



Aurora Labs[®]

CEO Presentation: Peter Snowsill
Annual General Meeting
November 2020

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ADVANCING THE PLAN

A targeted technology pathway with a customer-centric approach led by experienced Board and delivered by a focused technical team.

1. **Technological advantage** – breakthrough additive manufacturing (AM) technology in development is expected to deliver market leading manufacturing speed and performance, leading to a reduction of the cost of printed parts and improvements in customer productivity. *High power, high quality printing demonstrated.*
2. **Proven capabilities and credentials** – recently confirmed CEO and newly formed Board with specific experience in commercialisation to deliver well-developed technology pathway plan to reach commercial readiness. *Technology development progressing & working capital in place.*
3. **Go to market strategy leveraging strategic partnerships** – targeting potential JVs and licensing opportunities to reach commercial success. *Engagement ongoing across relevant industry sectors.*
4. **Large market for AM**– rapidly growing AM market worth \$12b. A3D is currently targeting heat exchangers, automotive parts and oil & gas / mining equipment.

A3D expects successfully concluding the technology pathway to add significant value to shareholders.

RMP-1 TECHNOLOGY DEVELOPMENT

Developing the flagship RMP-1 technology to commercial readiness and securing strategic partners within 12 months

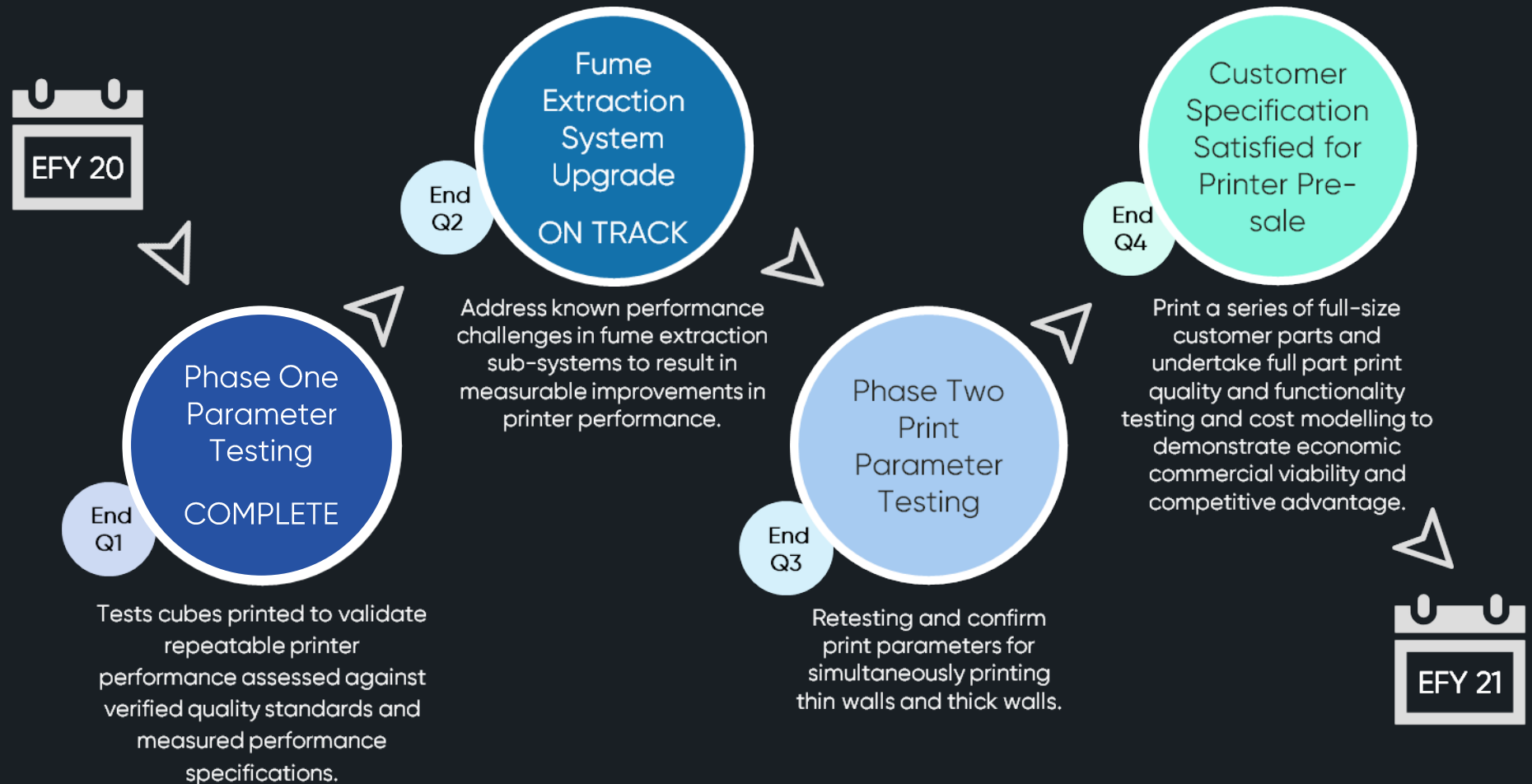
The pathway will allow us to:

