Investor Presentation

September 2021

Disclaimer

This presentation has been prepared by Titomic Limited ACN 602 793 644 ("Titomic" or the "Company") to provide summary information about Titomic and their activities as at the date of this presentation. The information in this presentation is of a general nature and does not purport to be complete and may change without notice. This presentation is not a recommendation to buy Titomic shares and undue reliance should not be placed on the information or opinions contained in this presentation for investment purposes as it does not consider your investment objectives, financial position or needs. These factors should be considered, with professional advice, when deciding if an investment is appropriate.

This presentation includes forward-looking statements that reflect Titomic's intentions, beliefs or current expectations concerning, among other things, Titomic's results of operations, financial condition, liquidity, performance, prospects, growth, strategies and the industry in which Titomic operates. These forward-looking statements are subject to risks, uncertainties and assumptions and other factors, many of which are beyond the control of Titomic. Titomic cautions you that forward-looking statements are not guarantees of future performance and that its actual results of operations, financial condition, liquidity, performance, prospects, growth or opportunities and the development of the industry in which Titomic operates may differ materially from those made in or suggested by the forward-looking statements contained in this presentation. In addition, Titomic does not guarantee any rate of return or the performance of Titomic nor does it guarantee the repayment or maintenance of capital or any particular-tax treatment.
Investors should note that past performance may not be indicative of results of developments in the future periods and cannot be relied upon as an indicator of (and provides no guidance as to) Titomic's future performance. Titomic, its related bodies corporate and each of their respective directors, officers and employees expressly disclaim any obligation or undertaking to review, update or release any update of or revisions to any forward-looking statements in this presentation or any change in Titomic's expectations or any change in events, conditions or circumstances on which these forward-looking statements are based, except as required by applicable law or regulation.

Subject to any continuing obligation under applicable law or any relevant listing rules of the ASX, Titomic disclaims any obligation to disclose any updates or revisions to any forward-looking statements in these materials to reflect any change in expectations in relation to any forward-looking statements or any change in events, conditions or circumstances on which any statement is based. Nothing in these materials shall under any circumstances create an implication that there has been no change in the affairs of Titomic since the date of this presentation.

This presentation contains summary information about Titomic and its activities, which is current as at the date of this presentation. The information included in this presentation is of a general nature and does not purport to be complete nor does it contain all the information which a prospective investor should consider when making an investment decision. Each recipient of this presentation should make its own enquiries and investigations regarding all information in this presentation including but not limited to the assumptions, uncertainties and contingencies which may affect further operations at Titomic and the impact that different future outcomes may have on Titomic. This presentation has been prepared without taking account of any person's investment objectives, financial situation or needs. Before making an investment decision, prospective investors should consider the appropriateness of the information having regard to their own objectives, financial situation and needs, make their own assessment of the information and seek legal, financial, accounting and taxation advice appropriate to their jurisdiction in relation to the information and any action taken on the basis of the information.

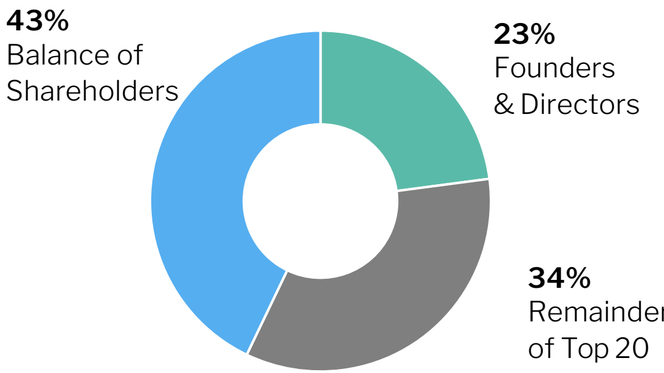
The information included in this presentation has been provided to you solely for your information and background and is subject to updating, completion, revision and amendment and such information may change materially. Unless required by applicable law or regulation, no person (including Titomic,) is under any obligation to update or keep current the information contained in this presentation and any opinions expressed in relation thereto are subject to change without notice. No representation or warranty, express or implied, is made as to the fairness, currency, accuracy, reasonableness or completeness of the information contained herein. Neither Titomic nor any other person accepts any liability and Titomic, its related bodies corporate and their respective directors, officers and employees, to the maximum extent permitted by law, expressly disclaim all liabilities for any loss howsoever arising, directly or indirectly, from this presentation or its contents.

The distribution of this presentation in certain jurisdictions may be restricted by law and persons into whose possession this presentation comes should inform themselves about and observe any such restrictions.

Titomic snapshot

- Founded in 2014 to develop a new type of additive manufacturing process, developed with the CSIRO, using cold-gas spraying of metal particles to produce 3D structures
- This patented process is known as Titomic Kinetic Fusion (TKF), which Titomic has exclusive rights to commercialise
- Set to be a global leader in providing cutting-edge cold spray technology and solutions for our customers, changing the way manufacturing is done
- Scaling globally through joint venture partnerships with tier 1 suppliers to the defence and aerospace industries
- We seamlessly integrate TKF technology into partner supply chains, enabling customers to improve build quality and speed, all while minimising their ecological footprint[1]
- We deliver on our financial goals by supporting customers on their journey transitioning from the traditional to the new world of digital manufacturing

Share Ownership



[1] CSIRO study of Cold Spray vs Electroplating

Highlights

1

Exceptional leadership team

High calibre team with belief in the potential of Titomic's unique technology and the global experience, resident in US, Europe, Australia and Middle East

2

Cold spray industrialisation in less than two years

Titomic is well positioned to leverage the growth potential in this AM technology

3

Accelerated adoption driving market growth

The global metal additive manufacturing market is expected to grow at a 29% CAGR from 2020 to 2025, to reach almost $4.4 billion by 2025[1]

4

Superior speed, size and sustainability

Numerous advantages over existing forms of AM, including larger build sizes, significantly faster build rates and an ability to utilise very price competitive material inputs

5

Focus on specific industry sectors and applications

Differentiated offering to existing additive manufacturing solutions

6

Defined go to market strategy

Prototypes rolled out to major customers, establishing trust in the technology, with the transition to Joint Venture partnerships underway

Supersonic Potential

With a market worth $4.4 billion by 2025[1], the metal additive manufacturing market is fuelling the fourth industrial revolution

1. AMPower Report 2021.

Together, we make it possible

Executive team

Herbert Koeck

Chief Executive Officer

- Previously Executive VP: go-to-market strategy of 3D Systems Corporation
- Former Managing Director of Hewlett Packard Europe

Joanna Walker

Chief Financial Officer

- Previous CFO roles at Total Tools, Coventry Group and Officeworks
- Non-Executive Director and Chair of Audit and Risk Committee of both Countrywide Food Service Distributors and Southern Alpine Resort Management

Max Osborne

Head of Engineering

- Joined Titomic in June 2021 after 14+ years at The Boeing Company in Australia and the USA
- Alumni of Boeing's global leadership program with technical background spanning R&D, design and product development
- Nine international patents in structures, materials and manufacturing.

