

INVESTOR BRIEFING WEBINAR

AML3D (ASX:AL3), a global provider of large-scale metal additive manufacturing technology and solutions, is pleased to release a new investor presentation that will be presented by AML3D's new CEO Ryan Millar at the investor briefing webinar to be held today at 13:30 AEDT.

ENDS

For further information, please contact: investor@aml3d.com

This announcement has been authorised for release by the Board of AML3D.

About AML3D Limited

AML3D Limited, a publicly listed technology company founded in 2014, utilises new technologies to pioneer and lead metal additive manufacturing globally. Disrupting the traditional manufacturing space, AML3D has developed and patented a Wire Additive Manufacturing (WAM®) process that metal 3D prints commercial, large-scale parts for Aerospace, Defence, Maritime, Manufacturing, Mining and Oil & Gas. AML3D provides parts contract manufacturing from its Technology Centre in Adelaide, Australia, and is the OEM of ARCEMY®, an industrial metal 3D printing system that combines IIoT and Industry 4.0 to enable manufacturers to become globally competitive.



AML3D®

Introducing Ryan Millar, AML3D CEO and Business Update

October 2022

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Agenda

- Leadership & Investment rationale
- Business & Market Opportunity
- AML3D Technology Advantage
- FY2022 Results & Achievements
- Summary & Outlook

Highly Skilled Management Team

Enhanced by the appointment of Ryan Millar as CEO

Realising the growth strategy



Ryan Millar
Chief Executive Officer

Ryan has over 18 years of executive leadership experience, including developing high-performance scale-up businesses locally and in international markets. Ryan was previously CEO of ESSI Group and holds an MBA from the Australian Graduate School of Management.

Objective: Drive next phase of AML3D's growth by leveraging track record of expanding existing revenue streams, building recurring revenue, managing costs and commercialising IP.

Track record

ESSI Group (2017 – 2022)

- 2021 EBIT growth of 300% - revenue growth of 70%
- Developed, commercialised and spun-out algorithm IP into a new, software business
- Responsible for driving M&A activity working closely with Private Equity

MOQdigital (2015 – 2017)

- Key part of a team that grew revenues from ~\$30M to \$55M+ in FY 2017
- Major client wins - Mortgage choice, Toga Group
- Commercialized IP to create new revenue streams

Hewlett Packard Asia Pac & Japan (2013 – 2015)

- Turn around from loss making in FY14 to profitable in FY15
- Major client wins - Telstra, Westpac, National Australia Bank, MOD Japan, Panasonic, NEC
- Winner, HP Global Vice President Award for leadership, initiative and overall impact

Supported by an experienced leadership team



Andrew Sales
Chief Technical Officer

Founding director of AML3D. A Chartered Engineer and expert in welding technology with 30 years of global experience within the oil & gas, resources and mining, and advanced manufacturing sectors.



Kerrye Owen
VP of Global Sales

Kerrye brings over 22 years of international sales and business development experience to AML3D, gained at several leading global companies such as Gartner, EY and most recently, GE Digital.



Experienced Board with broad and global skillsets

Enhanced by appointment of Noel Cornish as Chairman



Noel Cornish AM

Chairman, Non-Executive Director

Noel Cornish AM is one of Australia's foremost business leaders. Currently Non-Exec Director & Chair of IMB Bank, Chair of Hunter Valley Coal Chain and Non-Exec Director of University of Wollongong Global Enterprises. Noel is a Fellow of the Australian Institute of Company Directors.



Sean Ebert

Non-Executive Director

Sean has over 25 years of executive and board level experience within the engineering sectors of oil and gas, mining and resources and emerging technologies in Australia and internationally.



Leonard Piro

Non-Executive Director

Former Deputy Chief Executive of the SA Department of Trade and Economic Development, Executive Director Manufacturing and Chief Executive Automotive Industry Transformation Taskforce.



Andrew Sales

Executive Director, CTO

Founding director of AML3D. A Chartered Engineer and expert in welding technology with 30 years of global experience within the oil & gas, resources and mining, and advanced manufacturing sectors.



