



**U.S. Industrial Innovation**

# **New US defence markets open to AML3D**

**Investor Presentation** April 2025

AML3D Limited (ASX:AL3)

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# AML3D Limited

# Overview



# AML3D Snapshot

- AML3D is a welding, metallurgical science, robotics, and software business which uses automated wire fed 3D printing in a large free-form environment to produce metal components and structures for commercial use.
- Its ARCEMY® systems are the largest open-air, turn-key, metal 3D printer packaged to provide an all-in-one digital advanced manufacturing solution.
- Using patented Wire Additive Manufacturing technology (WAM®), ARCEMY® builds certifiable parts better, faster and stronger than traditional casting or forging with a lower carbon footprint.
- AML3D's technology allows 3D printing of complex industrial parts for the defence, oil & gas and aerospace industries where highly specific machine parts are often urgently needed, but not readily available.
- The AML3D ARCEMY® systems can be installed and used onsite to 3D print required parts near where they are needed based on a 3D computer model using various metals, steel or alloys.



# 2025 Interim Results Highlights

- Revenue up 206% on the prior comparable period (PCP) to \$4.63 million with 80% derived from US customers
- Gross profit up 372% on the PCP to \$3.37 million with gross profit margins at 73%
- EBITDA loss of \$2.83 million, an 8% improvement on the PCP
- Normalised EBITDA<sup>1</sup> loss of \$0.17 million, a \$2.25 million improvement over the PCP
- Interim loss of \$3.31 million is a 3% improvement on the PCP
- Customers receipts down 32% on the PCP to \$3.24 million, with \$1 million of overdue receipts collected in January 2025
- Payments to suppliers and employees up 30% over the PCP, driven by investment in the US technology centre
- Extremely strong balance sheet with cash of \$32.1 million following completion of a A\$30 million capital raise (before costs) in December 2024

	1H 2025	1H 2024	Change
<b>Revenue</b>	\$4.63m	\$1.51m	↑ \$3.12m
<b>Gross profit</b>	\$3.37m	\$0.71	↑ \$2.66m
<b>EBITDA</b>	(\$2.83m)	(\$3.06m)	↑ \$0.23m
<b>Normalised EBITDA<sup>1</sup></b>	(\$0.17m)	(\$2.42m)	↑ \$2.25m
<b>Net Profit Before Tax (NPAT)</b>	(\$3.31m)	(\$3.42m)	↑ \$0.12m
<b>Customer receipts</b>	\$3.24m	\$4.83m	↓ \$1.59m
<b>Payments to suppliers &amp; employees</b>	\$5.87m	\$4.53m	↑ \$1.34m
<b>Cash at bank (31 Dec. 2024)</b>	\$32.1m	\$4.18m	↑ \$27.9m

1. Normalising the EBITDA result for equity settled share base payments (\$1.30 million) and US establishment costs (\$1.36 million)

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# AML3D already fulfilling critical US industry needs

- AML3D entered US Defense market in 2023 with ARCEMY® System sale in support of US Navy Submarine Industrial Base (SIB)
- Rapid scale up of US operations with orders to date of over A\$19 million for ARCEMY® Systems, alloy testing and manufacturing with demand still growing
- Established US Technology Center and Manufacturing Hub (Stow) in May 2024 at Stow, Ohio
- Manufacturing License Agreement with US Navy SIB procurement partner Blue Forge Alliance (BFA) signed in September 2024
- US Department of Defense (DoD) awards BFA US\$951 million to boost US Navy SIB including scaling additive manufacturing capacity and capabilities
- Investment to more than double AML3D's US manufacturing capacity following successful AU\$30 million capital raise in November 2024
- Stow opens in December 2024 with a \$2.27 million ARCEMY® X order for the Tennessee Valley Authority, the largest US public utility