- 👤 Demonstrate full-range of RMP-1 capability through comprehensive testing and system improvement program.
- 👤 Verify RMP-1 performance through printing of customer parts to meet quality, functionality and cost of production targets.
- 👤 Achieve commercial readiness based on RMP-1 pre-sales from specific customers.



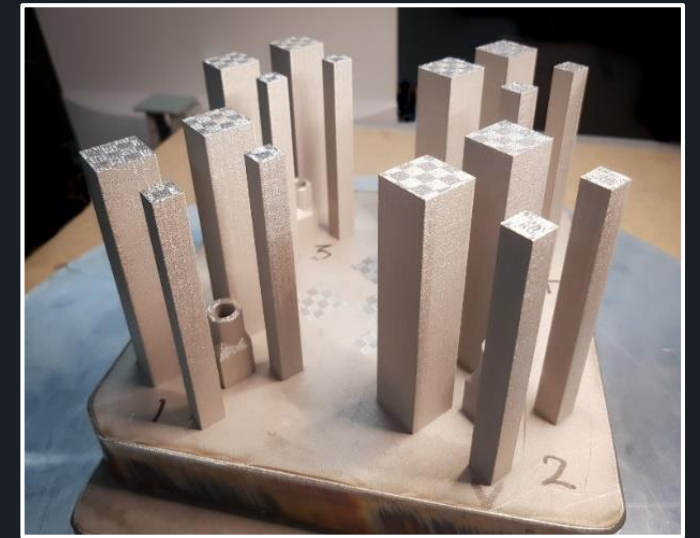
The RMP-1 Beta is printing customer parts during development

RMP-1 TECHNOLOGY DEVELOPMENT PATHWAY



PHASE ONE PARAMETER TESTING

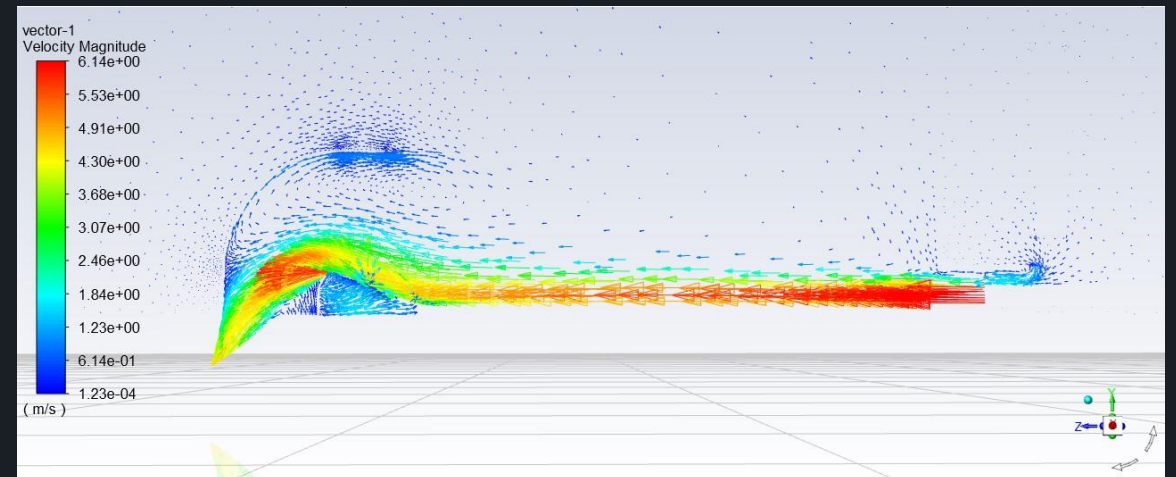
- 🔧 316L Stainless Steel prints produced consistently with a density greater than 99% across full laser power range
- 🔧 Material properties compliant with ASTM standard requirements for tensile strength, elongation, yield strength and reduction of area verified by 3rd party NATA certified laboratory
- 🔧 High power, high density printing outcomes demonstrate capability of Rapid Manufacturing Technology