Christine Manuel

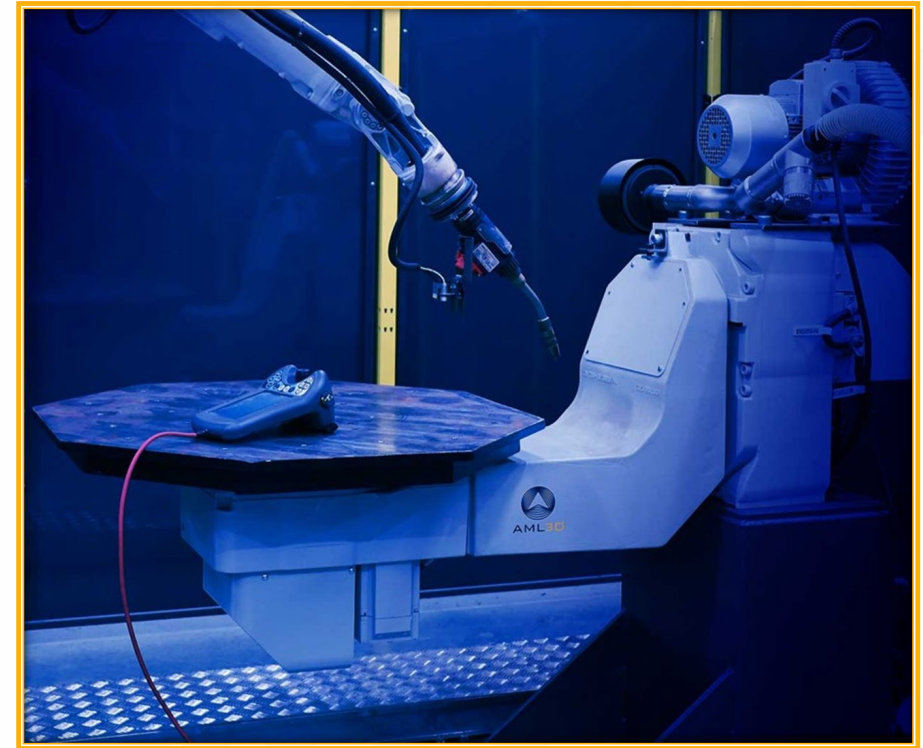
Company Secretary

Christine held Company Secretary and executive roles in a range of entities over more than 20 years. Christine was formerly Company Secretary of Santos Group and People's Choice Credit Union.

Investment thesis

A technology enabled, disruptor of the metal manufacturing industry

- **Proprietary, Industry 4.0 Wire Additive Manufacturing technology**
- **Creates significant value to customers in industrial scale 3D printing**
- **Multiphase growth strategy**
- **Well positioned in the fast growth, high tech, advanced additive manufacturing market**
- **Global market opportunity**



FY2022 – Product Highlights

\$2 million of FY2022 revenues from Arcemy® sales and contract manufacturing

ARCEMY® systems

Arcemy® systems successfully installed at:

- RMIT
- University of Queensland
- BAE/Flinders University 'Factory of the Future'
- ST Engineering, Singapore

Contract Supply Agreements

- Approved supplier to and have delivered multiple parts to ThyssenKrupp
- Supplied several components to a significant Oil & Gas Tier 1 in WA
- Done significant work for a major Australian energy company
- Successful tenders in for several high value projects
 - World's largest 3D printed pressure vessel
 - Structural test parts for global aerospace company

Research & Development

- World's first and only WAM technology to be DNV and Lloyds Register certified
- Final stages prior to being granted EU and USA patents for our WAM® technology
- Announced partnerships with Deakin University and IFM which are ongoing around integrating Boron Nitride Nanotubes (BNNT) into Aluminium; and Aluminium Scandium wire feedstock
- Partnership with BAE Systems and Flinders University on advanced shipbuilding technologies



FY2022 – Target Market Highlights

Oil & Gas, Energy, Defence, Marine and Aerospace



Oil & Gas

- Repeat parts manufacturing contract for Thyssenkrupp
- World's first 3D printed pure titanium plunger for Baker Hughes
- Maritime products successfully verified by Lloyd's Register



Defence

- Contract to print a 500kg aluminium nozzle
- Trials of next generation titanium body armour
- AML3D in-house program for high performance ballistic resistance components – recent successful test results of +90%. AML3D IP/product.



Aerospace

- North American Aerospace contract to print specialised, high strength alloy prototype
- Development of relationship with major aerospace company (US)



Maritime

- A 1.5 tonne, WAM® printed, Panama Chock received DNV verification, creating marine opportunities
- Joint research programs with BAE Systems on advanced shipbuilding technologies





Business and Market Opportunity

Multiple revenue and growth horizons

AML3D WAM® technology delivers high value manufacturing solutions

Contract manufacturing

- Design, prototype, testing and manufacturing at scale, on a fee-for-service basis

Arcemy® systems

- Supply, support and servicing Arcemy® units
- Generates software licensing and support and training contracts
- Enable cost and time effective in-house industrial 3D metal printing at point of need
- Tiered model from entry level educational Arcemy® systems to full service, large, global, tier 1 customer and Government contracts

R&D

- Continual development of the WAMSoft® software
- Design, prototype, testing new, exotic materials to deepen existing manufacturing capability and access new sectors and applications



Market opportunity

WAM[®] technology is market leading in the large-scale metal additive manufacturing

