

AML3D April 2024 Capital Raising Presentation



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Investment highlights

AML3D presents an attractive opportunity to invest in a company with a strong business model at the forefront of the global wire-based additive manufacturing space

1	World leading supplier of wire-based additive manufacturing technology
2	Participant in the rapidly growing US additive market estimated at US\$7 billion and poised to grow at a CAGR of 20.4% during the 2022-2032 forecast period
3	Proven technology with marquee sales to US Navy and to major participants in the defence supply chain
4	Attractive business model with capital sale and recurring revenue through software, maintenance, support and consumables
5	High growth prospects with international expansion into the US across multiple end-markets
6	Blue-chip distribution partner, Phillips Corporation
7	\$11.9 million of sales booked in CY23

Corporate Overview

AML3D is an ASX listed advanced manufacturing technology firm that combines sophisticated software, advanced robotics and leading-edge metallurgical science

ASX: AL3				
Share Price (02/03/2024)	\$0.070			
Shares on Issue	235,553,713			
Options	18,442,165			
Market Capitalisation	\$16.5m			
Net Cash	\$4.2m*			
Enterprise Value	\$12.3m			





Noel Cornish AM Chairman, Non-Executive Director

Noel Cornish AM is one of Australia's foremost business leaders. Noel has achieved international and Australian business success including roles as President, Northstar BHP LLC in the USA and Chief Executive of Bluescope Steel's Australian and New Zealand businesses.

Sean Ebert Managing 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.

Board of Directors



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.



Peter Siebels Non-Executive Director

Following a thirty year career with KPMG including roles on the Australian National Board and National Executive Committee, Peter has pursued a career in Governance and Advisory, since 2015. Peter has Chaired many Board Committees, including Investment, Finance and Audit, Governance and Nominations and Risk.



Kaitlin Smith Company Secretary

Kaitlin has over 15 years' professional experience as the Company Secretary of several ASX listed companies in a variety of industries. Kaitlin holds a Bachelor of Commerce is a Chartered Accountant and Fellow of the Governance Institute of Australia.

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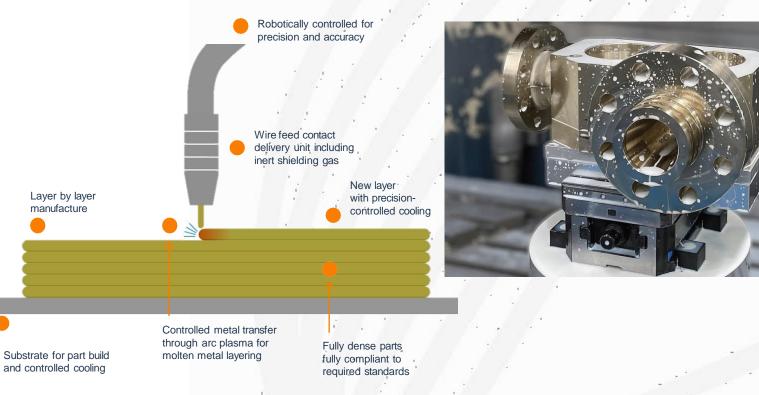
What is AML3Ds Technology



What is Wire-arc Additive Manufacturing (WAM®)?

WAM[®] uses an electric arc to precisely deposit layers of wire feedstock to produce high performing, industrial scale, metal components

- Combines sophisticated robotics technology and cutting edge arc welding science
- WAM[®] process uses precision arc direct energy deposition (DED) to precisely deposit layers of wire feedstock to 3D metal print
- WAM[®] printed industrial scale metal components created to near net shape which is then machine finished
- Uses AML3D's proprietary software and materials database to manage the deposition process



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WAM[®] & ARCEMY[®] Benefits vs Traditional Methods

Patented Wire-arc Additive Manufacturing has many benefits to large-scale and exotic material metal part manufacturers that supply to Aerospace, Defence, Energy, Maritime, and Oil & Gas industries

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Can be manufactured up to 75% faster⁴ than forging or casting without tooling investments.

Stronger

Produces material properties up to 30% stronger² than seen in traditionally cast or forged parts



More Resistant

Up to 50% more resistant³ to metal fatigue for Nickel Aluminium Bronze WAM[®] products



Better Loading

Can test up to 2 times higher¹ than designed working load compared to traditional methods

Less Waste

Has the potential to produce up to 95% in material waste savings⁵ when compared to billet machining.

On-Demand Production: WAM enables on-demand production at the point of need, reducing the \bullet need for maintaining large inventories and reduces Scope 3 emissions.