Tensile bars printed in 316L Stainless Steel

FUME EXTRACTION UPGRADE

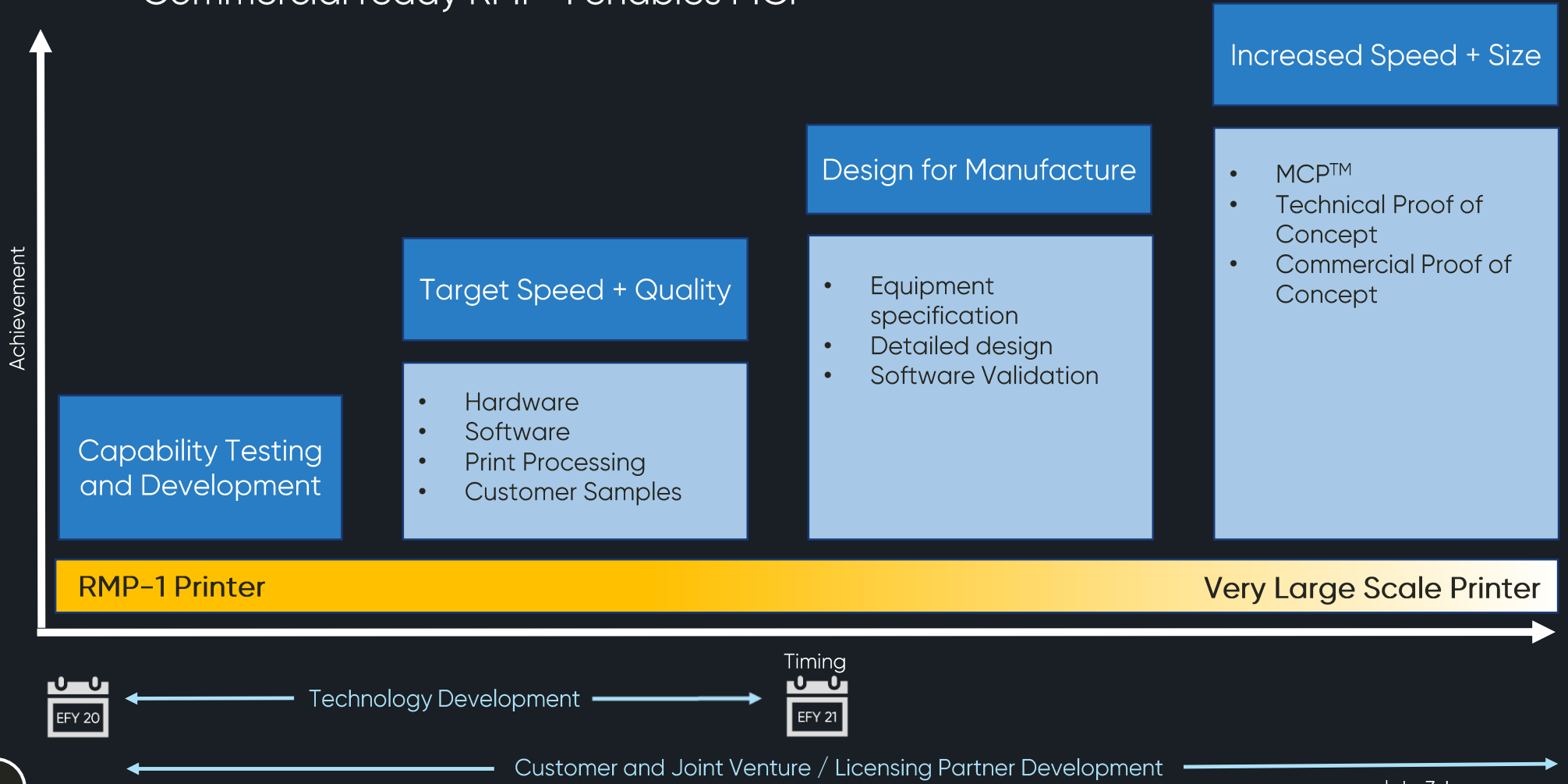
- 🚧 Fume extraction upgrade project on track for completion by end of Q2
- 🚧 Major equipment has arrived for upgrade work
- 🚧 Design + procurement for installation in hand
- 🚧 Shutdown for installation is scheduled for beginning of December
- 🚧 System commissioning and testing will commence immediately following install



