Investor Presentation

February 2021

AML3D

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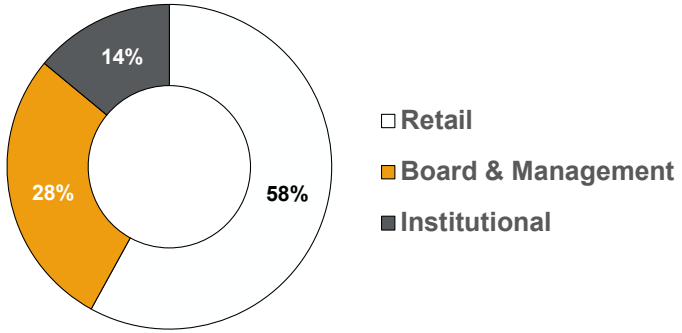
AML3D: Corporate Snapshot

Corporate Snapshot – 25 Feb 2021	
ASX Code	ASX:AL3
Share Price	$0.35
Shares on Issue	~149.6m
Options on Issue	15.5m
Market Capitalisation	~A$52.4m
Cash (as at 31 Dec 2020)	~A$11.2m
Enterprise Value	~A$41.2m

Register Breakdown



FY21 Focus Areas

- Growing manufacturing capabilities in Singapore and Adelaide
- Pursuing global business opportunities in target industries
- Expanding contract manufacturing base to drive long-term repeat customers
- Building ARCEMY® modules to service customers inhouse 3D printing needs
- Growing recurring revenue via annual software licensing, service and maintenance agreements and sale feedstock

Broader Growth Strategy

- Continuing research and development activities
- Refining and enhancing product range and processes
- Global distribution of ARCEMY® modules
- Growing contract manufacturing customer base

AML3D: Foundation for success and returns in place

PEOPLE
Board and management with a broad and global skill set

CAPABILITY
Best technical minds that have built WAM® technology from ground up

INNOVATION
Research and development focus to deliver new solutions for customers

CULTURE
We focus on our people and build strong customer relationships through integrity and performance

+

WAM® TECHNOLOGY
Market disrupting technology ahead of peers and traditional approaches

ARCEMY® UNITS
Quick manufacturing turnaround and small footprint that expedites delivery capability

FINANCIAL CAPABILITY
Sufficient cash to deliver material and recurring revenue

=

SUSTAINABLE SHAREHOLDER RETURNS
Our main focus is to deliver long-term sustainable returns for shareholders by growing market share and securing multiple recurring revenue streams

Our values drive our approach to innovate, satisfy customers and ultimately deliver sustainable shareholder returns

AML3D: Building a long-term value proposition

DISRUPTIVE TECHNOLOGY

- Stronger, quicker, less waste than forged equivalents
- Lloyd's Register certification

SCALEABLE FOOTPRINT

- Small footprint required for roll-out of manufacturing sites

COMMERCIALISATION UNDERWAY

- Numerous customer contracts signed in 2020
- Pipeline of new contracts
- Funding coverage anticipated until sustainable revenue

ENORMOUS MARKET OPPORTINUTY

- ~US$10bn market size[1]
- Growing to US$63bn by 2026[1]

SUSTAINABLE SHAREHOLDER RETURNS

Fully funded with new customers onboard, a strong pipeline of opportunities and the right culture and capability

[1]As per Mordor Intelligence report "3D Printing Market – Growth, Trends, Covid-19 Impact, and Forecast (2019-2026)", released November 2020

AML3D Proprietary Technology

AML3D

WAM®: Advantages of Our Technology

WAM® vs Typical Subtractive Technology:

- Up to 30% stronger than cast or forged parts via sequential metal layering
- 75% faster customisation without tooling investments
- 70% cost reduction through weight, time and logistics efficiencies
- Sustainability at its core, generating 80% less material waste
- Bespoke products for customers

WAM® vs Powder Additive 3D Technology:

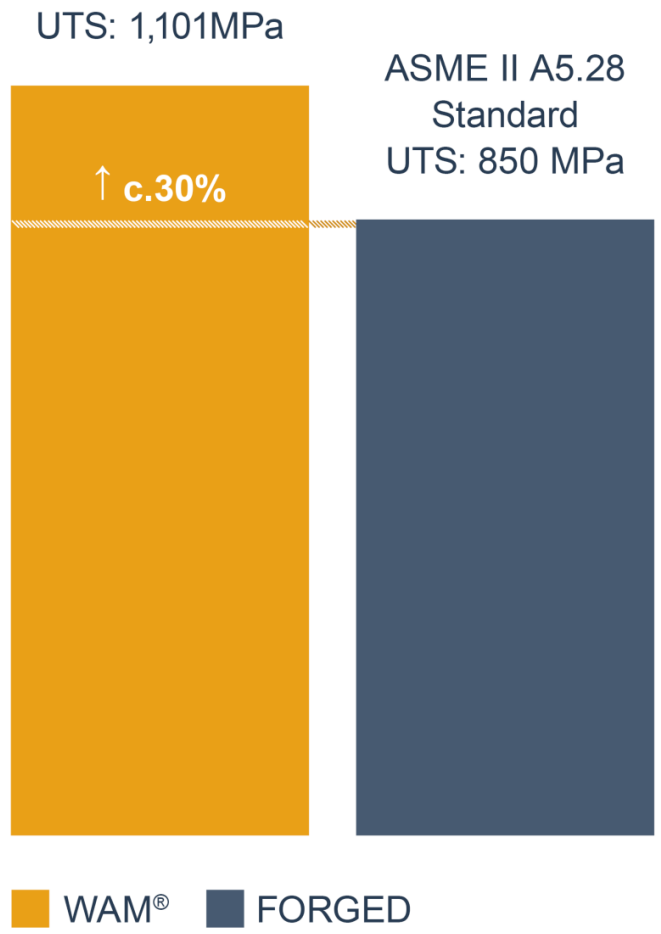
- Certified Additive Manufacturing process
- Certified feed stock that is affordable and readily available in nearly all alloys
- Sustainable, less material waste
- Does not require enclosures for inert gas
- Stronger / less porosity
- Faster builds
- Resource-efficient

