



2024

BLG: MEET THE MANAGEMENT WEBINAR
BluGlass Limited (ASX:BLG), February 2024


BLUGLASS

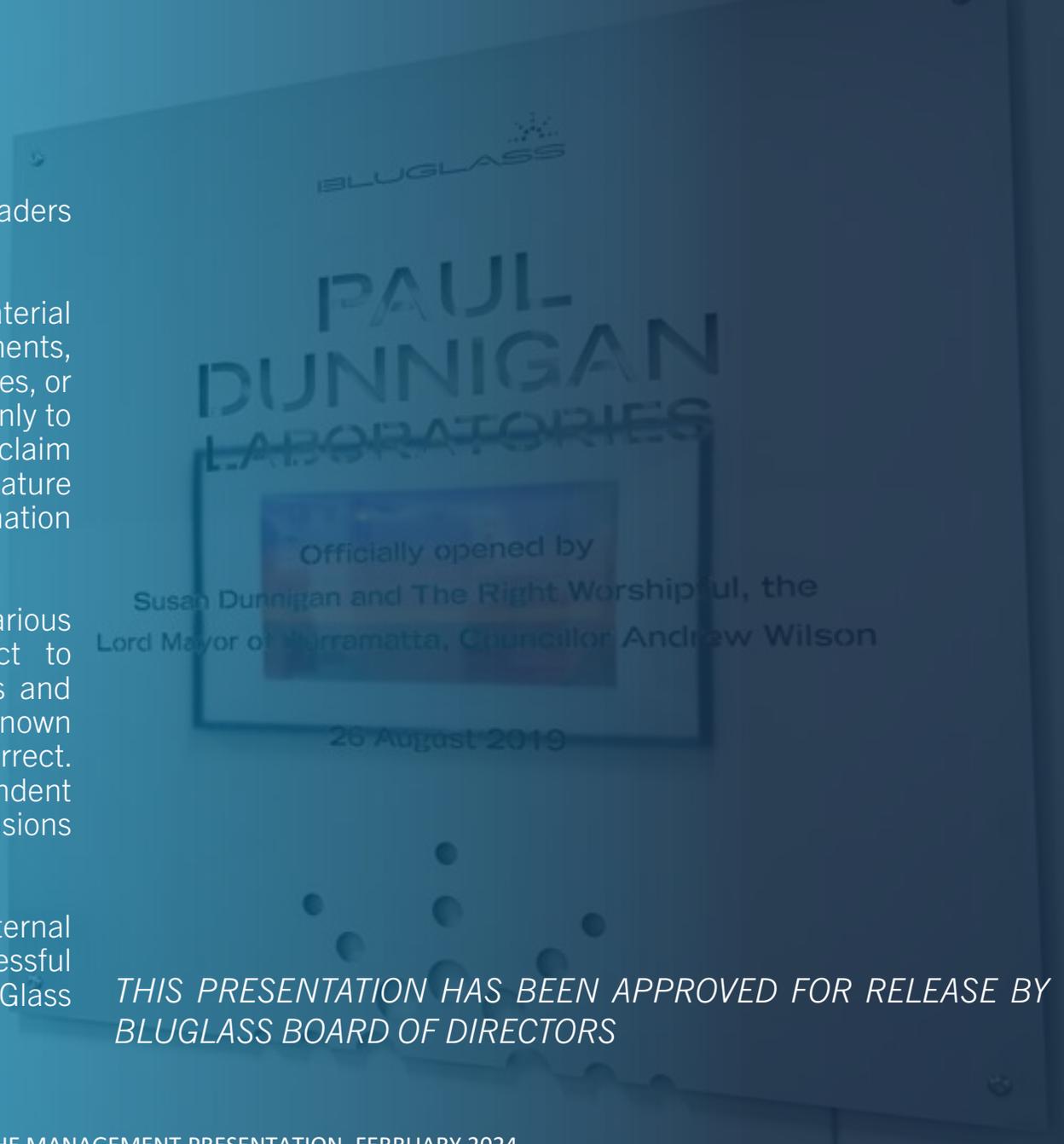
FORWARD LOOKING STATEMENTS

This document has been prepared by BluGlass Limited to provide readers with an update of the Company and the Company's technology.

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Information on Service Addressable Markets (SAM) is based on internal BluGlass modelling and assumptions, both of which depend on successful R&D outcomes and results achieved within estimated timetables. BluGlass recommends a cautious interpretation be taken by investors.



