



# ASX Announcement

## CORPORATE DIRECTORY

Chairman  
PAUL KRISTENSEN

Founder, Managing Director  
DAVID BUDGE

Business Development and Marketing Director  
NATHAN HENRY

Non-Executive Director  
MEL ASHTON

Non-Executive Director and Company Secretary  
MATHEW WHYTE

## FAST FACTS

Issued Capital: 88.6m  
Quoted Options: 3.7m  
Unquoted Options: 2.8m  
Market Cap: \$32.0m  
Cash: \$4.8m  
(As at 31 March 2019)

## CONTACT DETAILS

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**ASX CODE: A3D**  
**ACN: 601 164 505**

## Launch of Rapid Manufacturing RMP1 Beta Printer

### Highlights:

- Aurora powers up its fully operational RMP1 Beta Printer
- Commissioning, testing and parameter development begin
- Preliminary discussions engaged around potential sale of RMP1 Beta Printer
- Actively seeking pre-order commitments from interested industry partners and others

### RMP1 Beta is operational

Aurora Labs Limited ("Aurora" or "the Company") is pleased to announce that it has achieved a significant milestone in the Company's commercialisation process finalising the build and first live test of its pre-production RMP1 Beta Printer.

The RMP1 Beta Printer is a pre-production machine which will be almost identical in operation to the Company's final production line machines, with the exception of improvement and changes that come from feedback from customers. The production version of RMP1 will be commercially available in CY2019.



RMP1 Beta Printer

### RMP1 Beta Printer a Significant Upgrade

The RMP1 Beta Printer is significantly more sophisticated than any previous machine that Aurora has built. The print bed is 450 mm x 400 mm and can print parts 10 times the volume of the Company's previous test machine (Alpha2 printer). In addition, the machine has 3 x the processing capacity of the Alpha2 printer.

### Commissioning testing and parameter development begin

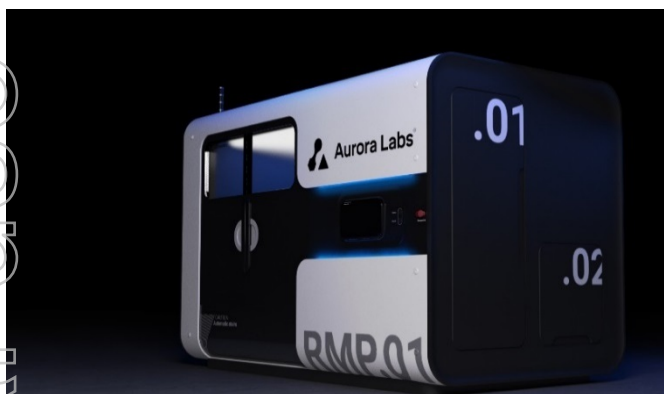
The machine is now functional with all primary sub-systems operating. The next step is for Aurora to commission and test the printer. This process will encompass machine calibration, printing test and production of sample parts.

For personal use only

Parameters for the initial print materials have already been developed on the Alpha machines and will only require minimal testing for the RMP1 Beta Printer to allow rapid commercialisation. After commissioning Aurora will be holding an open day to invite Industry partners, investors and key players from the AM industry to view the remarkable technology in action.

Along with the upgraded design, these tests, if successful, will prove the expected significant speed increase of the RMP1 Beta printer over the Alpha 2. This is a major milestone in Aurora's development process, with the RMP1 Beta Printer enabling the Company to be one step closer to full commercialisation.

To reflect the technological uniqueness of the RMP1 Beta Printer, the Company engaged an industrial design firm to create a modern design, fit for purpose reflective of the cutting-edge advantage from using Aurora's 3D printer. Now that the mechanics of the RMP1 have been proven to this phase, the designers will complete the industrial designs for the enclosure of the RMP1 Printer.



RMP1 Beta Printer

#### **Preliminary discussions engaged around potential sale or lease of RMP1 Beta Machine**

A number of options are available to Aurora once the machine has gone through the current calibration and parameter testing process. These include sale of the machine to an industry partner.

Ongoing preliminary discussions are underway around the potential sale of the RMP1 Beta Printer to one of the Company's industry partners.

At this stage Aurora's preferred approach is for a sale that locks the user into purchasing Aurora powders for the life of the machine. Use of Aurora's powders is an integral part of the Company's printing ecosystem ensuring production of quality parts.

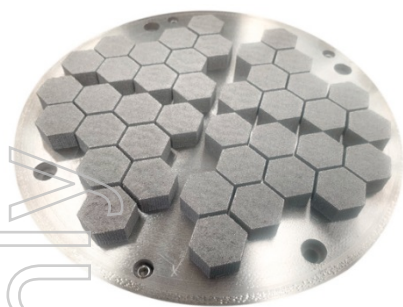
#### **Actively seeking commitments to purchase from interested industry partners and others**

The Company places a huge emphasis on industry partnerships as a means for future growth and has been in ongoing conversations with various parties, as part of its sales pipeline, and in parallel with ongoing discussions that have come out of its industry partner program.

Aurora is actively following up with numerous potential interested parties with a view to securing pre-orders for future machines. Interest level at recent tradeshows including AMUG in the US have been extremely high and the Company is confident in its ability to generate sales from the machine.

#### **Managing Director, David Budge, commented:**

"The fact that the RMP1 Beta Printer is operational is a key milestone for the team here. Developing and refining our technology has been long in the making and the RMP1 Beta Printer is now built and ready to go live. We are transitioning from a heavy R&D phase with the RMP1 Beta Printer and we will now be able to move to a commercialisation and sales stage much more strongly with the technology we have developed.



*Titanium hexagonal shapes,  
printed in 20 minutes on Alpha 2, using  
the Multilayer Concurrent Printing process*

"We have prioritised optimising speed increases and print quality which are key pillars of the Aurora strategy, and the team has made substantial progress achieving speed increases throughout the last few months, resulting in the print of a series of 10mm high, titanium hexagon parts in a timeframe of only 20 minutes. This was particularly notable as numerous industry parties commented on the speed of the machine and the fact that machines they are currently using would take 2-3 days to achieve a similar result.

"We are also encouraged by the expressions of interest received from multiple parties for the RMP1 Beta Printer and look forward to updating the market with Aurora's developments ahead."

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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).

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## ABOUT ADDITIVENOW™

AdditiveNow is an incorporated joint venture between A3D Holdings Pty Ltd (a member of the Aurora Labs group of companies) and WorleyParsons Services Pty Ltd (a member of the WorleyParsons group of companies). It is operated through AdditiveNow Pty Ltd (ACN 630 628 134) and AdditiveNow Holdings Pty Ltd (ACN 630 609 068). This document was prepared by Aurora Labs. None of AdditiveNow Pty Ltd, AdditiveNow Holdings Pty Ltd or WorleyParsons Services Pty Ltd takes any responsibility or liability for the statements contained in this document."

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## 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:

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