CERTIFIED STRONGER FASTER EFFICIENT SUSTAINABLE

WAM®: Stronger than Forged

WAM® parts stronger than forged equivalents

- Independent testing* found, WAM® printed high strength steel presents:
  - **c.30% higher** ultimate tensile strength (UTS) than the applicable global standard; and
  - **c.10% higher** UTS than the same steel components made using conventional forging techniques
- Testing propelled by inbound interest with results provided to existing and new potential customers
- Demonstrates nature of AML3D®'s technology
- Results highlight AML3D's ability to deliver a market leading innovation with global accreditation – enormous opportunity to disrupt large industrial sectors



AML3D®

National Association of Testing Laboratories, accredited group, Intertek, conducted the testing on behalf of AML3D

Commercialisation of WAM® Underway

Revenue Generation

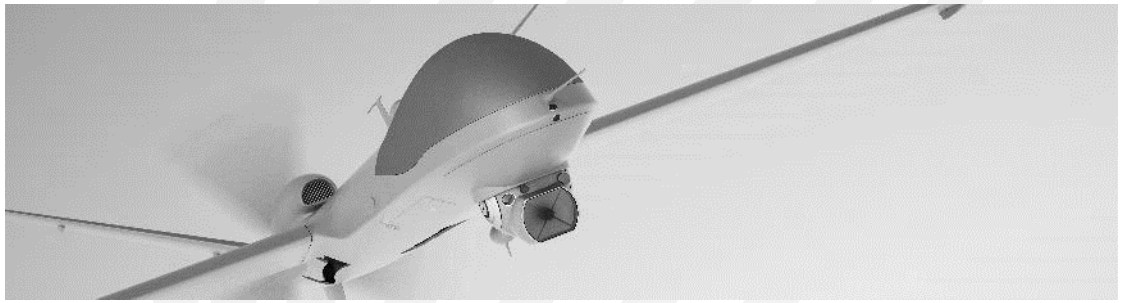
- Contract manufacturing
- ARCEMY® sales
- Licensing
- Consumable sales

New Customers

- 12 customer contracts signed
- Initial focus on component testing
- Anticipated recurring annual revenue stream

Customer Pipeline

- 100+ discussions initiated
- 50+ component and specification requests
- 20+ customers engaged for component testing*
- High pipeline conversion expected



Target industries

Aerospace & Defence · Marine · General Manufacturing · Mining, Oil & Gas

* Projects awaiting commencement, in testing or project delivery is in progress.

AML3D® Certifications

In 2018, AML3D became the first wire arc manufacturing facility globally to receive an “Additive Manufacturing Facility Qualification” from Lloyds Register

Certification by Lloyd’s Register not only provides validation to AML3D’s technology but also provides direct exposure to commercial opportunities

About Lloyd’s Register

Maritime classification society established in 1760 that consists of engineers and technical experts dedicated to assurance. Lloyd’s is one of the world’s leading providers of professional services for engineering and technology, focused introducing new technologies directly to commercial partners.

In 2018, AML3D became ISO 9001 compliant

ISO accreditation validates AML3D’s technology in the highest order for this sector and allows it to engage commercially within the Aerospace industry

AML3D complies with the globally accepted American Welding Society Standard that articulates specifications for fabrication of metal components using additive manufacturing

In compliance with this standard, AML3D issues certificates of compliance to its customers in relation to manufactured parts