Officially opened by
Susan Dunnigan and The Right Worshipful, the
Lord Mayor of Surramatta, Councillor Andrew Wilson

26 August 2019

*THIS PRESENTATION HAS BEEN APPROVED FOR RELEASE BY THE
BLUGLASS BOARD OF DIRECTORS*

BLUGLASS IS BUILDING MOMENTUM – 2023 WAS AN EXTRAORDINARY YEAR

Launched products & secured industry leading customers across all target market verticals

Named a member of the US \$2B **Microelectronics Commons** as part of NCSU's CLAWS Hub funded by the CHIPS & Science ACT

Won largest contract to date: \$2.6 million sub-contract with US Department of Defense through CLAWS Hub

Vertically integrated semiconductor manufacturing supply chain

Partnering with industry leaders on critical technologies of national significance – helping establish long-term future

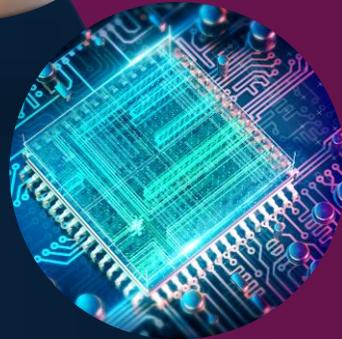
Delivered record revenue growth in Q2 FY24

2024

WORKING WITH CUSTOMERS ACROSS OUR TARGET VERTICALS



INDUSTRIAL



QUANTUM & SCIENTIFIC



BIOTECH



DEFENCE/
ENERGY & R&D



Multiple industry leading customers

BluGlass' customers include leading OEMs across the industrial, medical, quantum & scientific sectors, and national labs and research organisations



Entered MOU with Applied Energetics

BluGlass and Applied Energetics are collaborating to develop innovative solutions critical to national security and commercial applications



Qualifying products across full portfolio

Customers are purchasing underserved and in-demand wavelengths across our full portfolio in single and multi-mode devices



Received first repeat customer order

BluGlass lasers are being qualified in customer applications to validate performance and lifetime



Validated differentiated product offering

Our customers are purchasing both off-the-shelf standard products and highly customized products in flexible form factors, validating our flexible manufacturing offering and full-suite capability

US DoD ESTABLISHES MICROELECTRONICS COMMONS, INVESTS \$2B

BLG IS COMMERCIAL PARTNER IN CLAWS



- 8 Regional Hubs established
- CLAWS Hub awarded US \$39.4M for development work in FY24



AU\$2.6M

Contract awarded to BluGlass for initial core development. To be refreshed in September '24



Five-year program established to accelerate the Lab-to-Fab transition & produce microchips at scale



Strategic alignment with our advanced roadmaps to deliver next gen materials processing, sensing, quantum applications, and critical defence capabilities

CLAWS HUB LEAD & MEMBERS

LEAD

**NC STATE
UNIVERSITY**

MEMBERS

ADROIT MATERIALS

BLUGLASS

COHERENT



kyma
technologies



**NORTH CAROLINA
AGRICULTURAL AND TECHNICAL
STATE UNIVERSITY**

Wolfspeed

2024

CUSTOM PROJECTS SPEED PATH TO PROFITABILITY



Large custom laser projects are a key commercial strategy pillar; provide path to profitability



Won commercial partnership as CLAWS Hub member as part of \$238M Microelectronics Commons



Projects provide substantial and recurring revenues and can span multiple years



Complements direct-to-market visible laser offering



Builds reputation as the industry's partner of choice



Fast-tracks and funds advanced roadmaps and next-gen product timelines



Projects to occur alongside scaling GaN laser production & development

Custom projects form a key pillar of commercial strategy and path to profitability

CY24
UPCOMING
MILESTONES

- ✓ Complete vertical integration in Silicon Valley wafer fab
- Ongoing repeat orders from customers
- Integrate commercial packaging, testing & reliability equipment
- Improve yield and reliability performance to increase shipments
- Launch brighter & more efficient lasers in core wavelengths (405-450nm)
- Sign distribution agreements with regional distributors
- Qualify BLG lasers in customer products
- Scale to volume orders, grow revenues
- Demonstrate green lasers
- Demonstrate higher-value multiple-function solutions – multi-chip modules

TIERED CAPITAL RAISE PROVIDES OPERATIONAL RUNWAY TO DRIVE GROWTH



Funds next phase of BluGlass' growth

- BluGlass has had an exceptional year:
 - launched first products
 - growing customer orders & \$2.6M sub-contract with US DoD
 - vertically integrated manufacturing
 - partnered with several industry leaders
- Funds will speed and scale product delivery to fulfil new and existing contracts



Creating value for customers, partners & shareholders

- Executing against clear technical and commercial roadmaps
- Well-positioned to continue positive momentum – applying for specialist contracts through ME Commons, negotiations with other partners on revenue-generating projects, growing customer engagement



Rewards existing shareholders

- Options structure prioritises and creates value for existing shareholders
- Enables loyal shareholders to play an important role in BluGlass' future
- Aims to reduce need for repeated capital raisings and additional shareholder dilution as company scales



Attractive price and generous options

- SPP Offer at 3.7 cents with free short-term attaching option exercisable at 4.6 cents
- Shareholders who exercise option receive bonus piggyback option, exercisable at 6 cents
- Supports company over the short and longer-term to execute on growth strategy and transition to profitability



Significant opportunity in \$2.5B market

- One of only a handful of GaN laser manufacturers globally in a rapidly growing market worth US\$2.5B in 2025
- Approved US commercial supplier of GaN lasers as part of CLAWS Hub
- Significant customer interest in launched laser portfolio and next-generation products
- Working with industry leaders on critical technology for defence, quantum, national security, and biotech applications
- Establishing the company as the supplier-of-choice in a highly constrained market



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THANK-YOU & QUESTIONS

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