TECHNOLOGY METALS AUSTRALIA LIMITED

VANADIUM FOR A CLEANER FUTURE

MID WEST AND GASCOYNE MAJOR PROJECTS
OCTOBER 2022

ASX:TMT

TMT acknowledges the Traditional Custodians on the lands on which we meet and work. We pay our respects to the Elders past, present and emerging. We celebrate the stories, traditions and the living cultures of Aboriginal and Torres Strait Islander people who also work and live on this land.

STRONG CORPORATE TEAM

TECHNOLOGY METALS AUSTRALIA LIMITED

Ian Prentice
Managing Director

David English
Chief Operating Officer

Michael Fry
Non-Exec Chairman

Elisha Civil
Chief Financial Officer

Jacqueline Murray
Non-Exec Director

John McDougall
Exploration Manager

Dr. Carmen Letton
Non-Exec Director

Sonu Cheema
Company Secretary

Our Corporate Vision

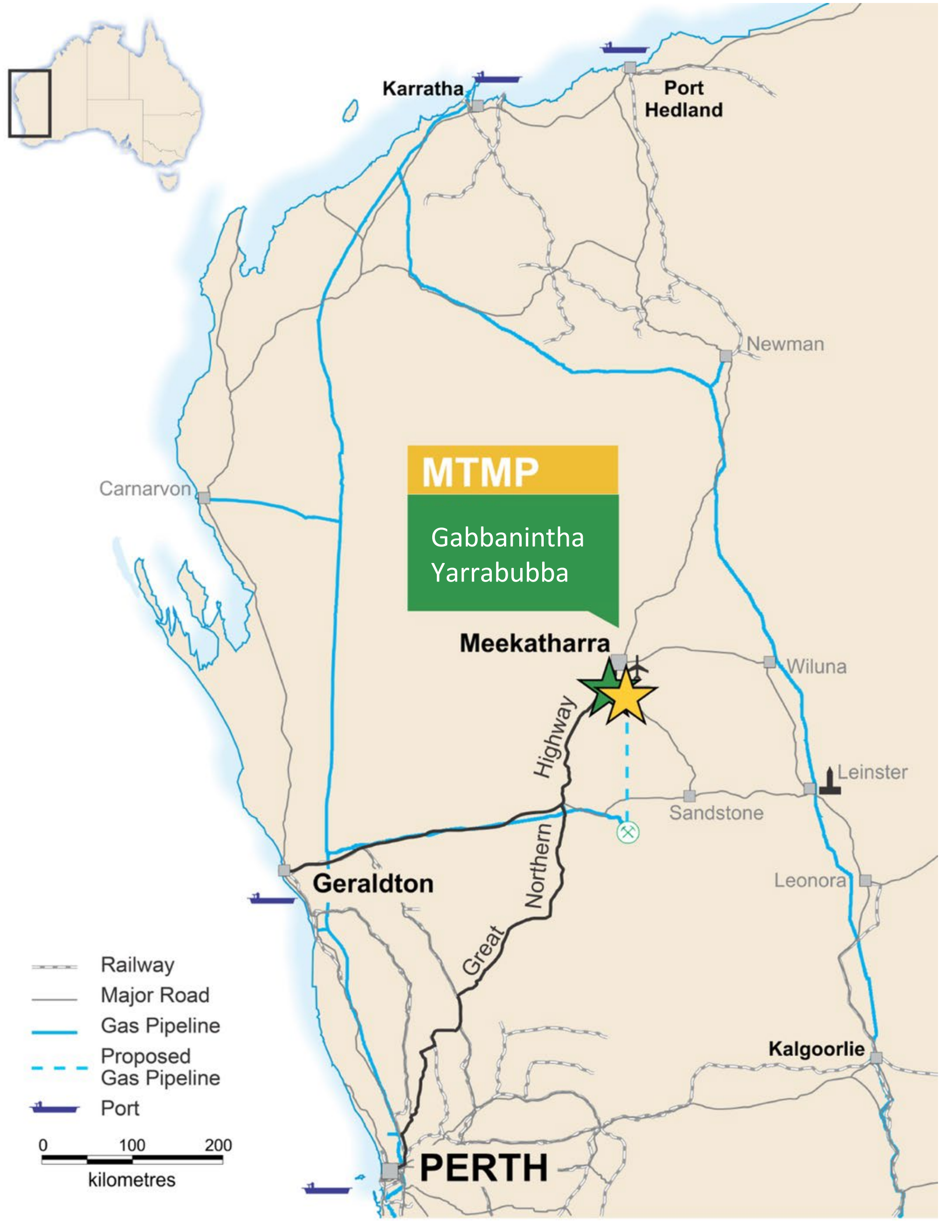
To develop a world-class critical minerals industry that makes a positive difference to the local community, minimises impacts to the environment and contributes to global decarbonisation

