ESS
Non-Executive Directors	Opening Balance			On	Off	Closing Balance		
George Venardos	1,540,118	1,353,451	186,667	240,000	-	1,780,118	1,593,451	186,667
Greg Cornelsen	1,307,941	1,027,941	280,000	240,000	-	1,547,941	1,267,941	280,000
Chandra Kantamneni	472,647	192,647	280,000	240,000	-	712,647	432,647	280,000
William Johnson	430,000	150,000	280,000	240,000	-	670,000	390,000	280,000
Executives								
Giles Bourne	1,184,566	94,233	1,090,333	240,000	-	1,424,566	334,233	1,090,333
lan Mann	711,276	117,943	593,333	240,000	-	951,276	357,943	593,333
Stuart Uhlhorn	837,283	68,950	768,333	240,000	-	1,077,283	308,950	768,333

BLG ESS means vested options that have not yet been withdrawn from Employee Share Scheme Trust by the beneficiary.

# **OPTIONS HELD BY KMP AS AT 30 JUNE 2015**

	Movement								
Non-Executive Directors	Opening Balance	Vested in O/B	Vested in period	Total Vested	Lapsed in period	Closing Balance	Unvested %		
George Venardos	651,667	186,667	-	186,667	-	651,667	71.4%		
Greg Cornelsen	547,000	280,000	-	280,000	-	547,000	48.8%		
Chandra Kantamneni	547,000	280,000	-	280,000	-	547,000	48.8%		
William Johnson	280,000	280,000	-	280,000	-	280,000	0.0%		
Executives									
Giles Bourne	2,064,333	1,090,333	-	1,090,333	-	2,064,333	47.2%		
lan Mann	1,380,000	593,333	-	593,333	-	1,380,000	57.0%		
Stuart Uhlhorn	1,478,333	768,333	-	768,333	-	1,478,333	48.0%		

Options are vested when vesting criteria have been met. Options are then converted into ordinary shares and held in the BluGlass Employee Share scheme Trust until they are elected to be withdrawn by the beneficiary.

For clarity the vested options held as shares in the Trust are also disclosed in the KMP's shareholding above as they can be exercised and withdrawn at any time once vested.

# SHARES ISSUED ON EXERCISE OF COMPENSATION OPTIONS

No options were exercised during the year by the Company's employee share trust, BluGlass Employee Incentive Plan Pty Ltd. When options that have been granted as compensation in prior periods meet the requisite vesting conditions they are exercised by the trust into shares. These shares are then held

in the share trust for the eligible employees until employees exercise their right to withdraw the shares from the Trust. During the year 268,000 shares were withdrawn from the Trust.

# **APPROVAL OF 2014 REMUNERATION REPORT**

A resolution seeking approval of the 2014 Remuneration Report was tabled at the November 2014 Annual General Meeting. The resolution was passed at that meeting with the vote in favour recorded of 99.53%.

### **REMUNERATION ADVISORS**

During the period no remuneration advisors were retained or used by the Company.

END OF REMUNERATION REPORT

# DIRECTORS' REPORT CONTINUED

### **MEETINGS OF DIRECTORS**

During the financial year, 10 meetings of directors were held. Attendances by each director during the year were:

	DIRE	CTORS' MEETI	NGS	COMMITTEE MEETINGS			
			Audit & Risk	<b>Committee</b>	Remuneration & Nominations Committee		
	Number eligible to attend	Number Attended	Number eligible to attend	Number Attended	Number eligible to attend	Number Attended	
George Venardos	10	10	3	3	1	1	
Gregory Cornelsen	10	9	3	3	1	1	
Chandra Kantamneni	10	9	3	3	-	-	
William Johnson	10	10	-	-	1	1	
Giles Bourne	8	7	-	-	-	-	

# INDEMNITIES GIVEN AND INSURANCE PREMIUMS PAID TO AUDITORS AND OFFICERS

The Group has entered into Deeds of Indemnity, Insurance and Access with each of the directors and the Company Secretary. Each deed provides officers with the following:

- A right to access certain Board papers of the Group during the period of their tenure and for a period of seven years after that tenure ends.
- Subject to the Corporations Act 2001, an indemnity in respect of liability to persons other than the Group and its related bodies corporate that they may incur while acting in their capacity as an officer of the Group or a related body corporate, except where that liability involves a lack of good faith, and for defending certain legal proceedings; and the requirement that the Group maintains appropriate directors' and officers' insurance for the officer.

- No liability has arisen under these indemnities as at the date of this report.
- The Company has paid premiums of \$28,480 (2014 \$29,180) to insure each of the directors, secretary and executives against liabilities for costs and expenses incurred by them in defending any legal proceedings arising out of their conduct while acting in the capacity of a director or officer of the company, other than conduct involved in a wilful breach of duty in relation to the company.
- The Group has not otherwise, during or since the end of the financial year, except to the extent permitted by law, indemnified or agreed to indemnify any current or former officer or auditor of the Group against a liability incurred as such by an officer or auditor.

### **OPTIONS**

At the date of this report, the unissued ordinary shares of BluGlass Limited under option are as follows:

Grant Date	Date of Expiry	Exercise Price	Number Under Option
26/01/2013	26/01/2016	0.00	1,832,668
16/01/2014	16/01/2016	0.01	4,059,000
			5,891,668

During the year ended 30 June 2015, no ordinary shares of BluGlass Limited were issued on the exercise of options.

# CORPORATE GOVERANCE POLICY AND STATEMENT

The Groups Corporate Governance statement can be viewed on the company's website at www.bluglass.com.au

# **DIVERSITY POLICY**

BluGlass has established a Diversity Policy that outlines the Company's commitment to diversity and the active steps the Company will take in implementing the policy, commensurate with a company of its size and the industry with which it operates. A copy of the Diversity Policy is contained in Annexure 7 of the Company's Corporate Governance Statement, a copy of which is available on the Company's website.

Our policy is to recruit and manage on the basis of qualification for the position and performance, regardless of gender, age, nationality, race, religious beliefs, cultural background, sexuality or physical ability. Due to the Company's current size and level of activity there has been limited opportunity with which to measure the Company's commitment to its diversity policy during the 2015 financial year. During the year there was minimal staff movement and no change to the Company's executive team. The board discusses its diversity policy at board meeting's were potential changes to the work force is discussed.

It is essential that the Company employs the appropriate person for each job and that each person strives for a high level of performance.

ETHNIC DIVERSITY				
Total Staff	Australian and NZ	Asian	Americas	European
1.0			4	-

GENDER DIVERSITY	MALE	FEMALE
Total Staff	11	7
Senior Executives	3	-
Senior Research Staff	2	2
Non-Executive Directors	4	-

# **EDUCATIONAL DIVERSITY**

Total Staff	PhD	Masters	Bachelor	Other Qualifications	No Qualifications
18	9	10	13	3	3

### PROCEEDINGS ON BEHALF OF COMPANY

No person has applied for leave of Court to bring proceedings on behalf of the company or intervene in any proceedings to which the company is a party of taking responsibility on behalf of that company for all or any part of those proceedings.

# **NON-AUDIT SERVICES**

The Board of Directors, in accordance with advice from the Audit and Risk committee, is satisfied that the provision of non-audit services during the year is compatible with the general standard of independence for auditors imposed by the Corporations Act 2001. The directors are satisfied that the services disclosed below did not compromise the external auditor's independence for the following reasons:

- All non-audit services are reviewed and approved by the Audit and Risk committee prior to commencement to ensure they do not adversely affect the integrity and objectivity of the auditor, and
- The nature of the services provided do not compromise the general principles relating to auditor independence in accordance with APES110: Code of Ethics for Professional Accountants set by the Accounting Professional and Ethical Standards Board.

There were no fees for non-audit services payable to the external auditors during the year ended 30 June 2015

# **AUDITOR'S INDEPENDENCE DECLARATION**

The lead auditor's independence declaration as required by s307C of the Corporation Act 2001 for the year ended 30 June 2015 has been received and can be found on page 20 and forms part of the Directors' Report.

This Directors' Report incorporating the Remuneration Report is signed in accordance with a resolution of the Board of Directors.

George Venardos DIRECTOR

Dated the 27<sup>th</sup> day of July 2015

# LOWER Temperature



Level 17, 383 Kent Street Sydney NSW 2000

Correspondence to: Locked Bag Q800 QVB Post Office Sydney NSW 1230

T +61 2 8297 2400 F +61 2 9299 4445 E info.nsw@au.gt.com W www.grantthomton.com.au

# Auditor's Independence Declaration To the Directors of BluGlass Limited

In accordance with the requirements of section 307C of the Corporations Act 2001, as lead auditor for the audit of BluGlass Limited for the year ended 30 June 2015, I declare that, to the best of my knowledge and belief, there have been:

- a no contraventions of the auditor independence requirements of the Corporations Act 2001 in relation to the audit; and
- no contraventions of any applicable code of professional conduct in relation to the audit

GRANT THORNTON AUDIT PTY LTD

Chartered Accountants

Grant S Layland

Director - Audit & Assurance

Sydney, 27 July 2015

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# PROFIT OR LOSS AND COMPREHENSIVE INCOME

# CONSOLIDATED STATEMENT OF PROFIT OR LOSS AND OTHER COMPREHENSIVE INCOME FOR THE YEAR ENDED 30 JUNE 2015

	Note	Consolid	Consolidated Entity	
		2015		
Revenue	2	330,738	481,790	
Other income	2	3,202,191	3,630,954	
Employee benefits expense	16	(3,233,197)	(3,272,988)	
Professional fees		(154,244)	(146,221)	
Board and secretarial fees		(283,363)	(310,780)	
Corporate compliance & legal expense		(56,269)	(74,714)	
Consultant fees		(320,259)	(557,627)	
Rent expense		(253,789)	(245,643)	
Travel and accommodation expense		(99,716)	(79,548)	
Consumables		(893,169)	(900,233)	
Depreciation and amortisation expense		(777,652)	(536,754)	
Other expenses		(644,527)	(886,671)	
Loss before income tax	3	(3,183,256)	(2,898,435)	
Income tax expense	4		-	
Loss for the period		(3,183,256)	(2,898,435)	
Other comprehensive income			-	
Total comprehensive income		(3,183,256)	(2,898,435)	
Loss attributable to:				
- Members of the parent entity		(3,183,256)	(2,898,435)	
- Non-controlling interest			-	
		(3,183,256)	(2,898,435)	
Total Comprehensive Income attributable to:				
- Members of the parent entity		(3,183,256)	(2,898,435)	
- Non-controlling interest			-	
		(3,183,256)	(2,898,435)	
Earnings Per Share				
Basic loss per share (cents per share)	6	(1.1)	(1.0)	
Diluted loss per share (cents per share)	6	(1.1)	(1.0)	

The financial statements should be read in conjunction with the following notes.

