



Investor Presentation

1H FY 2022

February 2022

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Agenda

- H1 FY2022 Highlights
- Titomic at a glance
- Business Model
- H1 FY2022 Financial results
- Operational Update



H1 FY2022 Highlights

- Revenue \$2.3m up 479% on prior corresponding period (pcp) (H1 FY2021: \$0.4m).
- Confirmed purchase orders of \$2.4 million as of 31 December 2021.
- Repkon becomes \$2.5m strategic investor.
- Strategic acquisitions of Dycomet Europe and Tri-D Dynamics USA.
- Modern Manufacturing Initiative Grant awarded of \$2.3 million enabling collaboration with Boeing to create parts with 'green' titanium.
- Non-binding agreement with Triton Systems to develop applications in the US marketplace with Titomic Kinetic Fusion (TKF) Cold Spray Additive Manufacturing.
- Sale of TKF1000 System to leading research organisation TWI UK.
- \$9.9 million raised through successful share placement and share purchase plan.

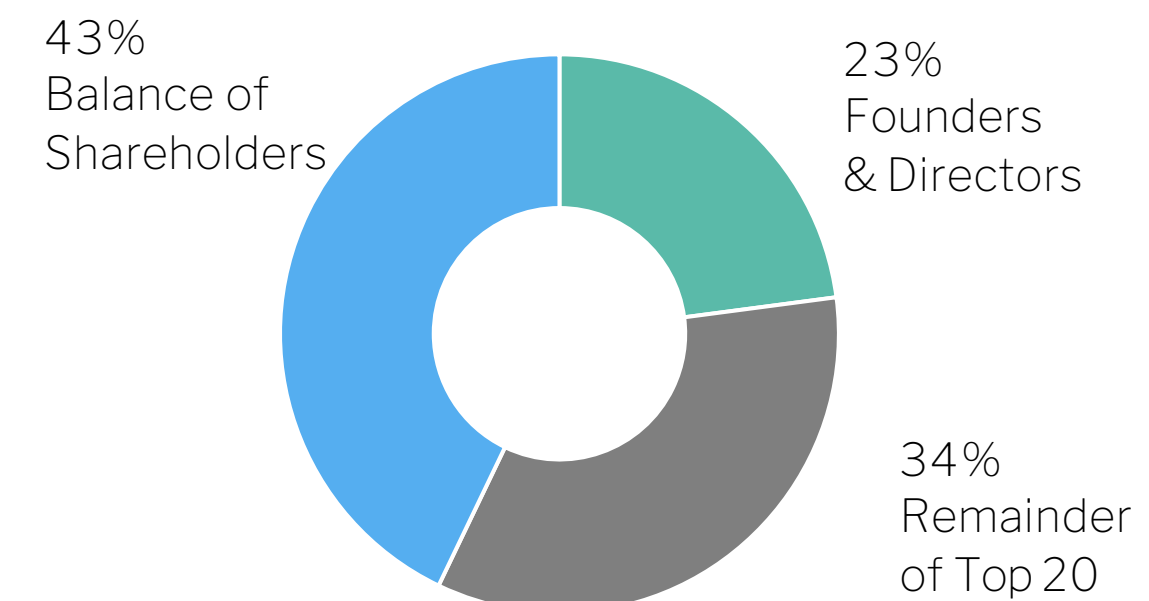
A blue-tinted photograph of two male workers in a factory setting. They are wearing high-visibility safety vests with the 'TITOMIC' logo. The worker on the right is holding a handheld device. They are looking up at a large industrial robotic arm, which also features the 'TITOMIC' logo. The background shows various industrial components and machinery.

