



**RESOURO**  
STRATEGIC METALS

# A new benchmark for Titanium and Rare Earths in Brazil

INVESTOR PRESENTATION  
APRIL 2025

**ASX:RAU** TSX-V:RSM FSE:BU9 OTC:RSGOF

This Presentation has been approved by the Board of Directors of Resouro Strategic Metals Inc.



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## COMPETENT PERSON STATEMENT

The information in this document that relates to Exploration Targets, Exploration Results and Mineral Resources is based on, and fairly represents, information compiled by Mr Luis Oviedo, a Competent Person who is a member of the Australian Institute of Geoscientists FAIG#408. Mr Oviedo is a consultant for Atticus Geoscience and 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 him as Competent Person as defined in the 2012 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Certain information in this document is extracted from the ASX announcement titled "Resouro Strategic Metals Maiden JORC Resource for the Tiros Project" dated 18 July 2024 that relates to Exploration Targets, Exploration Results and Mineral Resources and is based upon information compiled by Mr Luis Oviedo. RAU confirms that it is not aware of any new information or data that materially affects the information included in the ASX announcement and, in the case of Exploration Targets, Exploration Results and Mineral Resources, that all material assumptions and technical parameters underpinning the estimates in the relevant market announcement continue to apply and have not materially changed. RAU confirms that the form and context in which the Competent Person's findings are presented have not materially been modified from the original market announcement. Mr Luis Oviedo consents to the inclusion of this information in this document of the matters based on his information in the form and context in which it appears.

# Titanium and REE – future facing commodities

## Titanium (TiO<sub>2</sub>) strong, white and bright

- Exceptional corrosion resistance, lightweight, strength-to-density ratio
- High demand industrial use – automotive, defence, aerospace, energy, medical/healthcare, chemical, paint



## REE (Nd, Pr, Dy) enabling technology, transitioning energy

- REE carbonate demand to significantly outstrip supply by 2030
- Unlocking limitations of magnet and automaker markets outside China
- Improving pricing transparency



# Tiros Project: Minas Gerais, Brazil

- Leading mining jurisdiction home to most of Brazil's growth resources projects.
- Supportive legislative and regulatory frameworks.
- Existing world class roads, rail, ports, power, water infrastructure.
- Local, qualified and experienced labour force.
- Mining value creation trending up in Brazil, growing 8% in 2024 on previous year.
- Programmed investment forecast to grow 28% from 2024 – 2028 on previous five years.



