

Aurora Labs[®]

Multilayer Concurrent Printing (MCP)

AGM Presentation by

David Budge CEO

Aurora Labs Ltd

30 November 2018



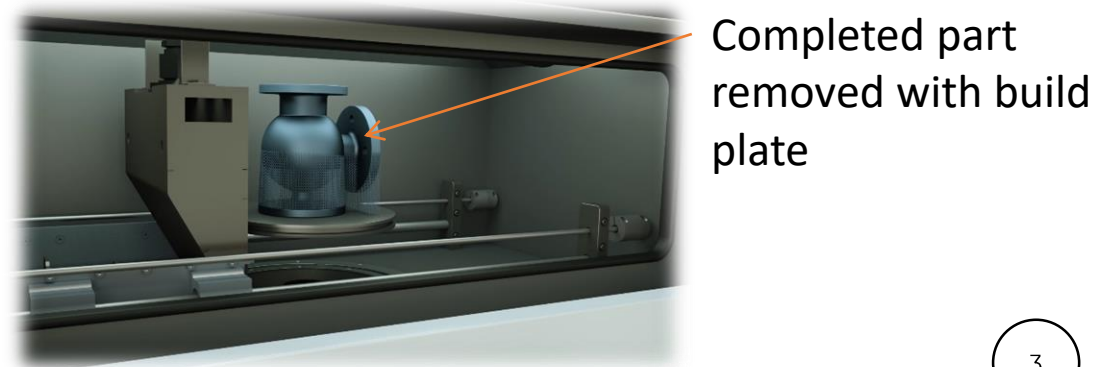
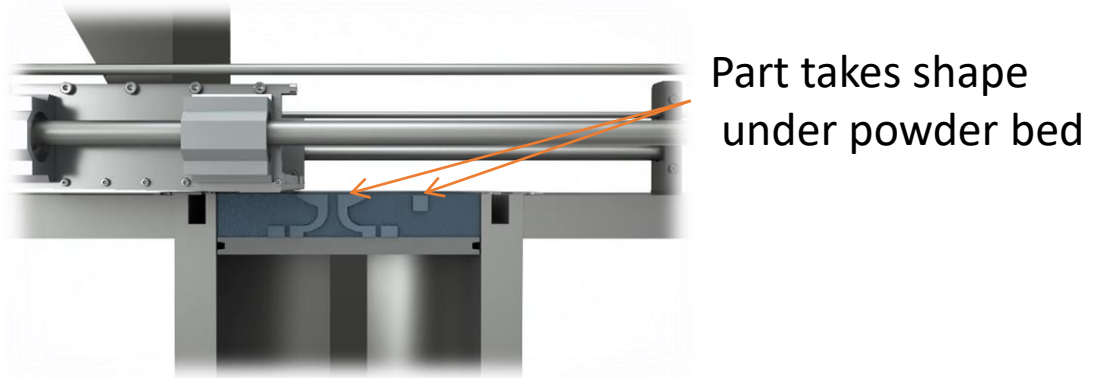
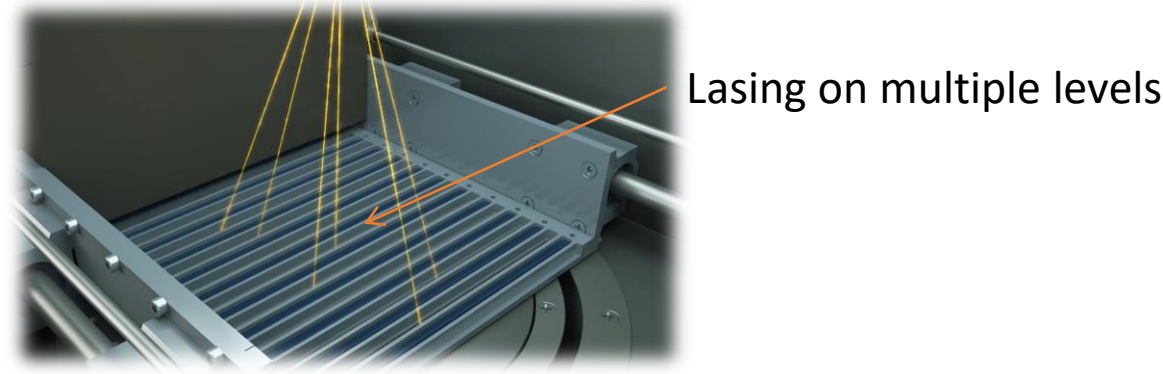
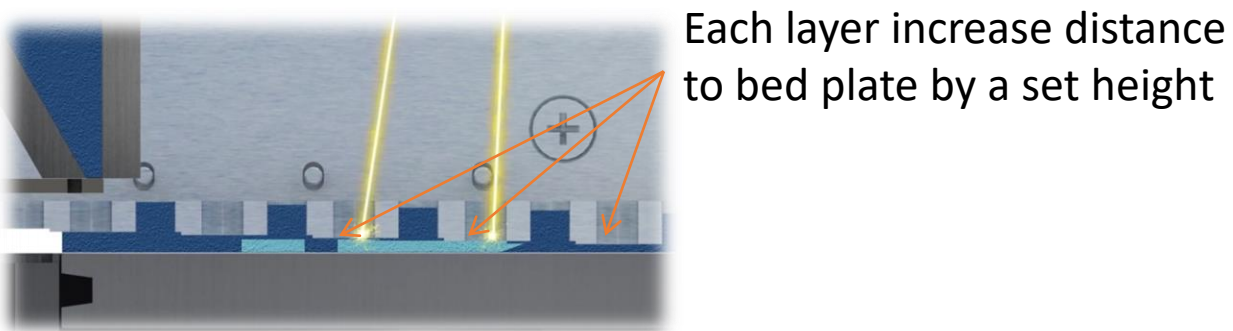
