

20 August 2021

TITOMIC SELLS TKF1000 TO LEADING RESEARCH ORGANISATION TWI UK

- TWI UK purchases TKF1000 System from Titomic
- The UK's Aerospace Technology Institute provided the funding to grow Aerospace manufacturing further.

Titomic has received a purchase order from TWI of GBP1.2 Million (app. A\$2.28 Million at today's rates) to supply a TKF1000 System which will be shipped in May 2022. TWI is a leading research and technology organisation in the UK, and this purchase is funded by the Aerospace Technology Institute and will form the basis of TWI's overarching Cold Spray Additive Manufacturing Project, due to be completed before the end of 2022. The TKF1000 will allow TWI's Industrial Members to join a portfolio of projects under the umbrella of the Cold Spray AM Project, as they develop and validate manufacturing opportunities while providing a unique competitive advantage to the UK aerospace industry.

The use of the TKF System offers a number of advantages, particularly when considering fabrication from materials that are typically challenging to process by fusion-based approaches (e.g., those that suffer from oxidation, solidification cracking, anisotropic grain growth, etc.). The UK Aerospace sector will gain strategic advantage from the system's ability to work with a wide range of metals and the potential to create large components in a short space of time, creating cost reductions, reduced lead and downtimes, and simplified supply chains are of strategic advantage to the UK aerospace sector.

Commenting on the agreement, CEO of Titomic, Mr. Herbert Koeck, stated:

"This is a significant milestone for Titomic. TWI are recognised as a leader in metals research for manufacturing applications and with their strong membership portfolio, this acquisition highlights the importance of the TKF System as a manufacturing technology. We are excited to be working with TWI and look forward to continued growth opportunities in the UK".

Commenting on the agreement, Section Manager, Dr Henry Begg, stated:

"TWI are excited to expand our cold spray capability significantly with the acquisition of the TKF1000 system. Having been active in cold spray research for the past 15 years, we will now be able to perform larger and more complex fabrications and, working closely with Titomic and our wide industrial membership base, develop the potentially revolutionary opportunities this technology brings. Complementing our existing facilities for laser, arc and electron beam additive manufacture, the TKF1000 offers a fundamentally new approach to fabrication, bypassing some of the challenges associated with solidification and opening up the possibility of multi-material builds."

This announcement has been authorised for release by the board of Titomic Limited.



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TWI are a membership-based organisation, supporting both individuals and companies alike. TWI exist to provide authoritative and impartial expert advice, knowhow and safety assurance through engineering, materials and joining technologies – helping you design, create and operate the best products possible. Descended from the British Welding Research Association (BWRA), TWI have grown into one of the foremost independent research and technology organisations, spanning innovation, knowledge transfer and problem resolution across all aspects of welding, joining, surface engineering, inspection and whole-life integrity management. For more information please visit: www.twi-global.com

About Titomic Limited:

Titomic Limited (ASX:TTT) is an Australian public company specialising in digital manufacturing solutions for industrial scale metal additive manufacturing using its patented Titomic Kinetic Fusion® (TKF) technology. The TKF technology provides unique capabilities for producing commercially viable additively manufactured metal products competing directly with traditional manufacturing methods. Titomic provides OEM production and R&D services from their TKF Smart Production Bureaus to the global Aerospace, Defence, Shipbuilding, Oil & Gas, Mining and Automotive industries. Titomic also provides an extensive range of metal powders for 3D Printing especially Titanium and super alloys whilst providing sales and support services for their TKF production systems. For more information please 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 and circumstances.

