



AML3D®

Expanding US Capacity

# AML3D helping drive U.S. industrial innovation

Investor Presentation June 2025

AML3D Limited (ASX:AL3)

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# AML3D Limited

# Overview

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# 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 metal alloys.



High Pressure Valve

**Rapid US growth**

**Right time, right place  
and right policy settings**

# AML3D's established US manufacturing base fulfills critical industry needs



- AML3D **rapidly scaling** to meet rapid growth in US demand:
  - entered the US defence market, Feb. 2023
  - plans for US Technology Centre, Apr. 2024
  - A\$12 million investment to double US capacity, Nov. 24
  - US Technology Centre operational with first order, Dec. 2024
  - official opening of US Technology Centre, Jun. 2025.
- **US orders** to date for ARCEMY® Systems, alloy testing and component manufacturing **in excess of A\$19 million**, with demand still growing
- **US growth underpinned by** Manufacturing License Agreement with US Navy procurement partner **Blue Forge Alliance (BFA)**, Sep. 2024
- BFA awarded **US\$951 million to boost US Navy manufacturing**, including scaling additive manufacturing capacity and capabilities, Sep. 2024
- AML3D US site visits reveal opportunity to **triple defence market** by supporting surface ships, missiles and submarines, Mar. 2025.



AML3D Stow Technical Facility

# Additive manufacturing central to US Government defence plans



- **Additive Manufacturing (AM) is integral** to the US Government's National Defense Authorization Act<sup>1</sup>(**NDAA**) which identifies national security priorities.
- The **US Government is prioritising its shipbuilding** manufacturing schedule over costs to meet the urgent need to boost defence manufacturing.
- The US SHIPS Act<sup>2</sup> aims to create a fleet of **250 US ships within 10 years** and the US Speed Act<sup>3</sup> aims accelerate US defence procurement processes.
- AML3D's contribution to date to US defence AM programs has created **strong brand recognition and advocacy** within the U.S. military and Government.
- Supporting the **MIB triples AML3D's immediate US defence opportunities** to include surface ships, submarines and missiles.
- The released of 2025 **MIB funding** in coming months is expected to be a **catalyst for AML3D US defence** contract wins.



AML3D ARCEMY X-Liner

<sup>1</sup> <https://www.congress.gov/bills/118/congress/senate-bill/4638/text>

<sup>2</sup> <https://www.congress.gov/bills/118/congress/house-bill/10493/text>

<sup>3</sup> <https://www.congress.gov/bills/118/congress/house-bill/9265>

**Unlocking new opportunities**

# **Building US defence relationships**

# New DoD relationships unlock opportunities to support additional defence sectors



## Definitions

- TACOM - Tank-Automotive & Armament Command
- NAVAIR - Naval Aviation Systems Command
- PEO LS - Program Executive Office Land Systems

## Expanded AM remit of Marine Industrial Base

		Expanded AM remit of Marine Industrial Base				
		Submarines	Shipbuilding	Ground	Guided Weapons NAVAIR	Aviation
Dept. of Navy	US Navy	<ul style="list-style-type: none"> <li>• Attack subs</li> <li>• Strategic Subs</li> <li>• Naval Reactors</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> <li>• Operational maint. (2024)</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> <li>• Large Aircraft</li> <li>• Helicopters</li> </ul>
	US Marines		<ul style="list-style-type: none"> <li>• Watercraft</li> </ul>	<div>PEO LS</div> <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 (2025)</li> </ul>	<ul style="list-style-type: none"> <li>• Drones</li> <li>• Fighters</li> <li>• Large Aircraft</li> <li>• Helicopters</li> <li>• Drones (2026/7)</li> </ul>
Dept. of Army	US Army		<ul style="list-style-type: none"> <li>• Logistics ships</li> <li>• Amphibious</li> <li>• Watercraft</li> </ul>	<div>TACOM</div> <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>
Dept of Homeland Security	Coast Guard		<ul style="list-style-type: none"> <li>• Cutters</li> <li>• Icebreakers</li> </ul>			<ul style="list-style-type: none"> <li>• Helicopters</li> <li>• Large Aircraft</li> <li>• Fixed wing</li> </ul>