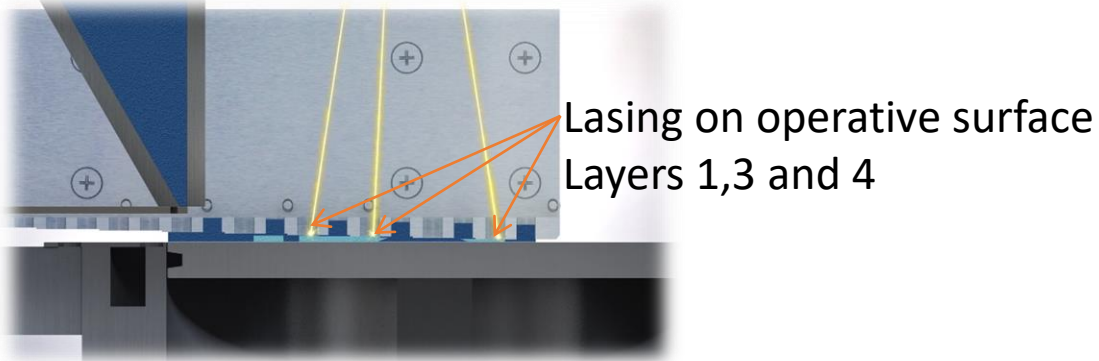
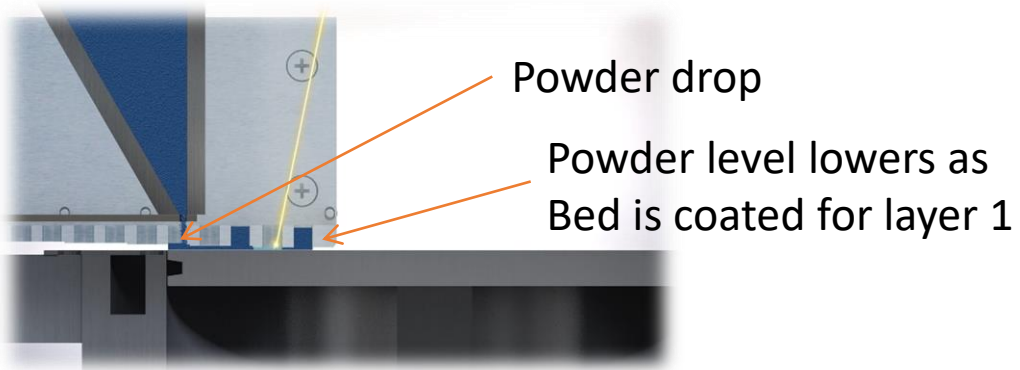
Aurora Labs



H
Halle 3.1

View CEO David Budge's Formnext presentation video here:
https://auroralabs3d.com/#!media/videos/20181130_01







A revolution in the high speed mass production of complex metal parts.