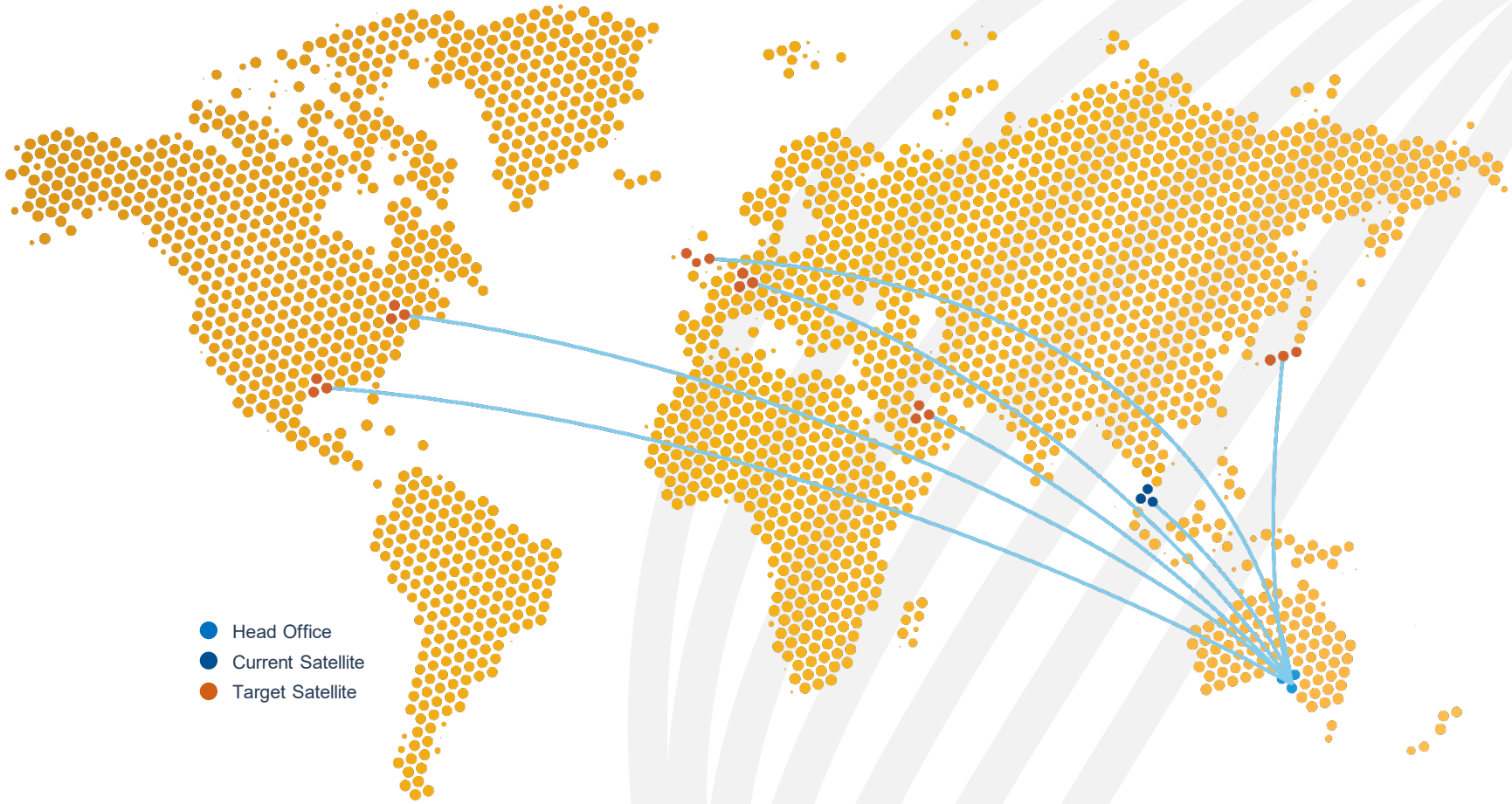
In 2019 AML3D became bizSafe Level 3 certified by WSH Council Singapore

BizSafe promotes workplace safety, health, risk management and anti-terror capabilities for companies operating in Singapore

AML3D®

Scaleable Manufacturing Footprint

- Adelaide head office and manufacturing hub running efficiently and effectively
- Singapore STEE manufacturing site established in 2020; AML3D site positioned for commencing in 2021
- Low-cost global rollout of manufacturing sites to profitable markets
- Three key country markets to be targeted over the next 1 to 2 years
- Four main target industries identified



Small Adelaide footprint ready and able to cost effectively roll-out manufacturing sites globally