The region and Project have unique features

# Tiros Project – premier location in a mining friendly jurisdiction

## The region and Project have unique features



Favourable geology in large land holding of approximately 497km<sup>2</sup>



Extensive homogeneous layer of consistent host type and grade

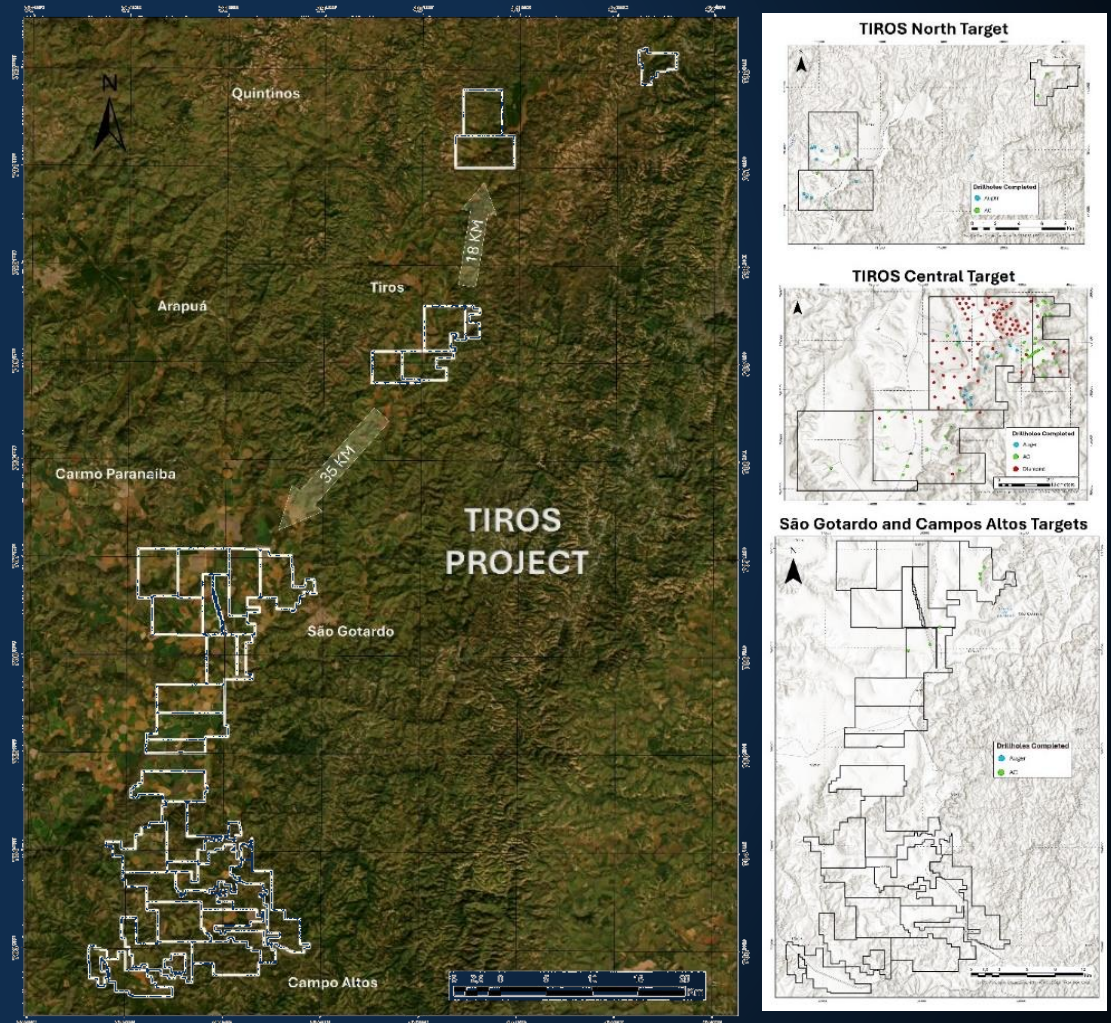


Enormous 1.9 billion tonne MRE containing ultra high-grade TiO<sub>2</sub> mineralization

*Note: Further details of the Company's JORC MRE are contained within the Company's ASX announcement of 9 April, 2025/TSXV 8 April 2025. Resouro is not aware of any new information or data that materially affects the information included in the Company's announcement and that all material assumptions and technical parameters underpinning the estimates referred to therein continue to apply and have not materially changed."*



Only 8% of total tenement explored to date with significant upside potential



Ionic clay and soft friable host across mostly flat, sparsely populated, unforested land

# Competitive exploration, mining and processing edge



Soft friable host across mostly flat, sparsely populated, unforested land



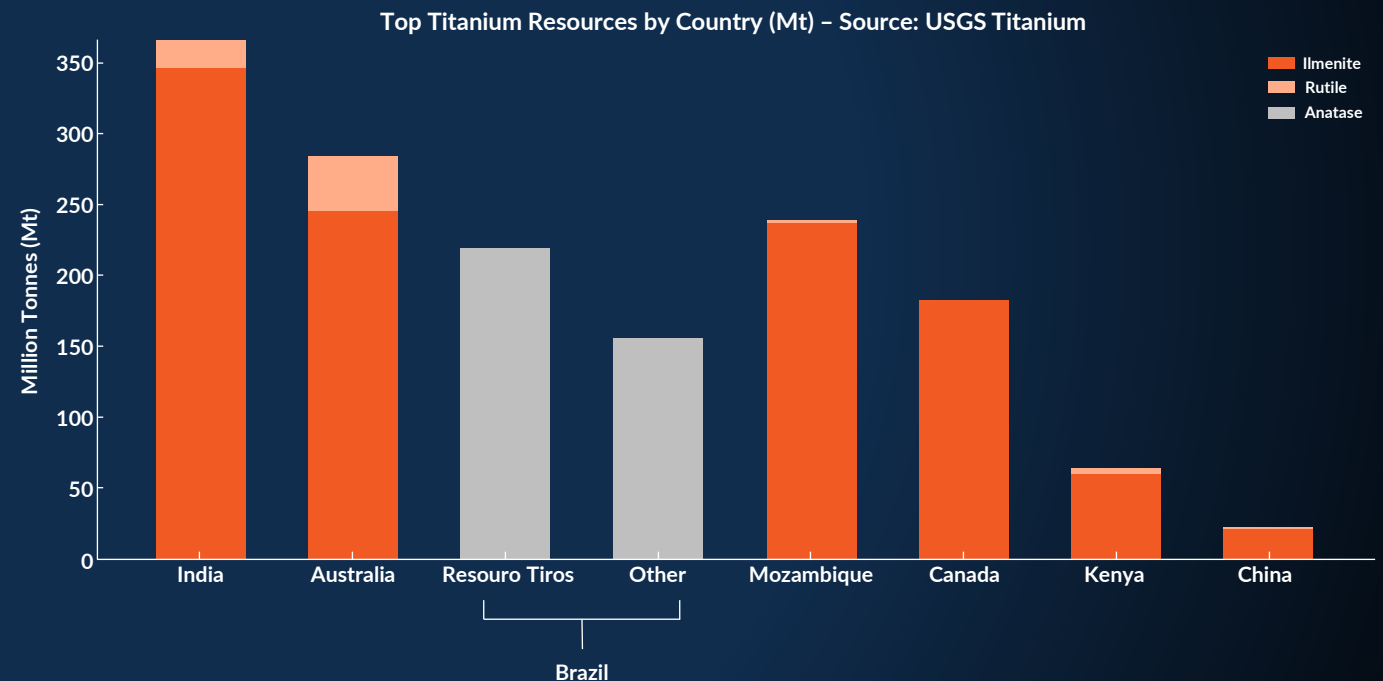
Low exploration costs with minimal environmental harm