Titomic at a glance

Titomic snapshot

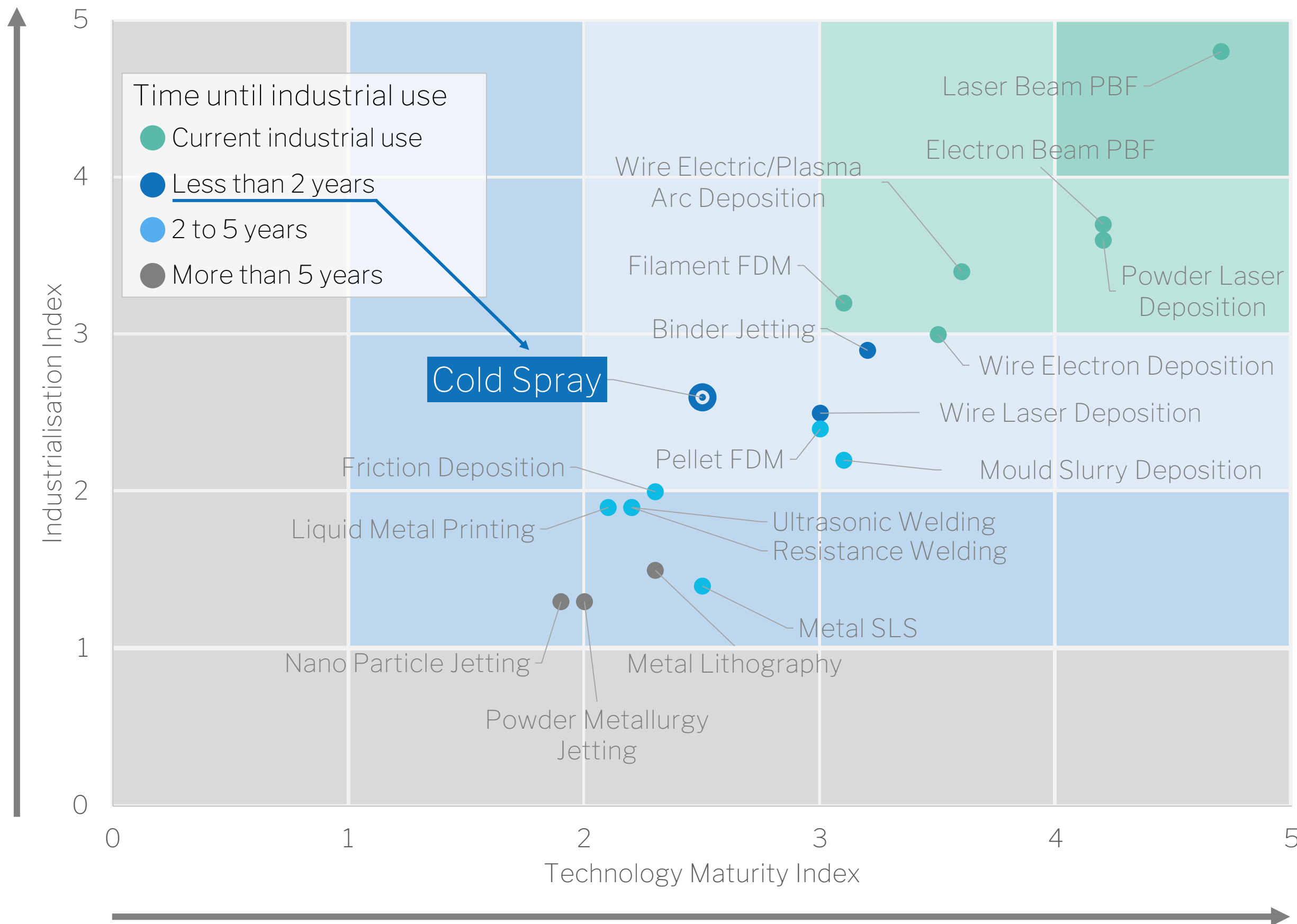
- Founded in 2014 to develop a new type of additive manufacturing process, developed with the CSIRO, using cold-gas spraying of metal particles to produce 3D structures
- This patented process is known as Titomic Kinetic Fusion (TKF), which Titomic has exclusive rights to commercialise
- Set to be a 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 footprint¹
- 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



