

ASX : FUN  
August 2026

**FORTUNA**  
METALS

# TITANIUM

## Discovery to Developer



**TITANIUM:**  
Rutile  $\text{TiO}_2$

# Important Information

## Corporate Presentation

The information contained in this presentation is provided by Fortuna Metals Limited ("Fortuna") and its related bodies corporate (the "Group") for background informational purposes only. The information in this presentation is not investment advice, is not intended to be used as the basis for making an investment decision and does not constitute an offer to issue or arrange to issue, or the solicitation of an offer to issue, securities of Fortuna. Fortuna has made reasonable efforts to ensure that the information contained in this presentation is accurate as of the date hereof, however, there may be inadvertent or unintentional errors. No representation or warranty, express or implied, is made as to the fairness, accuracy, completeness or correctness of the information contained in this presentation. To the maximum extent permitted by law, none of Fortuna nor its directors, officers, employees or agents, nor any other person, accepts any liability, including, without limitation, any liability arising out of fault or negligence, for any loss arising from the use of the information contained in this presentation.

The information in this presentation that relates to Exploration Results, Mineral Resources\*\* or Ore Reserves is based on information compiled by Mr Thomas Langley who is a member of the Australian Institute of Geoscientists (MAIG) and a member of the Australasian Institute of Mining and Metallurgy (MAusIMM). Mr Thomas Langley is a full-time employee of Fortuna Metals Limited and has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the 2012 Edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves". Mr Langley consents to the inclusion in this presentation of the matters based on his information in the form and context in which it appears.

## Technical Information

This presentation includes disclosure of scientific and technical information. The information in this document is based on, and fairly represents information and supporting documentation reviewed by Mr Thomas Langley, a Competent Person who is a Member of the Australian Institute of Geoscientists. Mr Thomas Langley is the CEO of the Company. Mr Thomas Langley has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken to qualify as a Competent Person as defined in the 2012 Edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves". Mr Thomas Langley has approved this document as a whole in the form and context in which it appears.

## Forward-looking statements

Certain information contained in this presentation may contain "forward-looking statements". Forward-looking statements may include, but is not limited to, information with respect to the future financial and operating performance of Fortuna, its subsidiaries and affiliates, the estimation of Mineral Reserves and Mineral Resources, realization of Mineral Reserve and Mineral Resource estimates, costs and timing of development of Fortuna's projects, costs and timing of future exploration, timing and receipt of approvals, consents and permits under applicable legislation, results of future exploration and drilling and adequacy of financial resources. Forward-looking statements are often characterized by words such as "plan", "expect", "budget", "target", "project", "intend", "believe", "anticipate", "estimate" and other similar words or statements that certain events or conditions "may" or "will" occur.

Forward-looking statements are subject to known and unknown risks, uncertainties and other factors that may cause actual results to be materially different from those expressed or implied by such forward-looking statements, including: risks associated with investments in publicly listed companies; risks associated with general economic conditions; fluctuations in commodity prices; the inherent risks and dangers of mining exploration and operations in general; the possibility that required permits may not be obtained; environmental risks; uncertainty in the estimation of Mineral Resources and Mineral Reserves; general risks associated with the feasibility, development and production of each of Fortuna's projects; the risk that further funding may be required, but unavailable, for the ongoing exploration, development and production of Fortuna's projects; changes in laws or government regulations, policies or legislation; unforeseen expenses; fluctuation in the exchange rate of the Australian dollar; litigation risk; risks of being unable to sell production resulting from the development of a project; uninsured hazards; disruptions to Fortuna's supplies or service providers; reliance on key personnel; retention of key employees; absence of dividends; and competition.

Forward-looking statements are based on the reasonable assumptions, estimates, analysis and opinions of management made in light of their experience and their perception of trends, current conditions and expected developments, as well as other factors that management believes to be relevant and reasonable in the circumstances at the date that such statements are made, but which may prove to be incorrect. Fortuna believes that the assumptions and expectations reflected in such forward-looking statements are reasonable.

Readers are cautioned that the foregoing list is not exhaustive of all factors and assumptions which may have been considered by Fortuna. Although Fortuna has attempted to identify important factors that could cause actual results to differ materially from those contained in forward-looking statements, there may be other factors that cause results not to be as anticipated, estimated or intended. There can be no assurance that such information will prove to be accurate, as actual results and future events could differ materially from those anticipated in such information. Accordingly, the forward-looking information contained in this release is expressly qualified in its entirety by this qualifying statement and readers should not place undue reliance on forward-looking statements. Fortuna does not undertake to update any forward-looking statements, except in accordance with applicable securities laws.

The information in this presentation that relates to Exploration Targets\* at the Mkanda Project, is based on information compiled by Mr Richard Stockwell, a Competent Person who is a Fellow of The Australian Institute of Geoscientists. Mr. Stockwell is a full-time employee of Placer Consulting Ltd and a consultant to Fortuna Metals Limited. Richard has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the 2012 Edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves". Mr Stockwell consents to the inclusion in this presentation of the matters based on his information in the form and context in which it appears

\*ASX:FUN, ASX announcement 7 April 2026 Globally Significant Rutile Target

\*\* ASX:FUN, ASX announcement 15 July 2026 Globally Significant Rutile-Graphite Resource at Mkanda

# Executive Summary



**MALAWI**

**SOUTH EASTERN AFRICA**

## MKANDA IS A WORLD-CLASS DISCOVERY & RESOURCE

Fast paced exploration with maiden resource only 10 months from project acquisition

- **Maiden Inferred Resource 298Mt @ 0.87% Rutile & 1.19% TGC**
- Large scale resource at surface low cost - **zero strip mining**
- **11km to rail & 900km to port** - pathway to market
- **Additional revenue streams** graphite, heavy rare earths & zircon
- **Well capitalised with \$12.8m** as at 30 July 2026
- **Strategic partner in WNDR to help deliver development opportunities in the USA**
- **PFS due Q3 2027** only 2 years from project acquisition

## GLOBAL PREMIUM FEEDSTOCK

Fortuna's potential supplier of high-grade natural rutile into the advanced titanium value chain, serving:

- **Commercial aerospace** (large existing demand and aircraft backlog)
- **Defence** (high titanium intensity and strategic supply)
- **Advanced manufacturing** (3D printed Ti-6Al-4V and industrial equipment)
- **Physical AI** (humanoids, robotics and autonomous systems)

## DEPLETION OF EXISTING RESOURCES

Global natural **rutile output has fallen ~44% from 2017's peak** of ~800,000 tpa

**USA imports 100% of titanium sponge and alloys, domestic titanium sponge production ceased in 2021**

Optional alignment with Western titanium and advanced manufacturing supply chains **'western qualified titanium'**

## MALAWI MINING INDUSTRY ON THE RISE

**Supportive pro-mining government**

**DFC eligible**; zero US sanctions exposure

**World Bank** invested in Malawi growth - Mpatamanga Hydro  
Lindian, Lotus. Globe Metals, Sovereign Metals

**Japanese Government \$7bn infrastructure investment in Nacala Corridor**

# Mkanda

Malawi Titanium Opportunity



A globally significant rutile discovery & graphite with rare earths + zircon potential → Top 6 for contained rutile in the world\*

**298Mt @ 0.87% rutile and 1.19% TGC (0.7% cut-off)**

*Including a high-grade rutile component*

**159Mt @ 0.98% rutile and 1.11% TGC (0.8% cut-off)**

Total 658km<sup>2</sup> - significant land position and upside for further discoveries