No drill and blast or crushing required, meaning low excavation costs

# Tiros MRE upgrade – more than half Brazil’s known titanium resources in one deposit

- Increase of 12% to 1.9 billion tonnes
- Measured and Indicated Resources increase by 37% to 1.4Bt @ 12% TiO<sub>2</sub> and 4,000ppm TREO
- Includes ultra high grade mineralisation of 104Mt at 23% TiO<sub>2</sub> and 8,850ppm TREO
- Total 165Mt of contained TiO<sub>2</sub>
- Additional 5.5Mt contained TREO at MREO ratio of 27%
- Includes 1.5Mt contained MREO



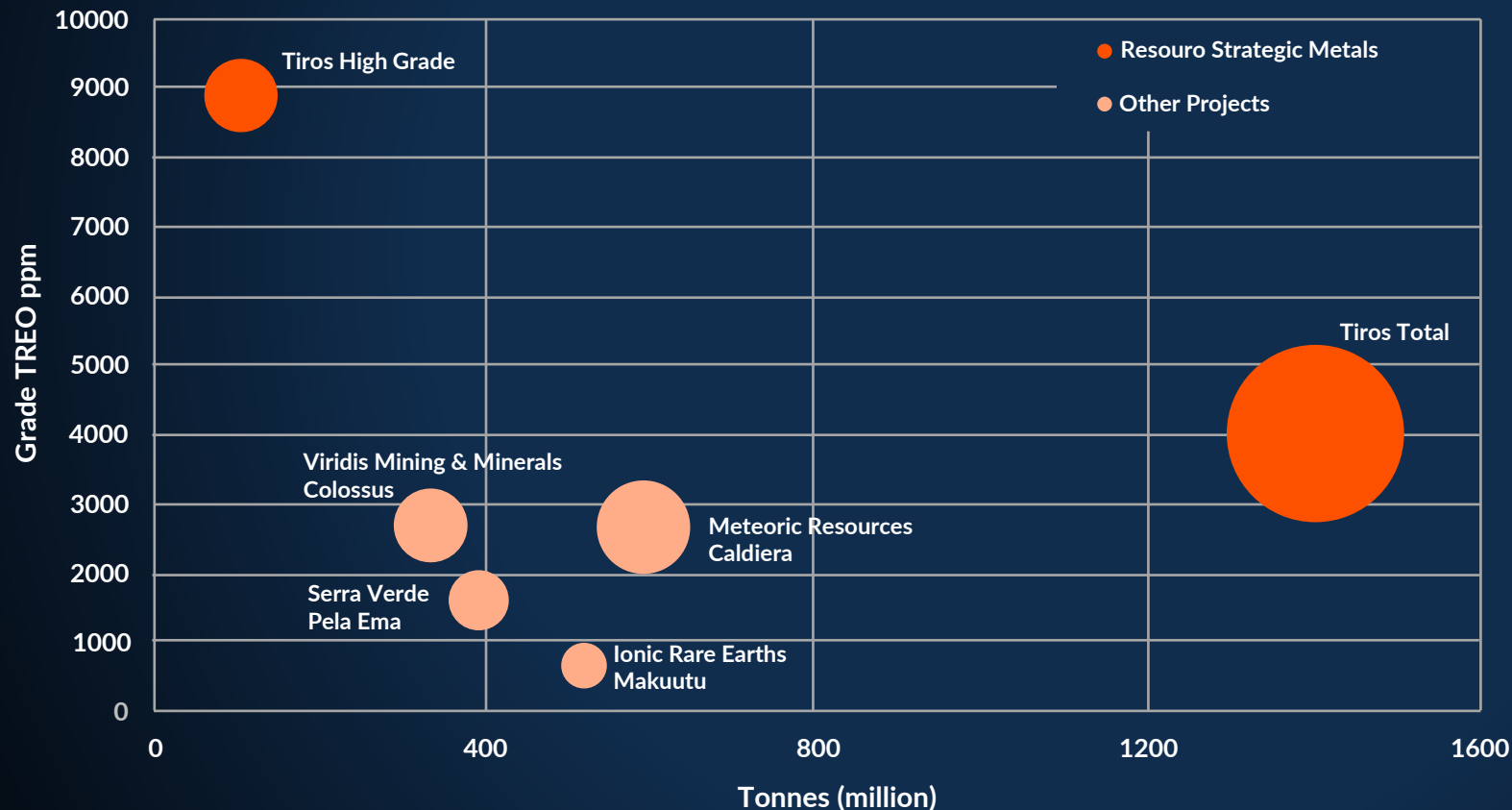
# Technical MRE\* detail worth noting of one of the world's largest undeveloped TiO<sub>2</sub> and REE deposits