Expected growth rates in Additive Manufacturing (AM) markets

- **3D Metal Printing:** CAGR of ~24% to \$738.8m by 2025 ¹
- **Metal AM:** CAGR of ~22% to US\$7.19b by 2025 ²
- **Global AM:** CAGR of ~30% to US\$78b by 2028 ³

Expected growth across AML3D's primary markets

- **Aerospace & Defence:** CAGR ~20% to US\$13b by 2028 ⁴
- **Oil & Gas:** CAGR ~20% to US\$48b by 2026 ⁵
- **Marine Vessel Market:** CAGR ~1.5% to US\$188.6b by 2028 ⁶

Key Target Markets by Metals and Product Summary ⁷

Industry	Product Focus	Market size by 2027 (US\$M)
Aerospace	Invar tooling	642
	Pump components	10,189
Oil & Gas	Fittings (hi-pressure fittings & flanges)	1,568
	Valve casings, pressure vessels and high pressure equipment (incl. subsea & wellhead equipment)	8,410
Maritime	Bulk structures & components, propeller blades	7,384

¹ BIS research. Global Metal 3D Printing Market, Focus on Type, Application, and Country Level Analysis – Analysis & Forecast, 2019-2025

² TechNavio, Metal Additive Manufacturing Market by Application and Geography – Forecast and Analysis 2021-2025, 2021

³ Market Research, Global Additive Manufacturing Market and Technology Forecast to 2028, released July 2020

⁴ Fortune Business Insights, Aerospace & Defense Additive Manufacturing Market, 2022

⁵ Oil and Gas Analytics Market Demand & Opportunity Outlook, 2022

⁶ Fortune Business Insights 2021-2028, Report ID: FBI10269

⁷ Smartech Analysis, 2019 Additive Manufacturing Market Outlook and Summary of Opportunities

Key markets for growth

AML3D address multiple sophisticated and geographically diverse markets

- Numerous points of entry into market – end user, OEM
- Continue to develop Energy and Oil & Gas sectors as primary markets by leveraging proven technology and existing commercial relationships with Tier 1 global customers and exploiting our unique certification and compliance to standards
- Progress negotiations and prototyping projects with customers to develop additional and geographically diverse markets across Oil & Gas, Defence, Maritime & Aerospace
- Develop enterprise level solutions for contract manufacturing customers, combining supply and support of advanced 3D metal printers with training, design services and software licensing





AML3D Technology Advantage

Wire Additive Manufacturing – WAM®

AML3D WAM® technology disrupts traditional industrial cast, forged and billet metals



STRONGER

Higher quality components that are up to 30% stronger^{1,2} than traditionally cast or forged parts



FASTER

Up to 75% faster³ than traditional forging and casting without tooling investments



MORE EFFICIENT

Significant waste reduction compared to traditional Billet manufacturing



CERTIFIED

A proven, certified⁴ additive manufacturing process

¹ Independent Testing via NATA accredited lab Intertek show WAM® steel products stronger than forged.

² Independent Testing via NATA accredited lab Intertek show WAM® NiAlCu products have 28% higher ultimate tensile strength and 111% higher ductility than conventional forged components

³ Cunningham et. al. Cost Modelling and Sensitivity Analysis of Wire and Arc Additive Manufacturing shows 69-79% cost reduction compared to Direct Metal Laser Sintering, <https://www.sciencedirect.com/science/article/pii/S2351978917303694>

⁴ Certified through Lloyd's Register, with ISO9001:2015 QMS, AWS D.20 and BizSafe3 compliance.



Summary & Outlook

AML3D – Growth drivers

Generating value over three time horizons

Immediate

- Develop contract manufacturing opportunities with major global customers in the Energy and Oil & Gas, Maritime and Defence sectors
- Sales of Arcemy® systems, WAMSoft® license, servicing and training fees

Medium

- Entry into the US and European markets via client wins
- Target Defence, Maritime, Aerospace and Oil & Gas sectors for enterprise Arcemy® system and additional contract manufacturing opportunities
- Leverage accreditation and certifications, including DNV and aerospace AS9001D:2016

Longer-term

- Scaling through partnerships globally
- Commercialising R&D projects to drive innovation; maintain technology leadership and provide clients flexibility.

AML3D – Creating shareholder value

Disruptive technology with strategic growth plan

Proven, certified, patented technology

delivering better industrial scale metal components in a time and cost-effective manner

Ability to leverage established relationships and contracts to **drive long-term revenues.**

New contracts in Maritime, Aerospace & Defence add **new revenue streams** and geographic markets

Increasing sales of Arcemy® systems create pathway to initiate enterprise level solutions with global customers

Qualified and capable leadership team **driving new business, innovation and value** for customers and ultimately investors





THANK YOU

