

TMT Board Appointment

Experienced Strategic Policy Professional Joins the Team

15 June 2023

Advanced vanadium developer, Technology Metals Australia Limited (ASX: TMT) (**Technology Metals**) is pleased to announce the appointment of Ms Jo Gaines to the position of Non-Executive Director of the Company, effective immediately.

Ms Gaines is an experienced leader and strategic policy director, having previously worked at high level of government as the Deputy Chief of Staff to the Premier of Western Australia. In this role she was a leader in significant policy development affecting the economic and social fabric of Western Australia and was influential in intergovernmental negotiations. She was a leader in the development of the WA Recovery Plan following the COVID19 pandemic, working across State Government agencies and the private sector to leverage opportunities to kick start the WA economy.

She brings extensive experience in stakeholder engagement, including across all levels of government and with the private sector to drive reforms in a diverse range of fields including training and job creation, contracting and procurement, climate change, child protection and health.

Ms Gaines holds a Bachelor of Arts from the University of Western Australia, a Post Graduate Diploma in Occupational Health and Safety from Curtin University and is a graduate of the Australian Institute of Company Directors. She is currently Chair of the Government Employees Superannuation Board (GESB), a Director of DevelopmentWA and Non-Executive Director of Chalice Mining Limited.

Chairman Michael Fry commented:

"We are very pleased that Jo will be joining us on the Board of TMT. She brings tremendous experience and expertise in government relations and creating and maintaining stakeholder partnerships which will be of great value as the Board supports the TMT team in its delivery of the MTMP. Her focus on governance and workplace best practice aligns with, and further strengthens, the Board and Company's values and culture as we continue to grow the project team."

Non-executive Director Jo Gaines commented:

"I am excited to have this opportunity to join the Board of TMT and contribute to the delivery of Murchison Technology Metals Project (MTMP) to deliver high-grade vanadium, a critical mineral that will contribute to the global drive to decarbonisation. TMT with its added focus on downstream processing can make a significant contribution to renewable energy generation and battery storage and I look forward to working with the Board and management team to continue to progress the project for the benefit of all stakeholders."

About Technology Metals Australia

Technology Metals Australia Limited (ASX: **TMT**) is a future-oriented ASX-listed company focused on the development of its flagship, 100 per cent owned Murchison Technology Metals Project (**MTMP**), which is expected to meet global demand for high-purity vanadium, increasingly recognised as a critical mineral around the world. The MTMP is located 50km southeast of Meekatharra in the mid-west region of Western Australia and is one of the highest-grade vanadium projects in the world, with planned production at 6% of current global vanadium demand.

TMT's vision is to be a leader in the Australian and international vanadium industry playing a crucial role in meeting a growing demand for a critical metal that helps the world to decarbonise. Together with vLYTE, TMT's wholly owned subsidiary focused on adding downstream value to high-quality feedstock, the MTMP will be a strategic, long-life asset supporting the nascent and fast-growing vanadium redox flow battery industry. TMT's ESG values extend beyond the MTMP's production – TMT's contribution to a cleaner world is envisioned to include utilisation of renewable energy generation, battery storage, heat capture and transition to electric options for mobile equipment.

AUTHORISED FOR RELEASE ON THE ASX BY THE COMPANY'S BOARD OF DIRECTORS

For further information:

Ian Prentice

Managing Director

investors@tmtlimited.com.au

+61 8 6489 1600

Media and Broker Contact:

Andrew Rowell

White Noise Communications

andrew@whitenoisecomms.com

+61 400 466 226

Forward-Looking Statements

This document includes forward-looking statements. Forward-looking statements include, but are not limited to, statements concerning Technology Metal Australia Limited's planned exploration programs, corporate activities, and any, and all, statements that are not historical facts. When used in this document, words such as "could," "plan," "estimate," "expect," "intend," "may", "potential," "should" and similar expressions are forward-looking statements. Technology Metal Australia Limited believes that it has a reasonable basis for its forward-looking statements; however, forward-looking statements involve risks and uncertainties, and no assurance can be given that actual future results will be consistent with these forward-looking statements. All figures presented in this document are unaudited and this document does not contain any forecasts of profitability or loss.

About Vanadium

Vanadium is a hard, silvery grey, ductile and malleable speciality metal with a resistance to corrosion, good structural strength and stability against alkalis, acids and salt water. The elemental metal is rarely found in nature. The main use of vanadium is in the steel industry where it is primarily used in metal alloys such as rebar and structural steel, high-speed tools, titanium alloys and aircraft. The addition of a small amount of vanadium can increase steel strength by up to 100% and reduces weight by up to 30%. Vanadium high-carbon steel alloys contain in the order of 0.15 to 0.25% vanadium while high-speed tool steels, used in surgical instruments and speciality tools, contain in the range of 1 to 5% vanadium content. Global economic growth and increased intensity of use of vanadium in steel in developing countries will drive near term growth in vanadium demand.

An emerging and very significant use for vanadium is the rapidly developing energy storage (battery) sector with the expanding use and increasing penetration of the vanadium redox flow batteries (VRFBs). VRFBs are a rechargeable flow battery that uses vanadium in different oxidation states to store energy, using the unique ability of vanadium to exist in solution in four different oxidation states. VRFBs provide an efficient storage and re-supply solution for renewable energy – being able to time-shift large amounts of previously generated energy for later use – ideally suited to micro-grid to large scale energy storage solutions (grid stabilisation).

Some of the unique advantages of VRFBs are:

- a lifespan of 20 years with very high cycle life (up to 20,000 cycles) and no capacity loss,
- rapid recharge and discharge,
- easily scalable into large MW applications,
- excellent long-term charge retention,
- improved safety (non-flammable) compared to Li-ion batteries, and
- can discharge to 100% with no damage.

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Appendix 3X

Initial Director's Interest Notice

Information or documents not available now must be given to ASX as soon as available. Information and documents given to ASX become ASX's property and may be made public.

Introduced 30/9/2001.

Name of entity - Technology Metals Australia Limited
ABN – 64 612 531 389

We (the entity) give ASX the following information under listing rule 3.19A.1 and as agent for the director for the purposes of section 205G of the Corporations Act.

Name of Director	Joanne Gaines
Date of appointment	15 June 2023

Part 1 - Director's relevant interests in securities of which the director is the registered holder

In the case of a trust, this includes interests in the trust made available by the responsible entity of the trust

Note: In the case of a company, interests which come within paragraph (i) of the definition of "notifiable interest of a director" should be disclosed in this part.

Number & class of securities
Nil

Appendix 3X

Initial Director's Interest Notice

Part 2 – Director's relevant interests in securities of which the director is not the registered holder

In the case of a trust, this includes interests in the trust made available by the responsible entity of the trust

Name of holder & nature of interest	Number & class of Securities
Note: Provide details of the circumstances giving rise to the relevant interest. Nil	

Part 3 – Director's interests in contracts

Note: In the case of a company, interests which come within paragraph (ii) of the definition of "notifiable interest of a director" should be disclosed in this part.

Detail of contract	Nil
Nature of interest	
Name of registered holder (if issued securities)	
No. and class of securities to which interest relates	

+ See chapter 19 for defined terms.