

**ASX CODE: AL3**

**CAPITAL STRUCTURE**

Share Price	\$0.365
Shares on Issue	153m
Market Capitalisation	\$54.6m
(as at 24/12/20)	

**MAJOR SHAREHOLDERS**

Andrew Sales	26.5%
Perennial Value Mgmt	9.0%

**BOARD & MANAGEMENT**

**Stephen Gerlach AM**  
Non-Executive Chairman

**Andrew Sales**  
Managing Director

**Sean Ebert**  
Executive Director

**Kevin Reid**  
Non-Executive Director

**Len Piro**  
Non-Executive Director

**Christine Manuel**  
Company Secretary

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# IKAD ENGINEERING PURCHASES HIGHLY SPECIALISED ARCEMY® MODULE

**HIGHLIGHTS**

- **Sale of highly specialised Arcemy® module to iKAD**
- **Initial \$300k purchase order received; final sale value in excess of \$500k, subject to agreement on final specifications**
- **iKAD Engineering is an engineering solutions provider to Defence, Industrial, Natural Resources and Water Technology sectors**
- **Arcemy® module to provide iKAD with robotic automation for large scale pipe manufacture featuring varying widths and diameters**
- **The fit-for-purpose customisation of Arcemy® modules for Australia's manufacturing sector presents a significant opportunity**

AML3D Limited (ASX: AL3) ("**AML3D**" or "**the Company**") is pleased to announce the sale of a highly specialised Arcemy® multi-dimensional Robotic Welding and additive manufacturing solution to iKAD Engineering ("**IKAD**").

iKAD Engineering, headquartered in Western Australia, is a mechanical and structural engineering company providing project management and engineering solutions to Defence, Industrial, Mining, Marine, Oil & Gas, and Water Technology industries.

iKAD recognised the advanced capabilities of AML3D's Arcemy® module and its underlying Wire Arc Manufacturing ("**WAM**") technology. With its flexible configuration, the Arcemy® module's ability to manufacture large scale structures of multiple length and diameter dimensions will provide iKAD with the opportunity to manufacture with higher deposition speeds and less downtime than traditional manufacturing practices.

The production efficiencies that the robotic, dual wire feed Arcemy® module will offer iKAD will lead to a clear advantage as a versatile system designer and fabricator. Furthermore, the module's integration will provide both iKAD and AML3D with the opportunity to strengthen Australian Sovereign Capability manufacturing offering to Defence.

The initial application by iKAD for the Arcemy® module will be to manufacture pipes of multiple length and diameter dimensions. Pipes will feature elbows and flanges respectively, will vary between 4 and 12 metres in length: featuring diameters between 500 and 4,000 mm in size.

The phase one purchase order, for equipment and engineering design for the supply of a highly specialised Arcemy® module tailored specifically for iKAD manufacturing applications, is valued at \$300,000 ex GST. The purchase order is on standard commercial terms. After completion of phase one, it is anticipated that a second purchase order will be issued for construction, programming and commissioning. This is anticipated to be a similar amount to the phase one purchase order, subject to definition and agreement of specifications during phase one.

The sale of the Company's third Arcemy® module is an exciting milestone for AML3D. Its supply demonstrates further market penetration of this system into diversified engineering businesses and acts as an additional case study on how Arcemy® units can be customised to suit particular customer needs.

AML3D is thrilled with the opportunity to further support local companies in their transition towards Additive and Advanced Manufacturing, assisting in the ongoing restoration of Australia's manufacturing sector.

Mr Ivan Donjerkovich, iKAD Engineering's Managing Director, commented:

*"We are excited to work with AML3D by making a significant investment to enhance our manufacturing capabilities and grow our business through driving advances in Australia's sovereign manufacturing capacity and technology. Australia has an enviable opportunity in being at the forefront of the biggest shifts in manufacturing since the early 1900's and we intend to be a big part of this focus in the Additive Manufacturing space. Our initial focus with this unit will be on servicing key clients within the Oil and Gas sector with future potential also in Defence and other industries."*

Mr Andrew Sales, AML3D's Managing Director, commented:

*"We see the iKAD Engineering purchase as a strong vindication of our ability to supply and commission a highly specialised multi-dimensional robotic pipe welding solution. The customisation of the Arcemy® module cements its commercial viability, and most importantly allows our customer to improve their manufacturing efficiencies through automation, 3D metal printing and additive joining."*

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

**For further information, please contact:**

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### **About AML3D Limited**

AML3D (ASX:AL3) is an Australian public company redefining the standards of productivity. Incorporated in 2014, AML3D utilises 3D printing to solve complex challenges with metallurgy, patented WAM® process, proprietary software WAMSoft®, creating certified, industrial products more sustainably. AML3D provides additive manufacturing on-demand services in contract manufacturing centres. It is the original equipment manufacturer of Arcemy®, metal 3D printers that utilise local materials to manufacture high-performance products closer to the location of use.

### **About iKAD Engineering**

iKAD Engineering combines engineering expertise and unmatched subject matter knowledge levels with fully internationally accredited manufacturing, maintenance, repair, and overhaul capabilities. We deliver the best value and highest quality products and services that ensure reduced life cycle costs and maximum asset availability. iKAD has extensive capability and experience in heavy mechanical engineering, including gearboxes and propulsion systems. iKAD also has a strong history in many other ship systems including propellers, clutches, thrusters, stabilisers, elevators, steering and HVAC.