Cold Spray industrialisation in less than two years

Metal additive manufacturing maturity index



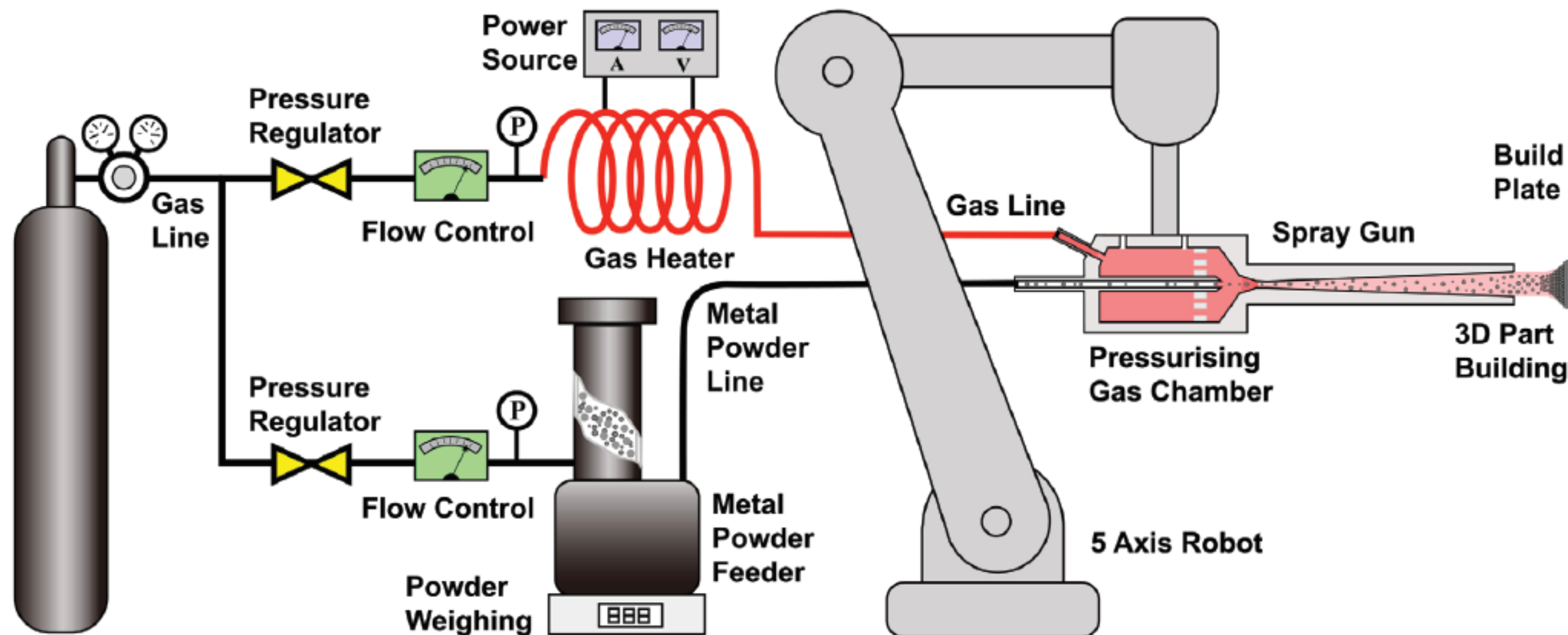
Titomic is on track to commercialise Cold Spray as an AM technology

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 use¹ 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 1m³

TKF9000

- Located in Titomic's Melbourne Bureau
- Demonstration of Titomic's ability to engineer and construct bespoke AM systems
- Build volume of 40.5m³