- Rapid Manufacturing Technology (RMT) commercially **available in 2019**
- Order of magnitude increase in printing speeds
- Large format version of RMT planned with 2.5m x 1.5m x 1m build volume – world’s largest



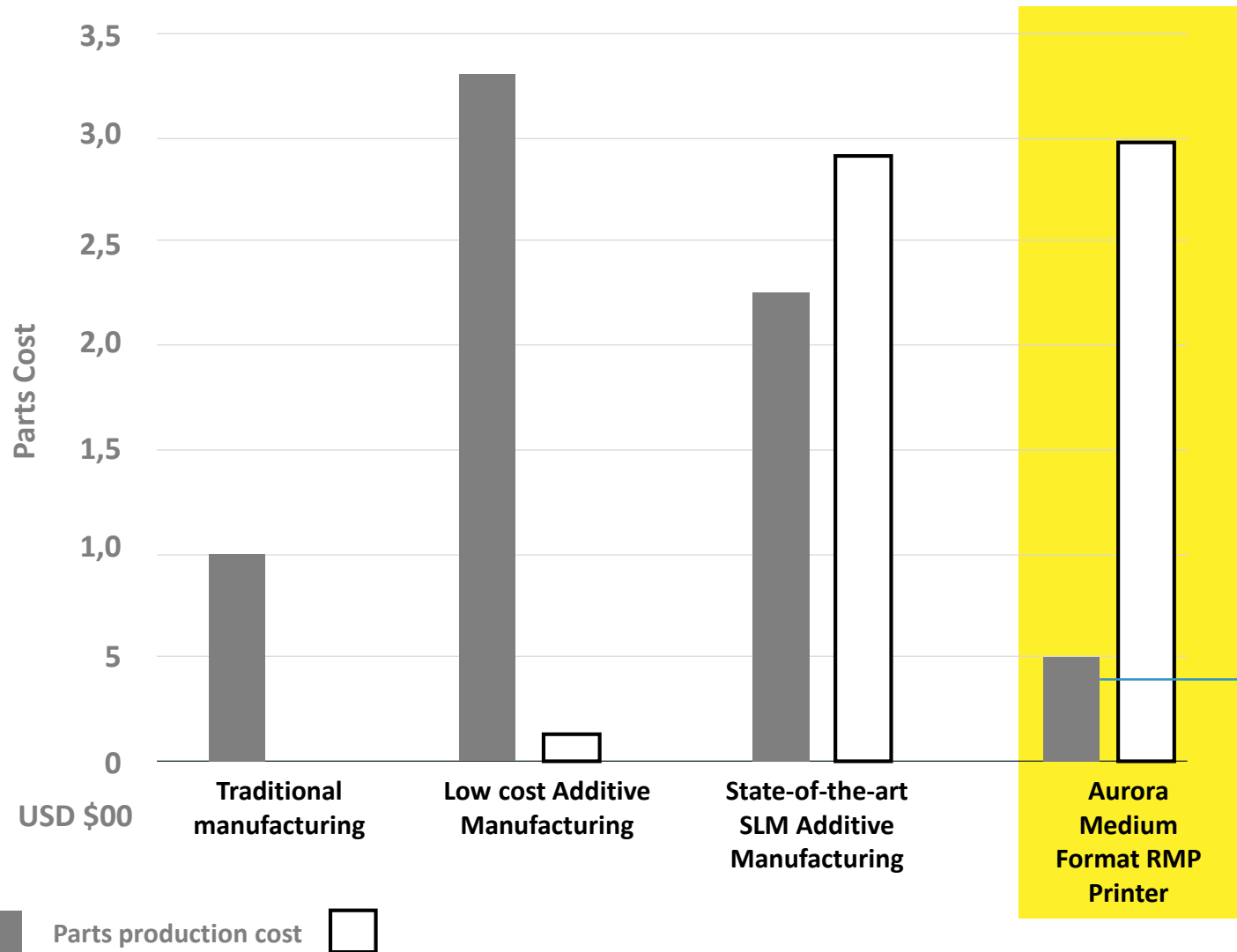
All parts printed on Alpha RMT printer



Turbine fuel mixer printed on Alpha RMT printer



The cost equation



- Order of magnitude increase in production speed
- Leads to an order of magnitude drop in cost of parts

