



tivan
a critical minerals company

asx announcement

30th March 2023

Chamber NT Professional Business Series: Presentation Slides

The Board of Tivan Limited (ASX: TVN) ("Tivan" or the "Company") is pleased to advise that Executive Chairman, Mr Grant Wilson, is speaking this morning at The Professional Business Series event hosted by the NT Chamber of Commerce in Darwin.

Please find following Mr Wilson's presentation slides.

This announcement has been approved by the Board of the Company.

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Ends



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Professional Business Series / Global Opportunities for Australia's Northern Territory in the Critical Minerals Sector

30 March 2023, Darwin

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tivan Limited

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ASX Code: TVN

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Tivan: solving Australia's hardest problem, and most pressing need

Australia has a legislated target for Net Zero Emissions by 2050, but does not have a credible plan.

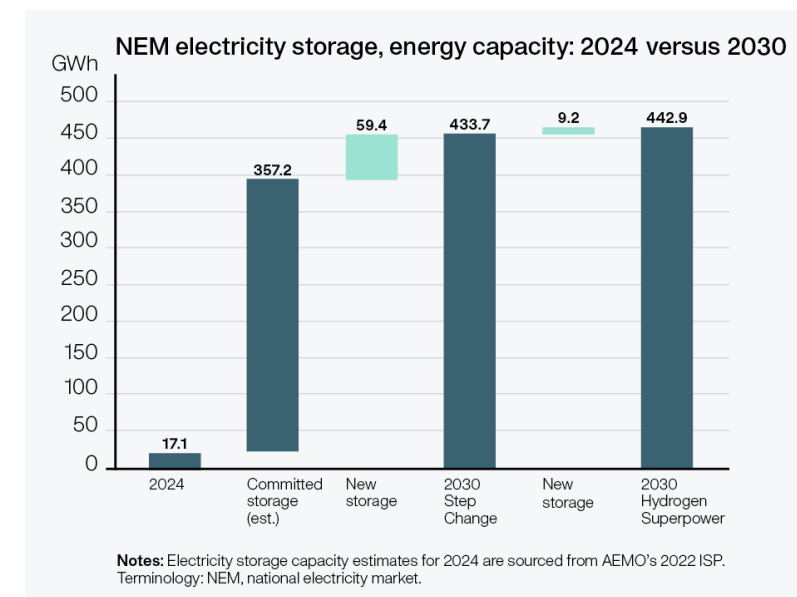
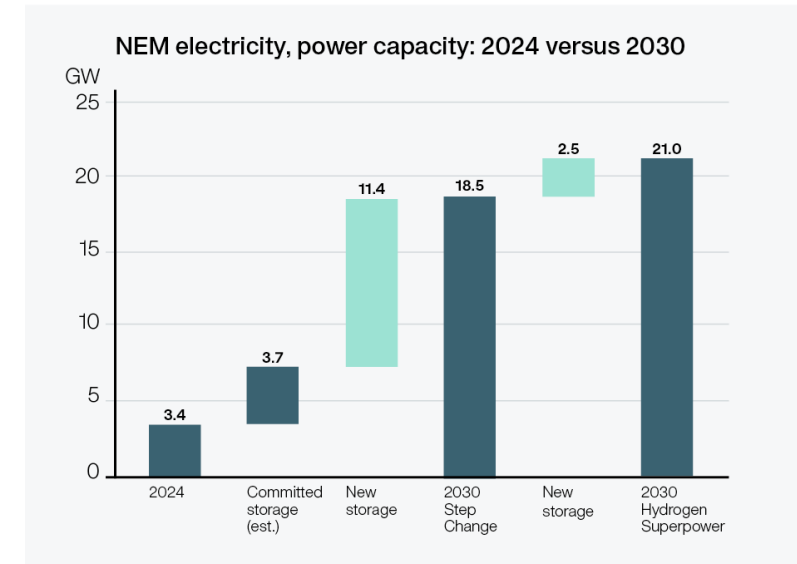
CSIRO* found in March 2023 that a 10-14x increase in storage for renewable energy is required by 2050: equivalent to adding Snowy 2.0 to the grid each and every year.

Tivan has commenced defining a major project between Speewah, WA and MASDP that has the capacity to service this demand. By empowering grid storage competitively and at scale, Tivan offers a path to take Australia green.