Dominic Parsonson

Head of Sales

- Extensive sales and marketing management experience in Europe, Asia, Africa and Australia
- Over 10 years Additive Manufacturing experience

Chris Healy

Legal Counsel

- Chairman of BondAdviser (previously Managing Director)
- Formerly Legal Director & Company Secretary of Guinness Peat Group

Jeff Lang

Executive Director
Chief Technology Officer

- 30 years experience in manufacturing in Australia, Europe and Asia
- Previously Managing Director of Titomic and of Force Industries

Michael Rochford

Head of HR & Operations

- Previously Regional Manager PACT Group, multiple full P&L responsible roles.
- Numerous Senior Ops and HR roles in the Packaging and Automotive Sectors.
- Extensive Expertise in Cultural change, currently undertaking a PhD in Organisational Growth.

Colin Horman

Head of Strategy Execution

- CFO roles at Iveco Trucks Australia & New Zealand, and ANZIIF
- Extensive business leadership and corporate development experience, including roles at iSelect, PaperlinX and Amcor

Together, we make it possible

Board

Dr Andreas Schwer

Independent Non-Executive Chairman

- President - Europe & Middle East, Electro Optic Systems Pty Ltd.
- Previously CEO – Saudi Arabian Military Industries (SAMI)
- Previously Chairman & CEO – Rheinmetall International
- Previously VP – Design & Development at Airbus Helicopters

Mira Ricardel

Independent Non-Executive Director

- Principal at The Chertoff Group
- Assistant to the President of the United States and Deputy National Security Advisor
- Previously VP – International Business Development at Boeing

Dag W.R. Stromme

Independent Non-Executive Director

- Currently Co-Chairman of PAACS Invest
- Previously Managing Director and Co-Head Nordic Banking of Morgan Stanley

Richard Willson

Independent Non-Executive Director

- Non-Executive Director at Thomson Resources and PNX Metals
- Company Secretary at SILK Laser Clinics

Humphrey Nolan

Independent Non-Executive Director

- Chairman of The Nolan Group and Tapex Industrial

Prof. Richard Fox

Non-Executive Director

- Former Chair and Director of formerly listed Meditech Resources Ltd
- Inaugural Chair of the Cancer Research Centre for Cancer Therapeutics
- Co-founder of Force Industries

Jeff Lang

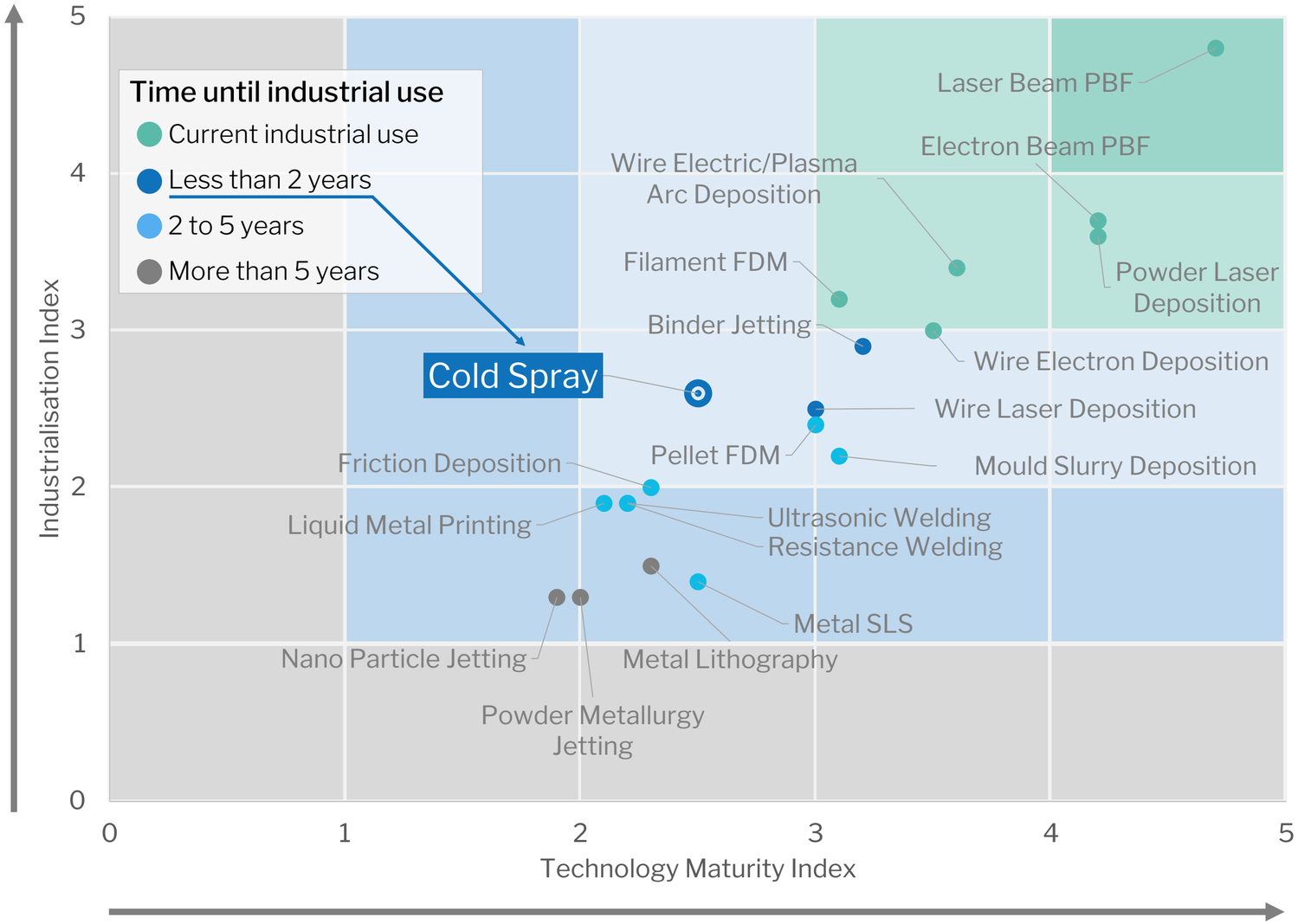
Executive Director
Chief Technology Officer

- 30 years experience in manufacturing in Australia, Europe and Asia
- Previously Managing Director of Titomic and of Force Industries

