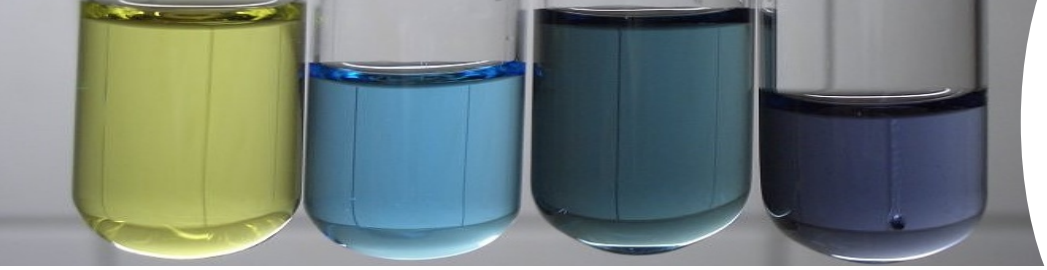

Australian VANADIUM LIMITED

ASX ANNOUNCEMENT **4 June 2026**

STAGE TWO OF EOI PROCESS FOR KALGOORLIE VBESS PROJECT ANNOUNCED

AVL and VSUN Energy preparing proposal for WA Government battery initiative

KEY POINTS

- **WA Government has announced Stage Two of the EOI for the Kalgoorlie VBESS Project targeting delivery of a 50 MW / 10-hour system under a build-own-operate model**
- **Up to $150 million in funding support proposed by the WA Government**
- **AVL and VSUN Energy are preparing a response to Stage Two of the EOI process with support from industry leaders in the VFB technology, engineering and finance sectors, including Sumitomo Electric**
- **AVL's submission to be underpinned by its vertically integrated vanadium value chain in Western Australia including upstream resource development in the Mid West region, established midstream electrolyte manufacturing in Perth and downstream deployment of VFB systems**

For personal use only

Australian Vanadium Limited (ASX: AVL, the Company or AVL) notes the Western Australian Government's announcement that the Department of Energy and Economic Diversification (DEED) has opened Stage Two of the Expression of Interest (EOI) process for the Kalgoorlie Vanadium Battery Energy Storage System (Kalgoorlie VBESS) project,[1] and advises that AVL intends to participate in Stage Two of the process through its wholly owned subsidiary VSUN Energy Pty (VSUN Energy).

The Kalgoorlie VBESS project is a key initiative of the WA Government's strategy to enhance energy security in the Goldfields region, support development of a domestic vanadium supply chain and stimulate skilled job creation in the Goldfields to foster a more resilient and diverse local economy. Western Australia hosts significant vanadium resources, including AVL's Australian Vanadium Project in the Mid West region.

The Government seeks to deliver a 50 MW / 10-hour (500 MWh) vanadium flow battery (VFB) solution to Kalgoorlie by 2029 under a build-own-operate model, with up to $150 million in funding support proposed by the WA Government, subject to the Stage Two process and execution of definitive agreements.

The Company previously submitted a response to Stage One of the EOI process, highlighting AVL and VSUN Energy's capability to deliver a vertically integrated long-duration energy storage offering,

[1] https://www.wa.gov.au/government/announcements/kalgoorlie-vanadium-battery-energy-storage-expression-of-interest-stage-two-now-open

comprising vanadium resource development, processing, electrolyte production and battery deployment in Western Australia.[2]

AVL and VSUN Energy have commenced preparation of a response to Stage Two of the EOI process, and intend to lodge a submission by the deadline of 4:00pm (AWST) on 20 July 2026, building on the Company's previously submitted Stage One EOI and leveraging its vertically integrated 'pit-to-battery' capability.