Drilling has focussed on Mkanda. Hand auger to commence at Kampini H2 2026

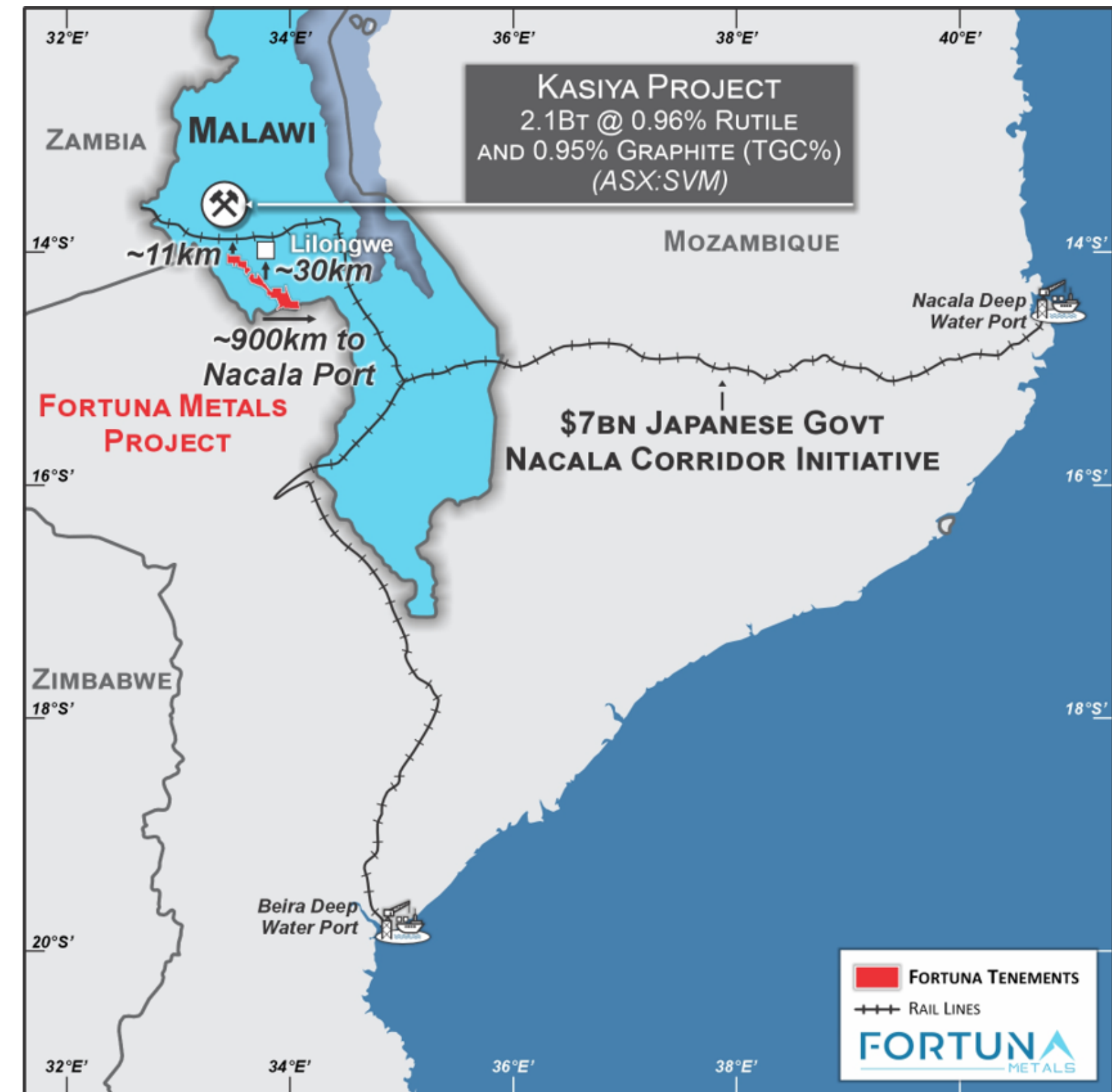
Excellent infrastructure **11km to Nacala rail line to the deep-water port**

Potential multiple **high grade 'satellite pits' from surface with the majority open at depth, along strike**

**Simple metallurgy and conventional processing** to get final rutile, graphite, zircon and rare earths products

**Central 'hub and spoke' processing hub**

\*Cautionary statement: Note global ranking is calculated within the peer entities listed in Appendix 1, the Company notes that its peer entities project MREs also contain higher confidence Indicated and Measured resource estimates.



\*ASX:FUN, ASX announcement 15 July 2026 Globally Significant Rutile-Graphite Resource at Mkanda



# Titanium

Superior Properties for  
Advanced Industries

## 45% LIGHTER THAN STEEL

Titanium alloys can be  
three to five times  
stronger than  
stainless steel



### F22 RAPTOR

40% titanium by weight  
~9000lb



### A350/787

~18 tonnes titanium alloy  
15% titanium by weight

## STRENGTH-TO- WEIGHT RATIO

Titanium alloys can  
have a far higher  
strength-to-weight ratio  
than aluminum and  
magnesium alloys

## CORROSION & TEMPERATURE RESISTANCE

Durable, long-life  
products that don't  
need paint - coastal  
infrastructure, offshore,  
desalination plants

## MICRO ALLOY STEEL & SUPERCONDUCTORS

Combined, Ti and Nb  
optimizes superconductors  
by pairing high strength with  
ductility—a balance neither  
metal achieves alone.

# Pigment

Largest consumer of rutile

Titanium dioxide pigment ( $\text{TiO}_2$ ) is an inorganic white pigment; most common use in paint & coatings, plastics, paper and printing ink

**Long-term  $\text{TiO}_2$  demand has historically been correlated with GDP growth**

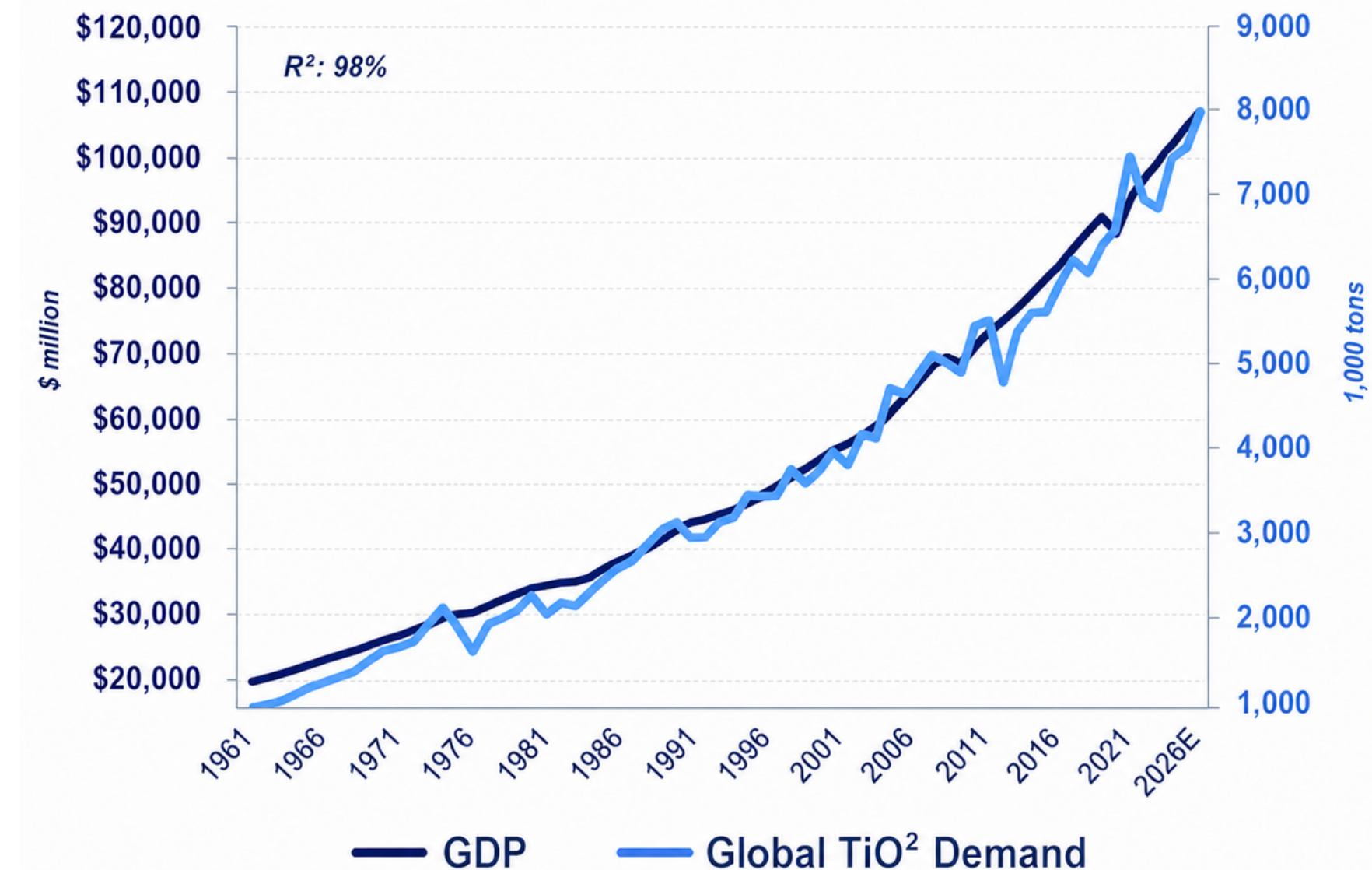
**Global pigment market needs new supply of 100 - 150,000 tonnes per annum**, currently 7.8million tonnes p.a. of  $\text{TiO}_2$  & growing at a GDP rate of ~2%.

