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INVESTOR GUIDE

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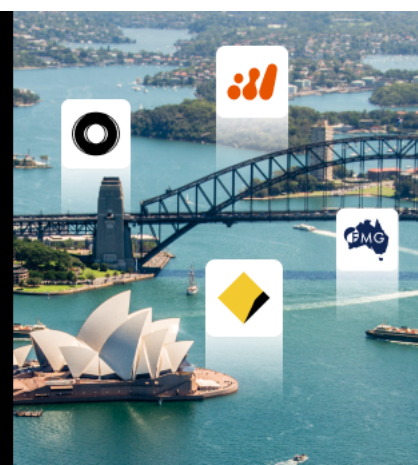
AUGUST 2022

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IAN PRENTICE
MANAGING DIRECTOR

TECHNOLOGY METALS AUSTRALIA

(ASX:TMT)

- **Company Name:** Technology Metals Australia
- **Company ASX code:** TMT
- **Key commodities:** Vanadium and titanium by-products
- **Key Personnel:** Ian Prentice, Managing Director | Michael Fry, Non-Executive Chairman
- **Locations:** 40km from Meekatharra in the mid-west of Western Australia
- **Market Cap as of 15/07/22:** \$80.78M
- **Share price range over 12 months as of 15/07/22:** \$0.600 - \$0.280
- **Company Website:** tmtlimited.com.au

COMPANY PROFILE

Established in 2016, Technology Metals Australia focuses on the development of the Murchison Technology Metals Project (MTMP), located around 40km southeast of Meekatharra in the mid-west of Western Australia.

The Project is focusing largely on vanadium production, a critical mineral that's expected to be used in large scale battery storage solutions. The Yarrabubba deposit also includes limenite, the primary mineral used to produce titanium.

TMT is in the implementation stages of its vanadium project development, and is expected to be making an investment decision by the end of 2022 ahead of construction and planned production in 2024.

The global vanadium price has appreciated significantly over the past 12 months, as global economies are starting to recover from the impacts of the COVID-19 pandemic. In recent times, the European vanadium price has accelerated as a result of the conflict in Ukraine.

It's taken a while for investors to realise the potential of vanadium in the battery metals race, but interest is now starting to pick up rapidly.

Although 90% of the mineral is still used in steel-making, excitement has now grown around the potential use of vanadium as a battery metal.

Vanadium has been identified as the key commodity in what is known as a "flow" battery, sometimes called the Vanadium redox flow batteries (or VRFBs).

VRFBs are suited to large scale applications (stationary storage), such as network support for electricity grid operators and telcos looking to power off-grid communications towers and utility scale installations.

The Murchison Technology Metals Project is targeting a total of +25 year life mine based on M&I (measured and indicated) mineral resource of 50.2Mt at 0.9% V2O5.

The Project consists of two deposits – Gabanintha and Yarrabubba – with the Gabanintha portion already returning a robust definitive feasibility study (DFS), which includes a projected 16-year mine life totalling 29.6 million tonnes of ore reserves at 0.88 per cent vanadium oxide.

Mining licences have been granted, while an offtake agreement has been sealed with China's CNMC Ningxia Orient, a top ten producer of vanadium alloys in China.

The company has also expanded the scope of its MoU with leading Japanese VRFB development company,

LE System, for the development of a fully integrated downstream vanadium electrolyte industry in Australia.

A key differentiation between Gabanintha and a number of other vanadium deposits is the consistent presence of the high-grade massive vanadium-titanium-magnetite basal unit, which results in an overall higher grade at Gabanintha.

Meanwhile, the adjacent Yarrabubba deposit is expected to be integrated into the Murchison Technology Metals Project in the third quarter of 2022. The company plans to produce a titanium by-product in addition to vanadium, which TMT sees as complementary to Gabanintha.

TMT is headed by Ian Prentice, an experienced geologist with broad ranging exploration and operational experience across a range of commodities and geographical locations, including Australia, New Zealand, South East Asia and Africa.

He has been involved in the listing and management of a number of ASX-listed resource companies, as well as over six years working as a resource analyst within the equities markets.



TECHNOLOGY
METALS AUSTRALIA LIMITED

KEY INVESTMENT HIGHLIGHTS

APRIL 28, 2022: Key milestone in Murchison Technology Metals Project after Danish engineering company, FLSMIDTH, greenlit to start front-end engineering design.

APRIL 21, 2022: High vanadium recoveries of up to 96 and 98 per cent, respectively, were confirmed from the Yarrabubba and Gabanintha deposits.