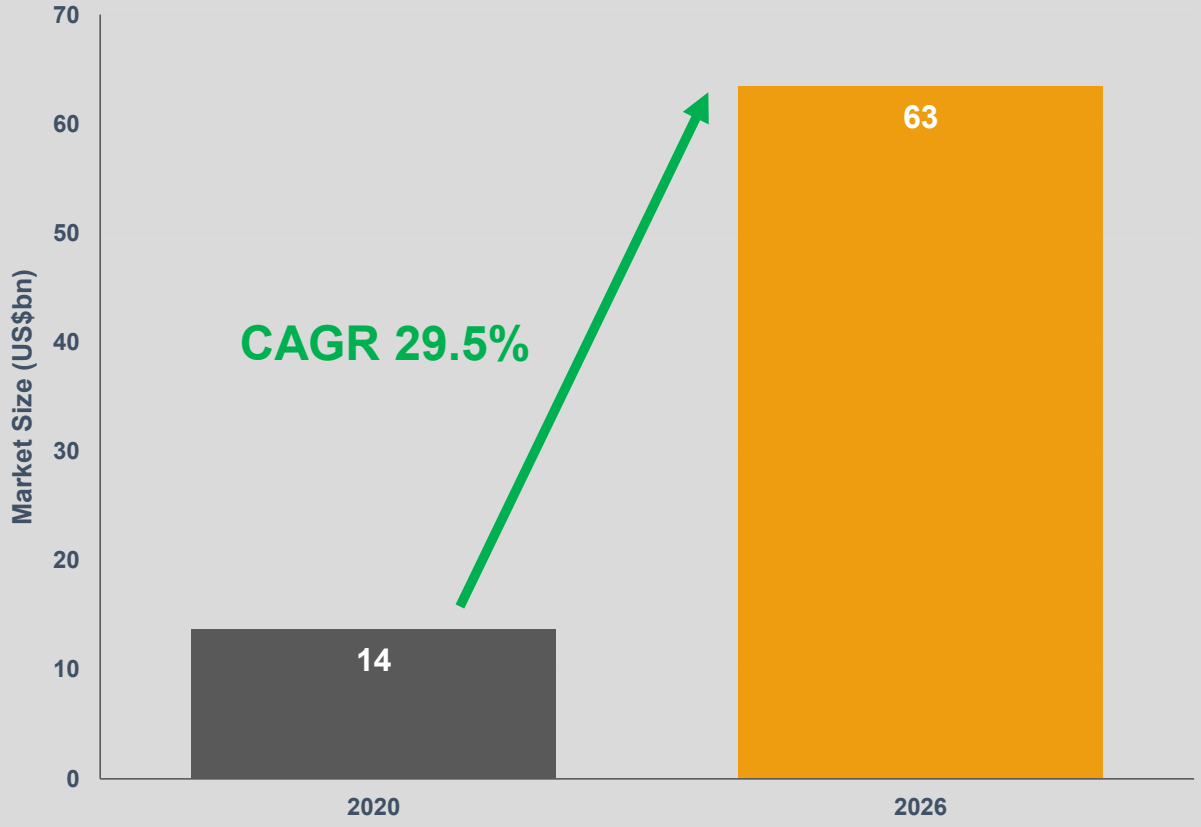
The Market

AML3D

Market Opportunity

AML3D WAM® technology is market leading and driving revenue growth in a massive and exponentially growing market

Global Additive Manufacturing Market Size (US$bn)[1]



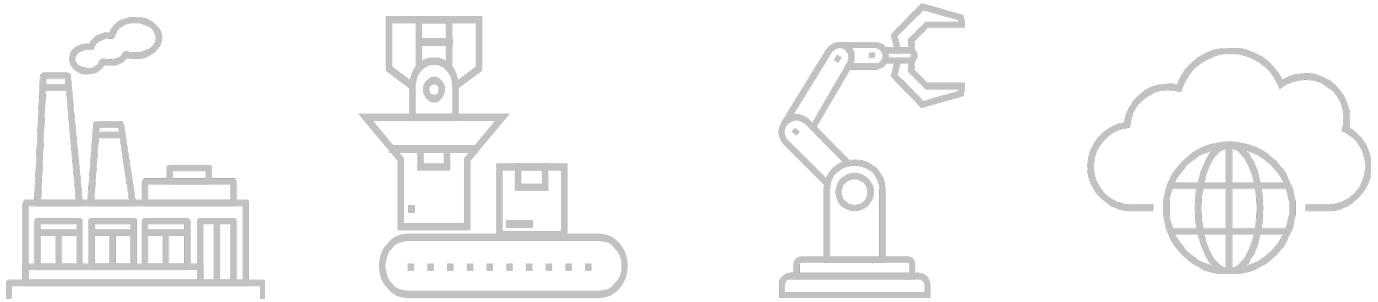
Additive manufacturing market expected to grow at a CAGR of 29.5% to 2026

- Market size increase estimated at US$63 billion by 2026[1]
- Additive manufacturing at the forefront of innovation in the industrial sector with enormous potential going forward
- Major industry participants seeking to adopt new and sustainable technologies
- AML3D primed for growth in the outperforming Asia Pacific region
- AML3D WAM® technology poised to capture market share as workflows are streamlined and emissions targets set

[1]As per Mordor Intelligence report "3D Printing Market – Growth, Trends, Covid-19 Impact, and Forecast (2019-2026)", released November 2020

AML3D and Industry 4.0

The global manufacturing sector is transitioning toward artificial intelligence and smart, autonomous systems



1784

Industry 1.0
Mechanisation of Production

Production capacity grew 8 times, increasing human productivity with steam power

1870

Industry 2.0
Mass Production and Electrical Energy

The discovery of electricity and assembly line production – improved speed of production at a lower cost