# FINANCIAL POSITION

No	te			
INC.	λC	Consolidated Entity		
		2015		
Current Assets				
Cash and cash equivalents	7	2,528,849	2,445,235	
Trade and other receivables	3	2,050,812	2,269,950	
Consumables	)	76,919	94,083	
Other current assets 1	0	57,373	81,167	
TOTAL CURRENT ASSETS		4,713,953	4,890,435	
Non-Current Assets				
Property, plant and equipment 1	1	1,376,286	2,116,117	
Intangible assets 1	2	8,695,000	8,695,000	
TOTAL NON-CURRENT ASSETS		10,071,286	10,811,117	
TOTAL ASSETS		14,785,239	15,701,552	
Current Liabilities				
Trade and other payables 1	4	242,554	430,086	
Short-term provisions 1	5	186,651	141,298	
TOTAL CURRENT LIABILITIES		429,205	571,384	
Non Current Liabilities				
Long-term provisions 1	5	403,649	330,513	
TOTAL NON-CURRENT LIABILITIES		403,649	330,513	
TOTAL LIABILITIES		832,854	901,897	
NET ASSETS		13,952,385	14,799,655	
Equity				
Issued capital 1	7	44,519,279	42,673,992	
Reserves 1	8	448,760	(41,935)	
Accumulated Losses		(31,015,654	(27,832,398)	
TOTAL EQUITY		13,952,385	14,799,655	

The financial statements should be read in conjunction with the following notes.

# CHANGES IN EQUITY

	Issued Capital	Share-Based Payments	Other Reserves	Accumulated Losses	Total
	\$	\$	\$	\$	\$
Consolidated Entity					
Balance at 1 July 2013	42,673,992	409,914	(982,452)	(24,975,030)	17,126,424
Total comprehensive income for the period	-	-	-	(2,898,435)	(2,898,435)
	-	-	-	(2,898,435)	(2.898.435)
Transactions with owners in their capacity as owners					
Shares options issued	-	571,670	-	-	571,670
Exercise of share option	-	-	-	-	-
Transfer of retained earnings	-	(41,067)	-	41,067	-
Dividends paid or provided for	-	-	-	-	-
Balance at 30 June 2014	42,673,992	940,513	(982,452)	(27,832,398)	14,799,655
Balance at 1 July 2014	42,673,992	940,513	(982,452)	(27,832,398)	14,799,655
Total comprehensive income for the period	-	-	-	(3,183,256)	(3,183,256)
				(3,183,256)	(3,183,256)
Transactions with owners in their capacity as owners					
Shares issued during the year	1,960,500	-	-	-	1,960,500
Share transaction costs during the year	(115,213)	-	-	-	(115,213)
Share options issued	-	490,699	-	-	490,699
Exercise of share option	-	-	-	-	-
Dividends paid or provided for	-	-	-	-	-
Balance at 30 June 2015	44,519,279	1,431,212	(982,452)	(31,015,654)	13,952,385

The financial statements should be read in conjunction with the following notes.

# **CASHFLOWS**

CONSOLIDATED STATEMENT OF CASH FLOWS FOR THE YEAR ENDED 30 JUNE 2015				
	Note	Consolidated Entity		
		2015 \$	2014 \$	
CASH FLOWS FROM OPERATING ACTIVITIES				
Receipts from grants		1,235,954	1,430,954	
Interest and other income received		2,296,975	2,681,790	
Payments to suppliers and employees		(5,256,780)	(5,931,794)	
Net cash used in operating activities	21	(1,723,851)	(1,819,050)	
CASH FLOWS FROM INVESTING ACTIVITIES				
Purchase of property, plant and equipment		(37,822)	(1,325,585)	
Net cash used in investing activities		(37,822)	(1,325,585)	
CASH FLOWS FROM FINANCING ACTIVITIES				
Proceeds from issue of shares, net of transaction costs		1,845,287	-	
Proceeds from options exercised		-	-	
Repayment of borrowings		-	-	
Net cash provided by financing activities		1,845,287	-	
Net increase/(decrease) in cash held		83,614	(3,144,635)	
Cash at beginning of financial year		2,445,235	5,589,870	
Cash at end of financial year	7	2,528,849	2,445,235	

The financial statements should be read in conjunction with the following notes.

# FINANCIAL STATEMENT NOTES

### NOTE 1: STATEMENT OF SIGNIFICANT ACCOUNTING POLICIES

The financial report covers BluGlass Limited as a consolidated entity ("Group"). BluGlass Limited is a listed public company, incorporated and domiciled in Australia.

The separate financial statements of the parent entity BluGlass Limited have not been presented within this financial report as permitted by the Corporations Act 2001.

The financial statements were authorised for issue on 27th July 2015 by the directors of the company.

The following is a summary of the material accounting policies adopted by the consolidated entity in the preparation of the financial report.

# **Basis of Preparation**

The consolidated general purpose financial statements of the Group have been prepared in accordance with the requirements of the Corporations Act 2001, Australian Accounting Standards and other authoritative pronouncements of the Australian Accounting Standards Board. Compliance with Australian Accounting Standards results in full compliance with the International Financial Reporting Standards (IFRS) as issued by the International Accounting Standards Board (IASB). BluGlass Limited is a for-profit entity for the purpose of preparing financial statements.

The accounting policies set out below have been consistently applied to all years presented.

The financial report has been prepared on an accruals basis and is based on historical costs modified by the revaluation of selected non-current assets, and financial assets and financial liabilities for which the fair value basis of accounting has been applied.

# **Accounting Policies**

# (a) Principles of Consolidation

The consolidated financial statements incorporate the assets, liabilities and results of entities controlled by BluGlass Limited at the end of the reporting period. A controlled entity is any entity BluGlass Limited has the power to control the financial and operating policies of so as to obtain benefits from its activities.

Where controlled entities have entered or left the Group during the year, the financial performance of those entities are included only for the period of the year they were controlled. A list of controlled entities is contained in Note 13 to the financial statements. All controlled entities have a June financial year-end.

In preparing the consolidated financial statements all inter-group balances and transactions between entities in the consolidated group have been eliminated on consolidation. Accounting policies of subsidiaries are consistent with those adopted by the parent entity.

Non-controlling interests, presented as part of equity, represents the portion of a subsidiary's profit or loss and net assets that is not held by the Group. The Group attributes total comprehensive income or loss of subsidiaries and the non-controlling interests bond on their respective ownership interests.

### (b) Income Tax

The income tax expense (revenue) for the year comprises current income tax expense (revenue) and deferred tax expense (revenue).

Current income tax expense charged to the profit and loss is the tax payable on taxable income calculated using applicable tax rates enacted, or substantially enacted, as at reporting period. Current tax liabilities (assets) are therefore measured at the amounts expected to be paid to (recovered from) the relevant taxation authority.



# FINANCIAL STATEMENT NOTES

### NOTE 1: STATEMENT OF SIGNIFICANT ACCOUNTING POLICIES (CONT.)

# (b) Income Tax (cont.)

Deferred tax is calculated at the tax rates that are expected to apply to the period when the asset is realised or liability is settled. Deferred tax is credited in the income statement except where it relates to items that may be credited directly to equity, in which case the deferred tax is adjusted directly against equity.

Deferred income tax assets are recognised to the extent that it is probable that future tax profits will be available against which deductible temporary differences can be utilised.

The amount of benefits brought to account or which may be realised in the future is based on the assumption that no adverse change will occur in income taxation legislation and the anticipation that the consolidated entity will derive sufficient future assessable income to enable the benefit to be realised and comply with the conditions of deductibility imposed by the law.

### Tax consolidation

BluGlass Limited and its wholly-owned Australian subsidiaries have formed an income tax consolidated group under tax consolidation legislation. BluGlass Limited is responsible for recognising the current and deferred tax assets and liabilities for the tax consolidated group. The group notified the Australian Taxation Office that it had formed an income tax consolidated group to apply from 21 September 2006. The tax consolidated group has entered a tax sharing agreement whereby each company in the group contributes to the income tax payable in proportion to their contribution to the net profit before tax of the tax consolidated group.

### (c) Inventories

Inventories are measured at the lower of cost and net realisable value.