TKF Systems are operating today



Titomic's TKF Systems

TKF D523

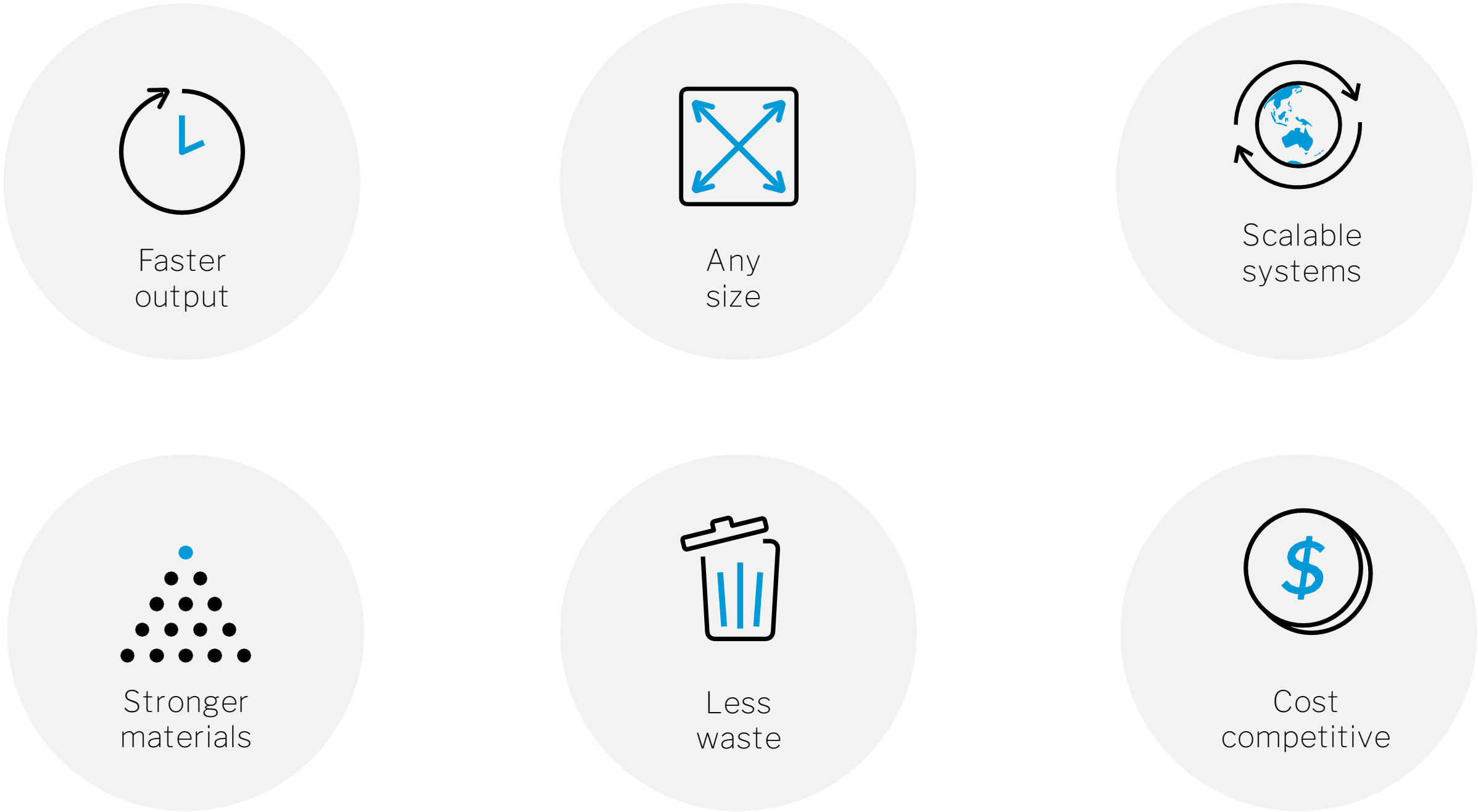


TKF D523

- Mobile industrial-scale AM system
- Designed for repair services
- Located in Titomic's Melbourne Bureau

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.



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.