Global industry expertise

Cold Spray industrialisation in less than two years

Metal additive manufacturing maturity index



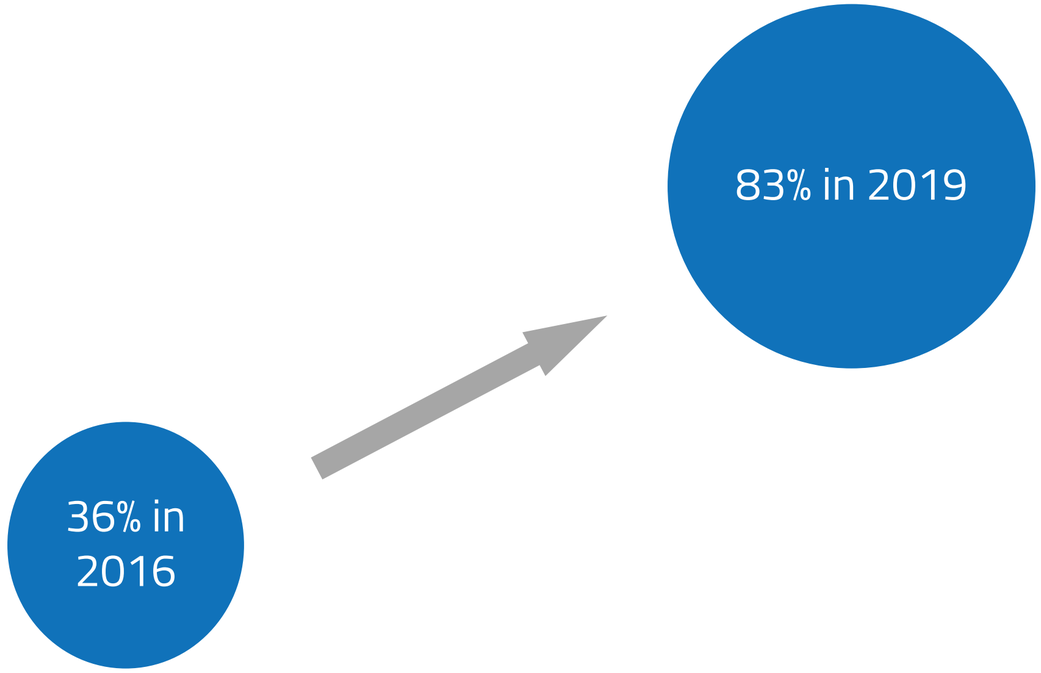
Titomic is on track to commercialise Cold Spray as an AM technology

Source: AMPower 2021 report

Accelerated adoption driving growth

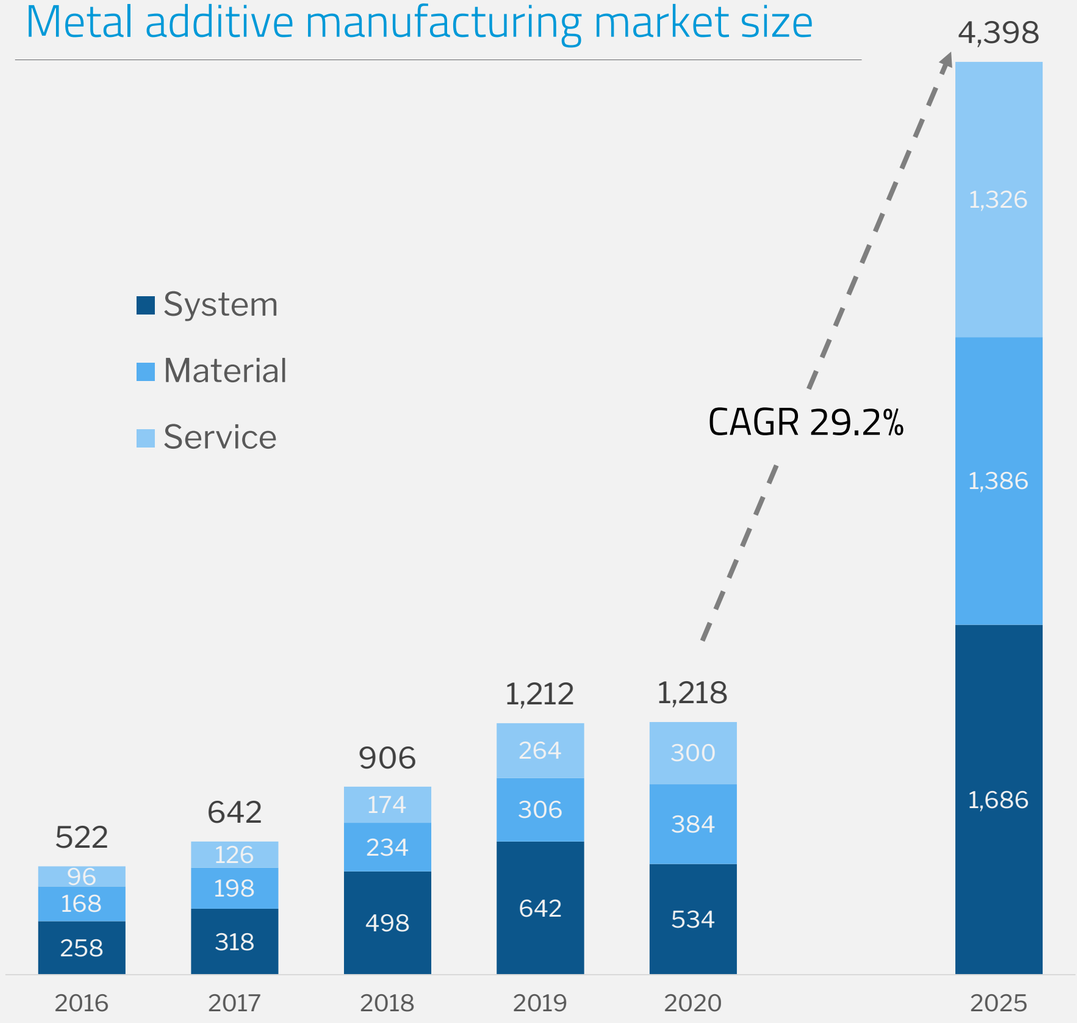
Adoption is accelerating in key manufacturing industries

The percentage of businesses in key industries who either already apply or are considering applying AM technology increased from 36% in 2016 to 83% in 2019[1]



1. Based on an EY survey of 900 small, medium and large businesses in the aerospace, automotive, chemicals, construction, consumer packaged goods, electronics, industrial, life sciences, logistics and transportation industries (Source: *3D printing: hype or game changer? A Global EY Report 2019*)

Metal additive manufacturing market size



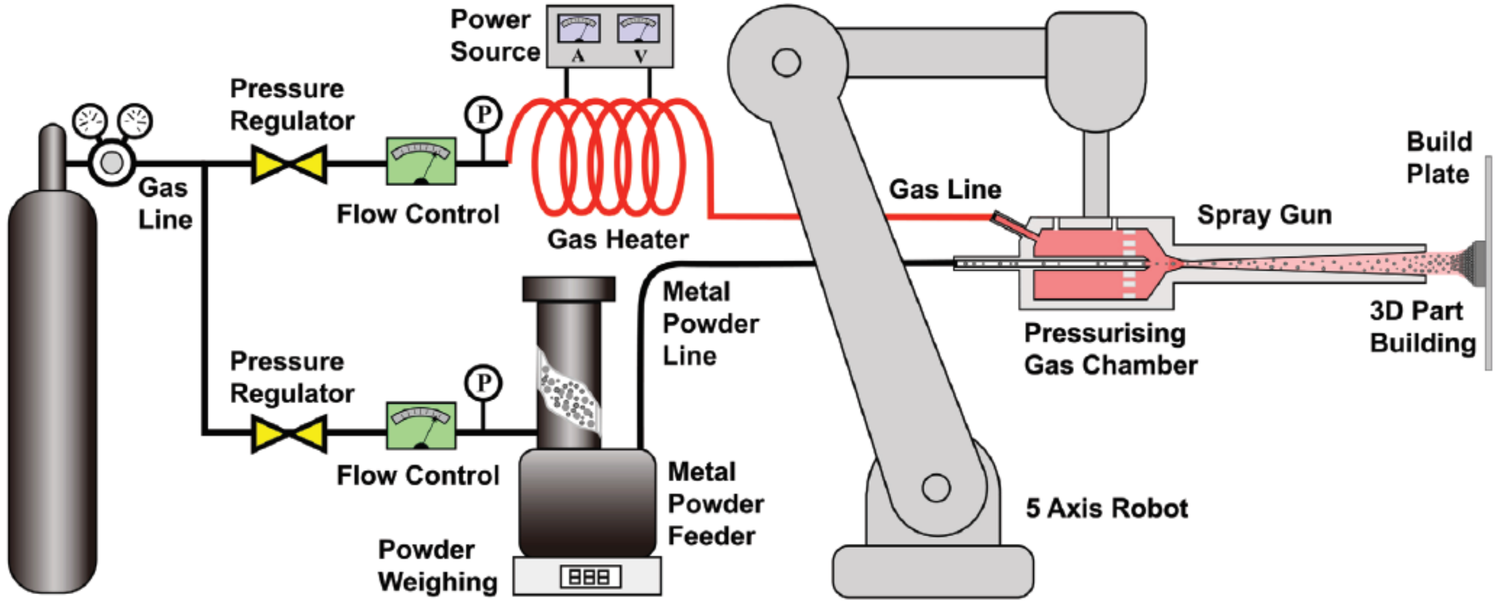
Source: AMPower 2021 Report
All figures in millions of AUD