### (d) Plant and Equipment

Each class of plant and equipment is carried at cost or fair value as indicated less, where applicable, any accumulated depreciation and impairment losses.

### Plant and equipment

Plant and equipment are measured on the cost basis.

The carrying amount of plant and equipment is reviewed annually by directors to ensure it is not in excess of the recoverable amount from these assets. The recoverable amount is assessed on the basis of the expected net cash flows that will be received from the assets employment and subsequent disposal. The expected net cash flows have been discounted to their present values in determining recoverable amounts.

# Depreciation

The depreciable amount of all fixed assets including building and capitalised lease assets is depreciated on a straight-line basis over their useful lives to the consolidated group commencing from the time the asset is held ready for use. Leasehold improvements are depreciated over the shorter of either the unexpired period of the lease or the estimated useful lives of the improvements.

The depreciation rates used for each class of depreciable assets are:

Class of Fixed Asset Depreciation Rate

Furniture and Fittings 10%
Plant and equipment 20-100%
Leasehold improvements 33.33%
Computer hardware and software 33.33%

# FINANCIAL STATEMENT NOTES

### NOTE 1: STATEMENT OF SIGNIFICANT ACCOUNTING POLICIES (CONT.)

# (d) Plant and Equipment (cont.)

The assets' residual values and useful lives are reviewed, and adjusted if appropriate, at each balance sheet date.

An asset's carrying amount is written down immediately to its recoverable amount if the asset's carrying amount is greater than its estimated recoverable amount.

Gains and losses on disposals are determined by comparing proceeds with the carrying amount. These gains and losses are included in the income statement. When revalued assets are sold, amounts included in the revaluation reserve relating to that asset are transferred to retained earnings.

## (e) Leases

Leases of fixed assets where substantially all the risks and benefits incidental to the ownership of the asset, but not the legal ownership that is transferred to entities in the consolidated entity are classified as finance leases.

Finance leases are capitalised by recording an asset and a liability at the lower of the amounts equal to the fair value of the leased property or the present value of the minimum lease payments, including any guaranteed residual values. Lease payments are allocated between the reduction of the lease liability and the lease interest expense for the period.

Leased assets are depreciated on a straight-line basis over their estimated useful lives.

Lease payments for operating leases, where substantially all the risks and benefits remain with the lessor, are charged as expenses in the periods in which they are incurred.

Lease incentives under operating leases are recognised as a liability and amortised on a straight-line basis over the life of the lease term.

# (f) Financial Instruments

# Recognition and measurement

Financial instruments, incorporating financial assets and financial liabilities are recognised when the entity becomes a party to the contractual provisions of the instrument.

Financial instruments are initially measured at fair value plus transaction costs where the instrument is not classified as at fair value through profit and loss. Transaction costs related to instruments classified as at fair value through profit and loss are expensed to the profit and loss immediately. Financial instruments are classified and measured as set out below.

### Derecognition

Financial assets are derecognised where the contractual rights to receipt of cash flows expires or the asset is transferred to another party whereby the entity no longer has any significant continuing involvement in the risks and benefits associated with the asset. Financial liabilities are derecognised where the related obligations are either discharged, cancelled or expire. The difference between the carrying value of the financial liability extinguished or transferred to another party and the fair value of consideration paid, including the transfer of non-cash assets or liabilities assumed, is recognised in profit or loss.

# Loans and receivables

Loans and receivables are non-derivative financial assets with fixed or determinable payments that are not quoted in an active market and are stated at amortised cost using the effective interest rate method.

### Financial liabilities

Non-derivative financial liabilities (excluding financial guarantees) are subsequently measured at amortised cost using the effective interest rate method.



# FINANCIAL STATEMENT NOTES

# NOTE 1: STATEMENT OF SIGNIFICANT ACCOUNTING POLICIES (CONT.)

# (f) Financial Instruments (cont.)

### Impairment

At each reporting date, the group assess whether there is objective evidence that a financial instrument has been impaired. In the case of available-for sale financial instruments, a prolonged decline in the value of the instrument is considered to determine whether impairment has arisen. Impairment losses are recognised in the statement of comprehensive income.

### (g) Impairment of assets

At the end of each reporting period, the Group assesses whether there is any indication that an asset may be impaired. The assessment will include the consideration of external and internal sources of information including dividends received from subsidiaries, associates or jointly controlled entities deemed to be out of pre-acquisition profits. If such an indication exists, an impairment test is carried out on the asset by comparing the recoverable amount of the asset, being the higher of the asset's fair value less costs to sell and value in use, to the asset's carrying value. Any excess of the asset's carrying value over its recoverable amount is expensed to the statement of comprehensive income.

Where it is not possible to estimate the recoverable amount of an individual asset, the Group estimates the recoverable amount of the cash-generating unit to which the asset belongs.

Impairment testing is performed annually for goodwill and intangible assets with indefinite lives.

# (h) Intangibles

### Patents and trademarks

Patents and trademarks are recognised at cost of acquisition. Patents and trademarks and intellectual property have a finite life and are carried at cost less any accumulated amortisation and any impairment losses. Patents and trademarks are amortised over their useful life ranging from 5 to 10 years.

### Research and development

Expenditure during the research phase of a project is recognised as an expense when incurred. Development costs are capitalised only when technically feasibility studies identify that the project will deliver future economic benefits and these benefits can be measured reliably.

Development costs have a finite life and are amortised on a systematic basis matched to the future economic benefits over the useful life of the project.

# Intellectual property

Intellectual property (IP) which represents in process research is recognised at cost of acquisition. IP has a finite life once the asset is ready for use. Once the asset is ready for use the asset will be carried at cost less any accumulated amortisation and any impairment losses.

# (i) Foreign Currency Transactions and Balances

# Functional and presentation currency

The functional currency of each of the Group's entities is measured using the currency of the primary economic environment in which that entity operates. The consolidated financial statements are presented in Australian dollars which is the parent and controlled entity's functional and presentation currency.

### Transaction and balances

Foreign currency transactions are translated into functional currency using the exchange rates prevailing at the date of the transaction. Foreign currency monetary items are translated at the year-end exchange rate. Non-monetary items measured at historical cost continue to be carried at the exchange rate at the date of the transaction. Non-monetary items measured at fair value are reported at the exchange rate at the date when fair values were determined.

# FINANCIAL STATEMENT NOTES

# NOTE 1: STATEMENT OF SIGNIFICANT ACCOUNTING POLICIES (CONT.)

# (i) Foreign Currency Transactions and Balances (cont.)

Exchange differences arising on the translation of monetary items are recognised in the income statement, except where deferred in equity as a qualifying cash flow or net investment hedge.

Exchange differences arising on the translation of non-monetary items are recognised directly in equity to the extent that the gain or loss is directly recognised in equity, otherwise the exchange difference is recognised in the income statement.

# (j) Employee Benefits

Provision is made for the Group's liability for employee benefits arising from services rendered by employees to balance date. Employee benefits that are expected to be settled within one year have been measured at the amounts expected to be paid when the liability is settled, plus related on-costs. Employee benefits payable later than one year have been measured at the present value of the estimated future cash outflows to be made for those benefits. In determining the liability, consideration is given to employee wage increases and the probability that the employee may satisfy vesting requirements. Those cashflows are discounted using market yields on national government bonds with terms to maturity that match the expected timing of cashflows.

# **Equity-settled compensation**

The Group operates an equity-settled share-based payment employee share and option scheme. The fair value of the equity to which employees become entitled is measured at grant date and recognised as an expense over the vesting period, with a corresponding increase to an equity account. The fair value of shares is ascertained as the market bid price. The fair value of options is ascertained using the Cox-Ross-Rubenstein Binomial pricing model which incorporates all market vesting conditions. The number of shares and options expected to vest is reviewed and adjusted at each reporting date such that the amount recognised for services received as consideration for the equity instruments granted shall be based on the number of equity instruments that eventually vest.

### (k) Provisions

Provisions are recognised when the Group has a legal or constructive obligation, as a result of past events, for which it is probable that an outflow of economic benefits will result and that outflow can be reliably measured.

# (I) Cash and Cash Equivalents

Cash and cash equivalents include cash on hand, deposits held at call with banks, other short-term highly liquid investments with original maturities of three months or less, and bank overdrafts. Bank overdrafts are shown within short-term borrowings in current liabilities on the statement of financial position.

### (m) Revenue and Other Income

Interest revenue is recognised using the effective interest rate method, which, for floating rate financial assets, is the rate inherent in the instrument.

All revenue is stated net of the amount of goods and services tax (GST).

### (n) Goods and Services Tax (GST)

Revenues, expenses and assets are recognised net of the amount of GST, except where the amount of GST incurred is not recoverable from the Australian Tax Office. In these circumstances the GST is recognised as part of the cost of acquisition of the asset or as part of an item of the expense. Receivables and payables in the statement of financial position are shown inclusive of GST.

Cash flows are presented in the cash flow statement on a gross basis, except for the GST component of investing and financing activities, which are disclosed as operating cash flows.



# FINANCIAL STATEMENT NOTES

# NOTE 1: STATEMENT OF SIGNIFICANT ACCOUNTING POLICIES (CONT.)

# (o) Government Grants

Government grants are recognised at fair value where there is reasonable assurance that the grant will be received and all grant conditions will be met. Grants relating to expense items are recognised as income over the periods necessary to match the grant to the costs they are compensating. Grants relating to assets are credited to deferred income at fair value and are credited to income over the expected useful life of the asset on a straight-line basis.