**AML3D USA Inc.**

# **3x expansion of US defence opportunity**

# AML3D has integral role in paradigm shift in U.S. industrial innovation



- The **US Government** recognizes the urgent need to boost defense manufacturing, **prioritizing manufacturing schedule** over costs for shipbuilding
- The US Navy's success promoting the submarine industry leads to an **expansion** of the Marine Industrial Base (**MIB**) remit **to all shipbuilding and missiles**
- Additive Manufacturing (**AM**) recognized as a driver of strategic manufacturing giving **AML3D 3x the upside** and breaking open new opportunities
- AML3D's **WAM technology** is part of the AM solutions that are an **integral** part of the US Governments National Defense Authorization Act (**NDAA**) for 2025
- Imminent **White House** 'Make Shipbuilding Great Again' Executive Order to create **financial incentives** for defense shipbuilding with strong ties to MIB
- **Strategic outsourcing** of MIB manufacturing to public-private partners, such as Austal and BFA, **gives AML3D better access** to this industrial base



AML3D ARCEMY X-Liner



# Large parts of US Defense Market more immediately accessible



- Expansion of MIB to shipbuilding, missiles and submarines **triples the near-term market opportunity**
- Success supporting the US Navy to create pathway to **accessing additional defence sectors** mid to longer term

		Expanded AM remit of Marine Industrial Base				
		Submarines	Shipbuilding	Ground	Guided Weapons	Aviation
Dept. of Navy	US Navy	<ul style="list-style-type: none"> <li>• Attack subs</li> <li>• Strategic Subs</li> <li>• Undersea Drones</li> </ul>	<ul style="list-style-type: none"> <li>• Aircraft Carriers</li> <li>• Frigates</li> <li>• Destroyers</li> <li>• Amphibious</li> </ul>	<ul style="list-style-type: none"> <li>• Shipboard Repair</li> </ul>	<ul style="list-style-type: none"> <li>• Tomahawk</li> <li>• Standard Missile 2, 6</li> <li>• Air Launched Missiles</li> </ul>	<ul style="list-style-type: none"> <li>• Fighters</li> </ul>
	US Marines		<ul style="list-style-type: none"> <li>• Watercraft</li> </ul>	<ul style="list-style-type: none"> <li>• Vehicles</li> <li>• Artillery</li> </ul>	<ul style="list-style-type: none"> <li>• Hypersonics</li> <li>• Naval strike missile</li> <li>• Tomahawk</li> </ul>	<ul style="list-style-type: none"> <li>• Funded by Navy</li> </ul>
Dept. of Army	US Army		<ul style="list-style-type: none"> <li>• Logistics ships</li> <li>• Amphibious</li> <li>• Watercraft</li> </ul>	<ul style="list-style-type: none"> <li>• Tanks</li> <li>• Vehicles</li> <li>• Artillery</li> </ul>	<ul style="list-style-type: none"> <li>• Tomahawk</li> <li>• PrSM</li> <li>• Hypersonics</li> </ul>	<ul style="list-style-type: none"> <li>• Helicopters</li> <li>• Drones</li> </ul>
Dept. of Air Force	US Air Force				<ul style="list-style-type: none"> <li>• Air Launched Missiles</li> <li>• Hypersonics</li> </ul>	<ul style="list-style-type: none"> <li>• Fighters</li> <li>• Large Aircraft</li> <li>• Helicopters</li> <li>• Drones</li> </ul>

# AML3D USA Inc. US site visits

# Site visits forges strong US government/private sector relationships



- 14 day '**Boots on the ground**' tour of 10 locations, including **Washington DC**, organized by Bondi Partners\* in March 2025
- **AML3D** positioned as:
  - **leader in US manufacturing industrial base** fulfilling NDAA policy requirements and critical industry needs
  - **key partner in innovating** and building capacity of the US industrial base, especially in **shipbuilding**
  - **supplier to Austal** and US Navy Additive Manufacturing **Center of Excellence** (Danville) that can **add value to the Maritime Industrial Base**
- **Broad based support** generated across **US Senators, Defense industry, Education and training sectors** and private companies translates to:
  - excitement for the **grand opening** of AML3D's **US Technology Centre** in May 2025
  - advocates with **high level influence** who recognize the value of AML3D's investment in and contribution to the US



Washington DC site visit

\* <https://www.bondipartners.com>

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# Strong engagement with US defence and industry partners



## Partners

### **Maritime Industrial Base (MIB)**

#### **Deputy Program Manager: Whitney Jones**

MIB expanded its authorities to fund, prioritize, plan and execute contracts across submarines, aircraft carriers, surface ships, and naval surface and air launched missiles. A \$40B+ portfolio