DOMAIN	Category	Million tonne	TiO <sub>2</sub> %	TREO (ppm)	MREO (ppm)	MREO/TREO ratio %
High Grade (G)	Measured	30	24	9,300	2,500	27
	Indicated	74	23	8,900	2,300	26
	<b>M + I</b>	<b>103</b>	<b>23</b>	<b>9,100</b>	<b>2,400</b>	<b>26</b>
	Inferred	33	22	8,300	2,200	26
Medium Grade (MG)	Measured	340	11	3,700	1,000	28
	Indicated	930	11	3,600	1,000	28
	<b>M + I</b>	<b>1,300</b>	<b>11</b>	<b>3,600</b>	<b>1,000</b>	<b>28</b>
	Inferred	470	11	3,400	920	27
Total (HG + MG)	Measured	367	12	4,100	1,100	28
	Indicated	1,000	12	4,000	1,100	27
	<b>M + I</b>	<b>1,400</b>	<b>12</b>	<b>4,000</b>	<b>1,100</b>	<b>28</b>
	Inferred	500	12	3,700	1,000	27



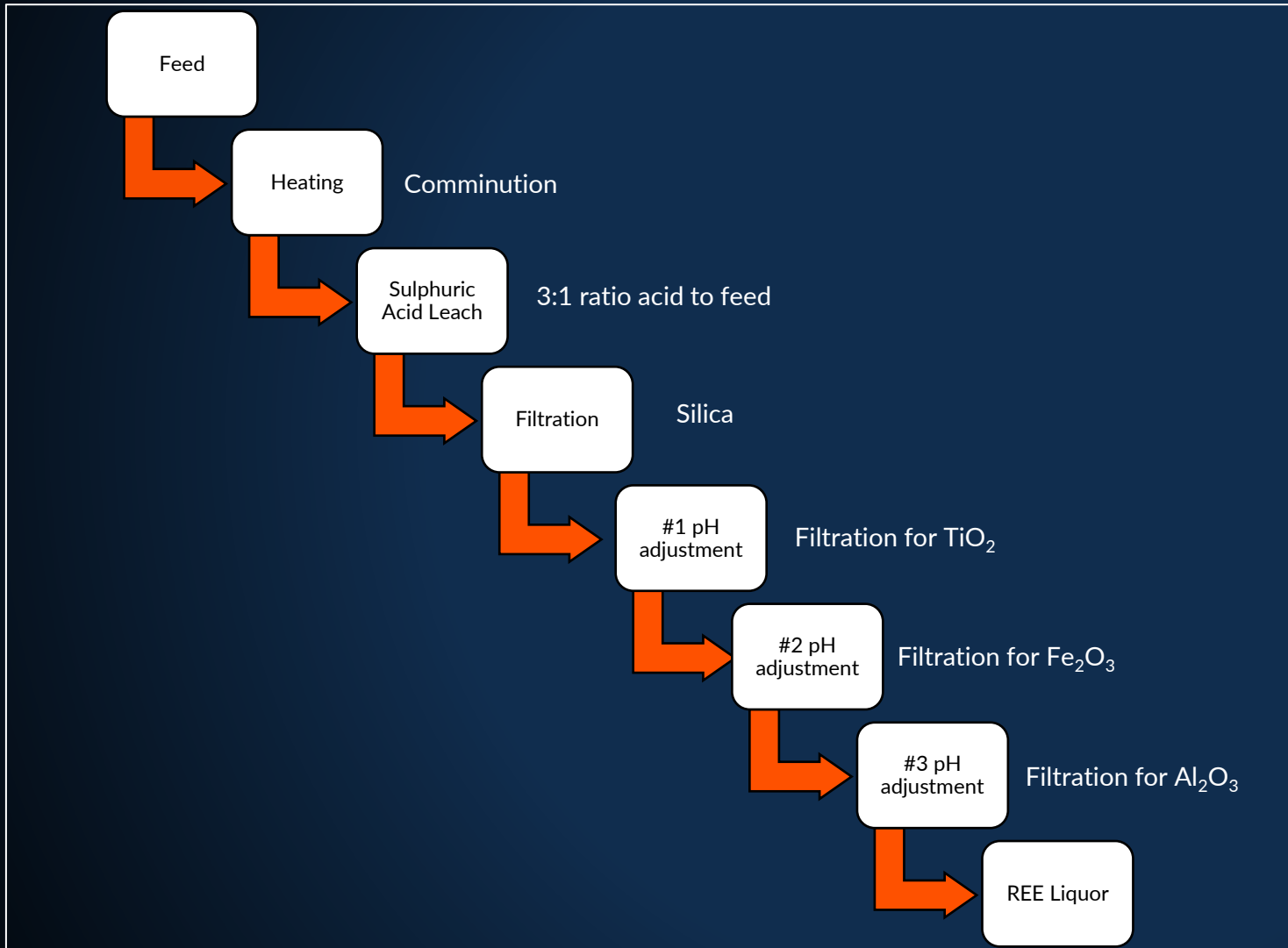
# Tiros Central Block contained metal – a giant in rare earth minerals compared to peers