SIGNIFICANT MID WEST PROJECT

TECHNOLOGY METALS AUSTRALIA LIMITED

Vanadium and ilmenite production to bring benefits to the Mid West

- TMT's vanadium project, the Murchison Technology Metals Project (MTMP), is located 50km south of Meekatharra
- The MTMP comprises two deposits – Gabanintha and Yarrabubba, which will produce high quality vanadium pentoxide and ilmenite
- The bulk ilmenite product will be shipped out of the Port of Geraldton
- 150km gas pipeline infrastructure towards Meekatharra bringing further development into the Mid West

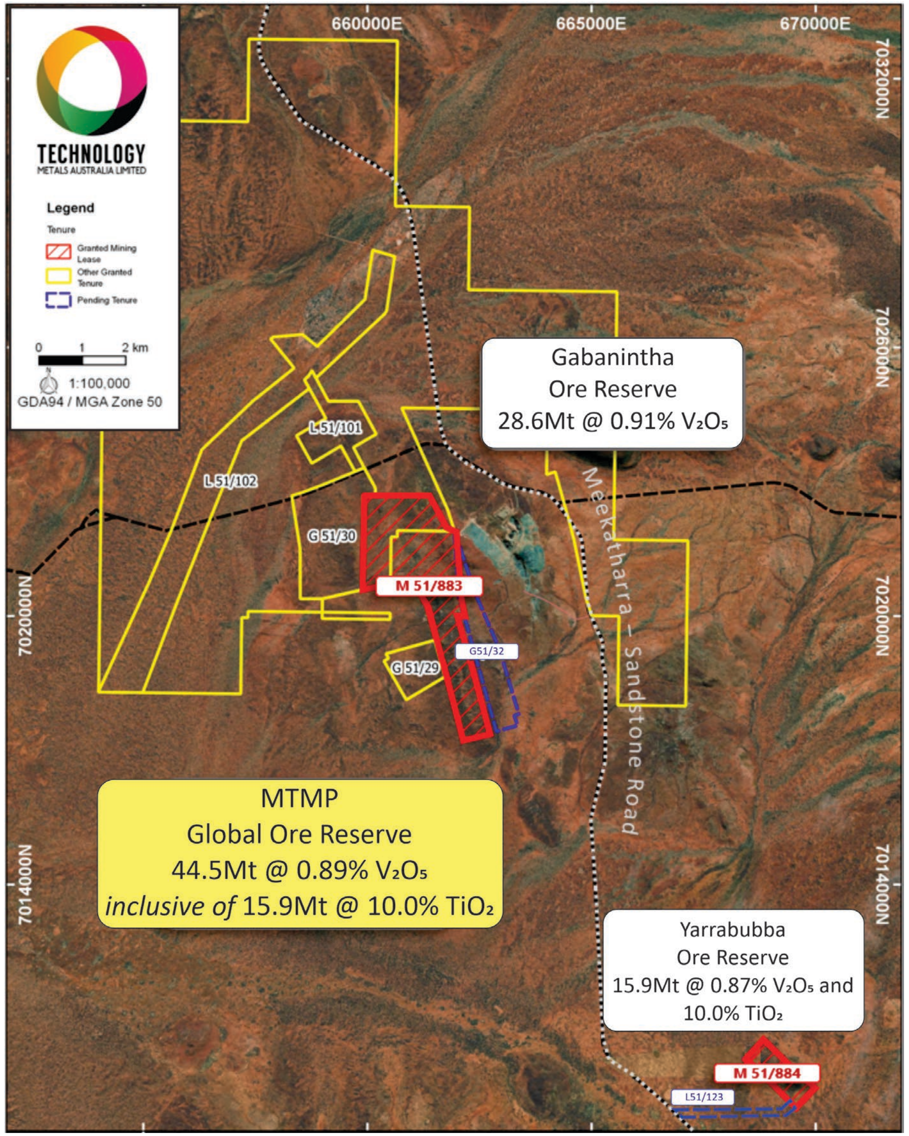


MURCHISON TECHNOLOGY METALS PROJECT

TECHNOLOGY
METALS AUSTRALIA LIMITED

One of the largest single vanadium projects globally right here in the Mid West

- Global Ore Reserve — 44.5Mt @ 0.89% V_2O_5
  15.9Mt @ 10.0% TiO_2
- Traditional open pit mining
- Conventional integrated processing plant
- Production capacity 12,500tpa V_2O_5 and ~100,000tpa ilmenite*
- Mine life +25 years for continued benefits to the region