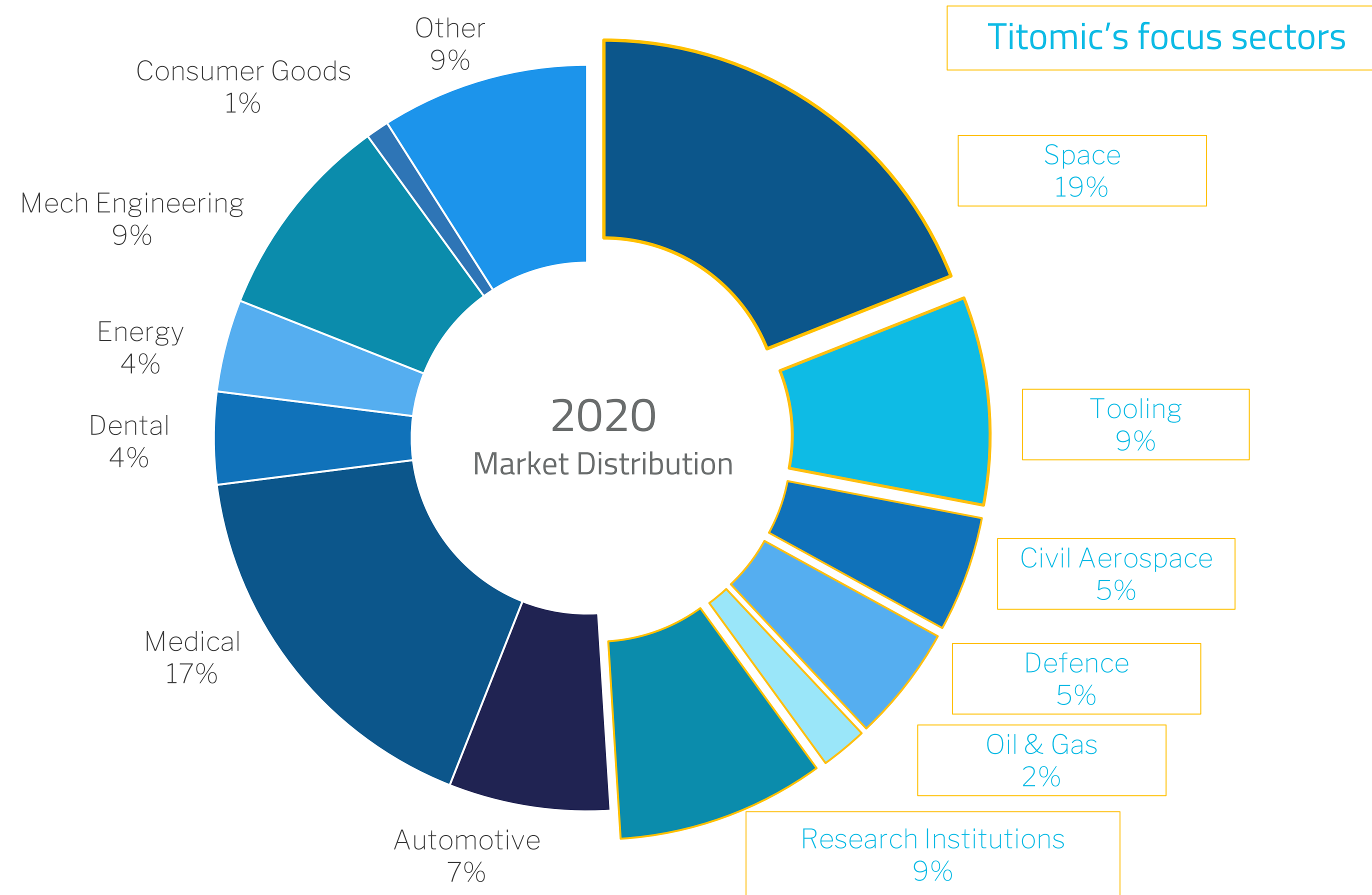
- Cuts carbon emissions by up to 60%¹ with no metal melting
- Completely electrified and can run on 100% renewable energy
- Reduces waste by up to 80% with near-net shape parts production²
- Very high material utilisation resulting in low levels of material waste
- Combines multiple materials into one part
- Can perform both manufacturing and repair of parts
- No oxidation or need for protective environment
- Onshore, on-demand manufacturing