1 Learn more: https://bit.ly/3ElEaiK 2 Learn more: https://bit.ly/3jiOAVn 3 AML3D internal study. 4 Learn more: https://bit.ly/3Gyhgw0 5 Learn more: https://bit.ly/3YOPCgZ

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Unique Technological Offering

Proprietary WAM® technology is industry leading and enhances the relevance of the 3D metal printing sector

On-demand 3D metal printing (systems)

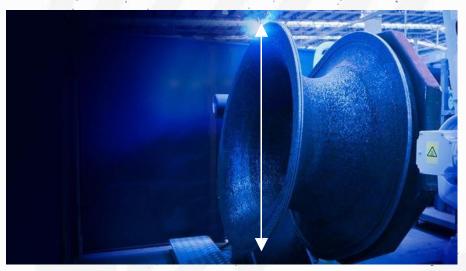
 Using WAM[®] ARCEMY[®] enables customers to metal 3D print parts on demand and close to point of need, While providing a cost and time effective supply chain solution



ARCEMY[®] is a metal 3D printer for medium to large-scale parts

Industrial scale 3D metal printing (parts)

 Proprietary, Industry 4.0 Wire Additive Manufacturing technology for industrial scale 3D metal printing solutions



Marine industry: Panama chock

AML3D Certifications

AML3D is the first Wire-arc Additive Manufacturer service provider to receive both DNV Approval for Maritime Manufacturing and Lloyd's Register Additive Manufacturing Facility Qualification



In 2022, AML3D was the first Wire Additive Manufacturer to receive Approval of Manufacturer for shipbuilding AML3D became the world's first Lloyd's Register certified Wire additive manufacturing

facility in 2018

Achieved ISO 9001:2015

Quality Management System

in 2018



American Welding Society

Compliant with AWS specification for fabrication of metal components using additive manufacturing

Other accreditations in progress include AS 9100D and ISO 45001



ARCEMY® printers commissioned on customer sites can be Lloyd's Register certified, ensuring products manufactured meet global standards.



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AML3D is an ABB Robotics Value Provider

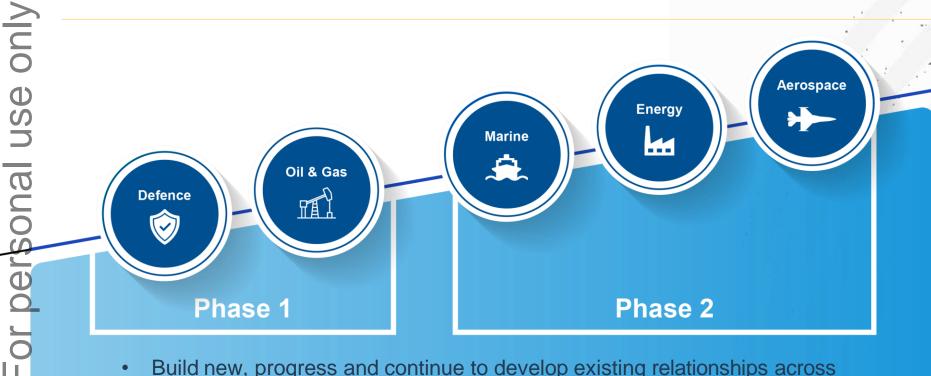
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Business Model



Broad Addressable Markets with Strong Demand

AML3D address multiple sophisticated and geographically diverse markets



- Build new, progress and continue to develop existing relationships across
 Asia Pacific and North American regions
- Progress negotiations and proof of concept prototypes to evolve ARCEMY[®] sales
- Deliver ARCEMY[®] metal 3D printing systems globally, including software licensing, support and training

Phase 1 and 2 are driven by Australian and North American AML3D sales teams and Phillips Corp. Federal and Commercial Sales divisions

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OEM Business Model

Product & Go-To-Market strategy to meet demand in OEM sector

- AML3D offers the largest commercially available
 open-air additive manufacturing system to the market
- AML3D partners with clients, enabling them to become globally competitive metal part producers
- ARCEMY[®] disrupts traditional part manufacturing, creating digital parts libraries and driving Industry 4.0 capability
- Available in four key configurations, ARCEMY[®] supports:
 - Manufacturing diversification
 - Supply chain resilience
 - Sustainable business growth
- Includes robust annual recurring revenue with software, hardware and support services



ARCEMY® system available in four robot-sized options, ARCEMY X® shown

ARCEMY® Technology Stack

Invest in software to meet client requirement for enhanced ARCEMY® platform & grow revenue

WAMSoft[®]