$\frac{1}{2}$ the cost
of traditional manufacturing



A COMPLETE PRINTING ECOSYSTEM

Powder Production

- Developing production processes for AM quality, at much lower costs than current methods with higher production capacity.

Software

- Developing powerful software to manage designs and printers for optimised printing

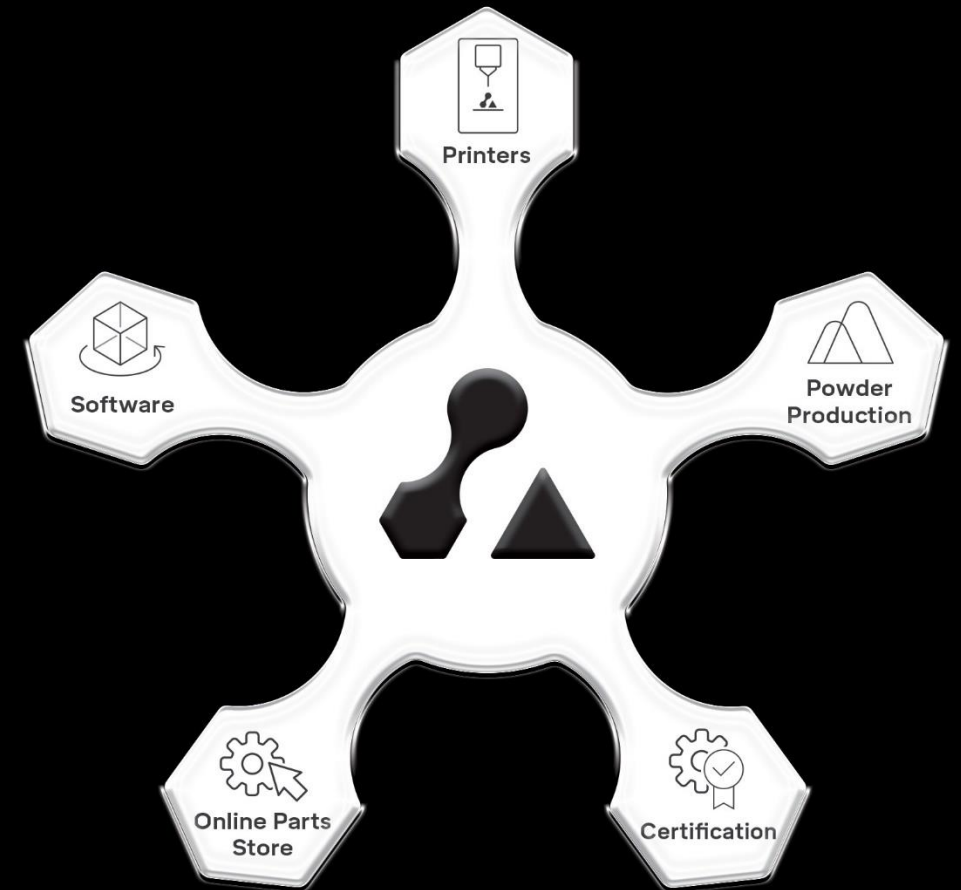
Certification

- Building process to allow download of a certified part design with DNV-GL the world's largest classification company

Online Parts Store

- Developing an online store for purchasing vetted digital designs to download directly to the printer for manufacture

Aurora's aim is to transform how metal parts and products are manufactured.



Who is **AdditiveNow**?

AdditiveNow uses **Aurora Labs**' rapid manufacturing metal 3D printing technology along with engineering expertise from **Advisian Digital** to design, produce and deploy complex components **for energy and resources operators.**



Advisory



Design



Print to
Qualify



One-off/short
run production
printing



Advisiandigital

WorleyParsons Group

+



Aurora LabsTM