### **Austal, USA – Advanced Technologies:**

#### **Don Hairston, Scott Kasen**

Primary strategic outsourcing partner, executing Navy's AM strategy

### **Institute for Advanced Learning & Research (IALR):**

Virginia state effort to quickly train manufacturing workforce across Navy, industry

### **Accelerated Training in Defense Manufacturing (ATDM):**

Navy funded manufacturing training center to quickly train Navy workforce

## Key Outcomes & Opportunities

- New MIB authorities are a 3x potential upside for ships and potential market for munitions
- MIB recognizes AML3D's capacity, financial strength, and ability to fill US strategic manufacturing shortfall
- MIB endorsed specific efforts that should lead to near-term machine sales with Huntington Ingalls, Austal, and FasTech
- Austal wants to collaborate on ARCEMY footprint/capabilities/ configurations to ensure maximum effect across facilities, existing and new, for long-term partnering, including possible AM Facility
- The shipbuilding workforce training programs welcomes ARCEMY, creating an opportunity to secure AML3D as the gold standard for the new AM workforce



# Key opinion leaders aware and enthusiastic

## Opinion leader

- **House Armed Services – Seapower & Force Projection Subcommittee:**  
*Staff Director Phil MacNaughton*
- **Senator Bernie Moreno (Ohio):**  
*Legislative Director Andrew Rothe*
- **Senator Jon Husted (Ohio):**  
*National Security Advisor Michael Callesen*
- **Representative Mike Turner (Ohio) – House Armed Services Committee:**  
*National Security Adviser Zachary Taylor.*
- **Australian Embassy:**
  - **Minister-Counsellor AUKUS:** *Phoebe Greentree*
  - **Naval Attache:** *Commodore David Frost*

## Key Outcomes & Opportunities

- Build awareness and positive sentiment around AML3D capabilities, including:
  - fulfilling 2025 NDAA policy language for additive manufacturing in US and Australia
  - offers to include preferences into 2026 NDAA
  - commitment to US Defence manufacturing by raising AU\$30M in Australia to support investment in the US
  - ability to expand US shipbuilding capacity and support other industries
  - agreement to tap into Congress/White House/MIB office within the National Security Council seeking strategic outsourcing, with potential for new AML3D partnerships in shipbuilding

**AML3D USA Inc.**

# Pathway to US expansion

# Clear pathway for continued U.S. Market Expansion



## Priority & Timeline

### Submarines

**Organizations:**  
Navy, **MIB**, Austal, BlueForge Alliance, Primes

**Next Steps:**

- DED playbook to identify specific opportunities\*

### Ships

**Organizations:**  
Navy, **MIB**, Army, TACOM, Primes

**Next steps:**

- Frigates now, while funding available
- Awaiting MIB plan of action and funding\*
- Pursue Army shipbuilding

### Tanks and Vehicles

**Organizations:** Army, TACOM, Marines, CD&I, Primes

**Next Steps:**

- Army & Marines market potential
- AM concept of employment

### Aircraft

(DoD and Commercial)

**Organizations:**  
Navy & Marines, NAVAIR, Air Force, Army, AMCOM, Commercial Primes

**Next steps:**

- Naval Aviation market potential / AM concept of employment
- Growth with Boeing
- Enter with Air Force
- Move to Army

### Missiles

**Organizations:**  
Navy, **MIB**, Air Force, Army / AMCOM, Missile Defense Agency, Primes

**Next Steps:**

- Start with MIB
- Assess WAM suitability
- Define market landscape
- Identify key entry points

### Dept. of Energy

**Considerations:**

- Requirements to enter nuclear

### Submarines

**Next Steps:**

- Identify entry points

### Definitions

- MIB - Maritime Industrial Base
- TACOM - Tank-Automotive & Armament Command
- CD&I - Combat Development & Integration
- AMCOM - Aircraft & Missile Command
- NAVAIR - Naval Aviation Systems Command

\* Actions underway by MIB

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# AML3D USA Inc. Next steps and Milestones