Superior speed, size and sustainability

Titomic Kinetic Fusion (TKF)

- Exclusive rights to commercialise a new form of cold spray additive manufacturing developed with CSIRO
- This process, called Titomic Kinetic Fusion (TKF), employs cold spray technology using compressed gas to accelerate metal powder particles at supersonic speed, which bond together to form a layer upon impact

The TKF Process



Key Attributes of the TKF Process

Speed

- Up to 3x faster than other AM processes

Size

- Up to 9m x 3m x 1.5m

Sustainable

- Less energy use[1] and material waste

Cost effective

- Ability to use wide range of metal powders
- Cost competitive grade metal powders of dissimilar particle sizes and irregular shapes

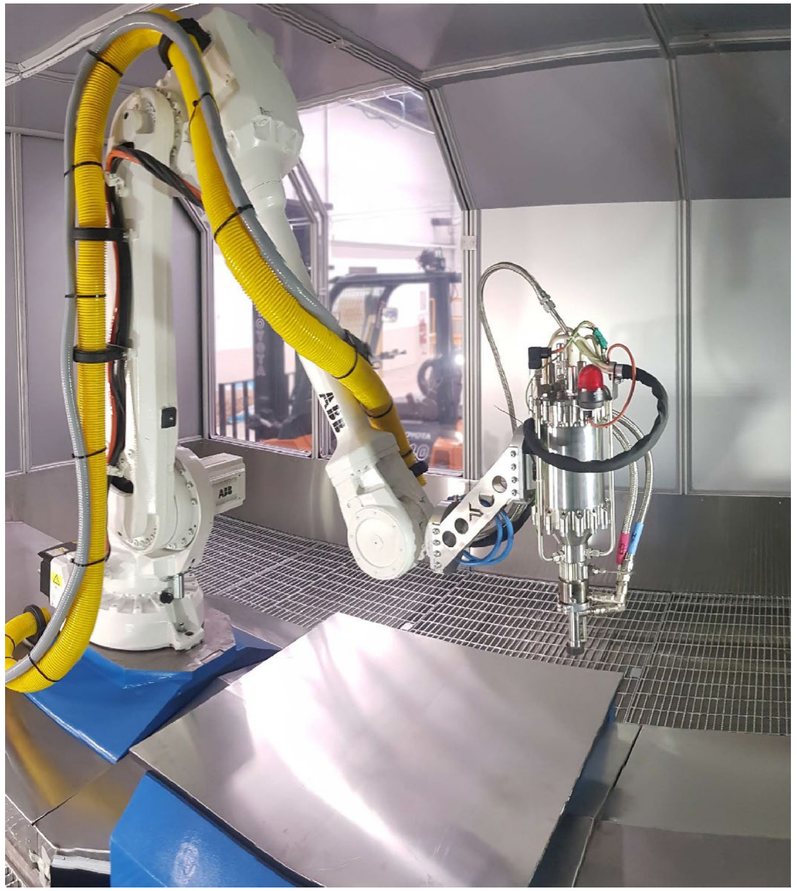
Multiple Metals

- Build with almost any metal in a powder form
- Unique ability to combine different materials in a single part

[1] CSIRO study of Cold Spray vs Electroplating

TKF Systems are operating today

TKF1000



TKF9000

Titomic's TKF Systems

TKF1000

- Modular industrial-scale AM system
- Designed for prototyping and low volume production tasks
- Build volume of 1m^3

TKF9000

- Located in Titomic's Melbourne Bureau
- Demonstration of Titomic's ability to engineer and construct bespoke AM systems
- Build volume of 40.5m^3

The Titomic difference

Our cutting-edge custom TKF systems unlock the potential to manufacture high-performance multi-metal parts on demand, to near-net shape.

Faster output

Any size

Scalable systems

Stronger materials

Less waste

Cost competitive

Unmatched value, certainty and confidence

Aerospace

- Less welding and forming
- Less material than billet
- Better buy-to-fly ratio
- Minimal machining

Defence

- Lighter and faster manufacturing
- Large single piece geometries
- Minimal fabrication
- For multiple threat levels

Oil and Gas

- Faster manufacturing
- Less machining than stock bars and rods
- Better performance than castings
- High strength at high temperatures