A photograph of an industrial robotic arm in a factory setting, overlaid with a blue tint. The arm is positioned in the center, with various cables and hoses attached to it. It is situated below a metal walkway or bridge structure. The background shows the interior of a large industrial building with a corrugated metal ceiling and walls. In the lower right, there is some other industrial equipment, possibly a motor or pump. The overall scene is industrial and technical.

Business model

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

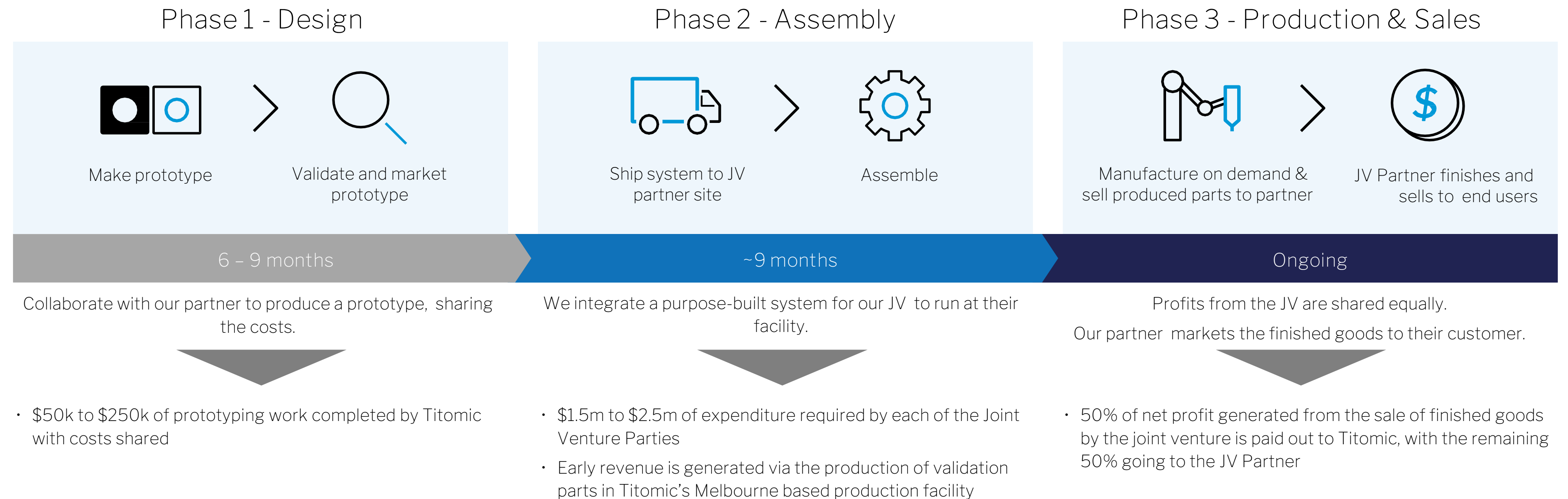


Total market expected to be \$1.7 billion by 2025

Titomic targeting 49% of this addressable market

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.



