



Titomic signs MoU with Lasting Titanium the Leading Titanium HDH Metal Powder Producer in China

- **MoU to secure exclusive supply of new price point Titanium Powders for Titomic Kinetic Fusion™ (TKF).**
- **New commercial opportunities opened for titanium products across multiple industry sectors.**
- **Creates viability for TKF systems to compete with traditional manufacturing.**

Melbourne, Australia 19th December, 2018: Australian metal additive manufacturing (3D printing) Company Titomic Limited (ASX: TTT) ("Titomic" or "Company") today announced it has entered into a Memorandum of Understanding ("MoU") with Shaanxi Lasting Titanium Industry Co. Ltd ("Lasting Titanium"), the largest manufacturer and exporter of titanium powder in China.

The MoU commences with immediate effect and will enable Titomic to work with Lasting Titanium to secure the supply of low-cost Commercially Pure Titanium powders produced using Lasting Titanium's technologies. The partnership will also enable the cooperative development of new titanium powders for Titomic Kinetic Fusion™.

Lasting Titanium's irregular powder provides Titomic's customers with a price point alternative to go with Titomic's other range of mid-end and aerospace grade titanium powders. Lasting Titanium's irregular powder morphology is suitable for industrial scale additive manufacturing via TKF systems. Other additive manufacturing processes cannot utilise this price point irregular powder.

Titomic Kinetic Fusion is a unique metal 3D printing AM technology with its versatility to utilise both spherical and irregular morphology metal powders for the manufacture of industrial scale metal products. This diversity presents Titomic with more opportunities in industries such as building, marine automotive and oil & gas where application of titanium was previously economically unviable. Titomic customers are well-positioned to add value to existing traditional manufacturing or to develop next-generation products with Titomic's metal powder range.

Titomic Managing Director, Mr. Jeff Lang commented:

"This MoU will provide exclusive supply of large volumes of price point titanium powder for use in Titomic's TKF systems to create new commercial opportunities for titanium in traditional industries in a more efficient and sustainable way for industrial scale manufacturing".



Lasting Titanium's Gloria Wang, Cai Longyang, Zheng Xiaofeng, Wang Qi Lu, and Titomic's Jeff Lang & Vahram Papyan

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About Shaanxi Lasting Titanium Industry Co. Ltd (Lasting Titanium)

Lasting Titanium, based in Xi'An, China, is the largest manufacturer and global exporter of Titanium and Titanium alloy products in China. Lasting Titanium has been supplying to the Automotive, Aerospace, Defence, Medical and 3D Printing industries for 20 years. The company is also involved in research into rare metal production, smelting, forging, rolling, finishing, physical and chemical analyses and non-destructive testing. Lasting Titanium has achieved international standards of ISO, AMS, ASTM, MIL across aerospace, navigation, military, medical and chemical industries.

For more information, visit: www.lastingtitanium.com

About Titomic Limited:

Titomic (ASX:TTT) is headquartered in Melbourne, Australia. The company overcomes limitations of additive manufacturing (3D printing) for metals to manufacture complex parts without shape or size constraints. Titomic Kinetic Fusion™ offers manufacturing which enables speed-to-market, superior products with lower production inputs and using fewer resources for a more sustainable future.

Titomic systems can be customised to client requirements offering additive manufacturing advantages at industrial scale. Multiple robots can be utilised to scale up in both speed and size to compete with traditional subtractive manufacturing for industries such as aerospace, defence, resources (oil & gas, mining, industrial equipment), marine, construction, automotive and consumer & sporting goods.

Other benefits of the Titomic Kinetic Fusion technology include:

- Joining dissimilar metals and composites for engineered properties in a structure
- No heat-related oxidation or distortion issues when it comes to manufacturing large parts
- Reduced time to market with industry-leading deposition speeds

Titomic's business model involves providing clients with feasibility tests and manufacture of prototypes to work out the manufacturing costs of the product. Clients will be offered a licence to manufacture via Titomic Kinetic Fusion™ or choose to commission their own Titomic system. After the system sales, Titomic continues to support clients with powder and consumables supply, system upgrades, 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.