



October 17, 2022

## 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

# Titomic Europe awarded Horizon Europe grant

**Titomic Limited (ASX: TTT) (Titomic or Company)** has been awarded a CoBRAIN grant for its Titomic Europe division as part of the European Union's (EU) Horizon Europe initiative.

Titomic will receive €260,000 (~A\$400,000) in CoBRAIN funding, to research and develop applications of artificial intelligence and machine learning within cold spray applications. The outcomes of the research will assist Titomic in optimising cold spray processes for manufacturing with new and existing materials and metals. The CoBRAIN program will develop novel hard metals for corrosion and wear resistance and validate an integrated computational-experimental material engineering workflow.

Ultimately, the grant funding will further assist Titomic in undertaking research and development to further heighten Titomic's technological competitive edge. The first tranche of funding is expected to be received in FY23.

Horizon Europe is the largest EU research program to date, it aims to meet the United Nations' Sustainable Development Goals, tackle climate change, and increase the EU's growth and competitiveness. Horizon Europe has a €95.5 billion budget and it runs from 2021 to 2027. Horizon Europe is a renewal of Horizon 2020, which ran from 2014 to 2020 and encouraged research and innovation across industry, academia, research, and other stakeholders.

This grant comes after recent success Titomic had with the International Partners in Glass Research (IPGR) network, developing and selling a system for the coating of glass moulds that is a breakthrough in automated cold spray by using artificial intelligence to enhance productivity and mitigate operating costs. Titomic hopes to replicate this product development success with CoBRAIN.

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

"CoBRAIN brings together the brightest minds in the field of metal protection. With Titomic Europe's extensive experience in low and medium pressure cold spray technology solutions, and proven wear resistance and corrosion protection capability, our involvement provides strong validation of Titomic's cold spray reputation and capability in Europe and around the world.

"The grant builds on Titomic Europe's success to date in glass mould coatings, with our automated cold spray solutions commercially adopted by the IPGR network. We look forward to developing novel adjacent applications with the support of CoBRAIN."

Learn more about Horizon Europe here: [Horizon Europe | European Commission \(europa.eu\)](https://european-council.europa.eu/media/en/press-room/pages/press-detail.aspx?ip=1&id=12345)

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

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## 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.

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