



April 28, 2023

## ASX Announcement

### GENERAL BUSINESS

### ADDITIVE MANUFACTURING

Armaments

Ballistic Protection

Structures

Tooling

Embedded Sensors

### COATING & REPAIR

Metal Restoration

Wear Resistance

Corrosion Protection

Conductive Coating

Inductive Coating

Radiation Shielding

# Quarterly Activities Report - Q3 FY23

## Highlights:

- Successful Site Acceptance Testing of TKF Glass Solutions at Vetropack, Austria.
- Purchase Order of \$132,174 received from Boeing Space, Intelligence, and Weapons Systems.
- Purchase Order of ~\$260,000 received from Triton Systems.
- Further D523 cold spray system sales, generating ~\$226,000 revenue.
- Development of TKF Glass Solutions for glass packaging manufacturing market.
- Strengthening of Titomic's global reseller network.
- Materials innovation achievements surrounding titanium and Inconel 718.

**Titomic Limited (ASX: TTT) ("Titomic" or the "Company")** provides its Appendix 4C cash flow and activity report for the period ended 31 March 2023 (Q3 FY23).

### Herbert Koeck, Managing Director of Titomic, commented:

"Titomic's diversified revenue strategy continues to gain momentum, with new channels driving commercial promise and innovation in the defence, aerospace, and glass packaging manufacturing industries. Our recent launch of the cutting-edge D623 System presents significant opportunities in Europe and abroad, while purchase orders from Boeing and Triton underscore the growing demand for our advanced manufacturing technology. Titomic is at the forefront of innovation in these industries, and we are well-positioned to capitalise on these opportunities and expand sales.

Additionally, our recent installation and acceptance of a TKF Glass Solutions system at Vetropack in Austria, which promises to improve operating efficiency and increase site safety, sets the stage for potential future orders. With this successful installation, we anticipate further growth in the glass packaging manufacturing market in Europe and abroad.

Titomic's commercial strategy and strategic focus are yielding positive results, as evidenced by our expanding reseller network, commercially significant purchase orders, and successful installations of a TKF Glass Solutions system. We are proud to be at the forefront of cutting-edge technologies in multiple industries, and we look forward to capitalising on these opportunities to drive growth, enhance customer value, and strengthen our position as a global leader in cold spray manufacturing."

## Operational Update

### Successful Site Acceptance Testing at Vetropack, Austria

Titomic's automated glass mould coating System - a TKF Glass Solutions System - has passed a Site Acceptance Test at Vetropack in Austria. The System, which utilises AI software for automated cold spray coating and repair of glass moulds, received approval from TÜV Austria for daily operation. With this successful installation and acceptance, Titomic will now vigorously pursue further sales of this system and expects a significant and growing demand within the glass packaging market.

## 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

Armaments

Ballistic Protection

Structures

Tooling

Embedded Sensors

## COATING & REPAIR

Metal Restoration

Wear Resistance

Corrosion Protection

Conductive Coating

Inductive Coating

Radiation Shielding

### Boeing Purchase Order

Titomic has received a purchase order from Boeing Space, Intelligence, and Weapons Systems (Boeing) for \$132,174 to continue pre-flight qualifications of components manufactured using Titomic Kinetic Fusion. This order is a continuation and result of the agreement between Titomic and Boeing made in May, 2019, for the production of test parts, showcasing progress in testing and development of the technology for aerospace applications. The purchase order signifies a significant milestone in the relationship between the two companies and a step towards commercial manufacturing at a larger scale.

### Triton Purchase Order

Titomic has received a purchase order worth approximately \$260,000 from Triton Systems (Triton) for components manufactured using Titomic's patented additive manufacturing technology, Titomic Kinetic Fusion. This order marks another step towards commercialisation of Titomic's technology in the US defence market. The collaboration is expected to drive innovation in the defence industry and beyond, with both companies expressing excitement about the integration of Titomic's technology into Triton's operations for improved manufacturing capabilities and growth.