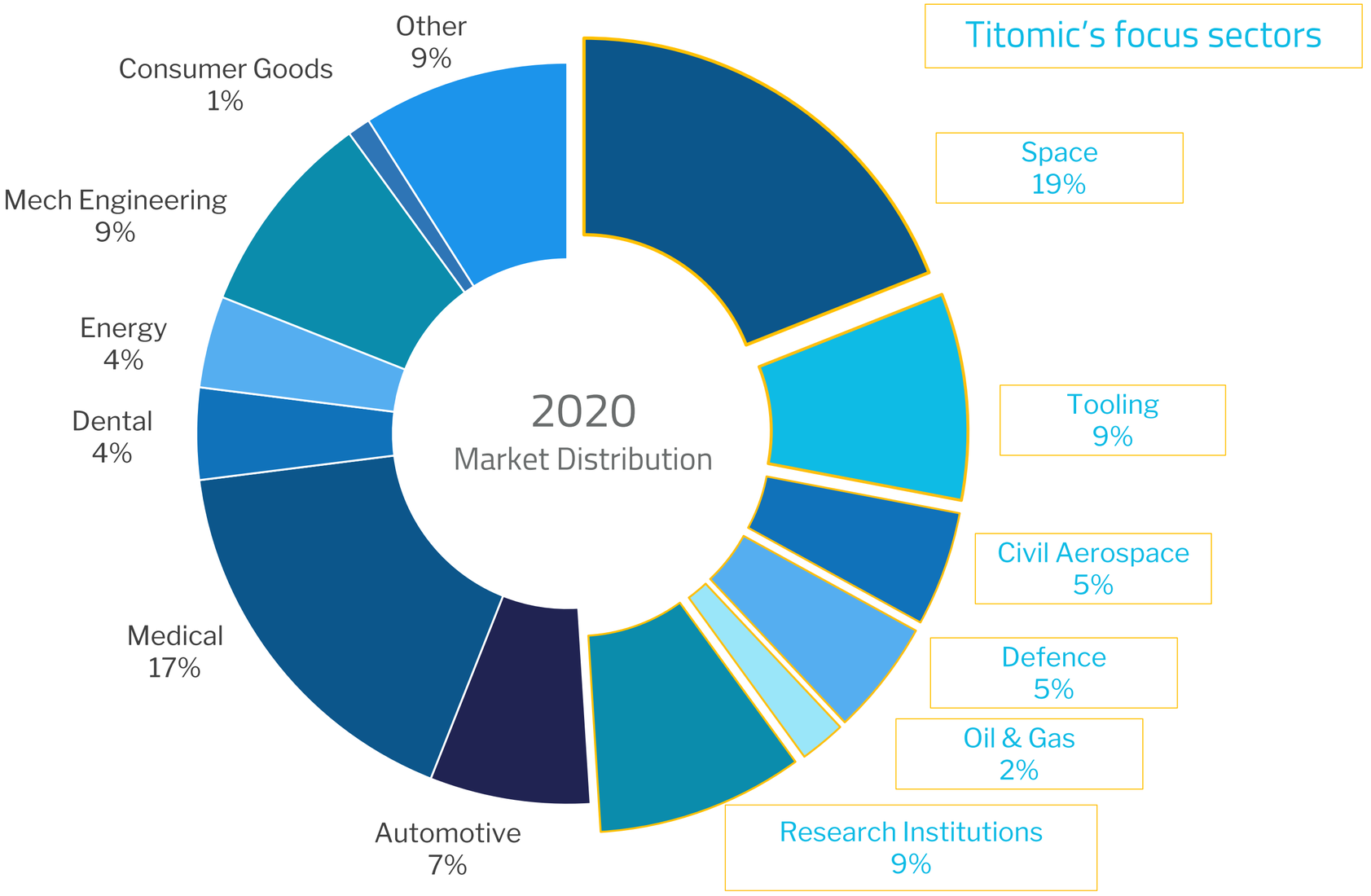
Manufacturing made sustainable

Titomic is evolving metals manufacturing for the better. The green process uses less energy and fewer resources.

- Cuts carbon emissions by up to **60%**[1] with no metal melting
- Completely electrified and can run on 100% renewable energy
- Reduces waste by up to **80%** with near-net shape parts production[2]
- Very high material utilisation resulting in low levels of material waste
- Combines multiple materials into one part
- Can perform both manufacturing and repair of parts
- No oxidation or need for protective environment
- Onshore, on-demand manufacturing

[1] CSIRO study of Cold Spray vs Electroplating
[2] Internal modelling, as compared to machining from billet

Titomic’s focus sectors make up 49% of AM machine sales



Total market expected to be $1.7 billion by 2025

Titomic targeting 49% of this addressable market

Source: AMPower 2021 report
All figures in AUD

Focus sectors and applications

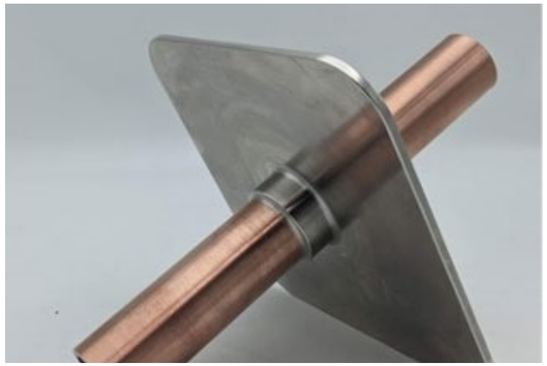
We are targeting partnerships in high-value markets – from Primes to research institutes and Tier 1 and 2 suppliers

Defence	Aerospace & Space	Other Applications
Weapon Barrels	Composite Mould Tooling	Pipes & Tubes
Ballistic Protection	Functional Coatings	Structural Repairs
Armoured Structures	Titanium Frames	Anti-Corrosion Coatings
Lightweight Structures	Superalloy Structures	Wear Resistant Coatings
In-Field Repairs	Component Repairs	Heat Exchangers
Panels & Doors	Space Vehicle Components	Component Re-Surfacing

Space applications

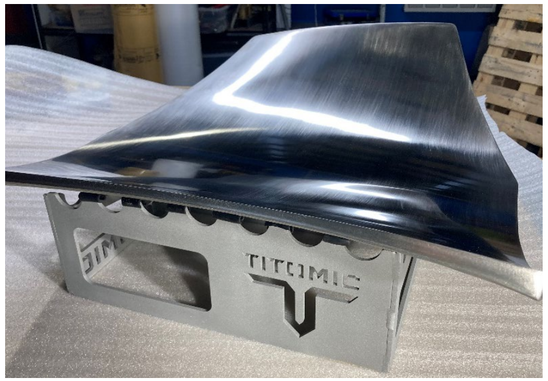
Titomic is partnering with Inovor Technologies, Australia's only sovereign commercial satellite manufacturer, on radiation coating solutions.

Titomic parts



Bulkhead penetrator

- Naval vessel application
- **Copper pipe** can be passed through a **steel bulkhead** without any need to weld dissimilar metals
- **Multiple materials** combined in a truly mechanically fused design
- **Near net** shape build in single build
- **No welding** required
- **Reducing** fabrication **time**



Aerospace composite moulding tool

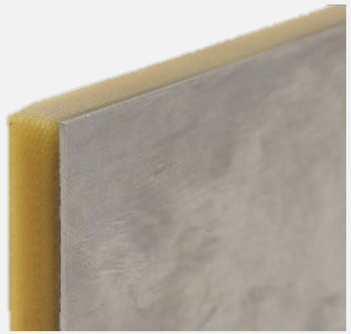
- Fabrication of Invar36 face sheets for high dimensional stability
- “Powder to preform” in days with minimal final machining delivering a **reduction in lead time from months to weeks**
- **Single piece face sheets** offering reduced porosity (increased vacuum integrity), reducing fabrication time, and **increasing speed to market.**
- Addresses a significant challenge in aerospace tooling, tools can be **repaired**, or have shape changed at a later stage.

