



Titomic a Core Partner in \$4.9M Research Training Centre Grant

Melbourne, Australia, 7th August 2018: Titomic Limited (ASX:TTT) (“Titomic” or “Company”) is excited to announce today its involvement as a core industry partner in a new \$4.9 million Australian Research Council Training Centre (“ARC Training Centre”) for the Surface Engineering for Advanced Materials (“SEAM”) with Swinburne University of Technology (“Swinburne”).

This ARC funding will see the creation of a Titomic Kinetic Fusion R&D facility at Swinburne capable of incubating multiple additive manufacturing projects. Titomic will work in conjunction with fellow core partner the Australian Nuclear Science and Technology Organisation (ANSTO), as well as Swinburne PhD students and post-doctorate researchers, to further the capabilities of the existing Titomic Kinetic Fusion systems.

Additive Manufacturing (AM) technologies addressed by SEAM are considered as the most challenging since they involve fabricating net and near-net artefacts fashioned from difficult to process metals such as titanium alloys. Currently the two prime methods of AM are: Titomic Kinetic Fusion and laser technology. Both of these high technology AM variants will be subject to further R&D within SEAM.

Under the research grant, a Smart Factory designed to utilise advanced automated robotic systems will be built to integrate core principles of Industry 4.0 and create cyber-physical systems for commercial additive manufacturing of specialty bespoke metal alloy products using Titomic Kinetic Fusion as a commercial AM system.

The research grant will also see the ARC Training Centre integrate world-leading industry-university cooperation in applied training and novel research outcomes and applications with a specific focus on surface engineering. The project team will be trained on aspects of the Titomic Kinetic Fusion process that are unique to AM technology.

Titomic CTO, and named SEAM core partner investigator Jeff Lang said;

“The new ARC Training Centre will allow the creation of the Titomic Kinetic Fusion R&D facility at Swinburne University. This will result in the creation of cutting-edge material advancements and commercial manufacturing systems that are based on Industry 4.0 to enhance the Titomic Kinetic Fusion process as a viable commercial manufacturing integrated system.”

Commenting on the \$4.9M research training centre grant Titomic CEO Gilbert Michaca said;

“This federal government grant comes at an exciting time for Titomic and the entire metal additive manufacturing sector which is currently experiencing exponential growth worldwide. Titomic will invest \$250,000 over a 5-year period as a core partner in the SEAM project to assist the creation of the ARC Training Centre whilst highlighting Titomic as the global leader of industrial scale additive manufacturing.

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Page 1 of 2



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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 with 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

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.