 Better useability and outcomes for larger and more complex geometries

AMLSoft™

• Develop new features & functionality for new alloys, weld parameters and operating capabilities

Hardware

- Customer demand signals to lead expansion on ARCEMY[®] system hardware requirements and repeatable outcomes
- Enable client-funded specific Research and Development programs



Business Model

Capital Sale of turnkey ARCEMY[®] System with Recurring Revenue Model

Capital Sale

Licensing Fees

- Capital Sale Value:
 *\$2m
 Sale of complete turnkey ARCEMY® System
 Includes system
 - Includes system
 installation on site,
 commissioning and
 training of production
 and operations staff

- Software License fees:
 \$150k per annum
- Complete set of qualified welding parameters
- Major software release upgrades for improved deposition rates, print quality and print envelope
- Minor Software release updates for user interface and security upgrades

Maintenance

- Hardware Maintenance: \$50k per annum
- Full inspection of Robotic Hardware and changeover of oil and consumables
- Full inspection of welding system hardware including warranty extension
- Control System and peripheral hardware maintenance including sensors

Production Support

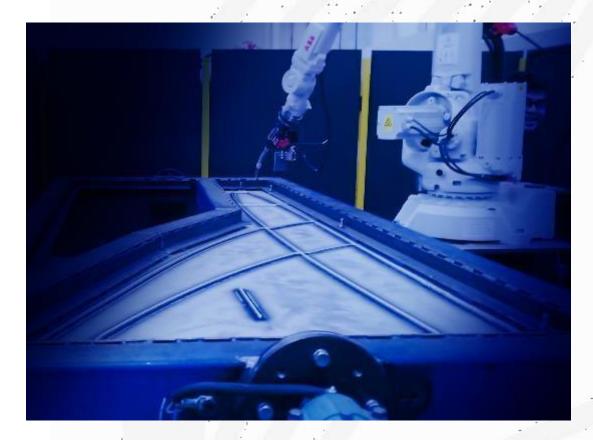
- Tech Support:\$50k per annum
- Parts production consulting to convert traditional to additive parts
- Operator Support to plant operators for the efficient production of parts in field.
- Software technical support for bug fixes, general system queries

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Proof of Concept Parts

Ability to demonstrate performance of WAM[®] technology to potential customers or assist in facilitating small production runs remains critical

- Proof of Concept part manufacture is critical to demonstrating WAM[®] and ARCEMY[®] fit-for-purpose
- Presence of AML3D-owned ARCEMY[®] units in Australia and USA a critical element in demonstrating ability to produce products to customer specifications
- Ability to relocate existing Adelaide-based ARCEMY[®] units to USA for immediate capacity



Execution of Business Plan

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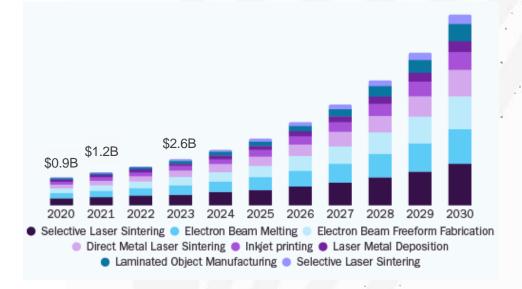
Unlock US Market – Form US sales team

AML3D's WAM® technology positioned to access the massive & high growth US market

Direct Sales-Led Entry

- Establish a US sales team comprising of a US Sales Manager, a technical sales consultant and technical support position
- Identify distributors and value-added resellers and establish a channel sales model for the ARCEMY[®] product line
- Market valued at USD\$2.6B in 2023 and projected to expand at a Compound Annual Growth Rate (CAGR) of 20.4% to 2030^{1.}

North American Metal 3D Printing Market¹



 Source: Grandview Research, Metal 3D Printing Market Size, Share & Trends Analysis Report By Component (Hardware, Software, Services), By Technology, By Software, By Application, By Vertical, By Region, And Segment Forecasts, 2022 – 2030 (https://www.grandviewresearch.com/industry-analysis/metal-3d-printing-market)

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Unlock US Market – Strategic US Deployments

Establish presence at key US bases servicing US Navy & Tier 1 clients

US Market Entry

- Successful delivery of current US based ARCEMY[®] X orders
- Leverage existing ARCEMY[®] sales relationships with US based Global Tier 1 clients
- Establish presence at key US additive manufacturing bases in Knoxville, TN and Danville, VA
- Build sales & account management team to develop future pipeline

US Additive Manufacturing Bases

Base	Profile		
Knoxville, TN	Largest science and energy national laboratory in Department of Energy system and major partner to NAVSEA (US Navy), Boeing and other strategic targets		
Danville, VA	Home to NAVSEA Additive Manufacturing Centre of Excellence. Supporting the Submarine Industrial Base adoption and training of additive technologies.		