Titanium Mounting Panel

- Part built as **one piece** to near net shape.
- **No welding or forming** required
- **Reduction in material wastage** of 40% as compared to machining from solid billet
- **Up to 45% lighter** than steel alternative

Rifle Barrel

- **Novel process** for barrel fabrication, mixed metal designs for **performance and cost** benefits
- Hybrid manufacturing and processing methods incorporating both cold spray with traditional rifling techniques



Polymer Metallisation

- **Structural/functional metal coating** of polymers and composites
- Enables **unique designs** and architectures

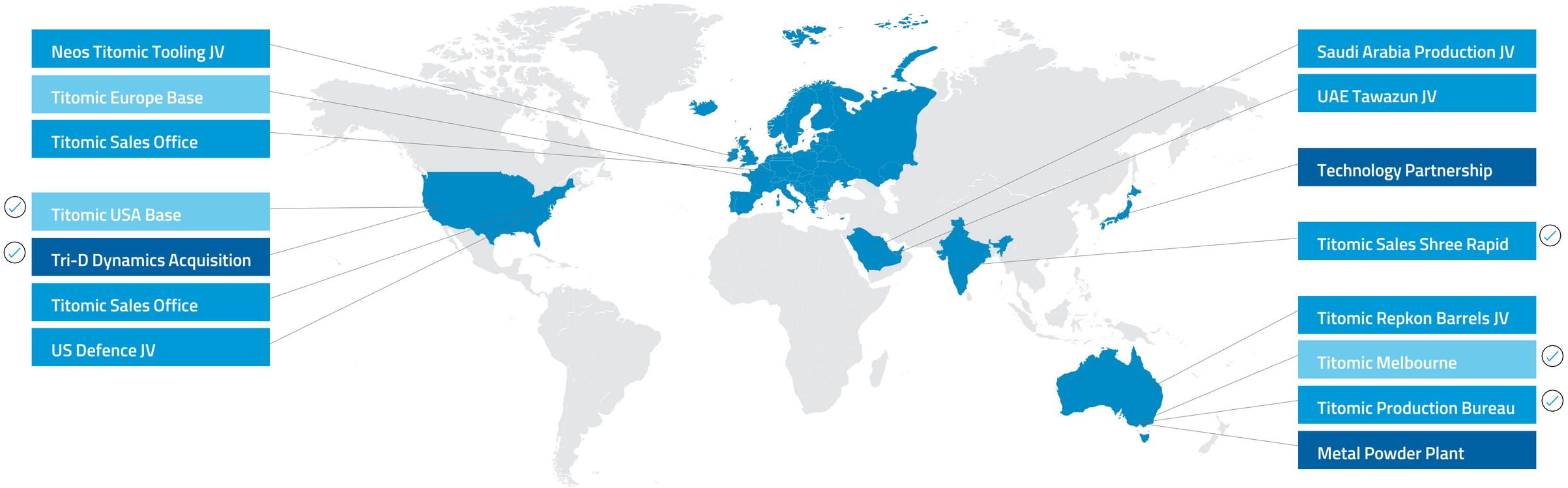
Company Technical Comparisons

		US Companies			Australian Companies		
Company	TITOMIC	Desktop Metal	Relativity	Carbon	SPEE3D	AMAERO	AML3D
Ownership	Public	Public	Private	Private	Private	Public	Public
3D Print type	Kinetic Fusion	Binder Jet	Wire Direct Deposition	Digital Light Synthesis	Cold Spray Additive Manufacturing	Powder Bed Fusion	Wire Arc Additive Manufacturing
Metal Parts	Yes	Yes	Yes	No	Yes	Yes	Yes
Part Build Size	X-Large	Small	Large	Small	Medium	Small	Large
Part Build Speed *Per print head*	Up to 15kg/hr	Up to 2.9kg/Hr [1]	Up to 2.9kg/Hr [2]	Up to 3.1kg/Hr[3]	Up to 6 kg/h[4]	Up to 0.2 kg/h[5]	??

[1] www.desktopmetal.com
[2] www.sciaky.com/additive-manufacturing/wire-vs-powder
[3] Based on PU density of 100Kg/M^3 @ build rate of 3120cm^3 p/hr www.3dprint.com/53286/gizmo-3d-printers-fastest/
[4] wwwspee3d.com
[5] Amaero SP 500 SLM Brochure, www.amaero.com, kg/h calculation based on metal density of 4g/cc

Taking our technology to the world

We’re on track to expand across Australia, Europe, North America and beyond.



Main Place of Business

Bureaus JV / Cooperation

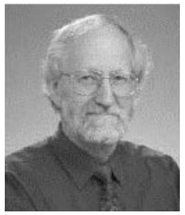
Acquisitions / Investment

Completed

Technical Advisory Committee

Professor Rhys Jones AC

- Previously Research Leader (Aircraft Structures) in the Australian Defence Science and Technology Organisation
- Former Chair Professor of Mechanical Engineering at Monash University
- Internationally renowned for his pioneering work in extending the operational life of aircraft



Dr Richard Hannink

- Honorary Fellow at CSIRO Manufacturing
- Member of the Victorian Committee of the Australian Academy of Technology and Engineering
- Extensive expertise in characterising microstructure-property relationships of metals and their relationship to industrial applications and performance

Dr Airlie Chapman

- PhD degree from the William E. Boeing Aeronautics and Astronautics Department at the University of Washington
- Lecturer in the Department of Mechanical Engineering at the University of Melbourne
- Research across multiple disciplines with applications to robotics and aerospace systems

Prof Ivan Cole

- Enabling Capability Director for Advanced Manufacturing and Fabrication at RMIT
- Previously Acting Chief CSIRO Manufacturing and Materials Technology
- Internationally recognised leader in the field of life prediction, prognostics and design and fabrication of engineered structures

Professor Raman Singh

- Professor at Monash University in the Department of Mechanical and Aerospace Engineering
- Primary research expertise is in corrosion and corrosion mitigation of steels and light alloys

Professor Emad Gad

- Dean of Engineering, Swinburne University of Technology
- Extensive experience in structural dynamics, structural connections, experimental techniques and finite element modelling

Leading technical expertise

The Technical Advisory Committee comprises subject matter experts from Australia's most prolific research institutes and commercial organisations.

