



July 29, 2022

## ASX Announcement

### GENERAL BUSINESS

### ADDITIVE MANUFACTURING

Barrels  
Tooling  
Ballistics  
Structures  
Embedded Sensors

### COATINGS & REPAIRS

Wear Resistance  
Repairs  
Corrosion  
Energy  
Cookware  
Radiation Shielding

# Quarterly Activities Report – Titomic ramps up commercialisation.

## Q4 Financial Year 2022 Highlights:

- Signed joint venture with Repkon to establish the world's first hybrid cold spray manufacturing facility to supply barrels for the defence sector
- Entered joint venture with Neos International to create a world-leading additive manufacturing tooling production capability for the defence, space, nuclear, automotive, and aerospace sectors
- Sale of first D523 System into Asia Pacific
- Completed Factory Acceptance testing prior to shipment of the Company's first commercially ordered turnkey glass mould coating system
- Completed Site Acceptance and installation of Titomic TKF 1000 at TWI UK
- Received purchase order to create radiation shielding for the world's first additively manufactured satellites for Fleet Space Technologies
- Senior management appointments of Mr Neil Matthews as head of business development – repairs, and Mr Bruce Colter as general manager – Titomic USA

**Titomic Limited (ASX: TTT) (Titomic or the Company) provides its Appendix 4C cash flow and activity report for the period ended 30 June, Q4 FY2022.**

## Herbert Koeck, managing director of Titomic, commented:

"The quarter has been pivotal in ramping up the Company's commercialisation, particularly in the defence and aerospace sectors. Our proven technologies of cold spray additive manufacturing processes and TKF machines, are starting to show several sectors in defence, aerospace, mining and oil & gas that our technology can be an important tool to help optimise manufacturing capability and supply chain management. The Company is also utilising its technology in other ways including radiation shielding for the world's first additively manufactured satellites with Fleet Space Technologies."

"Titomic's joint venture strategy is moving forward through the joint ventures with Neos and Repkon. The sales of bespoke systems to not only these joint ventures, but also to TWI, the IPGR network, and D&C Coatings, further bolsters our revenues. Our revenue streams will also be increasingly diversified through sharing of profits in sales of components with partners as well as through consumables, services, and cold spray machine sales."

## TITOMIC

**Titomic Limited** Ground floor, 365 Ferntree Gully Road  
Mount Waverley, Victoria 3149, Australia

[info@titomic.com](mailto:info@titomic.com) | [titomic.com](https://titomic.com)

ABN 77 602 793 644



## GENERAL BUSINESS

## ADDITIVE MANUFACTURING

Barrels  
Tooling  
Ballistics  
Structures  
Embedded Sensors

## COATINGS & REPAIRS

Wear Resistance  
Repairs  
Corrosion  
Energy  
Cookware  
Radiation Shielding

## Operational Update

### Repkon joint venture

Titomic and Repkon signed a joint venture to establish the world's first hybrid cold spray, flowforming manufacturing facility in June. The facility will additively manufacture barrels in the defence sector. Titomic is expected to receive circa AUD7.6 million from the sale of two Titomic Kinetic Fusion (TKF) Systems and a share in the profits from barrel sales.

Titomic is expecting to enter more joint ventures in the defence and aerospace sectors. This is in line with the Company's strategy to enter multiple markets.

### Neos joint venture

In June, Titomic signed a joint venture with Neos International to create an advanced joint-manufacturing facility in the United Kingdom. The facility is the first of its kind to manufacture Invar36 faceplates and additively manufacture metal products for the aerospace, space, defence, automotive, and nuclear industries. Titomic is selling a TKF 2200 bespoke system to the Neos Titomic joint venture for AUD2.4 million, pending final specification. This is another milestone for the Company entering into key markets including aerospace and defence.

### Sale of first D523 System into Asia Pacific

In May, Titomic Australia sold its first D523 System into Asia Pacific to Singapore-based D&C Coating for AUD44,758. Titomic believes that it will be able to sell 20 more D523 Systems into the region in the financial year ending 30th June 2023.

### Sale of first four D523 systems into the Australian transport industry

Titomic has received purchase orders from Australian-based companies for four separate D523 low-pressure cold spray systems, totalling \$314,900 in sales.