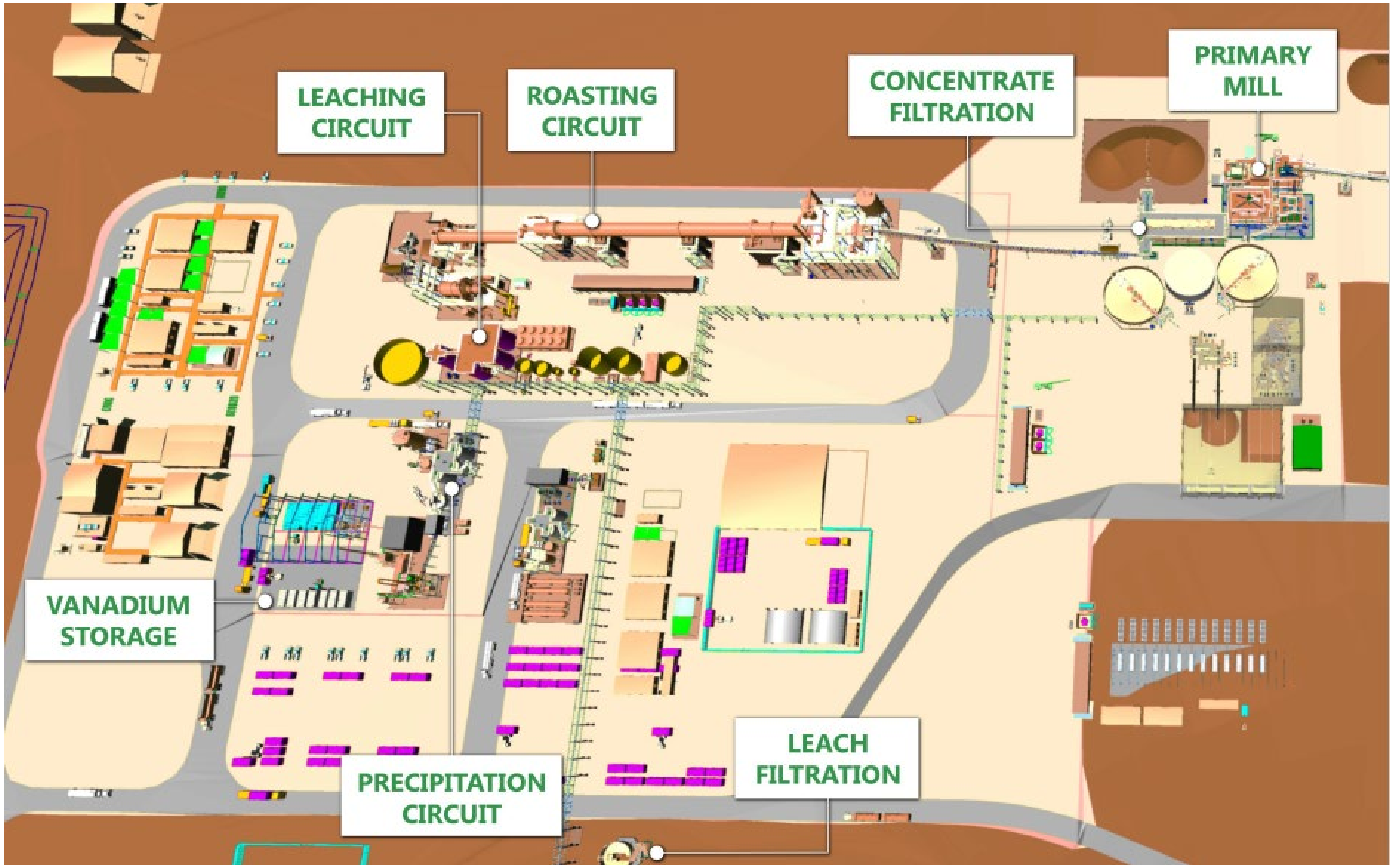


*Average production for the first approximately nine years

PLANT DESIGN COMPLETE

TECHNOLOGY
METALS AUSTRALIA LIMITED

Commercial competitive tendering underway putting us in the Implementation Phase



STRONG SOCIAL AND COMMUNITY VALUES

Strong, authentic and reliable corporate citizen

Engagement with Shire of Meekatharra to support community projects, with a focus on Youth Education and Engagement

Regular consultation with the Yugunga-Nya Traditional Owners to build long-term relationships

Employment, training and business opportunities for the regional community

Our Key Values:

- People and Community
- Collaboration
- Honesty and Trust
- Protecting the Future
- Minimal Environmental Impacts
- Leaving a positive legacy

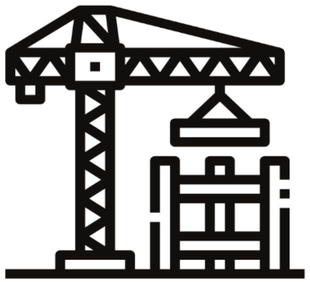
WORKING WITH THE COMMUNITY

- Contributing to the local culture and community events - sponsorship of the Meekatharra Races