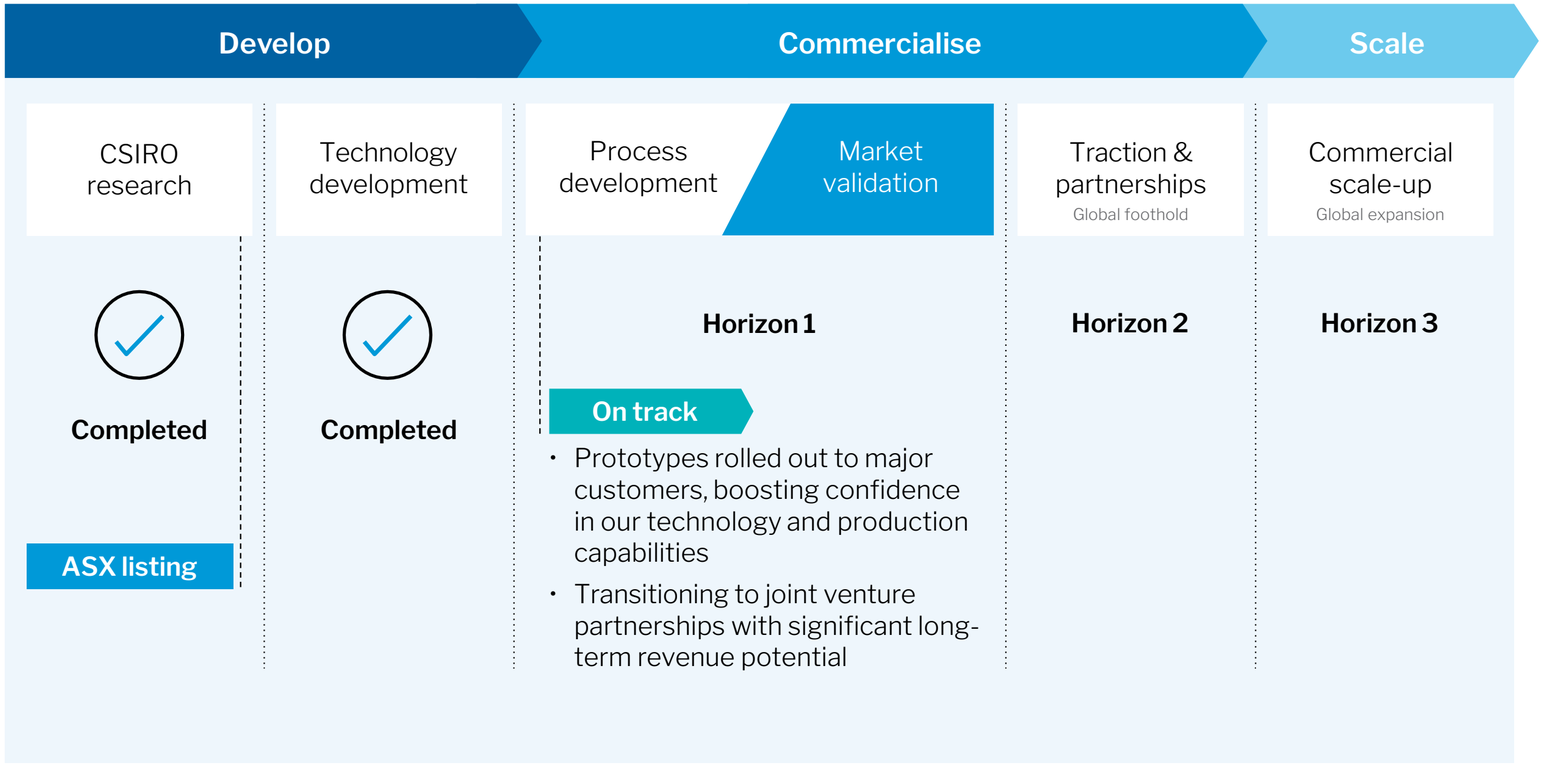
The TAC considers innovative solutions for Titomic through thought leadership and maintaining a focus on the delivery and adoption of research in line with Titomic's strategic requirements

The TAC and key members of Titomic's management team meet frequently to discuss strategic priorities

Commercialisation progress

In 2021 we:

- Have increased our focus on joint ventures with key customers to create continuous manufacturing and revenue streams, and share risk and reward
- Expanded our footprint into North America via Tri-D Dynamics acquisition
- Hired a new CEO
- Increased capability of key personnel
- Realigned our objectives to accelerate our commercialisation path



5 distinct revenue streams

1 Direct TKF Machine Sales

- Each machine sale will lead to recurring revenue from powder sales (3) and, consumable & service requirements (4)
- Titomic will continue to produce parts for machine customers as needed

Commercialisation status

Currently marketing TKF systems to research organisations

2 JV Partnerships

- Titomic receives share of net profit of the JV Company
- Ongoing supply of powders, service, maintenance and consumables to the JV Company by Titomic
- Titomic will continue to manufacture parts during scale up of JV operations

Commercialisation status

Multiple agreements entered during FY21 to enter JVs to design and manufacture defence and aerospace products using TKF systems

3 Powder Production/Sales

- Recurring revenue stream following on from the transactional sale of TKF machines
- A medium-term priority of Titomic is to establish a powder production plant in Australia reducing reliance on foreign suppliers, and increasing margins on powder sales

Commercialisation status

Existing capability to on sell third party powder.
Longer term goal to produce powder in-house at Titomic

4 Consumables & Service

- Users of Titomic's TKF systems require ongoing provision of consumables, servicing and maintenance, supplied by Titomic

Commercialisation status

Prototypes of some consumables have been developed

5 Design & Engineering Consulting

- Titomic offers design & consulting services to customers looking for a TKF solution

Commercialisation status

Titomic is onboarding more engineering talent to allow the expansion of this service

Joint venture partnerships – more than a machine

Joint ventures allow both parties to share the risks and rewards.
Titomic brings everything to the partner's door: patented process, technology and custom system.

Phase 1 - Design

Make prototype

Validate and market prototype

6 – 9 months

Collaborate with our partner to produce a prototype, sharing the costs.

- $50k to $250k of prototyping work completed by Titomic with costs shared

Phase 2 - Assembly

Ship system to JV partner site

Assemble

~9 months

We integrate a purpose-built system for our JV to run at their facility.

- $1.5m to $2.5m of expenditure required by each of the Joint Venture Parties
- Early revenue is generated via the production of validation parts in Titomic's Melbourne based production facility

Phase 3 - Production & Sales

Manufacture on demand & sell produced parts to partner

JV Partner finishes and sells to end users

Ongoing

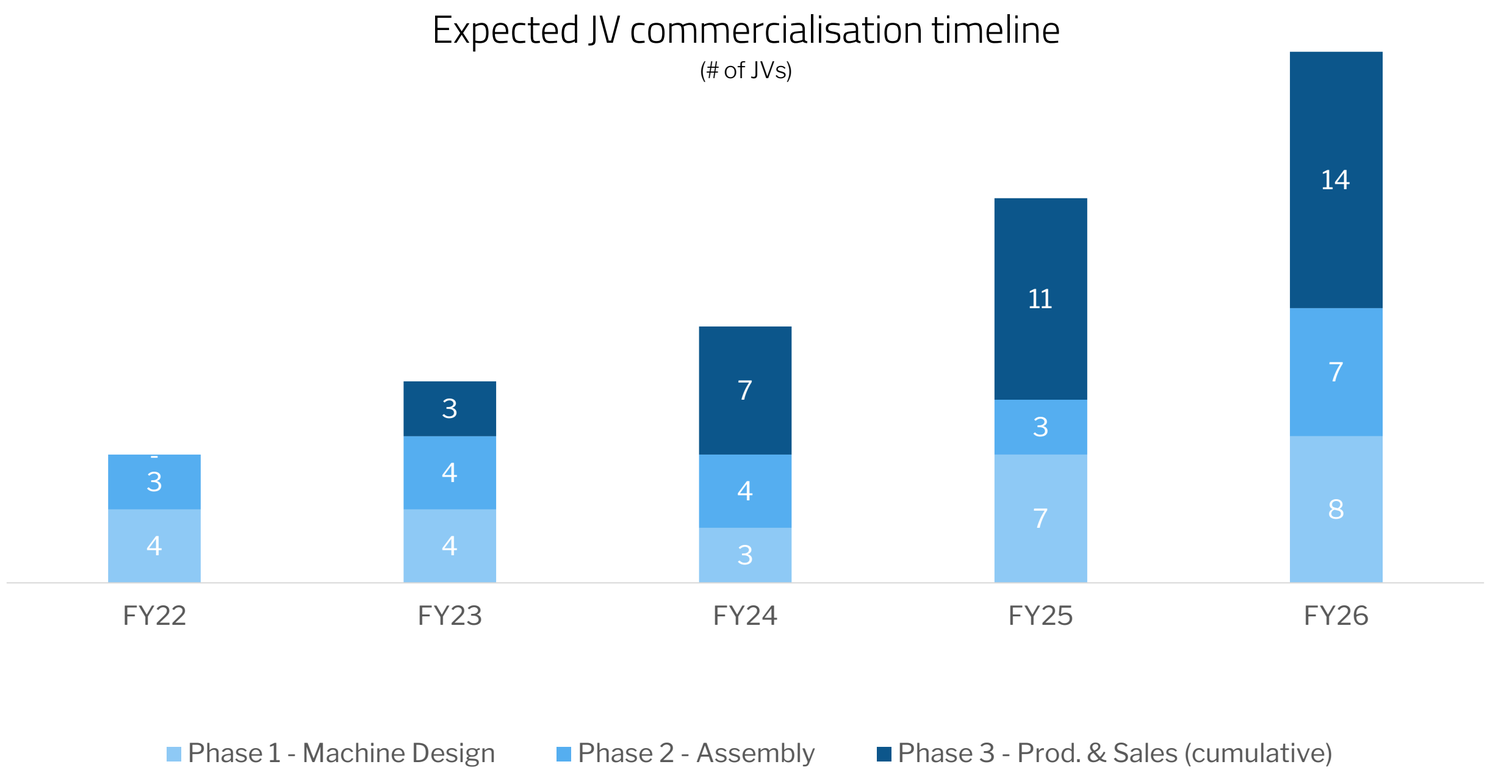
Profits from the JV are shared equally.