## (p) Borrowing Costs

Borrowing costs are expensed in the period in which they are incurred and reported in finance costs.

## (q) Comparative Figures

When required by Accounting Standards, comparative figures have been adjusted to conform to changes in presentation for the current financial year.

# (r) Critical accounting estimates and judgments

The directors evaluate estimates and judgments incorporated into the financial report based on historical knowledge and best available current information. Estimates assume a reasonable expectation of future events and are based on current trends and economic data, obtained both externally and within the Group.

### Key estimates — Impairment

The Group assesses impairment at the end of each reporting period by evaluating conditions and events specific to the Group that may lead to impairment of assets. Where an impairment trigger exists, the recoverable amount of the asset is determined. Value-in-use calculations performed in assessing recoverable amounts incorporate a number of key estimates. See Note 12: Intangible assets for further disclosure of impairment.

# Key estimates — Share options

The company issued options under the BluGlass Limited prospectus and the employee incentive option scheme. The options granted in the year were valued using the BluGlass share price at the date of grant. The prior year options were valued the same as they are currently valued. The key inputs to the pricing model are disclosed on Note 22. In addition to the pricing, key judgements revolve around the likelihood of vesting and estimated vesting date where there are vesting conditions. These judgements impact the expense recorded for the period.

### Key estimates — Deferred Taxes

Deferred taxes have not been recognised on the Company's tax losses due to the uncertainty in relation to the timing of the losses being utilised in the future.

# (s) Adoption of New and Revised Accounting Standards

# AASB 2013-3 Recoverable Amount Disclosures for Non-Financial Assets

These narrow-scope amendments address disclosure of information about the recoverable amount of impaired assets if that amount is based on fair value less costs of disposal.

When developing IFRS 13 Fair Value Measurement, the IASB decided to amend IAS 36 Impairment of Assets to require disclosures about the recoverable amount of impaired assets. The IASB noticed however that some of the amendments made in introducing those requirements resulted in the requirement being more broadly applicable than the IASB had intended. These amendments to IAS 36 therefore clarify the IASB's original intention that the scope of those disclosures is limited to the recoverable amount of impaired assets that is based on fair value less costs of disposal. AASB 2013-3 makes the equivalent amendments to AASB 136 Impairment of Assets.

The Group has not yet assessed the full impact of these amendments.



#### NOTE 1: STATEMENT OF SIGNIFICANT ACCOUNTING POLICIES (CONT.)

#### (s) Adoption of New and Revised Accounting Standards (cont.)

## AASB 2014-1 Amendments to Australian Accounting Standards (Part A: Annual Improvements 2010–2012 and 2011–2013 Cycles)

Part A of AASB 2014-1 makes amendments to various Australian Accounting Standards arising from the issuance by the International Accounting Standards Board (IASB) of International Financial Reporting Standards Annual Improvements to IFRSs 2010-2012 Cycle and Annual Improvements to IFRSs 2011-2013 Cycle.

Among other improvements, the amendments arising from Annual Improvements to IFRSs 2010-2012 Cycle:

(a) clarify that the definition of a 'related party' includes a management entity that provides key management personnel services to the reporting entity (either directly or through a group entity); and

(b) amend AASB 8 Operating Segments to explicitly require the disclosure of judgements made by management in applying the aggregation criteria.

Among other improvements, the amendments arising from Annual Improvements to IFRSs 2011-2013 Cycle clarify that an entity should assess whether an acquired property is an investment property under AASB 140 Investment Property and perform a separate assessment under AASB 3 Business Combinations to determine whether the acquisition of the investment property constitutes a business combination.

The Group has not yet assessed the full impact of these amendments.

#### (t) Accounting Standards issued but not yet effective and not adopted early by the Group

#### AASB 15 Revenue from contracts with Customers

AASB15:

- replaces AASB 118 Revenue, AASB 111 Construction Contracts and some revenue-related Interpretations:
- establishes a new revenue recognition model
- changes the basis for deciding whether revenue is to be recognised over time or at a point in time
- provides new and more detailed guidance on specific topics (e.g., multiple element arrangements, variable pricing, rights of return, warranties and licensing)
- expands and improves disclosures about revenue

The entity is yet to undertake a detailed assessment of the impact of AASB 15. However, based on the entity's preliminary assessment, the Standard is not expected to have a material impact on the transactions and balances recognised in the financial statements when it is first adopted for the year ending 30 June 2018.

## AASB 2014-4 Amendments to Australian Accounting Standards – Clarification of Acceptable Methods of Depreciation and Amortisation

The amendments to AASB 116 prohibit the use of a revenue-based depreciation method for property, plant and equipment. Additionally, the amendments provide guidance in the application of the diminishing balance method for property, plant and equipment.

The amendments to AASB 138 present a rebuttable presumption that a revenue-based amortisation method for intangible assets is inappropriate. This rebuttable presumption can be overcome (i.e., a revenue-based amortisation method might be appropriate) only in two (2) limited circumstances:

*i.* The intangible asset is expressed as a measure of revenue, for example when the predominant limiting factor inherent in an intangible asset is the achievement of a revenue threshold (for instance, the right to operate a toll road could be based on a fixed total amount of revenue to be generated from cumulative tolls charged); or

ii. When it can be demonstrated that revenue and the consumption of the economic benefits of the intangible asset are highly correlated.

When these amendments are first adopted for the year ending 30 June 2017, there will be no material impact on the transactions and balances recognised in the financial statements.

#### NOTE 1: STATEMENT OF SIGNIFICANT ACCOUNTING POLICIES (CONT.)

#### (u) Going Concern

Notwithstanding the net loss for the year and the accumulated losses for the consolidated group, the directors have performed a review of the cash flow forecasts and consider the company to be a going concern.

The directors have approved the company's forward business plans with an understanding that sufficient cash resources are available to meet the company's commitments over the next twelve months.

The directors have prepared the financial statements on a going concern basis as the company has a number of options for raising future capital requirements and the directors are confident that one or more of these options will be successful during the period. Additionally as a fall back equity based funding options are available to the company to continue its research and development efforts.

#### **NOTE 2: REVENUE AND OTHER INCOME**

	Consolidated Entity		
	2015 \$	2014 \$	
Revenue			
<ul> <li>interest received from other persons</li> </ul>	53,913	122,404	
<ul><li>— sundry income</li></ul>	276,825	359,386	
Total Revenue	330,738	481,790	
Other Income			
— grant revenue	1,235,954	1,430,954	
<ul> <li>R&amp;D tax rebate</li> </ul>	1,966,237	2,200,000	
Total other income	3,202,191 3,630,		

#### **NOTE 3: LOSS FOR THE YEAR**

	Consolidated Entity		
Expenses:	2015 \$		
Rental Expense on operating leases			
<ul> <li>Minimum lease payments</li> </ul>	253,789	245,643	
Share based payments	490,699	571,669	

#### **NOTE 4: INCOME TAX EXPENSE**

		Consolidated Entity		
		2015 \$	2014 \$	
(a)	The components of tax expense comprise:			
	<ul><li>Current tax</li></ul>	-	-	
	<ul><li>Deferred tax</li></ul>	-	-	
		-	-	



## **NOTE 4: INCOME TAX EXPENSE (CONT.)**

		Consolidated Entity	
		2015 \$	2014 \$
(b)	The prima facie tax on loss before income tax is reconciled to the income tax as follows:		
	Prima facie tax payable on loss before income tax at 30% (2014: 30%)		
	<ul><li>consolidated entity</li></ul>	(954,977)	(869,531)
	Add:		
	Tax effect of:		
	<ul><li>— IPO related costs(deductible over 5 years)</li></ul>	92,709	92,709
	<ul> <li>share-based payments during year</li> </ul>	147,210	171,501
	— other non-allowable items	65,028	60,753
		304,947	324,963
	Add:		
	Income tax benefit not brought to account	(650,030)	(571,568)
	Income tax benefit attributable to the entity	-	-
	Accumulated tax losses not brought to account	5,696,245	5,046,215

## **NOTE 5: AUDITORS' REMUNERATION**

	Consolida	ted Entity
	2015 \$	2014 \$
Remuneration of the auditor for:		
<ul> <li>auditing or reviewing the financial report</li> </ul>	63,236	56,221
<ul> <li>Other audit services</li> </ul>	-	-
	63,236	56,221

#### **NOTE 6: LOSS PER SHARE**

		Consolidated Entity	
		2015 \$	2014
(a)	Loss attributable to members of the parent entity	(3,183,256)	(2,898,435)
(b)	Basic and diluted loss per share (cents per share)	(1.1)	(1.0)
(c)	Weighted average number of ordinary shares outstanding during the year used in	No.	No.
(C)	calculating basic EPS.	289,553,455	286,388,177

#### **NOTE 7: CASH AND CASH EQUIVALENTS**

	Consolidated Entity		
	2015 \$		
Cash at bank and in hand	77,165	79,571	
Short-term bank deposits	2,451,078	2,365,344	
Petty cash	606	320	
	2,528,849	2,445,235	

The effective interest rate on short-term bank deposits was 2.73% (2013: 3.4%), these deposits have an average maturity of less than 14 days.