Tiros Project Compared (Measured and Indicated Resource only)



Bubble chart of Tiros total and high-grade MRE for rare earths in comparison to selected peer projects in relation to tonnage of Measured and or Indicated mineral resources against average grade. The bubble size reflects the metal content calculated as total resource tonnes times average resource grade.

# Tiros FSAL Met Proof-of-concept Test Work



The process uses high temperature pretreatment followed by a sulphuric acid leach

Silica is first filtered

Subsequent pH adjustment precipitates titania, synthetic iron oxide and alumina

Rare Earths remain in the sulphuric leach liquor

# Next operational steps



Environmental studies commenced with a particular focus on minimising the use of water through extraction processes.



Metallurgical test work progressing with initial results expected early May followed by more comprehensive assays in late May from Central and North Blocks.



Scoping study on initial metallurgical outcomes anticipated Q3 2025.



Progressing to pilot plant in second half of 2025.

## Partnerships and collaborations

### MagBras

**MagBras Initiative**  
Leading Brazil's REE permanent magnet production

### PROGESYS

**Progesys International B Ltda**  
Project Engineering Managers



**Sete Soluções e Tecnologia Ambiental**  
Conducting Environmental Impact Assessment

# Board & Management



**Christopher Eager**

Chairman (Chile)



**Philippe Martins**

Director & Chief  
Legal Counsel (Brazil)



**Justin Clyne**

Director (Australia)



**Anne Landry**

Director (Canada)



**Alistair Stephens**

Chief Executive Officer



**Sandra Evans**

CFO and  
Corporate Secretary

## Capital structure

ASX Chess Depositary Interests	42,833,059
TSXV Common Stock	49,756,990
<b>Total on Issue</b>	<b>92,590,049</b>
Shares held in Escrow included in Total on Issue	10,979,257
Options issued under the Company Plan	12,495,000
Options issued to Brokers	1,843,643
Warrants issued to Brokers	600,616
Performance Rights	750,000
<b>Fully Diluted Securities</b>	<b>108,279,308</b>

# Investment highlights

## Distinct asset

Single project focus offering multi-commodity development and production options

## Growth opportunity

Huge global market growth for Ti and REE across a range of applications

## Low risk

Expanding resource base of high grade Ti + REE with significant exploration upside

## Partnerships

Established partnerships exploring novel metallurgical and tailing management process

## World-class location

Project in world-renowned Minas Gerais mining area with excellent established infrastructure

## ESG outcomes

Strong focus on clean energy, novel metallurgy, premium waste management and establishing social license to operate

## Downstream ecosystem

Access to Brazil's downstream value adding manufacturing sector

## Offtake advancing

Potential low-risk offtake options with support from Minas Gerais Government





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