



## TITOMIC COMMENCES TRADING ON THE ASX

### Highlights:

- \$6.5 million raised in a heavily oversubscribed, fully underwritten, Initial Public Offer (IPO)
- Funding to commercialise proprietary technology for cold-gas dynamic spraying of titanium or titanium alloy particles
- Titomic's metal additive manufacturing process is currently one of the fastest in the world
- Titomic is building one of the world's largest metal additive manufacturing machines in Melbourne, planned for commissioning in first quarter 2018

**Melbourne, Australia, 21 September, 2017:** Australian metal additive manufacturing (3D printing) Company Titomic Limited (ASX: TTT) commences trading on the Australian Securities Exchange (ASX) today after successfully completing a fully underwritten \$6.5 million initial public offering (IPO).

The Company issued 32.5 million shares at \$0.20 per share in the IPO, giving it a market capitalisation of \$22.7 million upon listing.

The funds raised from the IPO will enable Titomic to complete commissioning of its major Melbourne facility, co-develop production parts with clients, and build sales capacity of Titomic systems.

Titomic is an Australian additive manufacturing specialist which has been established to deliver industrial scale manufacturing processes using its proprietary Titomic Kinetic Fusion process, to enable companies to leverage advanced materials.

Titomic has worked with the Commonwealth Scientific and Industrial Research Organisation (CSIRO) to develop a technology that applies cold-gas dynamic spraying of titanium or titanium alloy particles onto a scaffold to produce a load-bearing structure. Titomic has exclusive rights to commercialise this proprietary and patented process.

This technology forms part of a unique 3D printing process developed by Titomic and is branded as Titomic Kinetic Fusion. The Titomic Kinetic Fusion technology process sprays Titanium metal powder at supersonic speeds up to three times the speed of sound, causing the particles to impact and bond with the scaffold material.

This unique process mitigates oxidation issues and size limitations associated with other 3D printing processes. The potential applications for this technology includes the manufacture of low volume, high value components for the aerospace and defence sectors, alongside medium to high volume applications in

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sectors including sporting goods, medical, automotive, building, construction, industrial equipment and marine.

Titomic's Chairman Mr Philip Vafiadis said:

*"The Company is building one of the largest metal additive manufacturing machines in the world at its facility in Melbourne with a 40.5 cubic metres build area and will have the fastest 3D printing build speeds of up to 45 kg per hour."*

Titomic has advantages over traditional forms of manufacture (not only 3D printing) for large parts made from titanium and titanium alloys. Titomic has validated these claims with extensive research on a titanium bicycle frame as an example of the technology's capabilities.

Titomic's Chief Executive and Technical Officer Mr Jeffrey Lang added:

*"Speed to market is key for many industries. A single Titomic production cell can manufacture two bicycle frames per hour at a much lower cost and approximately four times faster than a highly-qualified human titanium welder and finisher. This same technology presents outstanding opportunities across various applications and we thank our new and existing shareholders for their support as we aim to bring Titomic to a wider market."*

Melbourne-based PAC Partners acted as lead manager and underwriter to the IPO.

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**About Titomic:**

Titomic (ASX:TTT) is headquartered in Melbourne, Australia. The company overcomes limitations of previous additive manufacturing (3D printing) for metals to manufacture complex parts without shape or size constraints. Titomic offers design and manufacturing methods to enable speed-to-market, superior products at lower production costs and using less resources for a more sustainable future.

Titomic additive manufacturing machines that can customise build size to customer requirements offer additive manufacturing advantages at industrial scale. Multiple robots can be utilised to build larger parts, competing with traditional manufacturing solutions for industries such as aerospace and defence, sporting goods, medical, automotive, industrial equipment, construction and marine.

Other benefits of the Titomic Kinetic Fusion technology include:

- Joining dissimilar metals and composites for engineered properties in a structure
- Stronger structures without welding, folding or bending
- Reduced time to market; no tooling, industry-leading production speeds

Clients will be offered a licence to manufacture via the Titomic Kinetic Fusion technology. Titomic's revenue model will also provide clients with R&D prototyping services, Titomic equipment sales, powder and consumables supply, equipment service and maintenance. For more information visit: [www.titomic.com](http://www.titomic.com)

**Forward-looking statements:**

Certain statements made in this release are forward-looking statements and are based on Titomic's current expectations, estimates and projections. Words such as "anticipates," "expects," "intends," "plans," "believes," "seeks," "estimates," "guidance" and similar expressions are intended to identify forward-looking statements. Although Titomic believes the forward-looking statements are based on reasonable assumptions, they are subject to certain risks and uncertainties, some of which are beyond Titomic's control, including those risks or uncertainties inherent in the process of both developing and commercialising technology. As a result, actual results could materially differ from those expressed or forecasted in the forward-looking statements. The forward-looking statements made in this release relate only to events as of the date on which the statements are made. Titomic will not undertake any obligation to release publicly any revisions or updates to these forward-looking statements to reflect events, circumstances or unanticipated events occurring after the date of this release except as required by law or by any appropriate regulatory authority.

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