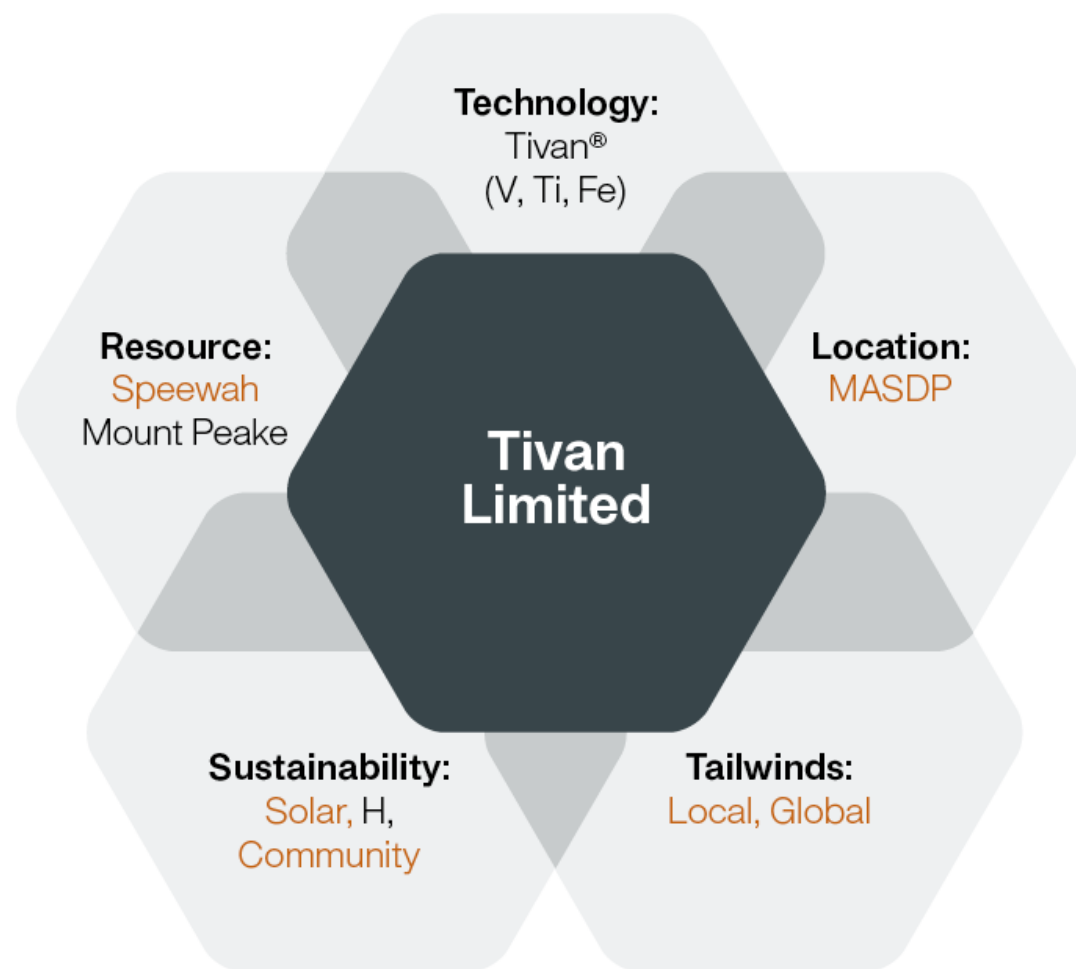
- ✓ Critical minerals: Vanadium, Titanium
- ✓ Scale: >50% of global Vanadium, ex China, Russia
- ✓ Life: Ultra long life > 200yrs
- ✓ Thesis: resource, technology, community > regulation, taxes
- ✓ Sovereign capability; local facilitation
- ✓ A permanent and strategic imperative for Australia

[*Source: CSIRO Renewable Energy Storage Roadmap](#)

Refer to page 14 for context on shortfall charts shown on the right hand side.



Tivan: disruptive change creates local and global opportunity



Change in the new era

Tivan: MASDP – mending fences, minimising impacts, achieving circularity

The Middle Arm Sustainable Development Precinct is the most strategically important industrial development zone in Australia.