- Undertaking site visits with the Yugunga-Nya People to ensure consultation on environmental and heritage matters
- Supporting the Youth Services run by the Shire of Meekatharra

ECONOMIC CONTRIBUTIONS THROUGH OPPORTUNITIES

TECHNOLOGY METALS AUSTRALIA LIMITED

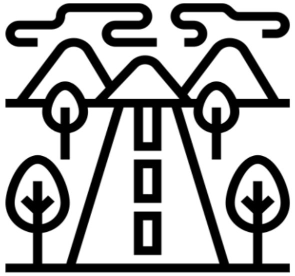
Technology Metals' investment in the region will provide long-term benefits to the community for years to come



Construction Workforce

Operational Jobs 25 Year Mine Life

Local and Regional Procurement



Infrastructure Development

TECHNOLOGY METALS AUSTRALIA LIMITED

VANADIUM REDUCES EMISSIONS VIA STEEL ALLOYS AND BATTERIES

- Iron - Steel sector one of the largest CO_2 emitters
- **Adding vanadium** reduces steel weight, increases capacity and reduces steel requirement

= CO_2 Savings

- **Vanadium redox flow batteries** (VRFB) ideal for time-shifting large amounts of energy for later use (long duration energy storage)
- Increases use of renewables, reducing fossil fuels