## **NOTE 8: TRADE AND OTHER RECEIVABLES**

	Consolidated Entity		
	2015 \$		
Research and Development Tax Rebate	2,000,000	2,200,000	
Other	50,812	69,950	
	2,050,812	2,269,950	

## **NOTE 9: CONSUMABLES**

	Consolidated Entity		
	2015 \$		
CURRENT			
Consumables	76,919	94,083	
	76,919	94,083	

## **NOTE 10: OTHER CURRENT ASSETS**

	Consolidated Entity		
	2015 \$		
CURRENT			
Prepayments	28,576	25,214	
Security deposit	14,516	14,516	
Other receivables	14,281	41,437	
	57,373	81,167	

All amounts are short-term. The net carrying value of other receivables is considered a reasonable approximation of fair value. No impairment of receivables is deemed to exist. There were no bad debts during the year (2014: nil).

# FINANCIAL STATEMENT NOTES

	Consolidated Entity	,	
	2015		
	\$	2014 \$	
PLANT AND EQUIPMENT			
Plant and equipment:			
At cost	6,226,689	6,198,485	
Accumulated depreciation	(5,452,353)	(4,987,801)	
Total plant and equipment	774,336	1,210,684	
Leased plant and equipment			
At cost	1,006,170	1,006,170	
Accumulated depreciation	1,006,170	1,006,170	
Total leased plant and equipment	-	-	
Lacashald impressments			
Leasehold improvements At cost	2.707.000	2 701 150	
	3,797,008	3,791,158	
Accumulated depreciation	(3,246,424)	(2,961,690)	
Total leasehold improvements	550,584	829,468	
Furniture and fittings			
At cost	145,340	145,033	
Accumulated depreciation	(113,799)	(90,957)	
Total furniture and fittings	31,541	54,076	
Computer equipment			
At cost	275,618	272,164	
Accumulated depreciation	(255,793)	(250,275)	
Total computer equipment	19,825	21,889	
Total property, plant and equipment	1,376,286	2,116,117	

## (a) Movements in Carrying Amounts

Movement in the carrying amounts for each class of plant and equipment between the beginning and the end of the current financial year:

	Leased Plant and Equipment	Plant and Equipment	Leasehold Improvements	Furniture and Fittings	Computer Equipment	Total
	\$	\$	\$	\$	\$	\$
Consolidated Entity:						
Balance at 30 June 2014	-	1,210,684	829,468	54,076	21,889	2,116,117
Additions	-	28,208	5,850	310	3,454	37,822

NOTE 11: PLANT AND EQUIPMENT (CONT.)							
Disposals	-	-	-	-	-	-	
Depreciation expense	-	(464,548)	(284,734)	(22,842)	(5,520)	(777,644)	
Balance at 30 June 2015	-	774,336	550,584	31,544	19,823	1,376,295	

#### **NOTE 12: INTANGIBLE ASSETS**

	Parent Entity		
	2015 \$	2014	
In process research and development:			
Cost	12,130,080	12,130,080	
Accumulated impaired losses	(3,435,080)	(3,435,080)	
Net carrying value	8,695,000	8,695,000	

The company obtained a valuation of the intellectual property from an independent valuer Acuity Technology Management Pty Ltd to assist the directors in assessing impairment. The methodology used by the independent valuer to determine the value of the intellectual property was based on a discounted cash flow (DCF) method adjusted for the probability of achieving certain milestones. The DCF was based on management cash flow projections for 10 years. Greater than 5 years is appropriate based on the expected life cycle of the technology. The DCF has been discounted at between 15% and 17% (2014:15% to 17%). Other general market considerations have been considered including the market capitalisation of BluGlass. The IP was assessed to have a value between \$18 million to \$25 million.

## **NOTE 13: CONTROLLED ENTITIES**

(a) Controlled Entities Consolidated		Percentage Owned (%)*	
	Country of Incorporation	2015	2014
Parent Entity:			
BluGlass Limited	Australia	-	-
Subsidiaries of BluGlass Limited:			
Gallium Enterprises Pty Ltd	Australia	100	100
BluSolar Pty Ltd	Australia	100	100
BluGlass Deposition Technologies Pty Ltd	Australia	100	100
BluGlass Research Pty Ltd	Australia	100	100
EpiBlu Technologies Pty Ltd	Australia	100	100
*Percentage of voting power is in proportion to ownership			



## **NOTE 14: TRADE AND OTHER PAYABLES**

	Consolidated Entity	
	2015 \$	2014 \$
CURRENT		
Trade payables	115,788	253,165
Sundry payables and accrued expenses	126,766	176,921
	242,554	430,086

The carrying values of trade payables, sundry and accrued payables are considered to be reasonable approximation of fair value.

## **NOTE 15: PROVISIONS**

	Consolidated Entity	
	2015 \$	2014
Current	186,651	141,298
Non-Current Non-Current	403,649	330,513
	590,300	471,811

	Lease Make Good \$	Employee \$	Total \$
Consolidated Group			
Opening Balance at 1 July 2014	200,000	271,811	471,811
Additional provisions	-	239,224	239,224
Amounts used	-	(120,735)	(120,735)
Balance at 30 June 2015	200,000	390,300	590,300

## **NOTE 16: EMPLOYMENT BENEFITS EXPENSE**

	Consolidated Entity	
	2015 \$	2014 \$
Wages, Salaries	2,516,218	2,484,263
Share-base payments	490,699	571,669
Superannuation	226,280	217,056
	3,233,197	3,272,988

#### **NOTE 17: ISSUED CAPITAL**

	Consolidated Entity	
	2015	2014
	\$	\$
319,116,721 (2014: 287,748,721) fully paid ordinary shares	44,519,235	42,673,992
	44,519,279	42,673,992

The company has authorised share capital amounting to 319,116,721 ordinary shares.

(a)	Ordinary Shares	No.	\$
	At the beginning of reporting period	287,748,721	42,673,992
	Shares issued during the year:		
	— 10 June 2015	31,368,000	1,845,287
	At reporting date	319,116,721	44,519,279

Ordinary shares participate in dividends and the proceeds on winding up of the parent entity in proportion to the number of shares held.

At the shareholders meetings each ordinary share is entitled to one vote when a poll is called, otherwise each shareholder has one vote on a show of hands.

#### (b) Options

For information relating to the BluGlass Limited employee option plan, including details of options issued, exercised and lapsed during the financial year and options outstanding at the end of the financial year, refer to Note 22: Share-based Payments.

#### (c) Capital Management

Management controls the capital of the consolidated entity in order to maintain a good debt to equity ratio, provide the shareholders with adequate returns and ensure that the consolidated entity can fund its operations and continue as a going concern.

The consolidated entity's capital comprises ordinary share capital.

There are no externally imposed capital requirements.

There have been no changes in the strategy adopted by management to control the capital of the consolidated entity since the prior year.

#### **NOTE 18: RESERVES**

### (a) Share based payments

The reserve records items recognised as expenses on valuation of employee share options and shares. The company has elected to reclassify amounts representing expired options to accumulated losses.

#### (b) Other Reserves

This reserve is used to recognise the difference between purchase consideration paid and the non-controlling interest carrying value.

# FINANCIAL STATEMENT NOTES

#### **NOTE 19: CAPITAL AND LEASING COMMITMENTS**

			Consolidate	d Entity
			2015 \$	2014
(a)	Opera	ting Lease Commitments:		
		ole operating lease contracted for but not capitalised al statements		
Payabl	e-minir	num lease payments		
	_	not later than 12 months	200,000	200,000
	_	between 12 months and 5 years	275,068	474,521
	_	greater than 5 years	-	-
			475,068	674,521

The lease was renewed for an additional term of five years from February 2013. The property lease is a non-cancellable lease with a five year term, with rent payable monthly in advance. Contingent rental provisions within the lease agreement require the minimum lease payments shall be increased by the greater of CPI or 4.0% per annum. The lease does not allow for subletting of any lease areas.

## **NOTE 20: OPERATING SEGMENTS**

#### (a) Business and geographical segments

The Group identified its operating segments based on the internal reports that are reviewed and used by the Board of Directors (chief operating decision makers) in assessing performance and determining the allocation of resources.

The Group is managed primarily on the basis of research and development activities. The Group's operation has one main risk profile and performance assessment criteria. Operating segments are therefore determined on the same basis.

Reportable segments disclosed are based on aggregating operating segments where the segments are considered to have similar economic characteristics and are also similar with respect to the following:

- the products sold and/or services provided by the segment,
- the manufacturing process,
- the type or class of customer for the product or service, and
- the distribution method; and any external regulatory requirements

Applying the above criteria, the Group only has one operating division being the research and manufacture of Gallium Nitride (GaN).

The Group operates in one geographical area being in Australia. The Group did not undertake any new operations and it did not discontinue any of its existing operations during the year.

#### **NOTE 21: CASH FLOW INFORMATION**

	Canaalidad	had Eustitu
	Consolida	
	2015	2014
(a) Reconciliation of Cash Flow from Operations with Loss after Income Tax	\$	<b>D</b>
(a) Reconcination of Cash Flow Holli Operations with Loss after income fax		
Loss after income tax	(3,183,256)	(2,898,435)
Non-cash flows in loss		
Depreciation expense	777,652	536,754
Share based payment	490,699	571,670
Other Non-cash items	-	-
Changes in assets and liabilities, net of the effects of purchase and disposal of subsidiaries		
(Increase)/decrease in trade and other receivables	219,138	(302,166)
(Increase)/decrease in other assets	23,794	32,397
Decrease/(increase) in deposits	-	-
Decrease in consumables	17,164	49,979
Increase/(decrease) in trade and other payables and accruals	(180,432)	178,981
Increase in provisions	111,390	11,770
Cash flow from operations	(1,723,851)	(1,819,050)

#### **NOTE 22: SHARE-BASED PAYMENTS**

The following share-based payments existed at 30 June 2015:

	Consolidated Entity			
	2015		20	014
	Number of Options	Weighted Average Exercise Price \$	Number of Options	Weighted Average Exercise Price \$
Outstanding at the beginning of the year	5,891,666	0.01	4,616,891	0.10
Granted	-	-	4,059,000	0.01
Forfeited	-	-	-	-
Exercised	-	-	(2,784,225)	0.00
Expired	-	-	-	-
Outstanding at year-end	5,891,666	0.01	5,891,666	-
Exercisable at year-end	-	-	-	-

The options outstanding at 30 June 2015 had a weighted average exercise price of \$0.01 and a weighted average remaining contractual life of 1.7 years. (Option prices were \$0.01 in respect of options outstanding at 30 June 2014).