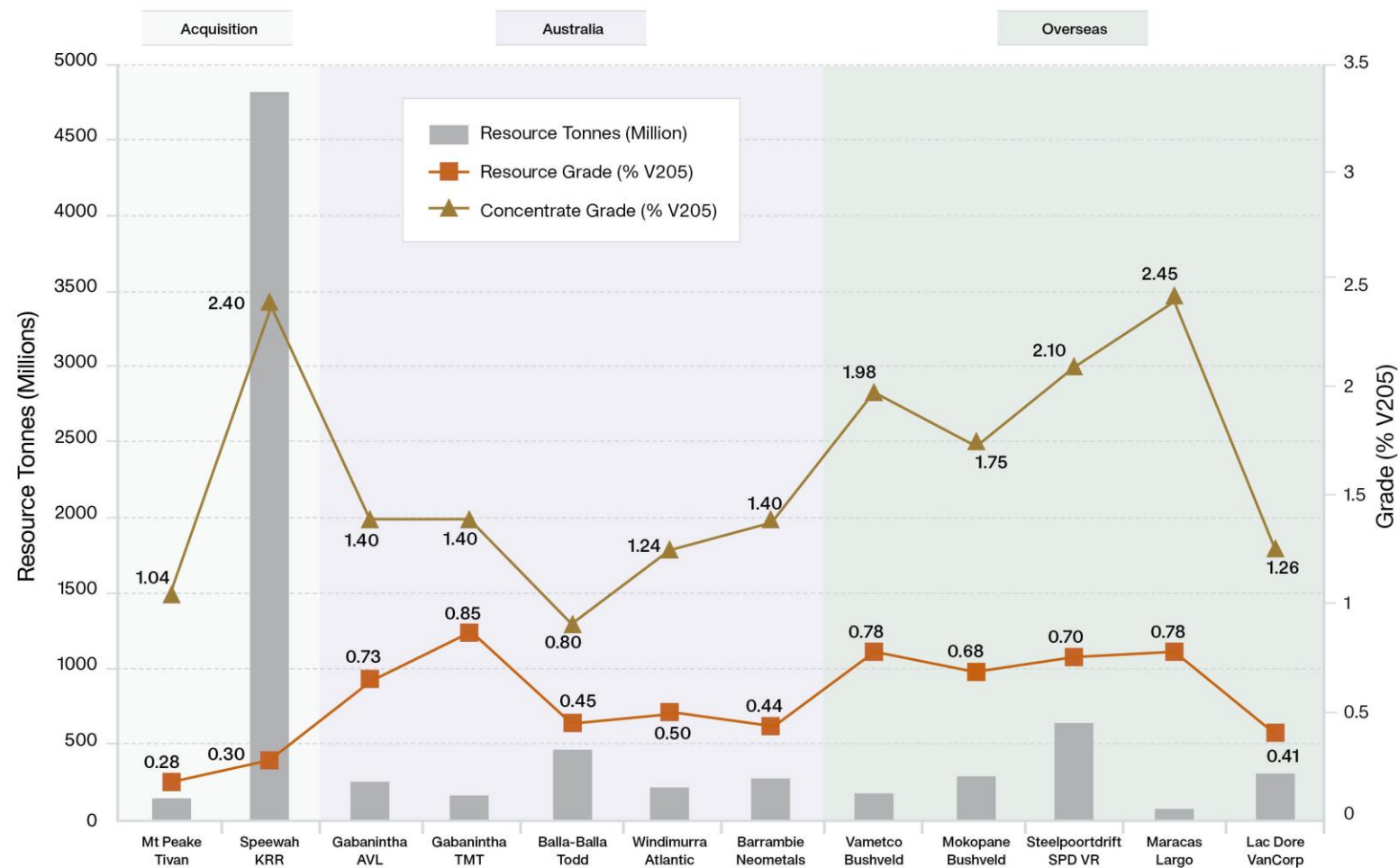
Tivan is the first public proponent, and working closely with the Master Planning team at DIPL to maximise the benefits of common use infrastructure, while minimizing impacts on Harbour, air and water.

- ✓ Federal government funded common use infrastructure
- ✓ Access to large-scale renewable energy sources
- ✓ Established construction, logistics and operations capability
- ✓ Proximity to global markets
- ✓ Pathways for community inclusion and involvement
- ✓ Streamlined regulatory framework within the Strategic Environmental Assessment



Tivan: introducing Speewah, the largest, high quality Vanadium resource in the world

- ✓ Higher revenue vs Mount Peake, due to the higher vanadium in concentrate grade
- ✓ Upscaled throughput, with additional revenue diluting CAPEX
- ✓ Operational efficiencies in non-process infrastructure, due to marine transport and master planning / commercial synergies at MASDP
- ✓ Projected revenue composition by commodity moves toward Vanadium
- ✓ Baseline >50% of global Vanadium supply, outside of China and Russia.
- ✓ ✓ Equivalent to 2.5GW of grid storage per year ≈ Snowy 2.0.



Sources: Stock market announcements (including ASX), company websites, technical reports and studies.
 Note: Concentrate grade commonly from beneficiation of high grade zone material.

Tivan: stay tuned ...

previous era

new era

28.11.22: Annual General Meeting: change of control

16.11.22: Update on Mount Peake offtake agreements

02.12.22: CFO appointed

07.12.22: New Sydney office established

12.12.22: Water Extraction Licence Application put on hold

21.12.22: Executive Chairman appointed

23.12.22: Chairman's letter

23.01.23: General Meeting: Change of company name – Tivan Limited

27.01.23: Renegotiation of Sandover Lithium Project

01.02.23: Tivan's submission to Federal Government's refresh of the Critical Minerals Strategy

14.02.23: 1st finding: Tivan announces return to the MASDP for Tivan Processing Facility

20.02.23: 2nd finding: Tivan signs binding term sheet to acquire the Speewah Vanadium–Titanium–Iron Project in WA

01.03.23: New Darwin office established

07.03.23: 3rd finding: Tivan announces exploration alliance with Earth AI for Sandover Lithium Project

22.03.23: Tivan appoints Environmental Advisors, EcOz for NT projects and APM for Speewah

12.04.23: [Investor briefing](#)

4th finding: stay tuned...

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