Since 2017, the pigment market has **grown by +1million tonnes of  $\text{TiO}_2$  over the last 10 years & accounts for ~85% of high grade  $\text{TiO}_2$  consumption**

**$\text{TiO}_2$  market supply / demand balance expected to further tighten in 2026 as supply cuts are implemented**

- Anti-dumping duties expected to further support Western supply / demand
- Chinese producers currently challenged by sulfur availability and rising costs

**Higher-cost and smaller producers either reducing capacity or closing facilities**



# Welding

Established market for natural rutile - can't be substituted

**In general welding is the most lucrative because unlike pigment or sponge, they can't use other forms of  $\text{TiO}_2$  and prices tend to be higher**

## **Recurring Demand**

Electrodes and flux-cored wires are consumables — supporting repeat purchasing throughout infrastructure and industrial cycles

## **Structural Growth Drivers**

Shipbuilding • Infrastructure • Pipelines • Energy • Heavy Engineering • Maintenance

## **Premium Feedstock**

High-grade natural rutile provides  $\text{TiO}_2$  directly into welding flux formulations, with product consistency and impurity specifications key to customer qualification

## **Natural rutile remains a premium welding feedstock**

High  $\text{TiO}_2$  content and favourable mineralogy make natural rutile attractive for electrode coatings where consistent chemistry, arc characteristics and slag behaviour matter. Higher-grade material can reduce the amount of upgrading required before use

## **Supply tightening supports the outlook**

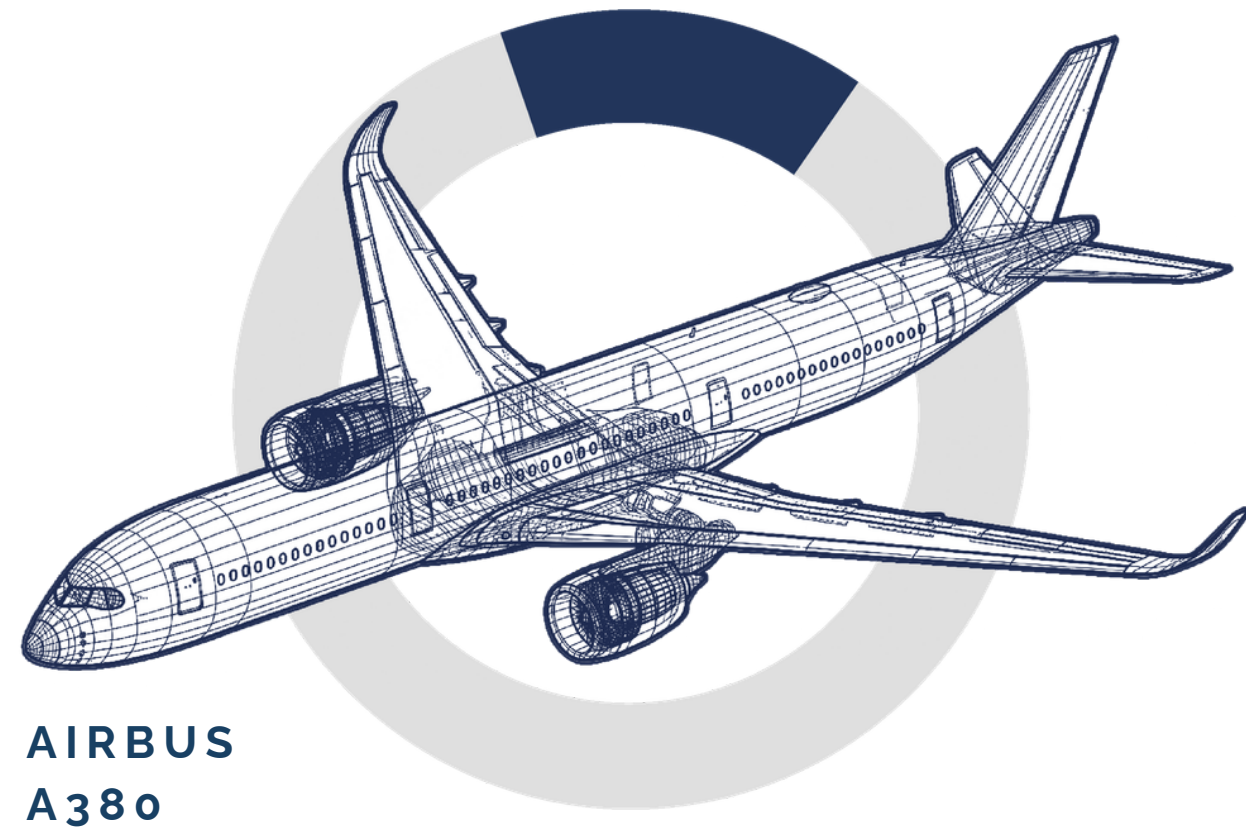
A constrained supply base competing across several end markets strengthens the strategic value of new natural-rutile production



# Aerospace

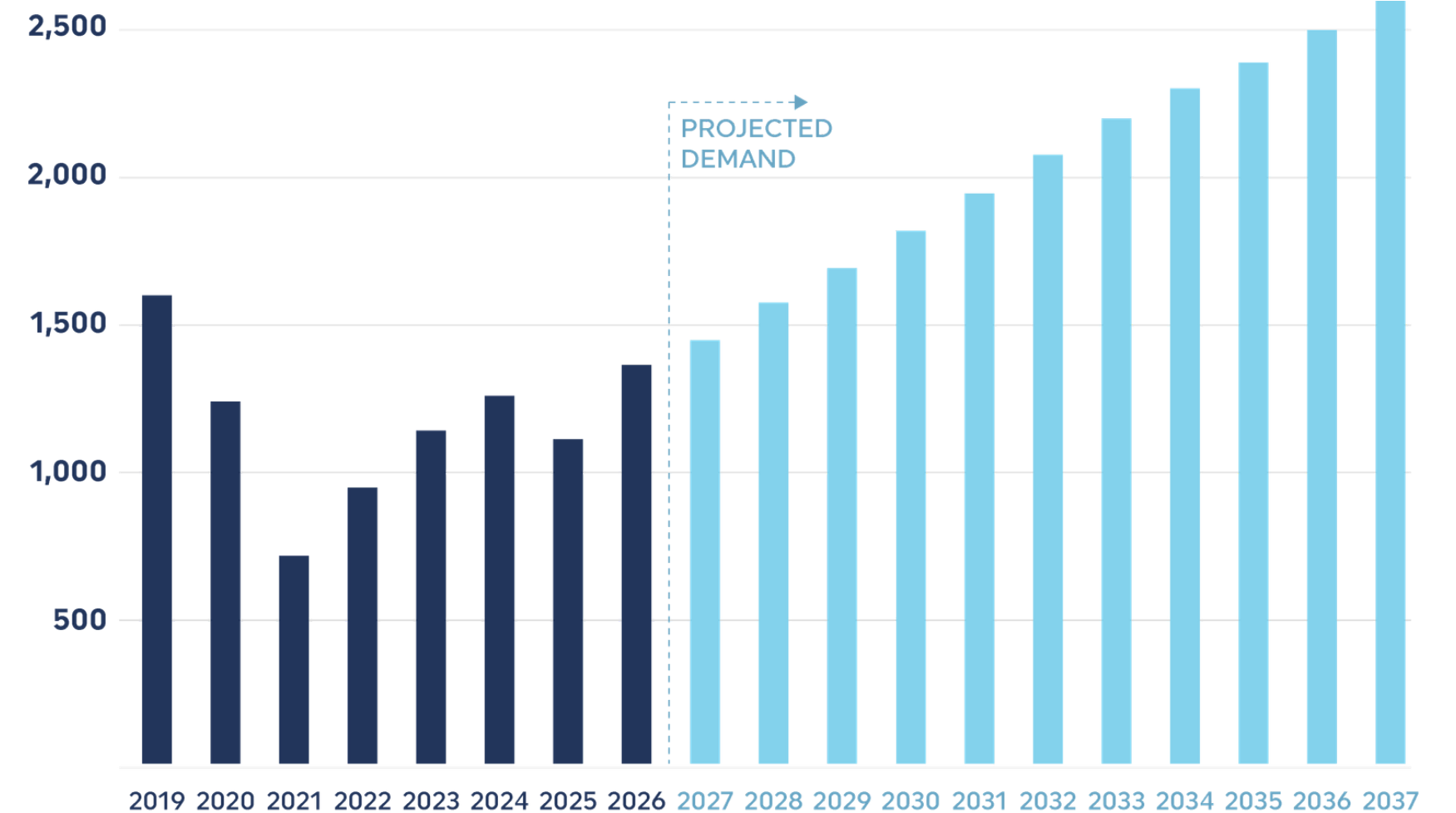
Structural long-term demand foundation for titanium

15% Titanium by Weight



Modern aircraft are increasingly titanium intensive, with approximately 10–15 tonnes of titanium material associated with narrowbody aircraft and up to ~40 tonnes for composite-intensive widebody aircraft.

