



ASX Announcement

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CEO
PETER SNOWSILL

ASX Code: A3D
ACN: 601 164 505

Quarterly Report for Q4 FY21

Highlights:

- Completion of third milestone with exceptionally high power printing capability confirmed. 1.5kW laser printing exceeds known competitor laser power input by significant margins
- Completion of new Research and Corporate Facility. Minister for Innovation and ICT Hon. Don Punch MLA inaugurated A3D's new premises at facility launch post end of Quarter
- Print test work completed with Gränges AB's high-performance aluminium alloys for industrial customer
- Technology Development Pathway progresses to final phase to reach commercialisation readiness

CONTACT DETAILS

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Aurora Labs Limited ("A3D" or "the Company") (ASX:A3D), wishes to provide its quarterly report to shareholders for Q4 FY2021.

A3D has continued to make progress with its Technology Development Pathway, successfully completing its third milestone post quarter end. The milestone, Phase Two Print Parameter Testing, confirmed the technology's capacity for 1.5kW laser power printing. Testing measured the capability of the RMP-1 Beta prototype to print in 316L stainless steel at high power, while maintaining high quality and high build rate.

1.5kW laser power exceeds traditional typical powder bed fusion laser powers of 200-400W and next generation printer laser power levels of up to 1kW. At high power, one A3D scanner unit is capable of higher production rates than known competitor processing. The Company's research indicates that its high quality 316L stainless steel 1.5kW parameters in the RMP-1 Beta prototype 4-laser system will be faster than other commercial 4-laser powder bed fusion printers.

[Click for print video and heat map](#)

The high laser power was achieved while meeting industry quality standards. The print quality compares favourably with published competitor data sheets. [Click here for A3D data sheet.](#)

The Technology Development Pathway is now progressing into its final phase. This will include printing parts for customers to demonstrate the targeted differentiated offering of the suite of technologies under development. Build rate and cost of production benchmarking will also be undertaken with independent, third-party validation as the Company progresses towards Milestone 4.

During the period, the Alpha2 prototype machine printed components in Gränges high-performance aluminium alloysⁱⁱ for an industrial customer. A3D remains heavily engaged with potential customers locally and globally, conducting print assessments to understand their needs and how to solve specific industry problems.

A3D New Facility Launch



As part of the continued delivery of cost savings, the Company moved to a fit for purpose property in Canning Vale. A3D held the official launch event of its new facility on 26 July, with The Hon. Don Punch MLA, Minister for Disability Services: Fisheries: Innovation and ICT: Senior and Ageing, formally opening the premises.ⁱⁱⁱ Guests had the ability to view the RMP-1 Beta prototype printer at work and engage with the A3D team.

Figure 1 The Hon. Don Punch MLA, Minister for Innovation and ICT



Figure 2 The Hon. Don Punch MLA and A3D CEO Peter Snowsill next to RMP-1 Beta Prototype

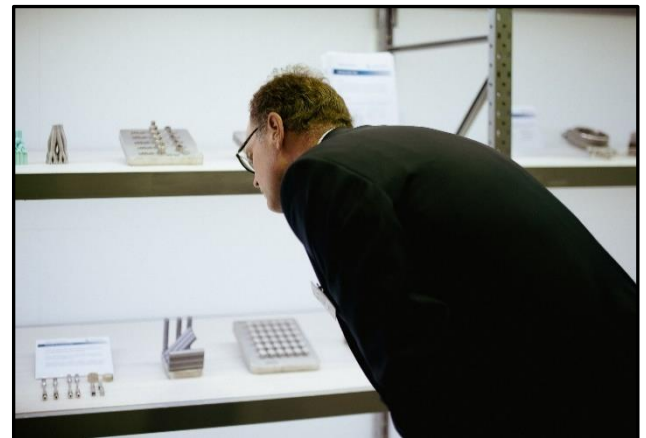


Figure 3 Guest viewing A3D printed parts

CEO, Peter Snowsill commented;

"We are extremely pleased to have achieved the milestone of printing at high power. This achievement demonstrates the distinct commercial advantages of our suite of technologies, confirming our potential to impact supply chains and generate cost savings for future customers.

The team has overcome a range of logistic and technical hurdles to reach this point, not least the move to the new premises and recommissioning the technology. To have reached significant production rate increase without detriment to quality under the circumstances is an excellent achievement.

Local industries are asking for quality parts with complex internal features which can dramatically reduce replacement part lead times, inventory levels, and potentially improve product performance. We continue to address this demand as we progress the final phase of the Technology Development Pathway."



Once the Pathway is complete, A3D plans to commercialise its technology in conjunction with partners and provide cost reduction solutions to industry clients. To this extent, the Company continues to engage with potential partners and end-users, both directly and via AdditiveNow.

Finance and Cash Position

There were no related party payments for the period other than the director fees paid from the approved pool of fees as approved by shareholders of \$68,000.

As at 30 June 2021, the Company's cash at bank and on deposit was approximately \$1.4M.

It is anticipated that the Company will receive an R&D tax rebate payment during the September quarter, subject to Australian Tax Office processing.

Ends

Approved for release by the Company's Board of Directors.
For further information, please contact: Grant Mooney, Chairman & Company Secretary
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ABOUT AURORA LABS

Aurora Labs Limited ("the Company"), an industrial technology and innovation company that specialises in the development of 3D metal printers, powders, digital parts and their associated intellectual property.

Aurora Labs is listed on the Australian Securities Exchange (ASX: A3D)

FORWARD LOOKING STATEMENTS

This announcement contains forward-looking statements which incorporate an element of uncertainty or risk, such as 'intends', 'may', 'could', 'believes', 'estimates', 'targets' or 'expects'. These statements are based on an evaluation of current economic and operating conditions, as well as assumptions regarding future events.

These events are, as at the date of this announcement, expected to take place, but there cannot be any guarantee that such events will occur as anticipated or at all given that many of the events are outside Aurora's control.

Accordingly, Aurora and the directors cannot and do not give any assurance that the results, performance or achievements expressed or implied by the forward-looking statements contained in this announcement will actually occur.

For further information, please contact: enquiries@auroralabs3d.com

ⁱ Refer ASX Announcement 26 July 2021 "Completion of Third Milestone"

ⁱⁱ Refer ASX Announcement 17 June 2021 "A3D Resumes Customer and Technology Development Printing"

ⁱⁱⁱ Refer ASX Announcement 27 July 2021 "Official opening of New Facility"