Aurora Labs®
Empowering Industry to Revolutionise Manufacturing

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ASX Announcement

CONTACT DETAILS

U2/79 Bushland Ridge,
Bibra Lake, WA
AUSTRALIA 6163

enquiries@auroralabs3d.com
t. +61 (0)8 9434 1934
auroralabs3d.com

ASX CODE: A3D

ACN: 601 164 505

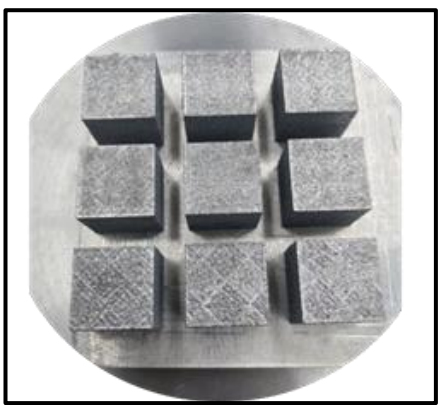
Aurora Completes Successful NRE-1 Research Project with Gränges Powder Metallurgy

Highlights:

- Non-recurring engineering research project (NRE-1) test results favourable to continued investigation
- Characterisation of sample parts indicates high likelihood of viability for Gränges powders in AM applications
- A3D and Gränges agree to hone next stage of research towards commercial outcomes

Aurora Labs Limited ("A3D" or "the Company") (ASX:A3D), is pleased to provide an update to shareholders on its NRE-1 research project with Gränges Powder Metallurgy. The intention of the project was to explore the material properties of sample parts printed with specialist aluminium alloy powders and establish the likelihood of those powders having successful applications in powder bed fusion additive manufacturing (AM).

During the project, A3D has studied metallurgical coupons printed with two Gränges aluminium alloy powders and developed comprehensive material characterisations of the samples produced. The samples were subjected to internal A3D testing, delivering favourable results. Following this, Gränges conducted a full range of material property testing, the outcomes of which are encouraging for further development work. The parties will be investigating printing specific parts utilising the tested alloys for existing Gränges customers.



Tensile bars and cubes printed on Alpha2 prototype

Gränges Powder Metallurgy Commercialisation Supported

In October 2020 Gränges announced the acquisition of GETEK GmbH to establish a new business unit, Gränges Powder Metallurgy, creating a platform for growth in the metal powder materials market. The completion of NRE-1 adds confidence to Gränges' strategy to commercialise its specialised recycled aluminium materials for use in the AM space.

Gränges Powder Metallurgy Vice President and Managing Director, Filip Fernqvist said;

"The NRE-1 project with A3D has been a success for Gränges Powder Metallurgy. We have proved the printability of some of our high-performance aluminium powders for Laser Powder Bed Fusion on the A3D machines. This is an important milestone in our journey to become the leading aluminium alloy developer and producer for additive manufacturing powders. In addition, we are very happy with the collaboration with A3D, which proved to be a professional and responsive partner for our research project.

Project Enhances Rapid Manufacturing Technology Capabilities

During NRE-1, A3D was able to explore the proficiencies of its Rapid Manufacturing Technology (RMT) using the unique Gränges aluminium materials, concurrent with recent parameter testing and upgrade work. The project has strengthened the team's understanding of the evolving technology, including powder management system development. The ability to adapt to print in specialised alloys is key to accessing important materials markets. Modifications were applied to the printer in response to testing throughout the duration of the project. This is a valuable process for the team and reinforces the strong innovation culture at the Company.

A3D Chief Executive Officer, Peter Snowsill said;

"We are extremely pleased to have completed NRE-1 in a position to discuss further investigations with Gränges. It's encouraging to see our technology performing in a specialised body of work that ultimately could lead to the commercialisation of a value adding process and product for Gränges. The insights the team have gained into the behaviour of our own technology are invaluable as we continue work on the RMP-1 Technology Development Pathway. We appreciate the forward thinking at Gränges and welcome opportunities for working with them further."

Ends

Approved for release by the Company's Board of Directors.
For further information, please contact: Peter Snowsill, Chief Executive Officer
+61 (0)8 9434 1934 or by email enquiries@auroralabs3D.com

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)

ABOUT Gränges AB

Gränges is a leading global supplier of rolled aluminium products for heat exchanger applications, speciality packaging and niche markets. In materials for brazed heat exchangers Gränges is the global leader with a market share of approximately 20 per cent. The company develops, produces and markets advanced materials that enhance efficiency in the customers' manufacturing process and the performance of the final products. The company's geographical markets are Europe, Asia and the Americas with production facilities in all three regions and a total annual capacity of 560,000 metric tonnes. Gränges has 2,400 employees and net sales of SEK 13.5 billion. The share is listed on Nasdaq Stockholm.

More information on Gränges is available at www.granges.com

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