## Commercial Aircraft Deliveries



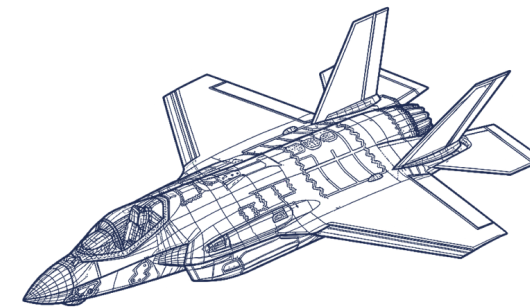
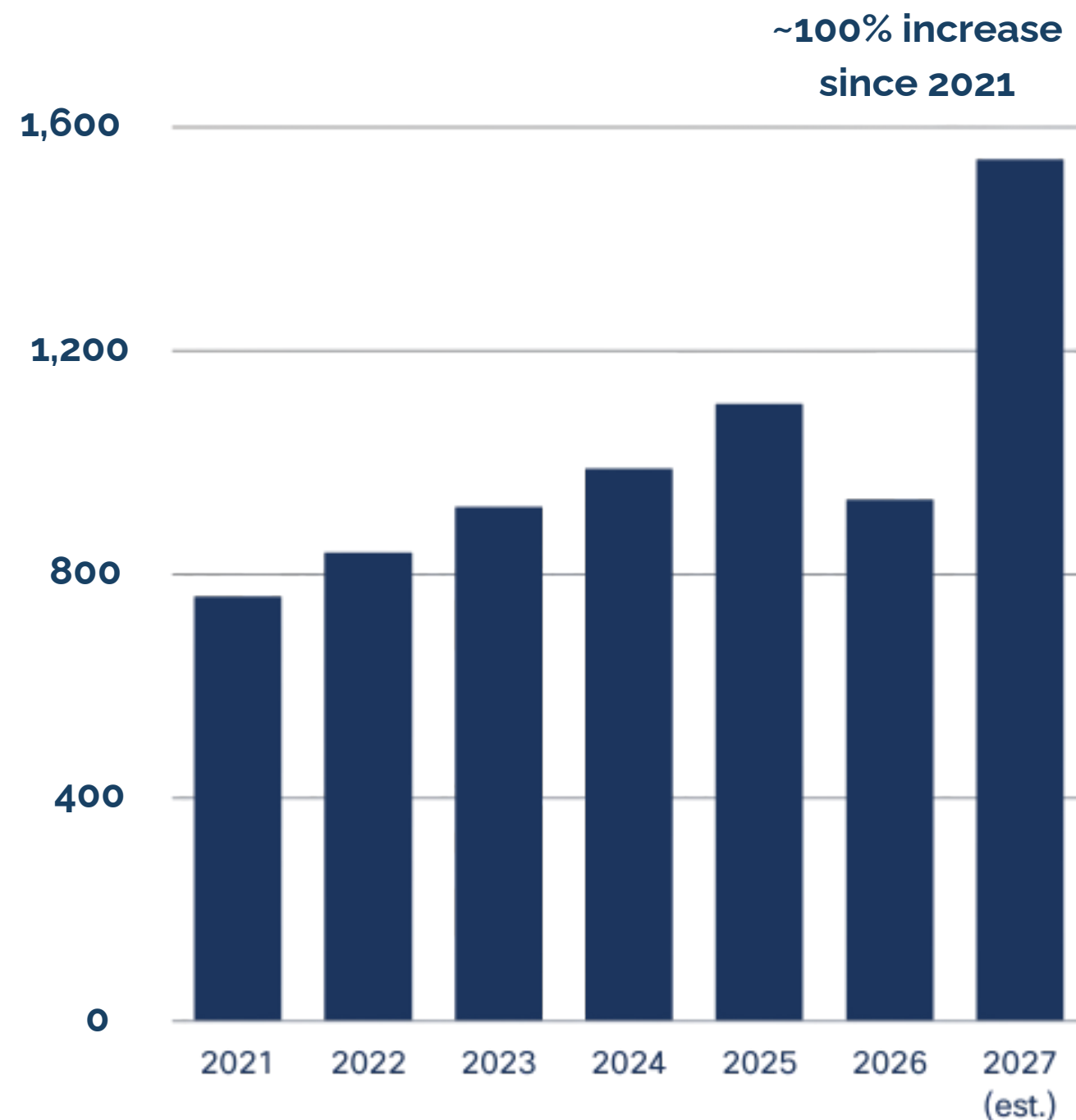
Airbus forecasts more than **42,000 new commercial aircraft** will be required over the next 20 years, while the industry is already carrying a backlog exceeding 16,000 aircraft.

[Airbus 2026-2045 Global Market Forecast \(July 10, 2026\)](#)

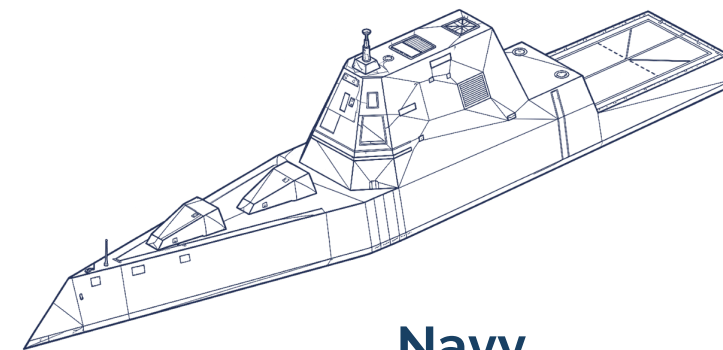
[ADS Group: Global Commercial Aircraft Orders & Deliveries \(Dec 2, 2025\)](#)

# Record Defense spending driving demand for titanium

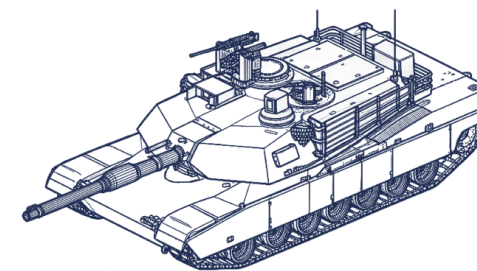
US Budget Authority - Total National Defense (US\$m)<sup>1</sup>