### Further D523 sales

Titomic has recently received three orders for D523 low-pressure cold spray systems to three separate companies within the rail, aerospace, and surface engineering industries, generating approximately \$226,000 in revenue. The sales were made to a surface engineering company in Germany, an Australian manufacturer, and a Dubai-based aerospace servicing company. The D523 system's versatility and wide range of applications make it an ideal solution with a range of industries, enabling cost-effective repairs, coatings, and application of specialty metals with efficiency.

### TKF Glass Solutions

With the recent successful installation of an automated glass mould coatings system at Vetropack, Austria, Titomic will continue to develop its automated cold spray systems for the glass packaging market, which will be marketed as TKF Glass Solutions.

TKF Glass Solutions are designed to provide a range of commercial benefits, including the elimination of manual mould swabbing and the ability to automatically apply corrosion-resistant coatings to glass moulds. In Australia alone, the glass manufacturing market is valued at \$3.4 billion, with glass packaging manufacturing comprising 41.7% (IBISWorld 'Australian Glass Manufacturing', 2021').

### Strengthening of Titomic's reseller network

Titomic has further expanded its reseller network with the addition of Multistation, France, and Vinnotek, Vietnam, further enhancing Titomic's presence in Europe and Asia. The addition of these resellers further demonstrates the company's continued efforts to establish a strong distribution channel for its cutting-edge additive manufacturing technology, Titomic Kinetic Fusion.

Titomic is now supported by seven resellers across the globe, gaining representation and further strengthening Titomic's presence across key markets such as North America, Asia Pacific, and Europe.

### Materials innovation achievements

Titomic has made significant materials advancements by further optimising the cold-spray process and post-process parameters. Using Titomic Kinetic Fusion, the Company has repeatedly achieved highly dense depositions of Inconel 718 at under 1% porosity - a super alloy often used in aerospace and other high-performance applications.

Additionally, using Titomic Kinetic Fusion, the Company has developed Commercially-Pure Titanium showing a 50% increase in tensile strength compared to conventional titanium (ASTM grade 4). Titomic is now producing results similar to that of the higher grade titanium, Titanium Grade 5, with commercially pure titanium - a far more cost-effective material.

# 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



## GENERAL BUSINESS

## ADDITIVE MANUFACTURING

Armaments

Ballistic Protection

Structures

Tooling

Embedded Sensors

## COATING & REPAIR

Metal Restoration

Wear Resistance

Corrosion Protection

Conductive Coating

Inductive Coating

Radiation Shielding

## Corporate Update

### Titomic Summons

As previously announced, Titomic has been served with a Summons filed with the Supreme Court of NSW which names the Plaintiff as Composite Technology R&D Pty Ltd ABN 52 094 571 187 and the Defendant as Titomic. The claim set out in the Summons is commercially misleading conduct which the Company denies and continues to vigorously defend.

### Company restructure

Titomic has communicated with all employees that a substantial restructure of the Company is required, with some roles becoming redundant. The consultation process will be completed by early May and it is intended that global labour and operating costs will be reduced. Further updates will be provided.

### Neos Joint Venture

Titomic signed a Joint Venture agreement with Neos International Limited (Neos International) in June, 2022. Neos International is part of the UK Neos Group of companies, which has had an administrator appointed. Neos International has also had an administrator appointed and Titomic has written to this administrator to understand the future situation for Titomic and Neos International in relation to the Joint Venture, with no reply yet received. Titomic does not have any assets or investments that will need to be written off as a result.

The commercial viability of Titomic Kinetic Fusion's capabilities pertaining to tooling manufacture remains strong. Titomic has begun conversations with a separate UK-based manufacturer of tooling and moulds to further explore tooling production in the UK.

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

- - - - - END - - - - -

### INVESTOR CONTACT

**Chris Healy**

Titomic

**P:** +61 (0) 429 988 083

**E:** [chris.healy@titomic.com](mailto:chris.healy@titomic.com)

### MEDIA ENQUIRIES

**Ben Andrews**

Titomic

**P:** +61 438 759 620

**E:** [ben.andrews@titomic.com](mailto:ben.andrews@titomic.com)

## 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

Armaments

Ballistic Protection

Structures

Tooling

Embedded Sensors

## COATING & REPAIR

Metal Restoration

Wear Resistance

Corrosion Protection

Conductive Coating

Inductive Coating

Radiation Shielding

### 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