1969

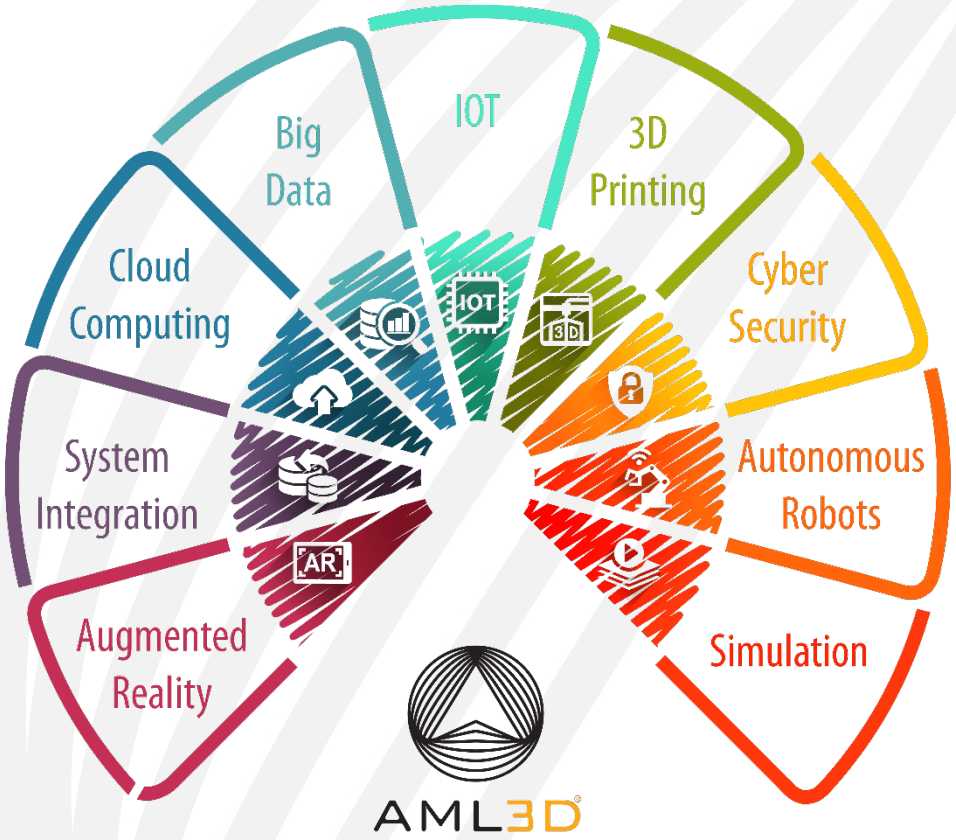
Industry 3.0
Automation, Computers and Electronics

Partial automation using memory-programmable communication and computers

Today

Industry 4.0
Information & Communication Technology

Digitisation of manufacturing – Network connection, production automation, and cyber-physical production systems



AML3D and Industry 4.0

Industrial Digitisation

Current market conditions are accelerating the global push towards Industry 4.0

- Covid-19 has increased need to automate manufacturing processes
- Global drive to (net) zero-emissions has contributed to the re-evaluation of current industrial systems
- Additive manufacturing technology primed to disrupt traditional practices in a time of radical change

Additive Manufacturing and WAM®

WAM® is a leading solution in metal additive manufacturing, providing low-cost, low-risk and accurate solutions

- Reduced time and materials wastage compared to traditional methods
- Improved economics, expanding the reach additive manufacturing
- Automated and streamlined workflows
- A socially inclusive response to manufacturing with sustainability at its core
- Minimal transportation requirements, reducing emissions and costs

Target Markets

Marine

- Housings
- Propellers
- Shafts
- Bulkhead structures
- Galley and bearing components
- Valve part
- Short-term replacement items
- Pump castings

Aero & Defence

- Seat frames
- Cabin frames
- Shields
- Connectors
- Brackets
- Cargo frame structures
- Bulkheads and support frames

General Manufacturing

- Machine tool dies
- Rail rolling stock
- Wheels and wear components
- Pump castings and impellors
- Shafts and valves
- Food machinery components
- Agricultural equipment parts

Mining, Oil & Gas

- Mining hardware
- Valves and connectors
- In-situ repairs
- Replacement cast and forged components for underground / drilling equipment
- Frames

Business Model

CONTRACT MANUFACTURING	LICENSING, SERVICE & MAINTENANCE OPTIMISATION	ARCEMY® SALES	CONSUMABLES SUPPLY
• Fee for Service manufacturing for customers • Significant markets - Targeting Singapore (Asia) first • Design optimisation service for WAM® Additive Manufacturing • Customised production of specialist parts saving time and money	• Ongoing annual service fee, including training, software updates and staffing • Optimisation services to continually improve the quality of the welding technology	• Mobile 3D printing modules available for sale • High demand from marine, mining and oil & gas industries to have capability in-house • Services remote locations generating significant cost and time savings	• Key agreements with major global producers for wire feed stock • Consumable wire feed stock provides ancillary revenue stream
MODEL TO MARKET	**MODEL TO MARKET**	**MODEL TO MARKET**	**MODEL TO MARKET**
Direct to customer via AML3D on approved vendor list	Long term support contracts post sale of ARCEMY® units	Module sales via appointed global distributors, two appointed to date	Direct to customer and indirect through distributors

AML3D HAS A COMPLEMENTARY, MULTIPLE REVENUE STREAM BUSINESS MODEL

Where customers look to establish in-house 3D print capability, the ARCEMY® solution provides the technical solution together with structured service and support. For customers requiring a cost effective contract manufacturing service with short lead times, the bureau model provides an efficient service with a centre in Australia and another to be established in Singapore.