The life of the options is based on the historical exercise patterns, which may not eventuate in the future.

Included under employee benefits and expense in the income statement relating to share-based payment is \$490,677 (2014: \$571,669) and relates, in full, to equity-settled share-based payment transactions.

# FINANCIAL STATEMENT NOTES

#### **NOTE 23: RELATED PARTY TRANSACTIONS**

	Consolida	ted Entity
	2015 \$	2014 \$
The totals of remuneration paid to key management personnel of the group during the year are as follows:		
Short term employment benefits	924,953	1,075,542
Post-Employment benefits	94,078	83,713
Share-based payments	-	392,850
	1,019,031	1,552,105

Key Management Personnel have had no other transactions with the group during the year, and the group has no other related parties.

#### **NOTE 24: FINANCIAL RISK MANAGEMENT**

The Group's financial instruments consist mainly of deposits with banks, short-term investments, accounts receivable and payable, loans to a subsidiary and leases.

The totals for each category of financial instruments, measured in accordance with AASB 139 as detailed in the accounting policies to these financial statements, are as follows:

	Note	Consolidated Entity	
		2015 \$	2014 \$
Financial Assets			
Cash and cash equivalents	7	2,528,849	2,445,235
Trade and other receivables	8	2,050,812	2,269,950
		4,579,661	4,715,185
Financial Liabilities			
Trade and other payables	14	242,554	430,086
		242,554	430,086

The Audit and Risk Committee (ARC) has been delegated responsibility by the Board of Directors for, amongst other issues, monitoring and managing financial risk exposures of the Group. The ARC monitors the Group's financial risk management policies and exposures and approves financial transactions within the scope of its authority. It also reviews the effectiveness of internal controls relating to commodity price risk, counter party credit risk, currency risk, financing risk and interest rate risk. The ARC meets regularly and minutes are reviewed by the Board.

The ARC's overall risk management strategy seeks to assist the consolidated group in meeting its financial targets, while minimising potential adverse effects on financial performance. Its functions include the review of the use of hedging derivative instruments, credit risk policies and future cash flow requirements.

### Specific Financial Risk Exposures and Management

The main risk the Group is exposed to through its financial instruments is interest rate risk. Other risks include foreign currency risk, liquidity risk, credit risk, and commodity and equity price risk.



#### **NOTE 24: FINANCIAL RISK MANAGEMENT (CONT.)**

The maximum exposure to financial risk, excluding the value of any collateral or other security, at balance date to recognised financial assets, is the carrying amount, net of any provisions for impairment of those assets, as disclosed in the balance sheet and notes to the financial statements.

#### (a) Credit Risk

The group does not have any material credit risk exposure to any single receivable or group of receivables under financial instruments entered into by the consolidated entity.

#### (b) Price Risk

The group has no exposure to commodity price risk.

#### (c) Liquidity Risk

Liquidity risk is that the Group might be unable to meet its obligations. The Group manages its liquidity needs by monitoring scheduled debt servicing payments for long-term financial liabilities as well as forecast cash inflows and outflows due in day-to-day business. The data used for analysing these cash flows is consistent with that used in the contractual maturity analysis below. Liquidity needs are monitored in various time bands, on a day-to-day and week-to-week basis, as well as on the basis of a rolling 30-day projection. Long-term liquidity needs for a 180-day and a 360-day lookout period are identified monthly.

The Group's objective is to maintain cash and marketable securities to meet its liquidity requirements for 30-day periods at a minimum. This objective was met for the reporting periods. Funding for long-term liquidity needs is additionally secured by an adequate amount of committed credit facilities and the ability to sell long-term financial assets.

The Group considers expected cash flows from financial assets in assessing and managing liquidity risk, in particular its cash resources and trade receivables. The Group's existing cash resources and trade receivables significantly exceed the current cash outflow requirements.

As at 30 June 2015 the Group's non-derivative financial liabilities have contractual maturities (including interest payments where applicable) as summarised below:

	Curi	rent	Non-C	urrent
30 June 2015	Within 6 months	6 to 12 months	1 to 5 years \$	Later than 5 years \$
Trade and other payables	242,554	-	-	-
Total	242,554	-	-	-

	Current		Non-C	urrent
30 June 2014	Within 6 months	6 to 12 months	1 to 5 years \$	Later than 5 years \$
Trade and other payables	430,086	-	-	-
Total	430,086	-	-	-

#### (d) Market Risk

(i) Foreign Exchange Risk

The group does not have any material foreign exchange risk exposure to any single asset or liability or group of assets or liabilities under financial instruments entered into by the consolidated entity.

(ii) Interest Rate Risk

The consolidated entity's exposure to interest rate risk, which is the risk that a financial instrument's value will fluctuate as a result of changes in market interest rates and the effective weighted average interest rates on classes of financial assets is as follows:

# FINANCIAL STATEMENT NOTES

#### NOTE 24: FINANCIAL RISK MANAGEMENT (CONT.)

	Weighted Average Effective Interest Rate		Floating In	terest Rate
	2015 \$	2015 %	2014	2014 %
Consolidated Entity Financial Assets:				
Cash	77,771	1.0	79,891	2.1
Investments in term deposits and bank bills	2,451,078	2.1	2,365,344	3.3
Total Financial Assets	2,528,849		2,445,235	

All other financial assets and liabilities are non-interest bearing.

- (iii) Financial instrument composition and maturity analysisAll trade and sundry payables are expected to be paid within the next 45 days.
- (iv) Net Fair Values
  All financial assets and liabilities at 30 June 2015 have maturities of less than 45 days and carrying value represents net fair value.
- (v) Sensitivity analysis

The consolidated and parent entity do not have projected exposure to foreign currency risk or price risk and no material projected exposure to interest rate risk.

#### **NOTE 25: CONTINGENT LIABILITIES**

Contingent liabilities includes, the lease for 74 Asquith Street is supported by a CBA bank guarantee for \$133,100. Collateral for the bank guarantee is a set-off against cash invested with the CBA for \$133,100. The CBA also holds a Guarantee against the company credit cards of \$50,000.

#### **NOTE 26: EVENTS AFTER BALANCE SHEET DATE**

No significant events have occurred after balance sheet date.

#### NOTE 27: BLUGLASS LTD PARENT COMPANY INFORMATION 2015 Parent entity Assets Current assets 4,753,144 4,929,626 13,137,297 Non-current assets 12,225,141 16,978,285 18,066,924 Total assets Liabilities Current liabilities 430,796 572,976

NOTE 27: BLUGLASS LTD PARENT COMPANY INFORMATION (CONT.)		
	2015 \$	2014 \$
Non-current liabilities	2,595,105	2,521,969
Total liabilities	3,025,901	3,094,945
Net Assets	13,952,384	14,971,979
Equity		
Issued capital	44,519,281	42,673,992
Accumulated Losses	(31,015,659)	(27,660,078)
Reserves	448,762	(41,935)
Total Equity	13,952,384	14,971,979
Financial performance		
Loss for the year	(3,364,896)	(6,049,190)
Other comprehensive income	-	-
Total comprehensive income	(3,364,896)	(6,049,190)

## NOTE 28: COMPANY DETAILS AND PRINCIPAL PLACE OF BUSINESS

The registered office and principal place of business of the company is:

BLUGLASS LIMITED 74 ASQUITH STREET SILVERWATER NSW 2128 Ph: +61 2 9334 2300

# DIRECTOR'S DECLARATION

- 1. In the opinion of the directors of BluGlass Limited:
  - a. the consolidated financial statements and notes of BluGlass Limited are in accordance with the Corporations Act 2001, including;
    - i giving a true and fair view of its financial position as at 30 June 2015 and of its performance for the financial year ended on that date, and
    - **ii** complying with Australian Accounting Standards (including the Australian Accounting Interpretations) and the Corporations Regulations 2001, and
  - **b.** there are reasonable grounds to believe that BluGlass Limited will be able to pay its debts as and when they become due and payable.
- 2. The directors have been given the declarations required by Section 295A of the Corporations Act 2001 from the chief executive officer and chief financial officer for the financial year ended 30 June 2015.
- 3. Note 1 confirms that the consolidated financial statements also comply with International Financial Reporting Standards.

Signed in accordance with a resolution of the directors:

**George Venardos** 

Chairman

Dated this 27th Day of July 2015

Venovodo

Giles Bourne

Managing Director and Chief Executive Officer Dated this 27th Day of July 2015

## BRIGHTER FUTURE



Level 17, 383 Kent Street Sydney NSW 2000

Correspondence to: Locked Bag Q800 QVB Post Office Sydney NSW 1230

T +61 2 8297 2400 F +61 2 9299 4445 E info nsw@au gt.com W www.grantthomton.com.au

## Independent Auditor's Report To the Members of BluGlass Limited

#### Report on the financial report

We have audited the accompanying financial report of BluGlass Limited (the "Company"), which comprises the consolidated statement of financial position as at 30 June 2015, the consolidated statement of profit or loss and other comprehensive income, consolidated statement of changes in equity and consolidated statement of cash flows for the year then ended, notes comprising a summary of significant accounting policies and other explanatory information and the directors' declaration of the consolidated entity comprising the Company and the entities it controlled at the year's end or from time to time during the financial year.