**Air Force**



**Navy**



**Army**

**F-22 Raptor** ~39% titanium content

**V-35 Lightning II** ~ 20% titanium content

**Submarines** - Large scale titanium fasteners and valves

**Surface ships** - Titanium piping and pumps

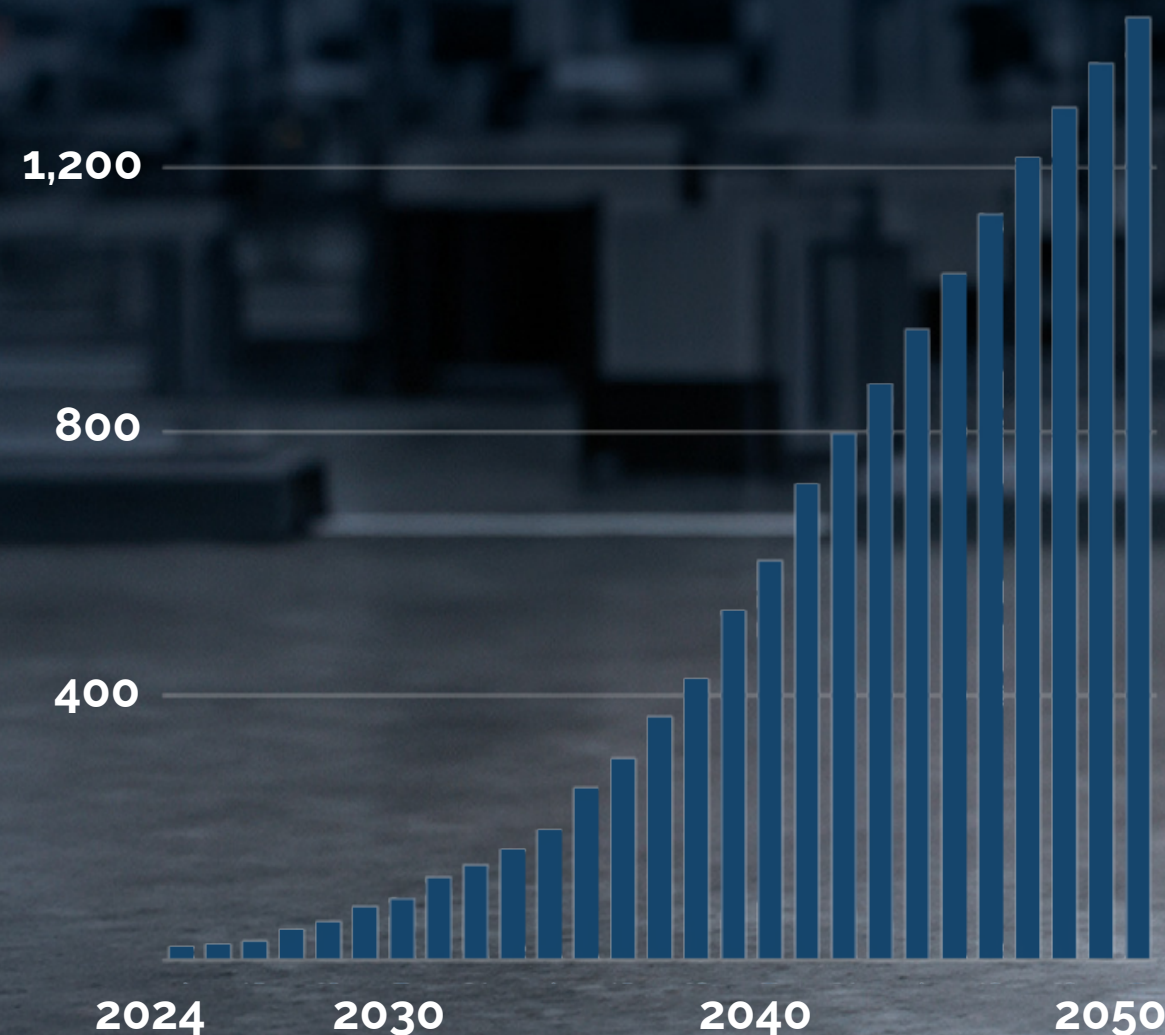
**M777 Howitzer** - Core Structure made of titanium

**M1 Abrams** - Titanium lightweighting and ballistic performance

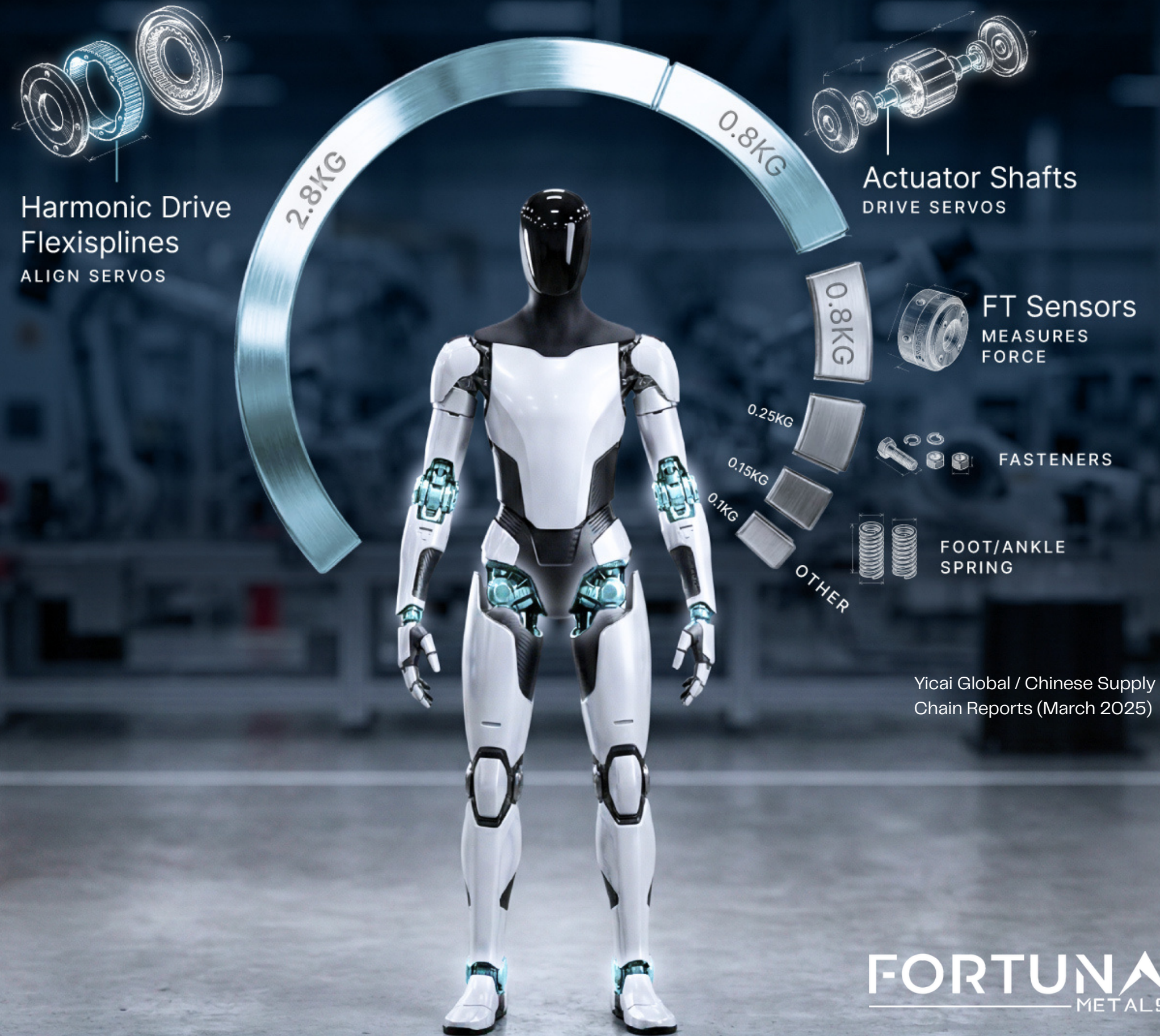
# Future Demand of Humanoid Robots

As physical AI moves toward higher performance and greater scale, lightweight, high-strength motion hardware creates a potentially significant new addressable market for titanium

Case Study: Total robot sales forecast (million units)<sup>1</sup>



<sup>1</sup> Morgan Stanley Research - December 2025



Yicai Global / Chinese Supply Chain Reports (March 2025)

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# Unlocking the Robot Revolution