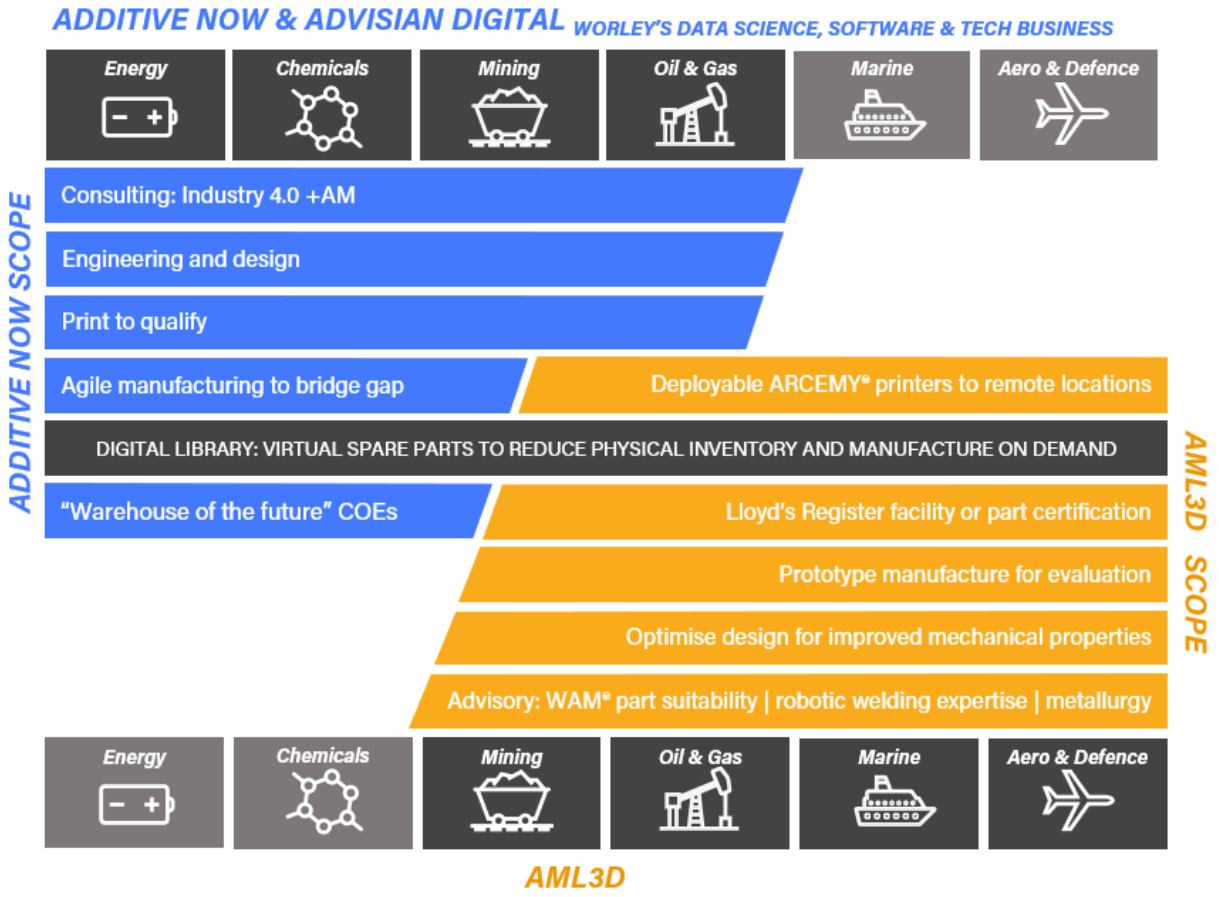
Partnership: AdditiveNow

Strategic partnership positions AML3D for growth

- **Agreement executed** - AML3D entered Strategic Partnership with Worley Limited's (Worley) additive manufacturing joint venture, AdditiveNow
- **Mineral testing program commenced with major Australian mining company**
    - AML3D's WAM® technology aiming to reduce inventory costs associated with high-wear and fatigue loaded components
    - Results to provide valuable technical insight on material properties, performance and strength of WAM®
    - Positive results will extend AML3D's reach to new global markets, fast-tracking the widespread adoption of the Company's technology suite

About AdditiveNow

AdditiveNow is a joint venture between Worley's data science, software and technology division 'Advisian Digital' and Aurora Labs Limited. Provides additive manufacturing, engineering expertise and bespoke 3D printed complex parts for the energy, chemicals and resources industries



Partnership: ARCEMY® Sales

AML3D delivers ARCEMY® modules to customers in Singapore and Australia

- **1st ARCEMY® module -** delivered to ST Engineering in June 2020
  - Acquired under a “rent to buy” agreement where AML3D retains the right to use 50% of the ARCEMY® module’s capacity through the ‘rent’ period
  - Provides flexibility for AML3D whilst establishing its Singapore facility
- **2nd ARCEMY® module –** purchase by Rowlands Metalworks in November 2020
  - The highly specialised ARCEMY® unit will additively join sheet metal structures and manufacture bespoke components for Rowlands Metalworks’ customers in Australia
- **3rd ARCEMY® module –** purchase by iKAD Engineering in December 2020
  - iKAD Engineering are a highly specialised Mechanical and Structural Engineering Company providing a diverse range of services across Australia and overseas
  - The ARCEMY® module will produce large-scale pipes of multiple length and diameter dimensions
- Sales deliver key market penetration, expected third party validation could accelerate adoption of AML3D’s WAM® technology