Our partner markets the finished goods to their customer.

- 50% of net profit generated from the sale of finished goods by the joint venture is paid out to Titomic, with the remaining 50% going to the JV Partner

Joint venture partnerships

A key commercialisation vehicle



JV progress

- Multiple joint venture partnerships planned as at the end of FY21
- Prototype design work has already commenced on two of these signed partnerships
- First product expected to be sold in mid 2022 under existing partnerships
- Additional JV agreements expected to be onboarded based on current early-stage discussions with international defence and aerospace suppliers

Why our partners are on board

By integrating a custom TKF system, supply chains become more local, responsive, resilient, agile and sustainable.

Why more companies are choosing additive manufacturing (AM) bureau services rather than buying their own system:

81%
don't want to invest in their own systems

48%
don't have experience in additive manufacturing processes and production standards

38%
don't have experience in AM design

31%
use external AM service providers that are closer to the end customer

11%
use external AM service providers for small production

Source: A Global EY Report 2019 - 3D printing: hype or game changer?

Our trusted customer base

Aerospace

Tooling and Structures

Tooling Joint Venture

Tooling

Aerospace

Defence

Tooling and Aerospace

Light weighting of Vessels

Prototyping Barrels & Ballistics

Barrels Partner

Other

TKF Machine Customer

MMI Grant Partner

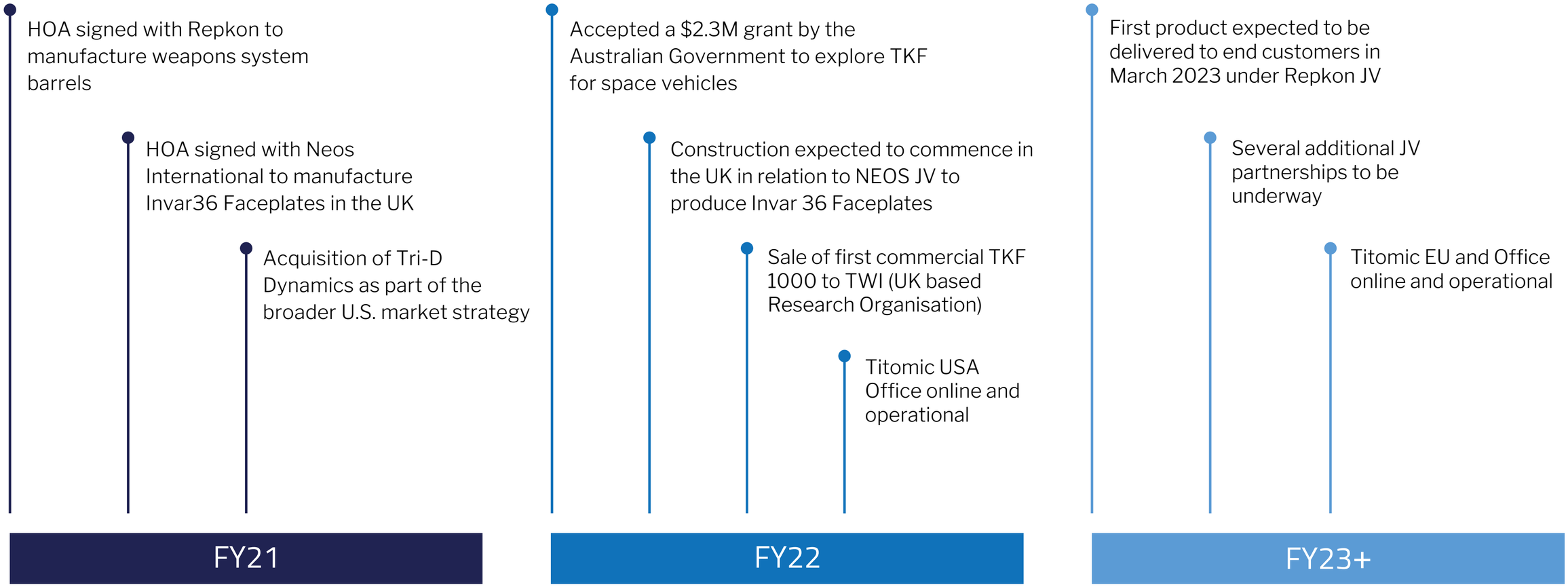
Research
Industrialisation Partner

MMI Grant Partner

Reseller

Reseller

Catalysts and milestones



Unlocking unprecedented potential

Large & expanding market

- Strong tailwind with additive manufacturing market set to **grow by 29% to 2025**[1]
- Buoyed by rapid prototyping, faster turnaround, less waste and lower emissions[2]
- Reduced costs and risks **fuelling fourth industrial revolution**

Global foothold

- Transitioning to formal **joint venture partnerships** with shared risks and rewards
- **Set to scale globally** across aerospace, defence and other high-value markets
- Expansion underway with signed agreements in the US, Europe, Middle East and Australia

Unparalleled expertise

- New board of directors and management team with **strong industry, government and capital markets experience**
- **Deep scientific pedigree** including Technical Advisory Committee with **world-renowned scientists**

Proven process & industry leading technology platform

- **Pioneering patented technology** co-developed with the CSIRO, Australia's national science agency
- Strong cost advantage within Titanium alloys with patent protection
- **Overcomes challenges** like long lead times, limited scalability and excess waste seen in traditional manufacturing

Compelling business model with attractive financial business profile

- Partnership manufacturing model with clients to deliver attractive unit economics with added benefit of sale of consumables and services
- Unique powder supply to reduce risk as well as cost of titanium parts while **boosting performance**
- **Operating leverage** will drive profitability

[1] AMPower Report 2021
[2] CSIRO study of Cold Spray vs Electroplating

Titomic Limited 3/270 Ferntree Gully Road, Notting Hill, Victoria 3168, Australia
PO BOX 225, Mount Waverley, Victoria 3149, Australia

info@titomic.com | titomic.com