#### Directors' responsibility for the financial report

The Directors of the Company are responsible for the preparation of the financial report that gives a true and fair view in accordance with Australian Accounting Standards and the Corporations Act 2001. The Directors' responsibility also includes such internal control as the Directors determine is necessary to enable the preparation of the financial report that gives a true and fair view and is free from material misstatement, whether due to fraud or error. The Directors also state, in the notes to the financial report, in accordance with Accounting Standard AASB 101 Presentation of Financial Statements, the financial statements comply with International Financial Reporting Standards.

#### Auditor's responsibility

Our responsibility is to express an opinion on the financial report based on our audit. We conducted our audit in accordance with Australian Auditing Standards. Those standards require us to comply with relevant ethical requirements relating to audit engagements and

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plan and perform the audit to obtain reasonable assurance whether the financial report is free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial report. The procedures selected depend on the auditor's judgement, including the assessment of the risks of material misstatement of the financial report, whether due to fraud or error.

In making those risk assessments, the auditor considers internal control relevant to the Company's preparation of the financial report that gives a true and fair view in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Company's internal control. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of accounting estimates made by the Directors, as well as evaluating the overall presentation of the financial report.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

#### Independence

In conducting our audit, we have complied with the independence requirements of the Corporations Act 2001.

#### **Auditor's opinion**

In our opinion:

- a the financial report of BluGlass Limited is in accordance with the Corporations Act 2001, including:
  - i giving a true and fair view of the consolidated entity's financial position as at 30 June 2015 and of its performance for the year ended on that date; and
  - complying with Australian Accounting Standards and the Corporations Regulations 2001; and
- b the financial report also complies with International Financial Reporting Standards as disclosed in the notes to the financial statements.

### Report on the remuneration report

We have audited the remuneration report included in pages 10 to 15 of the directors' report for the year ended 30 June 2015. The Directors of the Company are responsible for the preparation and presentation of the remuneration report in accordance with section 300A of the Corporations Act 2001. Our responsibility is to express an opinion on the remuneration report, based on our audit conducted in accordance with Australian Auditing Standards.

# BRIGHTER FUTURE



## Auditor's opinion on the remuneration report

In our opinion, the remuneration report of BluGlass Limited for the year ended 30 June 2015, complies with section 300A of the Corporations Act 2001.

GRANT THORNTON AUDIT PTY LTD

Chartered Accountants

Grant S Layland

Director - Audit & Assurance

Sydney, 27 July 2015

# ADDITIONAL INFORMATION

## ADDITIONAL INFORMATION FOR LISTED PUBLIC COMPANIES

- 1. Shareholding
- a. Distribution of Shareholders as at 22 September 2015

Distribution of Shareholders	Holders	Ordinary Shares	% of Issued Capital
NIL Holding	0	0	0.00
1 – 1,000	142	74,273	0.02
1,001 – 5,000	603	1,864,133	0.57
5,001 – 10,000	418	3,435,775	1.05
10,001 – 100,000	1,039	41,632,600	12.75
Over 100,001	444	279,594,940	85.61
TOTAL ON REGISTER	2,646	326,601,721	100.00
Total Unmarketable Parcels		955	
Total Uneconomical Parcels		1,742	

## b. The names of substantial shareholders in the company register as at 30 August 2015 are:

Shareholder	Ordinary Shares	% of Issued Capital
SPP TECHNOLOGIES CO LTD	57,261,995	17.53%
HSBC CUSTODY NOM AUST LTD	22,445,897	6.87%
ACCESS MACQUARIE LTD	20,204,966	6.19%

## c. Voting Rights

The voting rights attached to each class of equity security are as follows:

#### Ordinary Shares

Each ordinary share is entitled to one vote when a poll is called, otherwise each member present at a meeting or by proxy has one vote on a show of hands.

# ADDITIONAL INFORMATION

## ADDITIONAL INFORMATION FOR LISTED PUBLIC COMPANIES

d. 20 Largest Shareholders - Ordinary Shares as at 30 August 2015

Name		Number of Fully Paid Shares Held	% Held of Issued Ordinary Capital
1	SPP TECHNOLOGIES CO LTD	57,261,995	17.53
2	HSBC CUSTODY NOM AUST LTD	22,445,897	6.87
3	ACCESS MACQUARIE LTD	20,204,966	6.19
4	SWANSEA UNI	6,440,842	1.97
5	BLUGLASS EMPLOYEE INCENTI	4,445,668	1.36
6	UNIVERSITY MACQUARIE	2,997,756	0.92
7	HSBC CUSTODY NOM AUST LTD	2,593,517	0.79
8	STRATEGIC DVLMT PTNRS AUS	2,250,674	0.69
9	NETWEALTH INV LTD	2,185,302	0.67
10	CANEMOON INV PL	1,985,000	0.61
11	ARMELEK PL	1,895,000	0.58
12	GRIMA GARY WAYNE + G D	1,867,209	0.57
13	LOVERY HAROLD F + J C	1,825,000	0.56
14	ESCAY INV PL	1,676,800	0.51
15	BRIDGESUN PL	1,674,433	0.51
16	NATIONAL NOM LTD	1,599,905	0.49
17	UBS WEALTH MGNT AUST NOM	1,550,485	0.47
18	RAFTSEA PL	1,505,486	0.46
19	PINERY INV PL	1,462,000	0.45
20	UBS NOM PL	1,425,168	0.44
		139,293,103	42.64

## 2. The company Secretary is:

Mr Emmanuel Correia

## 3. The address of the principal registered office in Australia is:

74 Asquith Street, Silverwater NSW 2128

## 4. Registers of securities are held at the following address:

770 Canning Highway, Applecross WA 6153

## 5. Stock Exchange Listing:

Quotation has been granted for all the ordinary shares of the company on all Member Exchanges of the Australian Securities Exchange.

#### 6. Unquoted Securities:

1,832,666 - Incentive Plan Options expiring 18 January 2016, \$0.01 exercise price, subject to vesting criteria

4,059,000 - Incentive Plan Options expiring 1 December 2016, \$0.01 exercise price, subject to vesting criteria

4,350,000 - Incentive Plan Options expiring 1 December 2018, \$0.01 exercise price, subject to vesting criteria

# CORPORATE GOVERNANCE STATEMENT 30 JUNE 2015

## **Board Composition**

The skills, experience and expertise relevant to the position of each director, and board committee member, who is in office at the date of the annual report and their term of office are detailed in the Director's report.

The independent directors of the Company are George Venardos, Chandra Kantamneni, William Johnson and Greg Cornelsen.

When determining the independent status of a Director the Board used the Guidelines detailed in the ASX Corporate Governance Council's Principles of Good Corporate Governance and Best Practice Recommendations.

The Board sets out below its "if not why not" report in relation to those matters of corporate governance where the Company's practices depart from the recommendations contained in the ASX Corporate Governance Council's *Corporate Governance Principles* and *Recommendations* – 3<sup>rd</sup> edition.

	Recommendation	BluGlass Limited Current Practice
1.1	A listed entity should disclose: (a) the respective roles and responsibilities of its board and management; and (b) those matters expressly reserved to the board and those delegated to management.	Complies.  The Board Charter is available at www.Bluglass.com.au in the Corporate Governance Section.
1.2	A listed entity should: (a) undertake appropriate checks before appointing a person, or putting forward to security holders a candidate for election, as a director; and (b) provide security holders with all material information in its possession relevant to a decision on whether or not to elect or re-elect a director.	Complies.  The Board Charter is available at www.Bluglass.com.au in the Corporate Governance Section.
1.3	A listed entity should have a written agreement with each director and senior executive setting out the terms of their appointment.	Complies.  The Board Charter is available at www.Bluglass.com.au in the Corporate Governance Section.
1.4	The company secretary of a listed entity should be accountable directly to the board, through the chair, on all matters to do with the proper functioning of the board.	Complies.
1.5	A listed entity should: (a) have a diversity policy which includes requirements for the board or a relevant committee of the board to set measurable objectives for achieving gender diversity and to assess annually both the objectives and the entity's progress in achieving them; (b) disclose that policy or a summary of it; and (c) disclose as at the end of each reporting period the measurable objectives for achieving gender diversity set by the board or a relevant committee of the board in accordance with the entity's diversity policy and its progress towards achieving them, and either: (i) the respective proportions of men and women on the board, in senior executive positions and across the whole organisation (including how the entity has defined "senior executive" for these purposes); or (ii) if the entity is a "relevant employer" under the Workplace Gender Equality Act, the entity's most recent "Gender Equality Indicators", as defined in and published under that Act.	Complies.  Refer to Annexure 7 of the Corporate Governance Statement which is available at www.Bluglass.com.au. Also refer the Annual report for the relative proportions of men and women on the board, in senior executive positions and across the whole organisation.