**Elon Musk** "10 billion humanoid robots by 2040"



**Citi** report estimates there will likely be 1.3 billion AI-robots by 2035 and 4 billion by 2050

Morgan Stanley

**Morgan Stanley** estimates humanoid robots could reach 63 million units by 2050 in the US



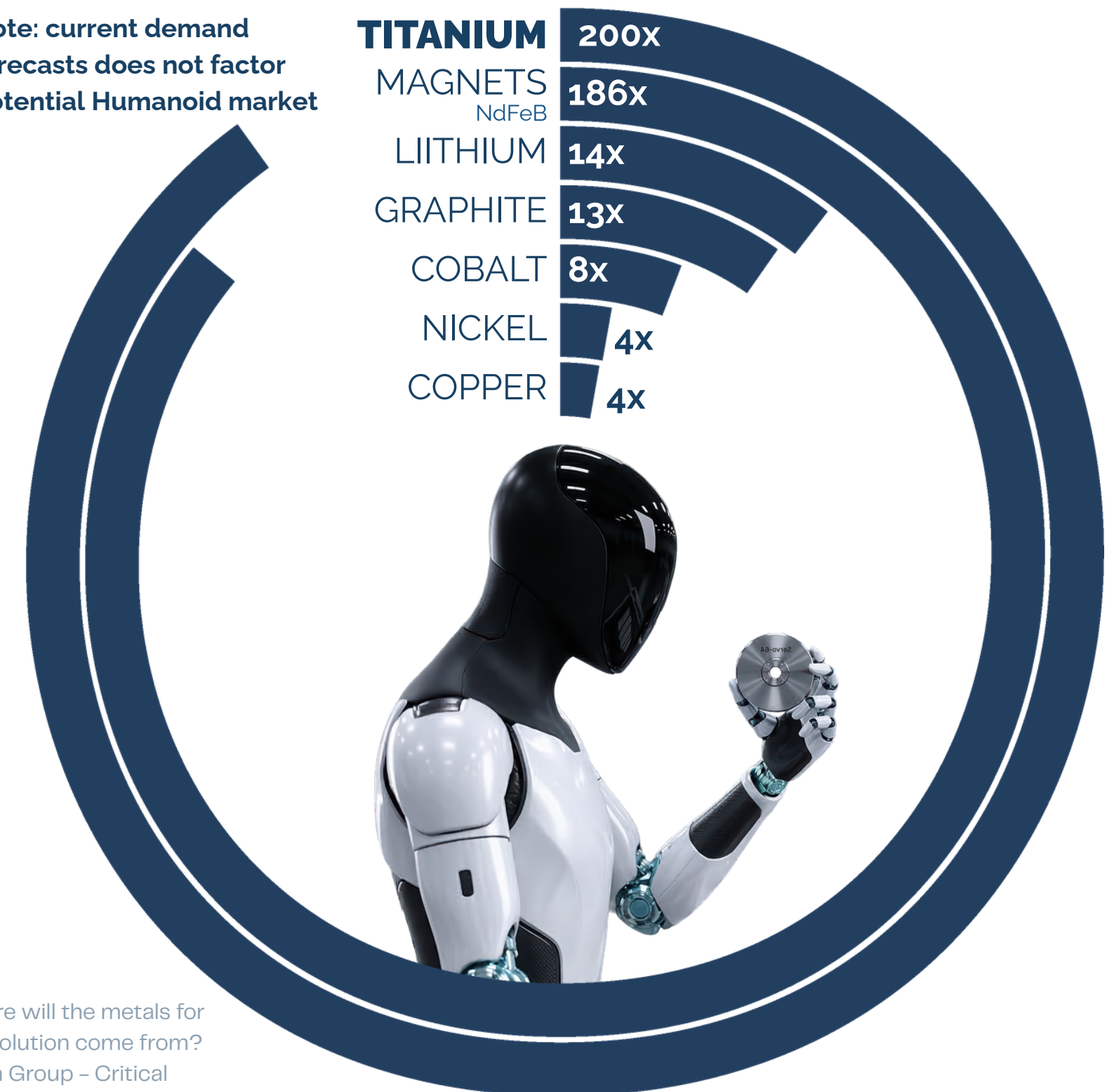
**Goldman Sachs**, one of the more conservative forecasts, still projects a surge in robot production, with 1.4 million units shipped in a US\$38 billion market by 2035

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## Metals Needed for **10,000,000,000** Humanoid Robots

Note: current demand forecasts does not factor potential Humanoid market

200x times current global annual titanium production



Source: Where will the metals for the robot revolution come from?  
– The Oregon Group – Critical Minerals and Energy Intelligence



# Malawi

EXCEPTIONAL TITANIUM RUTILE POTENTIAL



**AKATSWIRI**  
Mineral Resources

## Excellent Country Manager

Geologist, engineers, environmental & govt relations.

Malawi - safe and stable jurisdiction

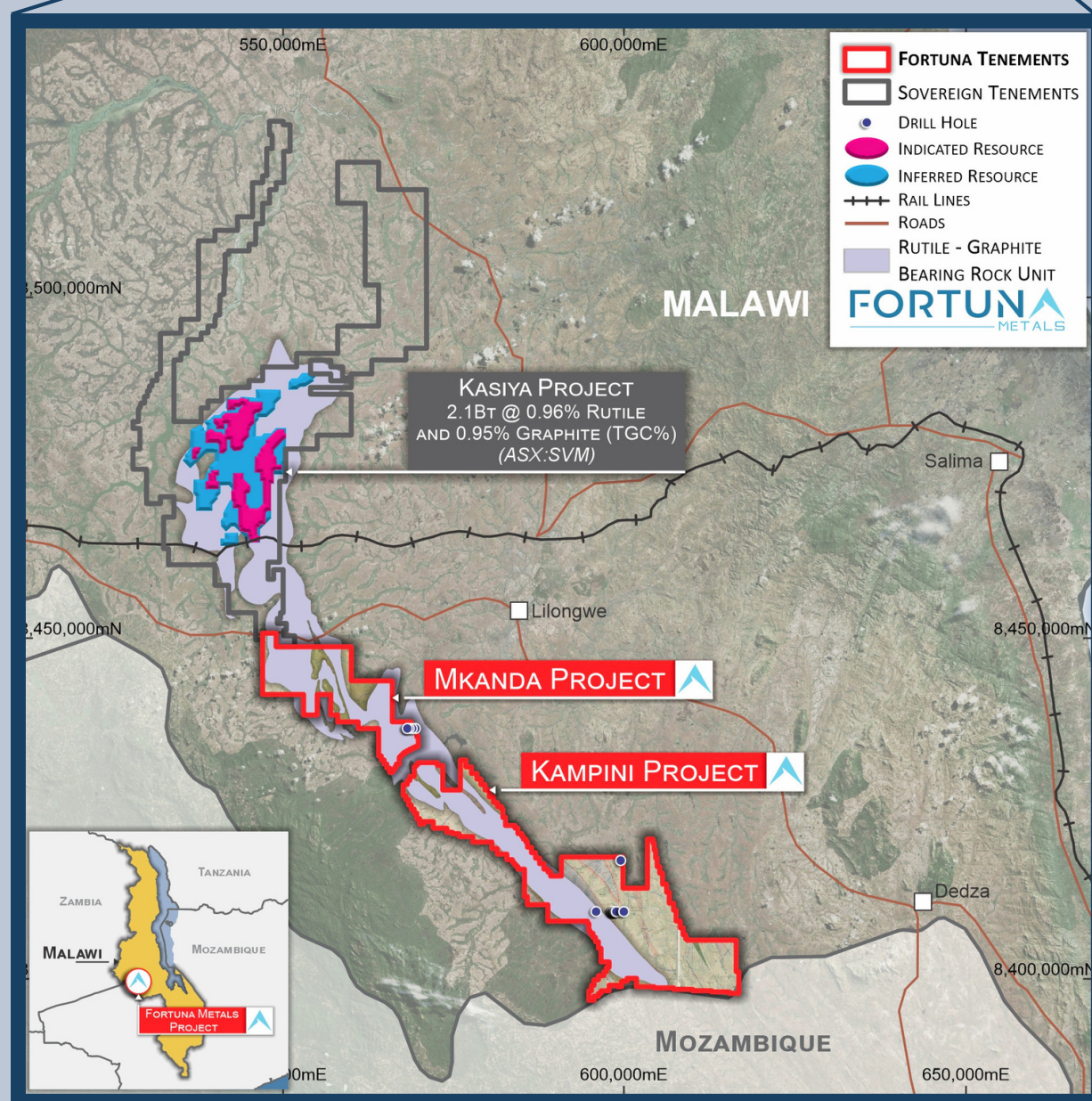
## Cost advantage and scalability

Capital city of Lilongwe 30km to project area accessed by bitumen roads & extensive road network across project area. >90% of area is cleared farming - great access for drilling. 2.5hr flight from Johannesburg to Lilongwe

## 11km to Nacala rail line.

Japanese Government committing US\$7bn to Nacala Corridor (port & rail) Mozambique, Malawi and Zambia.

22 million tonnes per annum capacity - underutilised



# Mkanda Malawi Titanium



**High grade mineralization at surface across extensive areas**  
multiple large **coherent mineralised prospects >1km**

Aircore drilling underway to focus on proving rutile mineralisation  
continues to **~20-25m depth free-dig limit**