# Leverage advantage to lead US industrial innovation



## Advocate for defence policy and appropriations to:

- support NDAA language that benefits AM and AML3D
- increase US policy and funding support for AML3D capabilities

## Navigate Political Impacts on US Shipbuilding to:

- ensure timely response to the 'Make Shipbuilding Great Again' Executive Order opportunities.
- build and maintain relationships with key DoD leadership confirmations
- flex manufacturing to manage impact of tariffs

## Leverage US Technology Center grand opening

- Secure key stakeholder attendance to build out US domestic credentials
- Highlight AML3D's key position

## Leverage existing opportunities to:

- access MIB expansion across entirety shipbuilding & naval missiles
- make AML3D synonymous with AM across strategic outsourcing partners
- Promote AM utilization as a driver of for DoD prioritization of manufacturing schedules

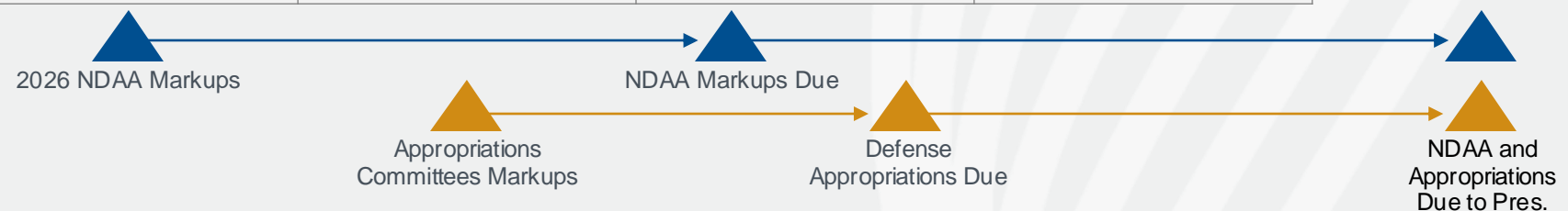
## Expand into other opportunities:

- Develop relationships with additional decision-makers in Navy and across DoD
- Pursue growth into nuclear with Department of Energy
- Leverage MIB activities to access UK's MoD
- Support AUKUS with investments in Australia and elsewhere

# Leverage key milestones to continue to drive US engagement



March	April	May	June	July
<b>US site visit</b>	<b>Build momentum</b>	<b>Gain speed</b>	<b>Leverage grand opening</b>	<b>Full rollout</b>
<ul style="list-style-type: none"> <li>• Build advocacy via direct Stakeholder Engagement</li> </ul>	<ul style="list-style-type: none"> <li>• Understanding MIB funding &amp; plans</li> <li>• Map Army/NAVAIR markets</li> <li>• Focus on Congress, FY2026 budget and AM policies</li> </ul>	<ul style="list-style-type: none"> <li>• Target MIB stakeholders,</li> <li>• Target Army/NAVAIR stakeholders</li> <li>• Focus on Ohio reps ahead of grand opening</li> </ul>	<ul style="list-style-type: none"> <li>• Target additional DoD market decision makers post grand opening</li> </ul>	<ul style="list-style-type: none"> <li>• Continue engagement across target markets</li> <li>• Continue program for policy and appropriations influence</li> </ul>
<ul style="list-style-type: none"> <li>• Initial ground work for grand opening</li> </ul>	<ul style="list-style-type: none"> <li>• Identify target audience for grand opening</li> </ul>	<ul style="list-style-type: none"> <li>• Build excitement and host grand opening</li> </ul>	<ul style="list-style-type: none"> <li>• Advertise, execute and promote grand opening</li> </ul>	<ul style="list-style-type: none"> <li>• Maintain drumbeat of messaging</li> </ul>



**AML3D Limited**

# Build Bigger, Faster, Stronger and Greener



For more information, please contact:

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This presentation has been approved for release  
by the Board of AML3D Limited.

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# Appendix

## 1. The Board

## 2. Executive Leadership



## Appendix 1. Board

### Deep industry experience combined with AML3D's founder's vision



**Noel Cornish AM**

Chairman, Non-Executive Director  
B.Sc, M.Eng.Sc., FAICD FUOW

Noel Cornish joined the Board of AML3D as a Non-executive Director and Chairman in October 2022. His former roles include Chief Executive of BlueScope Steel Limited's Australian and New Zealand steel manufacturing businesses, Deputy Chancellor University of Wollongong, President North Star BlueScope Steel, LLC in Ohio USA, Chairman of Snowy Hydro Limited and IMB Bank, as well as past National President Ai Group.