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# Continuing strong demand signals from within the US Department of Defense (DoD)



DoD counterparty	Key Outcomes & Opportunities
<p><b>Naval Air Systems Command (NAVAIR)</b> <b>AM Program Manager, Ted Gronda</b> Primary buyer and user of all Navy and Marine Corps Aircraft and missiles. The MIB will take on responsibility for oversight and prioritization of NAVAIR likely in 2026. NAVAIR buys aircraft from OEMs, then either purchases repair parts from OEMs or builds them themselves depending on required timeline and cost.</p>	<ul style="list-style-type: none"><li>• Under MIB, NAVAIR could receive more funding or increase the MIB’s demand for ARCEMY® systems.</li><li>• NAVAIR has appetite for AM use for aircraft maintenance, repair, overhaul at its Fleet Replacement Centers across the country and Japan. In particular in Aluminum and Titanium alloys.</li><li>• NAVAIR is still developing the use case for AM in the face of traditional acquisition assumptions.</li></ul>
<p><b>Program Executive Office Land Systems, USMC (PEO LS):</b> <b>Program Executive Officer, Stephen Bowdren.</b> <b>Deputy Program Executive Officer, Rob Cross.</b> <b>Program Managers for AM, Amphibious Reconnaissance Vehicle, and Motor Transportation.</b> Primary buyer and user of all Marine Corps Ground vehicles.</p>	<ul style="list-style-type: none"><li>• USMC has significant appetite for deployed AM, wants to promote in-house fabrication to compete with OEMs.</li><li>• PEO LS willing to share parts data and vehicle modifications specifications to identify WAM suitability.</li><li>• Introductions offered to program office conducting containerized AM cell for iterative concept development.</li></ul>

# Strong engagement with key elected officials



## Official

- **Senator Bernie Moreno (Ohio):** Friends with Undersecretary of Defense for Policy Elbridge Colby.
- **Senate Armed Services Committee:** *Science & Technology Assistant Brad Patout.* Holds pen for NDAA.
- **Representative Mike Turner (Ohio) - House Armed Services Committee:** *Military Legislative Assistant Meredith Beresford.* Fellow Marine. Holds pen for NDAA. AM supporter.
- **Representative Joe Courtney - House Armed Services Committee, Friends of Australia:** *Military Legislative Assistant Owen McGeary.* Holds pen for NDAA. Actively involved in AUKUS negotiations.
- **Representative Emilia Sykes (Ohio) - Manufacturing Caucus:** *Private Tour.*

## Key Outcomes & Opportunities

- **Support for 2025 MIB funding released by Secretary of Defense.**
  - Legislators offered to advocate in and effort to expedite funding release.
  - Likely delay for political considerations and awaiting DoD to cancel programs deemed unnecessary.
  - Potential funding release around July or August, post the Congressional spending bill, aka "The Big Beautiful Bill" but pre-FY2026 budget.
- Congressional representatives all support AM benefits:
  - Promoting separate budget line items including AM across numerous high priority programs.
  - Promoting AM use in 2026 NDAA.
- All recognize and support AML3D's strong position.

