



## Titanium Load-Bearing Structure Patent Granted in Europe

- **Titomic secures European patent for Aerospace, Defence and Automotive sectors**
- **Europe patent protects Titomic's IP in 3<sup>rd</sup> largest manufacturing continent**
- **IP provides viable titanium Additive Manufacturing solutions to European market**

**Melbourne, Australia, 22 February, 2019:** Australian metals and materials manufacturing company Titomic Limited (ASX: TTT) ("Titomic" or "Company") is pleased to announce the granting of the European patent for the application of cold-gas dynamic spraying of titanium or titanium alloy particles onto a scaffold to produce a load-bearing structure, known as Titomic Kinetic Fusion™ (TKF).

Titomic Managing Director Mr Jeff Lang commented:

*"This European patent adds further strength to Titomic's considerable patent portfolio licensed from the CSIRO, and provides Titomic with intellectual property (IP) protection to explore vast revenue opportunities for Titomic's Kinetic Fusion (TKF) digital manufacturing solutions.*

*We can now progress discussions with multinational companies who are keen to take advantage of Titomic's TKF additive manufacturing systems, and production services, in the world's third-largest manufacturing continent, Europe."*

Titomic has an exclusive right granted by Commonwealth Scientific and Industrial Research Organisation's (CSIRO) to commercialise the patent, 'A process for producing a titanium load-bearing structure'. The granting of this patent provides technical protection surrounding the manufacture of titanium and titanium alloy products using Titomic's Kinetic Fusion digital manufacturing solutions for European markets.

The TKF process provides a viable digital additive manufacturing solution for key European industries including aerospace, defence, automotive, consumer & sporting goods, oil & gas, mining, marine, medical, construction and industrial equipment.

Patents for the Titomic Kinetic Fusion technology have now been secured in the United States, China, Australia, Japan, New Zealand, with further patents pending approval in Hong Kong and South Korea.

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**About Titomic Limited:**

Titomic (ASX:TTT) is headquartered in Melbourne, Australia. Titomic is positioned to change the value proposition of Titanium, to unlock new applications and open opportunities that are now technically and economically viable with its proprietary Titomic Kinetic Fusion™ (TKF) technology platform.

TKF overcomes the limitations of additive manufacturing (3D printing) for metals to manufacture complex parts without shape or size constraints. TKF offers production run capability, sale & leasing of systems to organisations, which enables speed-to-market, superior products with lower production inputs using fewer resources for a more sustainable future.

Titomic's TKF enables first mover advantage in industrial scale manufacturing for sectors such as aerospace, defence, resources (oil & gas, mining, rail, chemical & industrial equipment), marine, construction, automotive, medical and consumer & sporting goods. 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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