Focus on expanding customer network in 2024

We are are the 'centre of the onion' right now

US Department of Defence (US Navy) orders brought a spotlight to our technology

- Immediate focus on converting this opportunity into further commercial orders in defence supply chain
- Department of Defence sits at the middle of the US military-industrial complex with Tier 1 credibility boost presenting many options for AML3D
- USA based Defence Contractors are a priority target with an expectation that we can break into this market with ARCEMY[®] machine sales
- New alliances in USA with Tier-1 groups set to drive far improved distribution and sales networks

BROADER INDUSTRY PARTICIPANTS AND CONTRACTORS

MAJOR US DEFENCE CONTRACTORS



US DEPARTMENT OF DEFENCE



AML3D USA & Phillips Corp Sales Teams

The art of the possible with a team of 12 salespeople in North America

Phillips Federal West ND Phillips Federal Central OR Phillips Federal South D SD Phillips Federal North WY Ð٨ IA Phillips Commercial NE ÍN AML3D USA CO KS MO OK AZ NM ŚC G MS TX ΔK AML3

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AML3D Performance Aspirations

Success in our delivery will strengthen AML3Ds partnerships and improve software development cycles

- Successful installation of US Department of Defence ARCEMY[®] systems into Oakridge National Laboratory (ORNL) and Danville Centre of Excellence (CoE) facilities
- Continue to expand into US Defence and Oil & Gas via existing US based customers
- Leverage sales and distribution relationship with Phillips Corp across the US region:
 - Increase ARCEMY® sales into US Defence manufacturing supply chain
 - Supply into Phase 2 market sectors of Energy, Maritime and Aerospace
- Establish US operating base with local leadership, business development, system construction and Proof of Concept production
- Advance next release of WAMSoft[®] and AMLSoft[™] platforms to include Al driven closed loop optimisation
- Resize the Australian business operations



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CY23 – Achievements to Date

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#	Customer	Date	Product	Value	Description
Arc	Arcemy Sales				
1	US Department of Defence	Feb 2023	ARCEMY 'X – Additional 6700'	~A\$1.0m	System located at Oak-Ridge National Laboratory, the largest science and energy national laboratory in Department Of Energy system and major partner to the US Navy, Boeing, and other strategic targets
2	Curtin University	June 2023	ARCEMY 2600' Edition	~A\$1.0m	System located at Curtin University with a focus on developing new alloys for the Defence, Oil and Gas and Resources Sector. 3 year \$100k per year research project support for PhD research team.
3	Phillips Corporation	Jul 2023	ARCEMY 'X – Additional 6700'	~A\$1.1m	Phillips Corporation are sourcing the ARCEMY to contribute to the establishment of a US Navy supply chain and industrial base
4	Laser Welding Solutions (Lease)	Sep 2023	Arcemy 2600 Edition	~A\$0.27m	Laser Welding Solutions is a supplier of Nickel Aluminium Bronze components to US Navy
5	Cogitic Corporation	Nov 2023	6700 Edition ARCEMY system	~A\$2.5m	Colorado Springs-based engineering and manufacturing company servicing critical marine defense and defense related industries with "cannot fail" applications
6	Phillips Corp (On Behalf of Austal USA)	Nov 2023	6700 Edition ARCEMY system	~A\$2.2m	Order received via US value-added reseller Phillips Corp. on behalf of Austal USA for use in their purpose-built Advanced Manufacturing Centre in Charlottesville, Virginia.
Ма	Manufacturing / Prototyping Contracts				
1	US Department of Defence	Mar 2023	Alloy testing contract	~A\$0.26m	Contract to demonstrate nickel-aluminum bronze (NAB) alloy meets manufacturing standards to supply components to US Navy submarine program
2	Phillips Corporation	Apr 2023	Value added reseller agreement	n/a	Phillips is a leading service provider and manufacturing reseller partner to the US Federal Government
3	US Department of Defence	Aug 2023	Extension of alloy testing contract	~A\$0.37m	Extension for Nickel-Aluminum-Bronze (NAB) alloy characterisation and strength testing to support the Navy submarine program
4	US Department of Defence	Aug 2023	Submarine parts	~A\$2.02 m	To demonstrate ARCEMY can produce complex components to a high quality and exceed strength properties of custom parts
5	US Department of Defence	Sep 2023	Submarine parts	~A\$0.6m	Production of 1 tonne prototype component to support the Navy's submarine program
6	US Department of Defence	Sep 2023	Alloy testing contract	~A\$0.35m	Contract for development and testing of 3D printed Copper-Nickel (CuNi) components to support the US Navy's submarine program
7	BAESMA	Dec 2023	Test part contract	~A\$0.2m	Manufacture contract for the provision of a test part for the purpose of ASC Shipbuilding Pty Limited, trading as BAE Systems Maritime Australia ("BAESMA") contract to design and build the Hunter class frigates for the Royal Australian Navy.