**Next steps**

# **Position AML3D for US Industrial paradigm shift**

# 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:

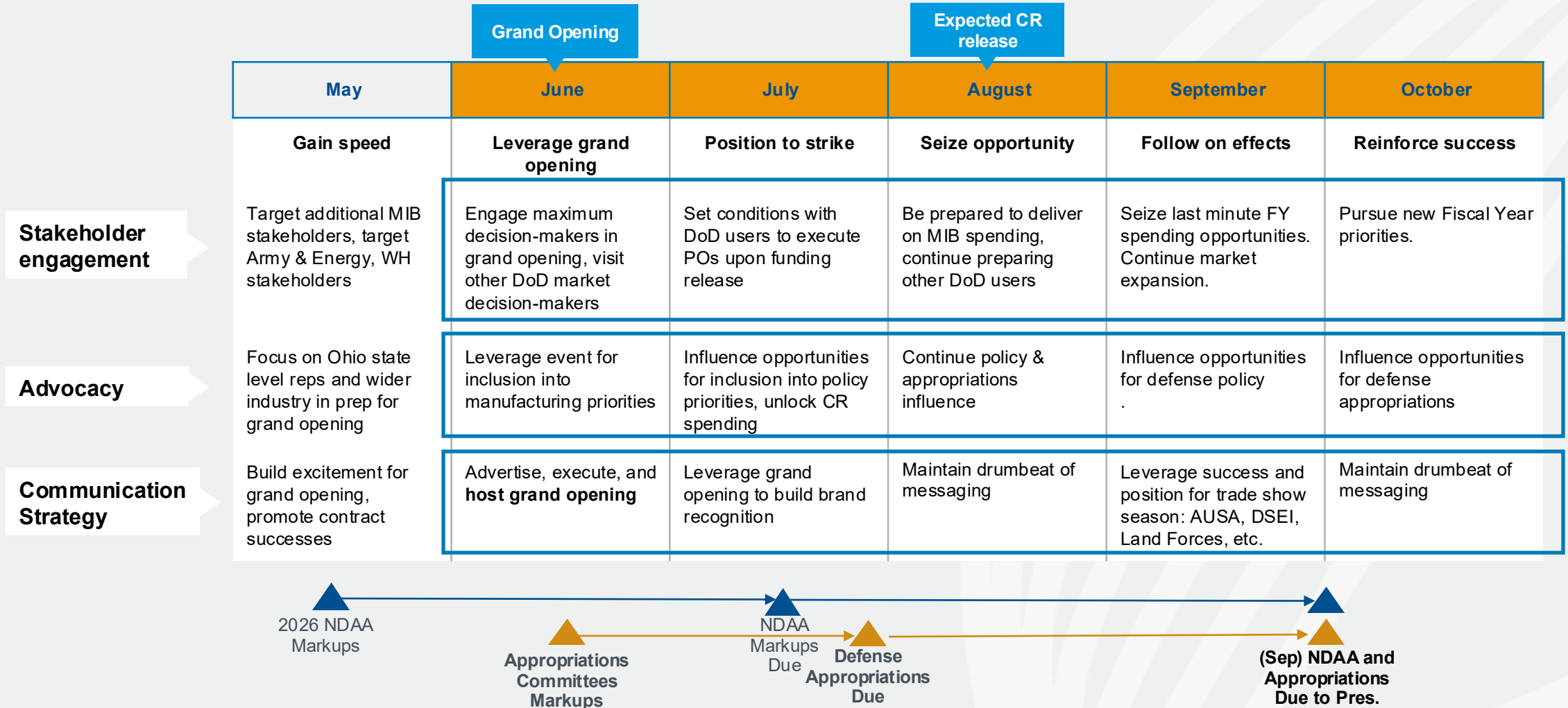
- access MIB expansion across entirety shipbuilding & naval missiles
- make AML3D synonymous with AM across strategic outsourcing partners
- Promote AM utilisation as a driver for DoD prioritization of manufacturing schedules

## 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

# US engagement strategy

## – Key milestones



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**AML3D Limited**

# Build Bigger, Faster, Stronger and Greener



For more information, please contact:

**AML3D**

Sean Ebert  
Managing Director  
+61 8 8258 2658  
[investor@aml3d.com](mailto:investor@aml3d.com)

**Investor Relations**

FIRST Advisers  
Ben Rebbeck  
+61 2 8011 0350  
[brebeck@firstadvisers.com.au](mailto:brebbeck@firstadvisers.com.au)

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

[www.aml3d.com](http://www.aml3d.com)



## 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 Apxium 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.