= CO_2 Savings

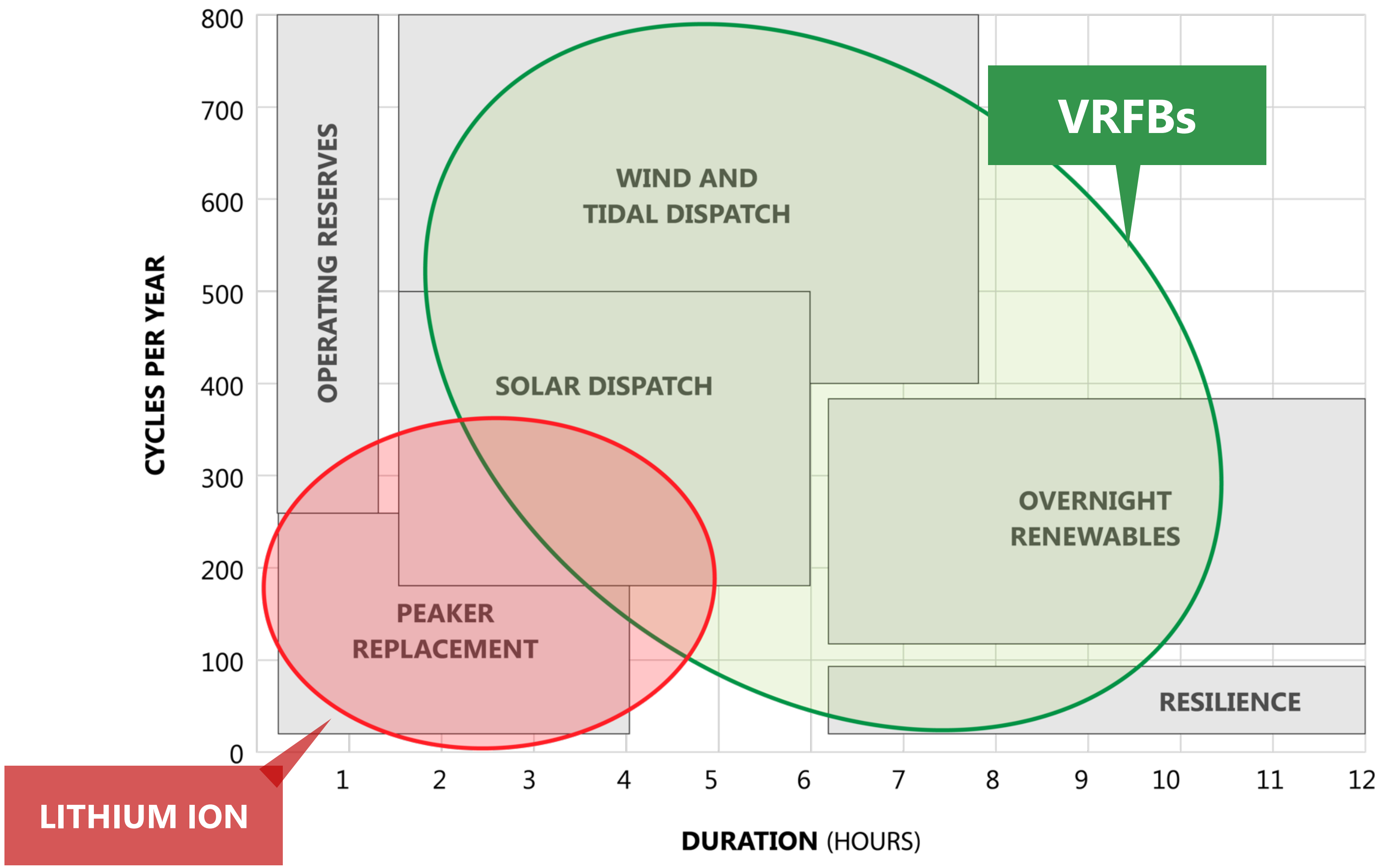
VANADIUM REDOX FLOW BATTERIES PART OF THE SOLUTION

TECHNOLOGY METALS AUSTRALIA LIMITED

Cost efficiently time-shift large amounts of previously generated energy for later use

"Vanadium RFBs are '**state-of-the-art**' due to comparatively high energy density, low maintenance costs and long operational lifetimes."