# BRIGHTER FUTURE

# CORPORATE GOVERNANCE STATEMENT 30 JUNE 2015

	Recommendation (cont.)	BluGlass Limited Current Practice (cont.)
1.6	A listed entity should: (a) have and disclose a process for periodically evaluating the performance of the board, its committees and individual	Complies.  Refer to Annexure 1 of the Corporate Governance Statement which is available at www.Bluglass.com.au
	a performance evaluation was undertaken in the reporting period in accordance with that process.	The Company conducted its performance evaluation in accordance with its established process during the period.
		Complies.
1.7	A listed entity should: (a) have and disclose a process for periodically evaluating the performance of its senior executives; and (b) disclose, in relation to each reporting period, whether a performance evaluation was	Refer to <i>Annexure 1</i> of the Corporate Governance Statement which is available at <i>www.Bluglass.com.au</i>
	undertaken in the reporting period in accordance with that process.	The Company conducted its performance evaluation in accordance with its established process during the period.
	The board of a listed entity should: (a) have a nomination committee	Complies.
2.1	which: (i) has at least three members, a majority of whom are independent directors; and (ii) is chaired by an independent director, and disclose:(iii) the charter of the committee; (iv) the members of the committee; and (v) as at the end of each reporting period, the number of times the committee met throughout the period and the individual attendances of the members at those meetings; or (b) if it does not have a nomination committee, disclose that fact and the processes it employs to address board succession issues and to ensure that the board has the appropriate balance of skills, knowledge, experience, independence and diversity to enable it to discharge its duties and responsibilities effectively.	The Company has established a Nomination and Remuneration Committee. The composition of the Committee together with the Charter is set out in <i>Annexure 6</i> of the Corporate Governance Section which is available at <i>www.Bluglass.com.au</i> Refer to the Directors' Report contained in the Annual Report for number of meetings attended during the financial year.
2.2	A listed entity should have and disclose a board skills matrix setting out the mix of skills and diversity that the boards currently has or is looking to achieve in its membership.	The Company lists the experience and skills of its board on page 8 of the Annual Report. Due to its size and the nature of its operations a board skills matrix is not prepared, rather the board assesses its requirements and mix of skills on an ongoing basis.
2.3	A listed entity should disclose: (a) the names of the directors considered by the board to be independent directors; (b) if a director has an interest, position, association or relationship of the type described in Box 2.3 but the board is of the opinion that it does not compromise the independence of the director, the nature of the interest, position, association or relationship in question and an explanation of why the board is of that opinion; and (c) the length of service of each director.	Complies.  Refer to the "Information on Directors" Section as per the Annual report, page 8.
2.4	A majority of the board of a listed entity should be independent directors.	Complies.  The Board comprise 4 non-executive Directors and 1 executive Director. All non-executive directors are independent.

# CORPORATE GOVERNANCE STATEMENT 30 JUNE 2015

	Recommendation (cont.)	BluGlass Limited Current Practice (cont.)
2.5	The chair of the board of a listed entity should be an independent director and, in particular, should not be the same person as the CEO of the entity.	Complies.
2.6	A listed entity should have a program for inducting new directors and provide appropriate professional development opportunities for directors to develop and maintain the skills and knowledge needed to perform their role as directors effectively.	Complies.  Refer to Annexure 1 of the Corporate Governance Statement which is available at www.Bluglass.com.au
3.1	A listed entity should: (a) have a code of conduct for its directors, senior executives and employees; and (b) disclose that code or a summary of it.	Complies.  Refer to Annexure 2 of the Corporate Governance Statement which is available at www.Bluglass.com.au
4.1	The board of a listed entity should: (a) have an audit committee which: (i) has at least three members, all of whom are non-executive directors and a majority of whom are independent directors; and (ii) is chaired by an independent director, who is not the chair of the board, and disclose: (iii) the charter of the committee; (iv) the relevant qualifications and experience of the members of the committee; and (v) in relation to each reporting period, the number of times the committee met throughout the period and the individual attendances of the members at those meetings; or (b) if it does not have an audit committee, disclose that fact and the processes it employs that independently verify and safeguard the integrity of its corporate reporting, including the processes for the appointment and removal of the external auditor and the rotation of the audit engagement partner.	Refer to Annexure 5 of the Corporate Governance Statement which is available at www.Bluglass.com.au  The Audit Committee has three members, all of whom are independent Directors. The experience of each of the directors is set out as per the "Information on Directors" Section as per the Annual report, page 8.  Refer to the Directors' Report contained in the Annual Report for number of meetings attended during the financial year.
4.2	The board of a listed entity should, before it approves the entity's financial statements for a financial period, receive from its CEO and CFO a declaration that, in their opinion, the financial records of the entity have been properly maintained and that the financial statements comply with the appropriate accounting standards and give a true and fair view of the financial position and performance of the entity and that the opinion has been formed on the basis of a sound system of risk management and internal control which is operating effectively.	Complies.
4.3	A listed entity that has an AGM should ensure that its external auditor attends its AGM and is available to answer questions from security holders relevant to the audit.	Complies.  Refer to Annexure 1 of the Corporate Governance Statement which is available at www.Bluglass.com.au
5.1	A listed entity should: (a) have a written policy for complying with its continuous disclosure obligations under the Listing Rules; and (b) disclose that policy or a summary of it.	Complies.  Refer to the Corporate Governance Statement which is available at www.Bluglass.com.au
6.1	A listed entity should provide information about itself and its governance to investors via its website.	Complies.  Refer to the Corporate Governance Statement which is available at www.Bluglass.com.au

# BRIGHTER FUTURE

# CORPORATE GOVERNANCE STATEMENT 30 JUNE 2015

	Recommendation (cont.)	BluGlass Limited Current Practice (cont.)
6.2	A listed entity should design and implement an investor relations program to facilitate effective two-way communication with investors.	Complies.  Refer to the Corporate Governance Statement which is available at www.Bluglass.com.au
6.3	A listed entity should disclose the policies and processes it has in place to facilitate and encourage participation at meetings of security holders.	Complies.  Refer to the Corporate Governance Statement which is available at www.Bluglass.com.au
6.4	A listed entity should give security holders the option to receive communications from, and send communications to, the entity and its security registry electronically.	Complies.  Refer to Companies website www.Bluglass.com.au
7.1	The board of a listed entity should: (a) have a committee or committees to oversee risk, each of which: (i) has at least three members, a majority of whom are independent directors; and (ii) is chaired by an independent director, and disclose: (iii) the charter of the committee; (iv) the members of the committee; and (v) as at the end of each reporting period, the number of times the committee met throughout the period and the individual attendances of the members at those meetings; or (b) if it does not have risk committee or committees that satisfy (a) above, disclose that fact and the processes it employs for overseeing the entity's risk management framework.	Complies.  Refer to Annexure 5 of the Corporate Governance Statement which is available at www.Bluglass.com.au  The Audit and Risk Committee has three members, all of whom are independent Directors.  Refer to the Directors' Report contained in the Annual Report for number of meetings attended during the financial year.
7.2	The board or a committee of the board should: (a) review the entity's risk management framework at least annually to satisfy itself that it continues to be sound; and (b) disclose, in relation to each reporting period, whether such a review has taken place.	Complies.  Refer to Annexure 5 of the Corporate Governance Statement which is available at www.Bluglass.com.au
7.3	A listed entity should disclose: (a) if it has an internal audit function, how the function is structured and what role it performs; or (b) if it does not have an internal audit function, that fact and the processes it employs for evaluating and continually improving the effectiveness of its risk management and internal control processes.	Complies.  No internal audit function in place.  The CEO and CFO in conjunction with the external auditors (in conjunction with annual and half year audit) undertake an evaluation of the Company's internal controls processes and the effectiveness of its risk management processes.
7.4	A listed entity should disclose whether it has any material exposure to economic, environmental and social sustainability risks and, if it does, how it manages or intends to manage those risks.	The board addresses the key risks affecting the Company via its audit and risk management function. The Company maintains a risk register that is the subject of annual review.

# CORPORATE GOVERNANCE STATEMENT 30 JUNE 2015

	Recommendation (cont.)	BluGlass Limited Current Practice (cont.)
8.1	The board of a listed entity should:	Complies.  Refer to Annexure 6 of the Corporate Governance Statement which is available at www.Bluglass.com.au  Refer to the Directors' Report contained in the Annual Report for number of meetings attended during the financial year.
	(a) have a remuneration committee which:	
	(i) has at least three members, a majority of whom are independent directors; and	
	(ii) is chaired by an independent director, and disclose:	
	(iii) the charter of the committee;	
	(iv) the members of the committee; and	
	(v) as at the end of each reporting period, the number of times the committee met throughout the period and the individual attendances of the members at those meetings; or	
	<b>(b)</b> if it does not have risk committee, disclose that fact and the processes it employs for setting the level and composition of remuneration for directors and senior executives and ensuring that remuneration is appropriate and not excessive.	
8.2	A listed entity should separately disclose its policies and practices regarding the remuneration of non-executive directors and the remuneration of executive directors and other senior executives.	Complies.
		Refer to <i>Annexure 6</i> of the Corporate Governance Statement which is available at www.Bluglass.com.au
		Also the structure of Directors' remuneration is disclosed in the remuneration report contained in the Directors Report.
8.3	A listed entity which has an equity-based remuneration scheme should:	Complies.  Refer to Annexure 3 of the Corporate Governance Statement which is available at www.Bluglass.com.au
	(a) have a policy on whether participants are permitted to enter into transactions (whether through the use of derivatives or otherwise) which limit the economic risk of participating in the scheme; and	
	(b) disclose that policy or a summary of it.	

Further information about the Company's corporate governance practices is set out on the Company's website at www.Bluglass.com.au



