



## Corporate Update – December 2017

### **Highlights:**

- **Development of Melbourne facility is on schedule**
- **Chinese patent granted- further patents expected in near term**
- **Appointment of key operational staff with design and manufacturing industry experience**

**Melbourne, 21 December, 2017:** Australian metal additive manufacturing company, Titomic Limited (ASX: TTT) (“Titomic or “Company”) provides the following update on its operational progress and business development.

### **Update on new Melbourne facility**

The development of Titomic’s new fully-automated manufacturing facility in Melbourne remains on schedule.

The robotics and critical componentry for Titomic’s manufacturing systems arrived in November 2017. Titomic anticipates the R&D and manufacturing facility will be ready in Q1 CY2018, with production trials to commence in Q2 CY2018.

Once complete and commissioned, Titomic’s fully automated production line will be capable of manufacturing and finishing/polishing complex-shaped Titanium products for a number of industries including sporting goods, aerospace, military, marine, automotive, building and construction, industrial equipment, medical and mobility equipment.

### **Patents**

The Chinese patent has been granted for the application of cold-gas dynamic spraying of titanium or titanium alloy particles onto a scaffold to produce a load-bearing structure. In addition to the recently granted New Zealand, Japanese and US patents, this Chinese patent further expands Titomic’s global revenue market opportunities to now cover some of the world’s largest economies.

Titomic has been advised that the European and Australian patent offices have completed examining patent applications and we expect these patents to be granted in the near term.

### **Appointment of high calibre design and manufacturing industry professional - Mr. Leon Gairns**

Since the Company’s IPO in September 2017, Titomic has developed its in-house capabilities and further strengthened the team with the appointment of several highly experienced personnel including the following key operational role.

Mr. Leon Gairns has been appointed as Titomic’s General Manager of Research & Development.

Mr. Gairns is an engineering professional with more than 20 years’ experience in design, process and manufacturing operations. He has held previous roles in project delivery, design and additive manufacturing for a leading electric automaker, and automotive brands including Toyota, Ford and General Motors.

Mr. Gairns' project experience in the aerospace, industrial and medical sectors will be pivotal to his management of Titomic's bespoke R&D projects across various industries.

Mr. Gairns will work with Titomic's CEO and CTO, Mr. Jeff Lang, to manage customer R&D projects across key industries, including the design and manufacture of high performance bicycle frames.

### **Commercial update**

Negotiations and discussions are at various stages, with a number of potential new customers in the sporting goods, US aerospace, European naval and Australian ship building industries.

At the beginning of December 2017, Titomic attended the 2017 Asia Pacific International Conference on Additive Manufacturing (APICAM) at RMIT University, Melbourne. APICAM is the largest conference of its kind held in the Asia Pacific region and was attended by additive manufacturing companies and industry experts.

The conference provided an opportunity for Titomic to update the industry on its Titomic Kinetic Fusion process and enabled the Company to engage in conversations with leading technical experts from industries such as metals engineering, aerospace and defence.

Titomic CTO and CEO, Mr. Jeff Lang commented:

*"The arrival of the robotics was in line with expectations and is an important milestone as we push ahead with the completion of the facility in Q1 2018.*

*We are very happy with the progress of our patent portfolio with the addition of the Chinese patent and look forward to the receipt of the pending Australian and European patents in due course.*

*Leon Gairns is a very highly regarded individual in his respective industries and we are delighted to have attracted such experienced personnel to the business.*

*Titomic has made significant progress since listing in September 2017, and we are well-positioned to achieve our goals in 2018."*

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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.