### Creation of world's first automated cold spray system for glass mould coatings

Titomic tested and delivered the world's first automated cold spray system for glass mould coatings in May for the International Partners in Glass Research (IPGR) network. The system automatically coats and repairs moulds through the use of artificial intelligence. For each comparable machine sold within the IPGR network, Titomic expects to generate AUD1.7 million over a three-year period.

### Fleet Space Technologies satellites

In June, Titomic announced that it will be creating radiation shielding for the world's first additively manufactured satellites using the TKF cold metal spray coating process. This will be done next year with South Australian-based Fleet Space Technologies' Alpha satellites, which will be used to backhaul geophysical survey data for mining exploration, enabling rapid 3D modelling of vast terrain. The project is further validation of our technology in the aerospace sector.

### Finalised installation of Titomic TKF1000 at TWI UK

In June Titomic finalised the installation of a Titomic TKF 1000 cold spray system worth GBP1.2 million (AUD2.2 million) at leading technology and research organisation, TWI UK. TWI, one of the world's foremost independent research and technology organisations with expertise in materials joining and engineering processes, ordered the TKF 1000 in August 2021. The TKF1000 will play a key role in the Aerospace Technology Institute (ATI) programme, a joint government and industry initiative to offer funding for research and technology development in the UK, to maintain and grow the UK's competitive position in civil aerospace.

### Boeing and Titomic – JP9102 Satellite Program

As part of our commitment to furthering Australia's sovereign manufacturing capability across aerospace and defence, Titomic and Boeing have completed initial tests of our 'green' titanium for space applications with promising results. Now, we're working together to produce and validate demonstrator parts for the JP9102 satellite.

# TITOMIC

**Titomic Limited** Ground floor, 365 Ferntree Gully Road  
Mount Waverley, Victoria 3149, Australia

[info@titomic.com](mailto:info@titomic.com) | [titomic.com](https://titomic.com)

ABN 77 602 793 644



## GENERAL BUSINESS

## ADDITIVE MANUFACTURING

Barrels  
Tooling  
Ballistics  
Structures  
Embedded Sensors

## COATINGS & REPAIRS

Wear Resistance  
Repairs  
Corrosion  
Energy  
Cookware  
Radiation Shielding

## Corporate Update

### Senior management appointments

Titomic bolstered its senior management team with the appointments of Mr Neil Matthews, head of business development – repairs, and Mr Bruce Colter, general manager – Titomic USA, in April. Mr Matthews joined Titomic from RUAG and has over 18 years of industry experience, and Mr Colter is based in Michigan, USA, and has over 25 years of digital manufacturing experience. These hires are another step in scaling the Company in key markets and industries.

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

- - - - - END - - - - -

### INVESTOR CONTACT

#### Adrian Mulcahy

Market Eye

**P:** +61 438 630 422

**E:** [adrian.mulcahy@marketeye.com.au](mailto:adrian.mulcahy@marketeye.com.au)

### MEDIA ENQUIRIES

#### Tristan Everett

Market Eye

**P:** +61 403 789 096

**E:** [tristan.everett@marketeye.com.au](mailto:tristan.everett@marketeye.com.au)

### ABOUT TITOMIC LIMITED

Titomic Limited (ASX: TTT) is an Australian public company specialising in large integrated solutions for industrial-scale metal additive manufacturing, using its patented cold spray additive manufacturing (Cold Spray AM) technology. Titomic provides Cold Spray AM solutions, OEM production and R&D services to the global Aerospace, Defence, Shipbuilding, Oil & Gas, Mining and Automotive industries. Titomic also offers global sales and support for all of its Cold Spray AM activities from its Melbourne Head Office, as well as through local presence in the USA and Europe. Titomic delivers competitive advantages in metal additive manufacturing at every stage in the product value chain. For more information, please 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.

## TITOMIC

**Titomic Limited** Ground floor, 365 Ferntree Gully Road  
Mount Waverley, Victoria 3149, Australia

[info@titomic.com](mailto:info@titomic.com) | [titomic.com](http://titomic.com)

ABN 77 602 793 644