The Future of Energy Storage, An Interdisciplinary MIT Study, 2022



WHY VANADIUM BATTERIES?

Safe, stable, reliable, low cost, long life performance

SAFETY
Water based and totally non-flammable, non-combustible, and non-toxic

LOW ENERGY COST
Over its 20+ year lifespan, vanadium batteries offer the lowest cost per kWh stored (LCOE)

EASY TO EXPAND CAPACITY
Battery capacity easily expandable by adding more storage tanks

NO DEGRADATION
Performance remains constant with excellent long term charge retention

SUSTAINABILITY
The vanadium is fully reusable and recyclable at end of battery life

LONG LIFE
Can easily last more than 20 years with very high cycle life (up to 20,000 cycles)

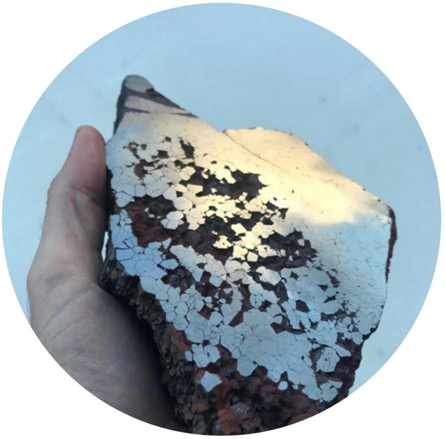
RELIABLE PERFORMANCE
Work in harsh environmental conditions without loss of performance

SINGLE CHEMICAL ELEMENT
Use multiple forms of vanadium to store and release charge – eliminating need for any other elements

TMT: LARGE, LOW COST, RELIABLE VANADIUM SUPPLY

Leveraged to rapid trajectory towards Net Zero

- Vanadium reduces emissions via steel alloys and VRFB batteries
- Recent global events highlight need for longer duration energy storage – VRFBs are ideal
- Demand for vanadium expected to more than double by 2050
- TMT's MTMP will supply low-cost reliable vanadium to these growing markets



STRONG TEAM AND PARTNERSHIPS

Significant cash at bank
A$15.1m[1]

Fully funded to FID
Able to place long lead orders

A$92m
Market cap
As at 10 October 2022

Supportive shareholders
Top 20 hold 56%

Resource Capital Funds 17.2%
Early believers in battery metals[2]

Board and management 7.9%[3]

Execution focused team

Experienced board

Michael Fry
Chair

Jacqueline Murray
Non-Exec Director

Dr. Carmen Letton
Non-Exec Dir

Sonu Cheema
Co Sec

Ian Prentice
Managing Director

David English
Chief Operating Officer

Elisha Civil
Chief Financial Officer

Quality Partners

WA Government

NAIF
Northern Australia Infrastructure Facility

Australian Government

中色东方
CNMNC

FLSmidth

LE SYSTEM CO., Ltd.

ORELOGY MINE CONSULTING

wave international

1. At as 30 September 2022
2. Examples include investments in tantalum (Global Advanced Metals), lithium (Talison Lithium), rare earths (Molycorp), nickel (Talon Metals)
3. As at 18 July 2022, fully diluted
4. Includes 14.35m director and employee options – 3.9m vested, balance vest on project development hurdles
5. 50% vest on MTMP FID, 50% vest on first production

TECHNOLOGY
METALS AUSTRALIA LIMITED

David English
Chief Operating Officer

investors@tmtlimited.com.au

Suite 9, 330 Churchill Ave
Subiaco WA 6008, AUSTRALIA
Ph: +61 8 6489 1600
Fax: +61 8 6489 1601

www.tmtlimited.com.au
@TechnologyMetal