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



Research
Industrialisation Partner



Reseller



MMI Grant Partner



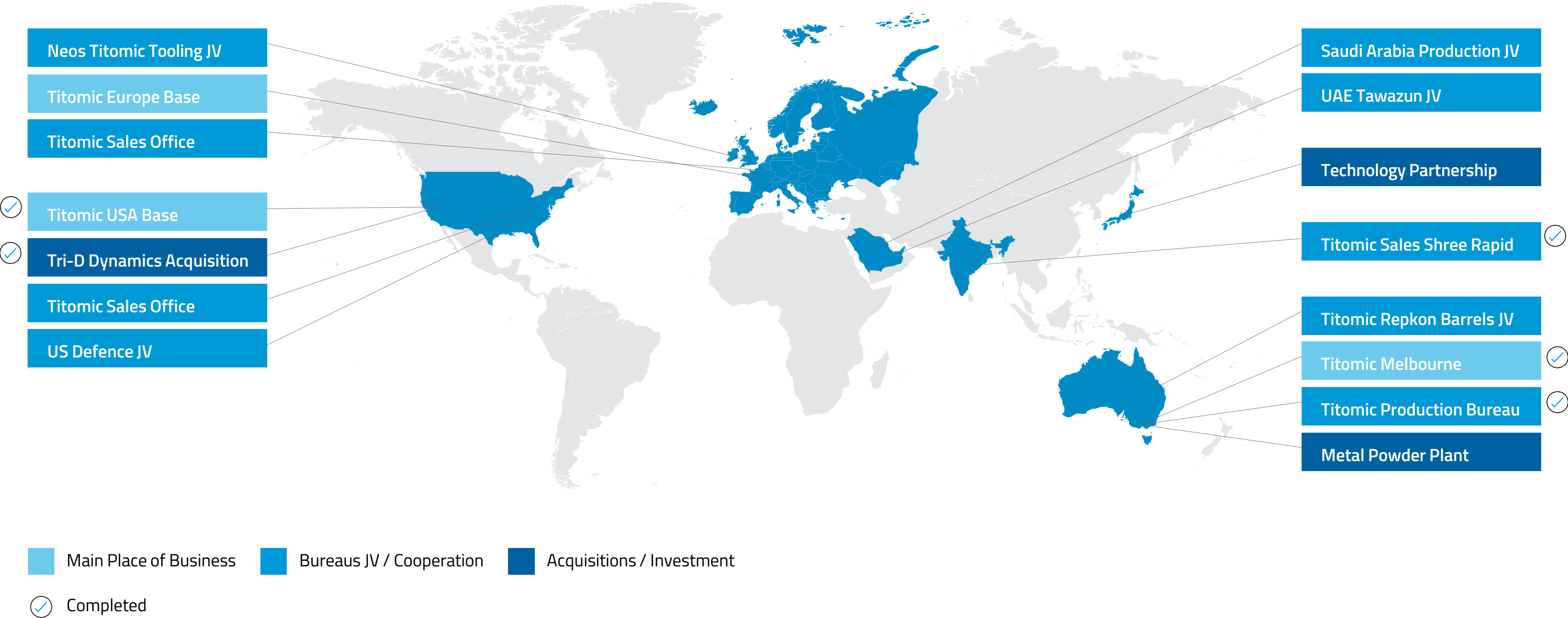
MMI Grant Partner



Reseller

Taking our technology to the world

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



A photograph of an industrial robotic arm in a factory setting, overlaid with a blue tint. The arm is suspended from a ceiling structure and has various cables and hoses attached to it. The background shows a large industrial building with a corrugated metal roof and walls. The text "H1 FY2022 Financials" is overlaid in white on the left side of the image.

H1 FY2022 Financials

Profit & Loss

Earnings Summary	H1 FY22 \$,000	H1 FY21 \$,000
Revenue	2,310	399
Less Expenses	(9,821)	(7,360)
Loss before Income Tax	(7,511)	(6,961)
Less Tax	-	-
Net Loss After Tax	(7,511)	(6,961)
Less Significant Items	1,267	-
Underlying Operating Profit	(6,244)	(6,961)