**First assays Q3, 2026 major resource catalyst**

Mkanda project **de-risked by Kasiya**

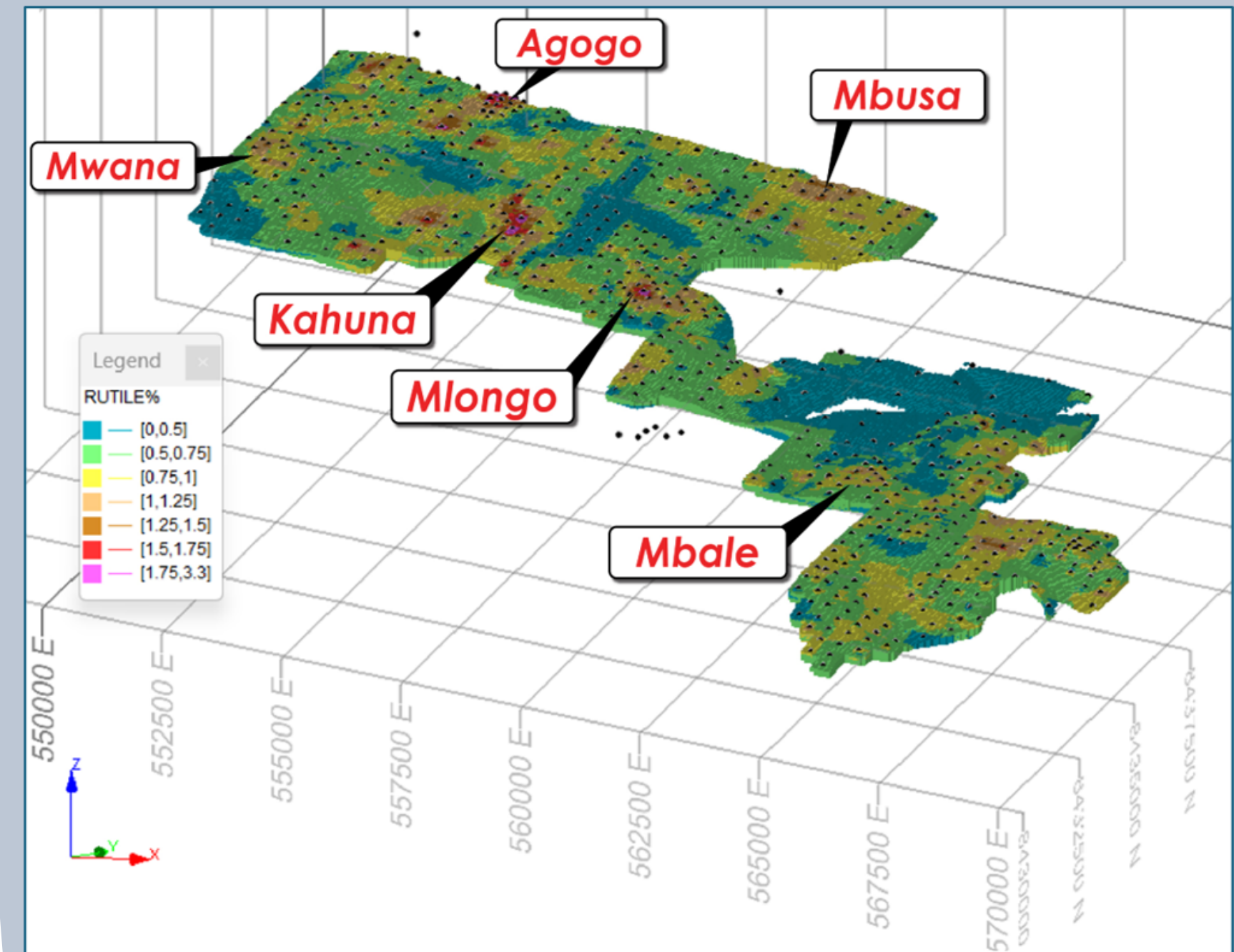
- Same geology
- Same mineralogy rutile dominant assemblage
- Same high value basket of critical minerals (graphite, HREE's & zircon)
- Globally significant contained rutile resource in maiden MRE

**Fortuna strategy;**

- Focus on high grade cores
- Lowest capex to first ore
- Highest margin and quickest timeframe into production
- Strategic partners to develop the mine and diversified offtake profile

**Indicated MRE anticipated ~June 2027**

**Pre-Feasibility Studies anticipated to be completed Q3 2027**



\*ASX:FUN, ASX announcement 15 July 2026 "Globally Significant Rutile-Graphite Resource at Mkanda"

# Mkanda

Additional revenue streams



Graphite has the potential to be lowest quartile cost of production globally

Best results of\*;

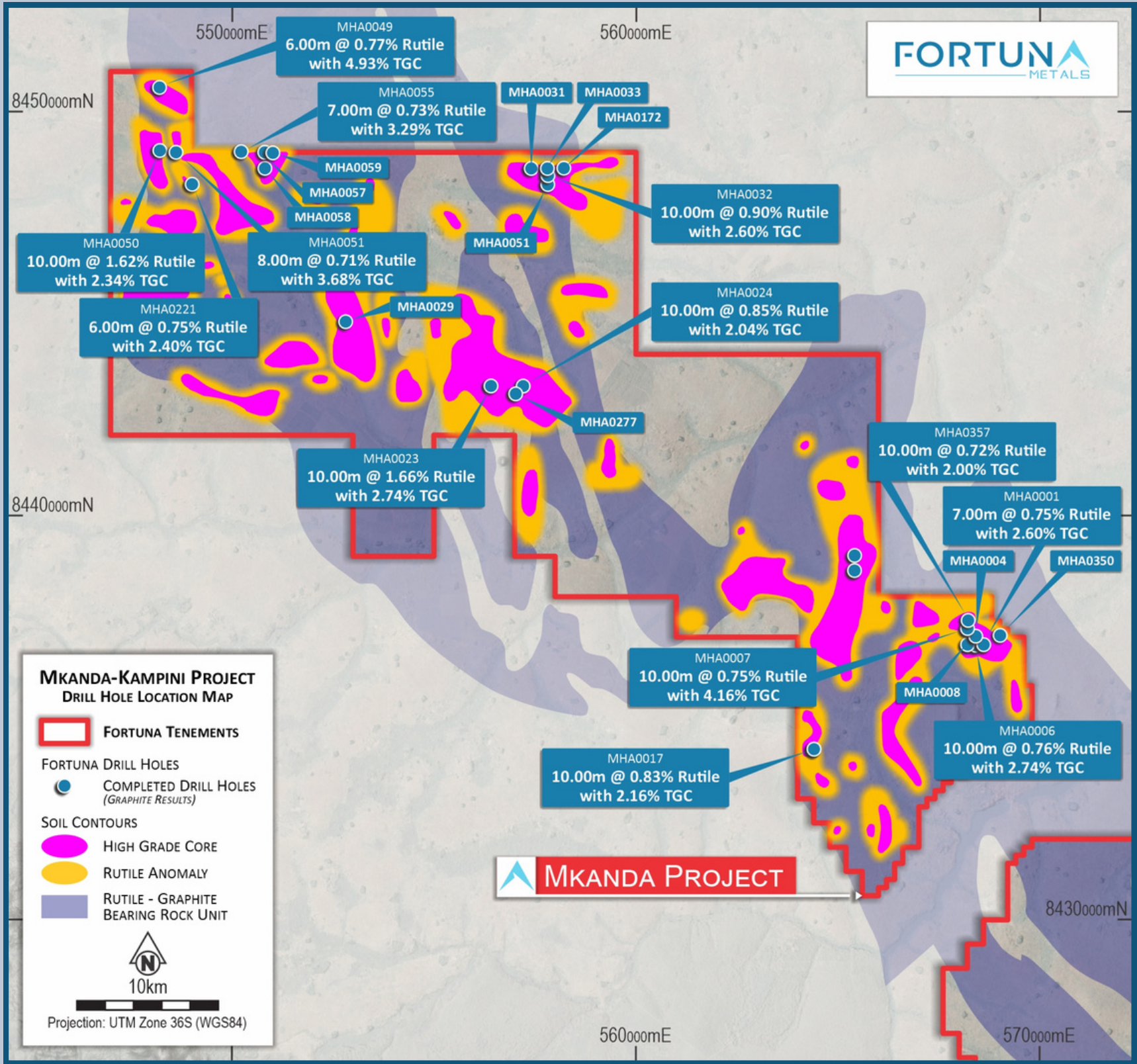
- 6m @ 0.77% rutile, (MHA0049) with **4.93% TGC**
- 10m @ 0.75% rutile, (MHA0007) with **4.16% TGC**
- 10m @ 1.66% rutile, (MHA0023) with **2.74% TGC**
- 10m @ 1.62% rutile (MHA0050) with **2.34% TGC**

Elevated levels of heavy rare earth elements Dysprosium – Terbium (DyTb) and Yttrium and light rare earths Neodymium and Praseodymium (NdPr) from assays at Mkanda

|                               | NdPr  | DyTb | Yttrium |
|-------------------------------|-------|------|---------|
| Fortuna Metals                | 19.7% | 3.1% | 20.1%   |
| Sovereign Metals <sup>1</sup> | 21.8% | 2.9% | 11.9%   |

Monazite and Xenotime by-product has potential to add third revenue stream to Mkanda for **near-zero incremental cost** - concentrate ~US\$5,600/t delivered to China\*\*

Further test work is underway to **characterise the monazite, xenotime and zircon occurrences and distribution**



<sup>1</sup> Sovereign Metals Limited (ASX: SVM), Strategic Heavy Rare Earths Recovered at Kasiya, ASX Release, 21 January 2026

\* Fortuna Metals Limited (ASX:FUN), Strategic Heavy Rare Earths & Graphite Results, ASX Release, 30 April 2026