Noel is currently Chairman of the Hunter Valley Coal Chain and a member of the University of Newcastle Council. Noel was appointed a Member of the Order of Australia in 2017 for his business leadership and community service. The Board considers that Mr Cornish is an independent director.



**Sean Ebert**

Executive Director, CEO  
BEng Hons (Electrical), GAICD, MBA

Sean has 25 years of executive and board-level experience across public and commercial sectors, with particular expertise within the engineering sectors of oil and gas, mining and resources and emerging technologies in Australia, the Middle East, South America, the US and Europe.

Non-executive Director of MLEI Consulting Engineers Pty Ltd and Apixium Technologies Pty Ltd, Deputy Chairman of FCT International Pty Ltd and Chairman of Tony's Wholesale Flowers Pty Ltd.

Previously the CEO of Beston Pacific Asset Management, Global Director of M&A of WorleyParsons, CEO of Camms Pty Ltd and CEO of Camms Profit Impact Pty Ltd.



**Andy Sales**

Executive Director, CTO  
MEng, MSc, CEng, CMatP

Founding director of AML3D in 2014. Andy has been an Executive Director since 2019 and held the CEO position between 2019 to late 2022.

Renowned welding technology expert with over 30 years of global experience (Australia, Europe, South America, Africa and Asia).

Held a variety of roles across upper management and senior leadership within the oil and gas, resources, and mining sectors including advanced manufacturing, heavy engineering and fabrication sectors.

Chartered Engineer with a Master of Engineering and Master of Science, as well as Diploma in Quality Management and Auditing. Sits on two Standards Australia committees, including the position of Co-chairperson on the committee for Additive Manufacturing.



**Peter Siebels**

Non-Executive Director

Following a 30-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.

Governance positions include Chair roles with the RAA, RAA Insurance, Electricity Industry Superannuation Scheme, Hood Sweeney, Robem Menz and also a Non-executive Director role with ECH, GCF Investments Pty Ltd.

Peter has Chaired many Board Committees, including Investment, Finance and Audit, Governance and Nominations and Risk.



**Kaitlin Smith**

Company Secretary  
B.Com (Acc), CA, FGIA

Kaitlin has more than 15 years of professional experience as Company Secretary of several ASX listed companies in a variety of industries.

Appointed to the position of Company Secretary at AML3D on 30 November 2022.

Chartered Accountant, a Fellow member of the Governance Institute of Australia.

## Appendix 2. Executive Leadership Team

The right blend of manufacturing and broader corporate experience



**Sean Ebert**

Chief Executive Officer  
BEng Hons (Electrical), GAICD, MBA

Sean has 25 years of executive and board-level experience across public and commercial sectors, with particular expertise within the engineering sectors of oil and gas, mining and resources and emerging technologies in Australia, the Middle East, South America, the US and Europe.



**Pete Goumas**

President & CEO  
AML3D USA Inc.

Pete is a seasoned leader with over 38 years of industry experience leading technical and manufacturing organisations in the fields of government and civil nuclear power, power generation and technology development. Pete is committed to delivering, supporting and advancing AML3D's technology for its current and prospective US customers.



**Hamish McEwin**

Chief Financial Officer

A leader with 25 years of experience in accounting, finance, and senior management roles, Hamish specialises in driving operational transformation and nurturing talent across manufacturing, import/export, and distribution sectors.



**Stuart Banks**

Senior Global Vice President  
of Business Development

With 30+ years of experience in the manufacturing and industrial services industries, Stuart is passionate about forging strategic partnerships, driving innovation, and helping to unlock new opportunities that create lasting value.



**Nick Aschberger**

Vice President  
of Software and Product

Nick is an engineering and technology leader with 24 years experience across a range of engineering disciplines and roles, including software development, systems integration and automation. Nick has broad industry exposure, having worked in semiconductor design, simulation, rail and sensor analytics companies.