Investment Summary and Catalysts

AML3D® is the first wire arc manufacturing facility globally to receive an “Additive Manufacturing Facility Qualification” from Lloyds Register

Clear advantages over substrative and powder AM based manufacturing methods

Targeting Tier-1 marine, defence, aerospace, mining, energy and general manufacturing industries

Engaged with large number of customers that have the potential to deliver significant contract manufacturing revenues

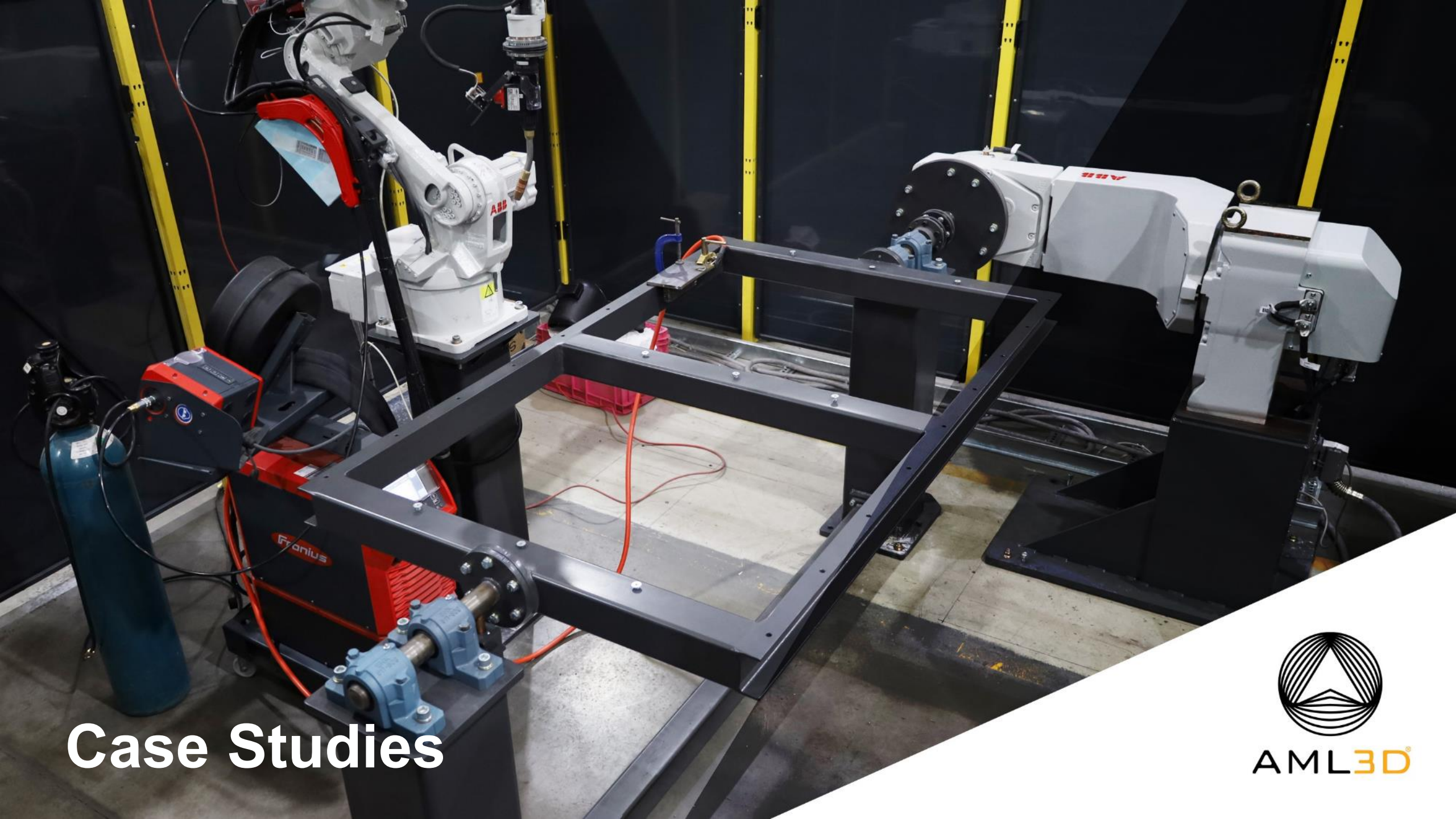
Capitalised (c.A$11 million) to deliver sustainable revenue growth and underlying earnings

Upcoming catalysts

- **Near term customers program catalysts:**
  - **Lightforce –** Progression of body armour program, Stage 2
  - **Austal –** Destructive testing results of prototype lifting device
  - **AdditiveNow –** Purchase order from AdditiveNow client base for the purposes of performance testing for mining client
  - **Keppel –** Panama Chock physical load testing in Q3/4-FY21 with results to follow
  - **ST Engineering –** Strategic discussions and customer support
  - **3DPC –** Purchase order(s) from 3DPC client base for the purposes of performance testing
  - **Spare Parts Provider –** Performance testing results
  - **Thyssenkrupp and Wilhelmsen –** WAM® validation
  - **The initiation of new customer programs**
- Installation of new production units at Adelaide facility
- Technology enhancements from joint development collaborations (CSIRO & AMGC)