\*\* <https://www-old.metal.com/Concentrate/202403260008>

# Workflow Achieved

## Rapid pace of discovery - systematically adding value

- ✓

Acquisition announced September 2025
- ✓

Site visit and setting up in-country exploration team
- ✓

Phase 1 soil sampling
- ✓

Phase 1 hand auger drilling
- ✓

Confirm rutile mineralisation dominant titanium mineral (XRD & QEMSCAN)
- ✓

Results of Phase 1 programs – discovery hole 10m @ 1.66% rutile
- ✓

Phase 2 systematic hand auger drilling across Mkanda on 400m grid pattern
- ✓

High grade rutile discovery
- ✓

Expanded technical team to drive project through resource, feasibility studies & marketing
- ✓

Bulk Sample Testwork +96% TiO<sub>2</sub> Rutile product
- ✓

Maiden Inferred Resource in July 2026 298Mt @ 0.87% rutile, 1.19% TGC
- ✓

US Cornerstone Investment WNDR for \$8.6m, 18.57% of SOI
- 🕒

Rare earth and zircon review H2, 2026
- 🕒

2<sup>nd</sup> Bulk Sample Testwork H2 2026
- 🕒

PFS to commence Dec 2026

### CAPITAL STRUCTURE

|                                                 |             |
|-------------------------------------------------|-------------|
| Market Cap (Undiluted) (\$0.093 <sup>**</sup> ) | ~\$39.2M    |
| Shares on Issue                                 | 421,712,271 |
| Performance Rights                              | 25,227,273  |
| Options                                         | 110,361,863 |
| Cash (31 July 2026)                             | \$12.8m     |
| Enterprise Value                                | \$26.4m     |
| Top 20%                                         | 64%         |

### MAJOR SHAREHOLDERS

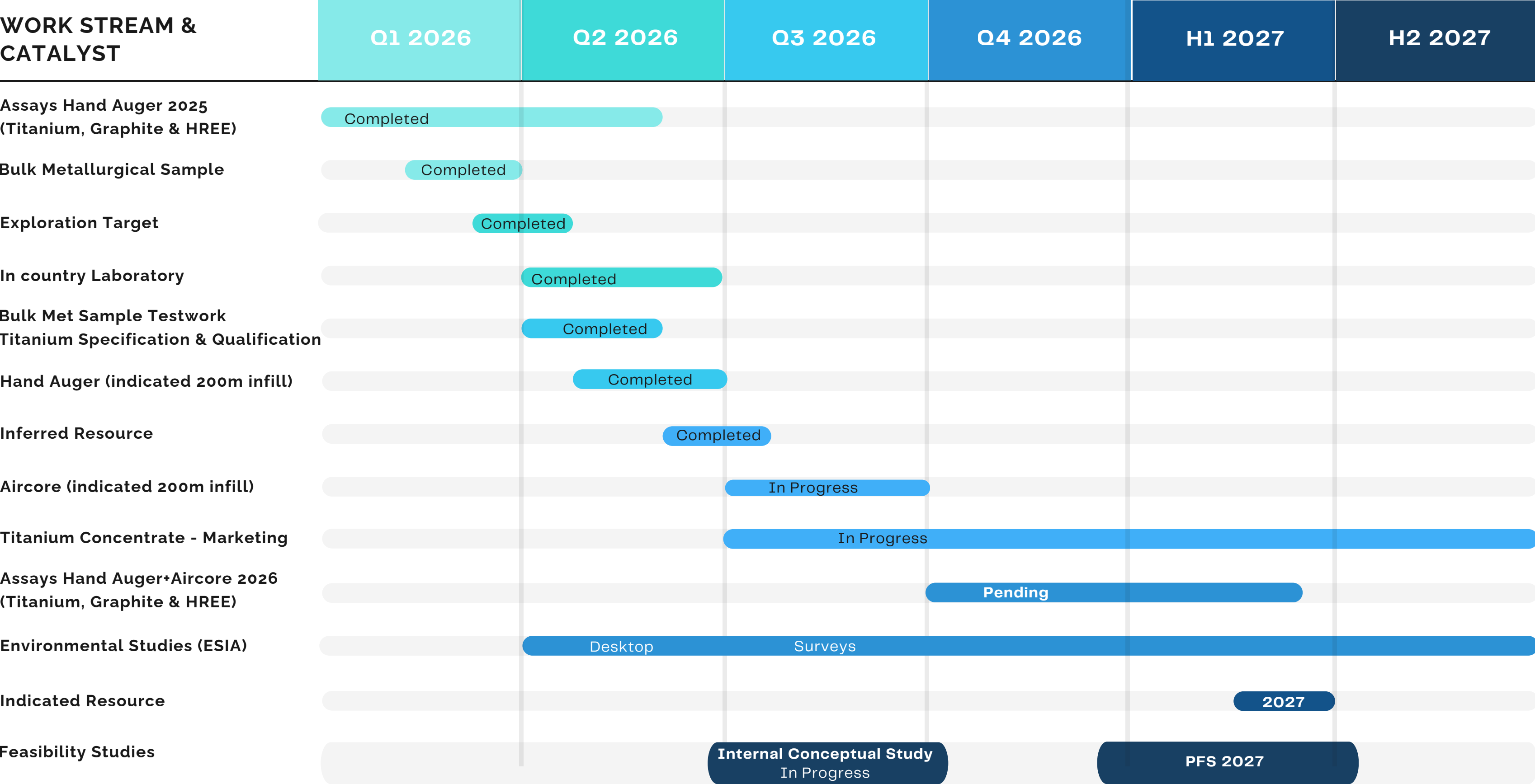
|                        |        |
|------------------------|--------|
| WNDRCO Holdings III LP | 18.57% |
|------------------------|--------|

<sup>\*\*</sup> Market Capitilisation is based on Share Price 12/8/2026

- Notes:
- 58,725,000 unlisted options exercisable at 11c expiry date of 30 June 2031 related to a commercial outcome that is introduced by WNDR
  - 39,500,000 unlisted options with an exercise price of \$0.0338 and expiry date of 15 August 2029. There are also an additional 12,136,963 unlisted options with various expiry dates and exercise prices ranging from \$0.16 - \$0.20
  - The performance securities will be issued to CEO (refer to ASX announcement dated 11 September 2025 for details) and service providers in lieu of cash payments

# Workflow

## Key Catalysts & Milestones



# Board & Management

Assembling a mineral sands team that can deliver



## **TOM LANGLEY**

Chief Executive Officer

- Geologist 14 years in multi-commodity exploration and mining
- MSc Econ Geology (CODES) & BSc Geology (UWA)
- Led the discovery of the high grade rare earths Lyons project in Gascoyne, WA
- Delivered exploration programs for remote and early stage projects in Australia
- Competent Person for ASX-listed and private companies



## **PETER PAWLOWITSCH**

Non-Executive Chairman

- 20+ years capital markets, financing and governance experience
- Experienced ASX listed Director
- Proven at structuring complex resource transactions
- Expertise in early stage exploration and project sourcing in multiple jurisdictions
- Fellow of the Governance Institute of Australia and qualified accountant (CPA)

## **BRIAN THOMAS**

Non-Executive Director

35+ years experience as Director and Corporate Executive  
Chairman of Azure Minerals  
recent \$1.7b takeover by SQM and Hancock

## **DAVID FRANCES**

Non-Executive Director

International executive with 30+ years transacting, discovering, funding, developing and operating assets in Australia and Africa  
Managing director of Black Horse Mining - Ballarat gold focus

## **MATT FOY**

Company Secretary

Professional company secretary and Director facilitating Public Company corporate activity and compliance with core strengths in the ASX Listing Rules, transactional and governance disciplines

# Consultants



## **HILTON BANDA**

Country Manager Akatswiri Resources

Geological consultancy with strong government and industry relations in Malawi



## **RICHARD STOCKWELL**

Resource Geologist

Expert mineral sands geologist & JORC resource Competent Person



## **DAVID BOUGOURD**

Metallurgy & Planning

Metallurgist ex Iluka GM Eneabba Operations  
Principal Midwest Metallurgy



## **IAN HIND**

Marketing Consultant

20 years' experience in marketing mineral sands products to global customers for Kimberley Mineral Sands, Strandline Resources Pty Ltd and Iluka Resources Ltd.

Project manager, completing ESIA

Mineral processing experts completing feasibility studies to assist with mine to market strategy



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August 2026

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# TITANIUM

## Discovery to Developer

For more information

**Tom Langley**

Chief Executive Officer  
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**Peter Pawlowitsch**

Chairman  
[Peter@gyoen.com.au](mailto:Peter@gyoen.com.au)

# Appendix 1. Natural Rutile Resource Table

\*Cautionary statement: Note global ranking is calculated within the peer entities listed in Appendix 1, the Company notes that its peer entities project MREs also contain higher confidence Indicated and Measured resource estimates.

[illegible]