Gas Flow CFD Analysis

TECHNOLOGY ENABLERS

Commercial ready RMP-1 enables MCP



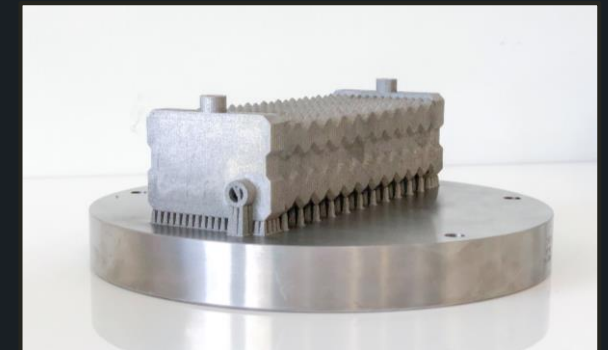
COMMERCIALISATION STRATEGY

Customer driven JV and licensing approach

- 👤 Work directly with major industry players with capacity for RMP-1 printer manufacture, sales and distribution.
- 👤 Lower capital, operational cost base in sales & marketing, printer manufacturing and ancillary technology divisions.
- 👤 Faster path from commercial readiness to product sales.
- 👤 Partners have established sales channels to leverage from.
- 👤 Engagement with potential customers and commercialisation partners commenced.



Hydro pulper printed in 316 stainless steel



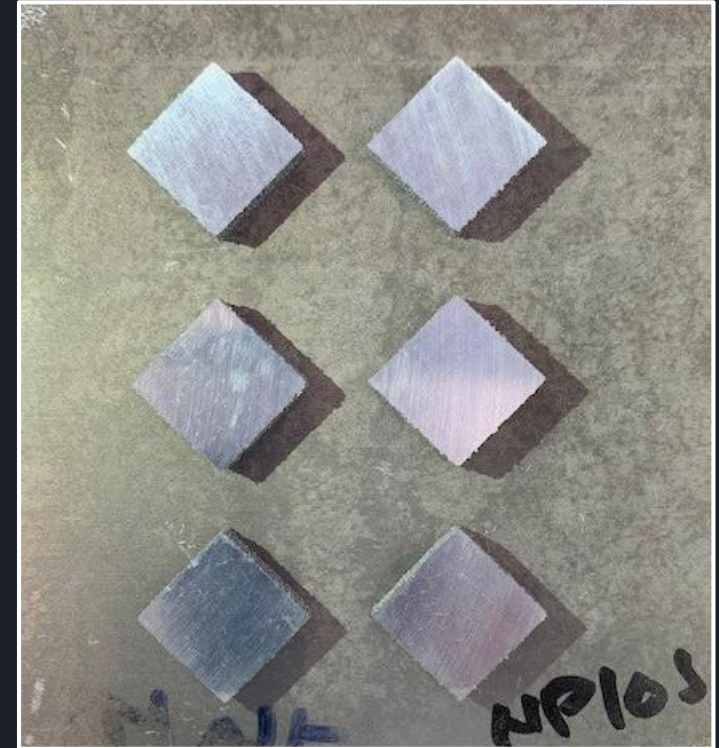
Heat exchanger printed in Ti6Al4V

Gränges

Gränges Powder Metallurgy newly formed business unit focused on powder materials and additive manufacturing

- 🔗 A3D's current research project with Granges ongoing
- 🔗 Parameter development to characterise first Gränges alloy powder within Aurora's printers to be completed and report submitted by the end of Q2
- 🔗 Testing to commence on next alloy by end of Q2

www.granges.com



Granges metallurgical test sample

AdditiveNow

AdditiveNow designs, produces and deploys complex components for energy, chemical and resources operators.

- 👤 50/50 JV between Aurora and Advisian Digital (Worley Limited).
- 👤 AdditiveNow is currently reverse-engineering, optimising and printing parts for clients.
- 👤 Ongoing sales of parts are usually a precursor to sales of machines. This is a well understood process in the print bureau industry and a pathway to market for A3D.

AdditiveNow is a joint venture of Advisian Digital, the data science, software and technology business of Worley Limited (Worley), global provider of professional project and asset services, and Aurora Labs Limited.

www.additivenow.com



Consultation



Engineering



Short Run Production

A3D FOCUS



Technological advantage

High power, high quality printing; increased print process speed & technology scale-up



Proven capabilities and credentials

Technology Development Pathway progress on track & working capital in place



Customer-centric approach with strategic partnerships

Customer demand driven printing including AdditiveNow & Gränges and early partner engagement for JV/licensing commercialisation business model



Large 3D printing market

Capitalise on growing \$12b global AM market with focus on heat exchangers, automotive parts, aerospace parts and spare parts in oil & gas and mining

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