- Stronger financial result with revenue up 479% to \$2.3m
 - Revenue includes government grants and other adjustments of \$1.7m
- Underlying operating loss of \$6.2m (H1 FY21: \$7.0m loss)
- 16% increase in operating expenses (before significant items) to \$8.6m primarily through acquisition of Dycomet and TriD Dynamics
- Total expenses include a \$1.3m significant item reflecting the recognition of future acquisition costs
- Increased net loss to \$7.5m

Cash flow and balance sheet



Statement of Cash Flows	H1 FY22 \$,000	H1 FY21 \$,000
Operating cash flows	(4,532)	(5,185)
Investing cash flows	(1,086)	(0,097)
Financing cash flows	11,438	(218)
Net cash flow	5,821	(5,499)
Cash balance at beginning of the half	7,946	17,458
Cash balance at the end of the half	13,768	11,959

Statement of Financial Position	31 December 2021 \$,000	30 June 2021 \$,000
Current assets	18,148	11,084
Non-current assets	4,331	2,505
Total Assets	22,479	13,589
Current Liabilities	5,489	2,977
Non-current liabilities	2,720	1,170
Total liabilities	8,210	4,147
Total Equity	14,269	9,442

- Well funded with \$13.8m in cash reserves following:
 - \$9.9m successful share placement and share purchase plan
 - \$2.5m strategic investment from Repkon
- Operating cash outflow of \$4.5m
- Investing cash outflows of \$1.1m primarily relate to payments for acquisitions. An additional \$1.5m deferred consideration held as a non-current provision
- Financing cash flows inclusive of \$0.2m lease payments under AASB16
- Clean balance sheet with no debt



H1 FY2022 Operational Update

H1 FY2022 operational achievements

- **\$2.5m strategic investment from Repkon**
 - Key customer makes strategic investment, following initial JV for manufacture of weapons systems barrels
- **Completion of strategic acquisitions**
 - Leading European cold spray technology company Dycomet acquired in early December
 - Tri-D Dynamics acquisition completed in July
- **TKF1000 sale to TWI UK**
 - GBP1.2m (~A\$2.3m) purchase order received from leading research and technology organisation TWI
 - Titomic to supply TKF1000 system, expected to be shipped in May 2022
- **Triton Systems agreement**
 - Triton Systems is a leading US-based product development and technology company with over a decade of experience in additive manufacturing
 - Provides another entry into US Defence, Homeland Security, Aerospace, Automotive and Energy sectors
- **Low carbon emission “green” space-based applications**
 - \$2.325m Modern Manufacturing Initiative Grant from the Australian Federal Government
 - Total eligible project expenditure of \$4.65m to build and commercialise green space vehicle parts
 - Agreement signed with Boeing, adding to existing commercial partnerships in the space industry



Acquisition of Dycomet Europe B.V

- Strong European business with complementary product portfolio
 - Dycomet Europe is a dynamic company specialising in Cold Gas Spray technology
 - Clients include Rolls-Royce, Mercedes, Airbus, Siemens, VW and leading universities
- Immediately revenue accretive with forecast additional annual revenue of 1.0 million euros
 - A healthy pipeline of customer orders in Europe
 - Revenue contribution already seen in December, following 1 December 2021 completion
- Creates a European base to target local customers
 - Focus on aviation, automotive and higher education sectors
- Increased vertical integration
 - Dycomet services the soft-end low and medium-pressure market
 - Combined expertise will provide current customers with broader product offering
- Funded from a mix of existing cash and equity
 - Cash consideration of €1.3m with €1m paid on completion and two equal deferred payments of €0.5m being paid 18 months and 36 months post completion
- Culturally and operationally aligned
 - Founder and all management retained
 - Dycomet Founder and CEO to step into new role of General Manager of Titomic Europe



A blue-tinted photograph of two male technicians in a factory. They are wearing high-visibility safety vests with the 'TITOMIC' logo. One technician is holding a tablet and pointing at a large industrial robotic arm. The arm has 'TITOMIC' branding and a logo. The background shows industrial machinery and a large circular component.

Questions



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