~A\$11.9 million

Capital Raising



Details of the Offer

		• A non-renounceable rights issue on a one (1) for three (3) basis seeking to raise up to \$3.9 million via the issue of up to approximately 78.5 million new fully paid ordinary shares in the capital of the Company (New Shares) (Rights Issue or the Offer).
\geq	Offer Structure	 The Rights Issue will be offered to eligible shareholders in Australia and New Zealand (Eligible Shareholders) with their entitlement calculated based on the number of shares held as at the Record Date.
UO		 The Rights Issue includes a top-up facility for existing eligible shareholders who take up their entitlement in full to apply for additional New Shares in excess of their rights at the discretion of the Board (Top-up Facility).
USe	Offer Price	 Offer Price of \$0.050 per New Share represents a: 14.3% discount to the last close of \$0.070 on Monday, 25 March 2024 29.4% discount to the 5-day volume-weighted average price (VWAP) of \$0.0708 23.1% discount to the theoretical ex-rights price (TERP) of \$0.065
ona	Use of proceeds	 The Company intends to use the funds primarily to establish a US facility to take advantage of its recent success with the US Department of Defence as well as for general working capital and the Offer
oers	Record Date	Monday 8th of April 2024
Or (Shortfall placement	 New Shares not taken up by Eligible Shareholders in the Rights Issue and Top-up Facility will be offered to sophisticated and professional investors (Shortfall Placement).
Ľ		The Shortfall Placement will be conducted by the Joint Lead Managers in consultation with the Company.
	Ranking	New Shares issued under the Rights Issue will rank equally with existing shares on issue.

Indicative Timetable

	Announcement of Rights Issue. Appendix 3B lodged.	Wednesday, 3 April 2024
	'Ex' Date	Friday, 5 April 2024
	Record Date for Rights Issue	Monday, 8 April 2024
	Despatch of Offer Booklet and personalised entitlement and acceptance forms to persons entitled and announcement and Rights Issue opens	Thursday, 11 April 2024
	Closing Date of Rights Issue	Thursday, 9 May 2024
	New Shares quoted on deferred settlement basis	Friday, 10 May 2024
	Announcement of results of Rights Issue and shortfall (if any) and issue of new Shares under the Rights Issue	Before noon on Thursday 16 May 2024
-	Quotation of new Shares issued under the Rights Issue on ASX	Tuesday, 21 May 2024
	Despatch date for issuer sponsored holding statements and CHESS notices in relation to the new Shares issued under the Rights Issue	Friday, 24 May 2024

The above timetable is indicative only and subject to change. Subject to the requirements of the Corporations Act, the ASX Listing Rules and any other applicable laws, AL3 in consultation with the Joint Lead Managers, reserves the right to amend the timetable and withdraw the Offer at any time.

Pro-forma Capital Structure and Use of Funds

	Post Capital Raise Pro-forma Capital Structure	
	Pre Capital Raise ordinary shares on issue	235.6m
5	Pre Capital Raise market capitalisation ¹	\$16.5m
000	Target New Shares Issued	78.5m
	Total target shares post Rights Issue	302.2m
3	Offer Price	\$0.050
	Implied market capitalisation (at Offer Price)	\$15.7m
	Cash ²	\$8.1m
	Implied enterprise value (at Offer Price)	\$7.6m
5	Performance Rights	6.6m

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Sol	urces of Funds	Amount (\$M AUD)
	4.2 ²	
Сарі	3.9	
	Total	8.1
1/5		
Use of Funds	Description	Amount (\$M AUD)
US expansion	Establish a physical presence with minimum one operating unit in the US. Recruit a US president, a small sales team and technical resources	3.5
R&D / product development	Launch of increased deposition and linear rail systems based on US market driven demand	1.0
Working capital and Offer Costs	General working capital and Offer costs	3.6
Total Use of Funds		8.1

1. Based on last close of \$0.07 (2 April 2024).

2. Per 31 December 2023 Appendix 4C Quarterly Report.



Thank you

ARCEMY

This presentation is approved for release by the Board of AML3D Limited