Investor Presentation

Thank you



Case Studies

AML3D

Defence: New Armour Systems

AML3D to expand its armour system offering

- **AML3D has attracted inbound interest to develop additional armour systems**
- AML3D to apply advanced IP to develop:
    - Ballistic body armour systems
    - Blast resistant body armour systems
    - Ballistic and blast resistant vehicle/drone/componentry armour systems
- Custom armour solutions to deliver enhanced protection
    - The limitations of subtractive manufacturing methods restrict the versatility of armour systems, impacting the range of available solutions
    - WAM®'s capability to produce custom armour systems to satisfy specific needs is of great value to defence forces globally
- AML3D has initiated scope discussions with a large Asia based defence contractor. The Company anticipates to deliver components for performance testing in the December quarter

Defence: Austal

AML3D expands its marine presence with Austal

- AML3D® has executed a contract with Austal Limited (ASB.ASX) ('Austal') to develop components for maritime defence applications
- **First project:** The design and manufacture of a next generation lifting device that is:
    - Lighter and more ergonomically friendly
    - Possesses enhanced load-bearing capabilities
- This project is highly aligned with AML3D®'s strategic goals and will inevitably validate and exemplify the capabilities of AML3D to the Australian and the broader global defence market
- Austal is interested in exploring WAM®'s robotic capabilities in large scale ship module constructions

About Austal

Austal is a global, ship-building defence prime contractor, specialising in design, construction and support of defence and commercial vessels

Defence: ASC Shipbuilding

AML3D commences manufacturing evaluation program with ASC Shipbuilding

- AML3D has executed a contract with ASC Shipbuilding, a subsidiary of BAE Systems Australia, to undertake a manufacturing evaluation program for the Department of Defence contractor
- ASC Shipbuilding is focused on unearthing new technologies that maximise the cost effectiveness of local manufacturing whilst minimising lead-times for ship sustainment
- **First project:** Produce various geometric parts in a range of metal alloys with the objective of meeting BAE's internal standards for additive manufactured products
- AML3D components to be assessed for use as a suitable manufacturing solution to support continuous naval shipbuilding for the Australian Government
- This project will provide additional validation of AML3D's WAM® technology within the marine industry

About ASC Shipbuilding

ASC Shipbuilding is a leading Australian defence contractor focusing on marine vessels. ASC has been awarded a contract to design and manufacture nine Hunter class frigates for the Royal Australian Navy

Marine: 3DPC Propeller

AML3D delivers propeller to 3D Printing Corporation (3DPC)

- AML3D designed and manufactured a stainless-steel grade 316L propeller for one of 3DPC's clients
- The 'showpiece' propeller to demonstrate the advantages of AML3D's WAM® technology over traditional casting methods
- Over the coming months, 3DPC's clients will verify WAM®'s capabilities
- Successful validation may lead to commercial contracts with various 3DPC clients
- Significant opportunity to capitalise on the growing global market for propellers that is anticipated to reach ~US$5.4bn by 2022 with considerable demand coming from the APAC region*

About 3DPC

3DPC is a Japanese based 3D printing consultancy firm, focused on unearthing innovative, industry 4.0 technologies capable of enhancing the manufacturing capabilities of their clients

*https://www.prnewswire.com/in/news-releases/marine-propeller-market-worth-537-billion-usd-by-2022-654972273.html

Marine: Thyssenkrupp & Wilhelmsen

AML3D commences production of impeller for Thyssenkrupp and Wilhelmsen

- AML3D to manufacture a marine-grade stainless steel impeller for Thyssenkrupp and Wilhelmsen, operating the largest maritime network in the world
- The impeller is to be manufactured to demonstrate the advantages of WAM® over traditional casting methods
- Successful validation may represent a significant commercial opportunity for AML3D

About Thyssenkrupp and Wilhelmsen

Thyssenkrupp is a German industrial and technology business conglomerate and one of the largest steel producers in the world. Wilhelmsen is a Norwegian maritime industry group operating the largest maritime network in the world

Thyssenkrupp and Wilhelmsen have established a 3D printing joint venture aiming to optimise the production and deliver process of 3D printed spare parts for the maritime industry

Appendices

AML3D

Corporate Timeline

AML3D®

Facilities

Australian Facility (ADELAIDE)

AML3D® has relocated to a new facility to accommodate planned growth and consolidate manufacturing operations:

- Approximately 250m^2 of office space
- Approximately 3,300m^2 Warehouse & Manufacturing
- Benefits of Adelaide operations:
  - central location to service Australian customers
  - commercial property in Adelaide is affordable
  - skilled and affordable labour

Singapore Facility (TO BE ESTABLISHED)

AML3D® to establish a Singapore contract manufacturing centre in order to provide a rapid response to growing customers base located within the Asia-Pacific region.

- Once a lease is finalised the Company anticipates the facility will be commissioned within six months.
- Given the impact of COVID-19, the Company aims to meet capacity demands for contract manufacturing in Singapore (until facility is establish) by utilising:
  - the ST Engineering ARCEMY® unit as a demonstration model
  - capacity at the expanded Adelaide Contract Manufacturing Centre