Figure 1: Conceptual render of a potential 50MW / 10-hour (500MWh) vanadium flow battery configuration for the Kalgoorlie VBESS project

AVL's Chief Executive Officer, Graham Arvidson comments, *"The Kalgoorlie VBESS project represents an important opportunity for both AVL and VSUN Energy, and the advancement of long-duration energy storage in Western Australia. Our Stage Two EOI submission will be built on the significant investment and groundwork undertaken by AVL to establish an integrated vanadium battery platform capable of supporting utility-scale deployment with significant Western Australian supply chain participation.*

"We have assembled a high-quality consortium spanning technology, engineering and commercial expertise, underpinned by AVL's Western Australian vanadium resource,electrolyte manufacturing, and VFB deployment capability. If selected by the State Government as the preferred proponent, we believe AVL and VSUN Energy will be well positioned to participate in the delivery of a project aligned with the State Government's objectives for energy security, regional development and sovereign industrial capability."

AVL's capability for the Kalgoorlie VBESS Project

The Company's intended approach is to draw on its existing activities in vanadium resource development, electrolyte manufacturing and long-duration energy storage deployment in Western Australia.

[2] See ASX announcement dated 2 January 2026 *'AVL's Integrated Capability Underpins Kalgoorlie VBESS EOI Submission'*

For personal use only

For personal use only

In particular, AVL's submission will be underpinned by its integrated vanadium value chain in Western Australia, spanning upstream resource development in the Mid West region of the State, established midstream electrolyte manufacturing capability in Perth and downstream deployment of VFB systems by VSUN Energy.

In its submission, AVL intends to leverage its capabilities relevant to the Kalgoorlie VBESS Project, including:

- **Local content and regional job creation**: A vanadium flow battery solution designed to support Western Australian participation across the value chain
- **Local electrolyte production**: AVL's capability to produce vanadium electrolyte in Western Australia from vanadium oxides sourced globally
- **Large Western Australian vanadium resource base**: The project provides an opportunity to support development of AVL's proposed Australian Vanadium Project, an internationally significant vanadium deposit in a tier one mining jurisdiction, which has the potential to support future vanadium demand associated with long-duration energy storage deployment in Australia
- **Industry collaboration**: AVL's long-term collaboration with industry leaders has built strong relationships, and the submission will be prepared with input from these leaders across technology, delivery and financial aspects of the project

The collaboration combines:

- VSUN Energy's Lumina™ cost-effective, scalable, turnkey, utility-scale BESS using VFB technology tailored for Australia's energy markets and hot climate conditions[3]
- AVL's V-NOMAD™ electrolyte production technology platform, intended to reduce the delivered cost of vanadium electrolyte through optimisation of feedstock, logistics and deployment architecture, and support scalable deployment of vanadium flow batteries[4]
- Sumitomo Electric Industries, Ltd. (Sumitomo Electric) expertise as a globally recognised provider of vanadium flow battery technology[5]
- Participation by Western Australian engineering companies[6]

Next Steps

The WA Government has set out the evaluation process in the EOI Stage Two Proposal Guidelines. Submissions close on 20 July 2026 and DEED has indicated that shortlisted Proponents will be identified in August 2026. The selection of a Preferred Proponent and negotiation of a Funding Agreement are expected to occur subsequently.

The Company has not involved DEED in any discussions about the content of its submission and there is no certainty that AVL or VSUN Energy will be shortlisted, selected as Preferred Proponent,

[3] See ASX announcement dated 9 May 2026 '*Project Lumina Progress Confirms Improved Competitiveness*'
[4] See ASX announcement dated 31 March 2026 '*Development of Electrolyte Technology*'
[5] See ASX announcement dated 16 February 2026 '*Agreement with Sumitomo Electric - Kalgoorlie VBESS Project*'
[6] See ASX announcement dated 9 December 2024 '*Key Appointments Support Vanadium Flow Battery Development*'

enter into any definitive agreements or receive any funding in relation to the Kalgoorlie VBESS project.

For further information, please contact:
Graham Arvidson, CEO
+61 8 9321 5594

This announcement has been approved in accordance with the Company's published continuous disclosure policy and has been approved by the Board.

For personal use only

For personal use only

ABOUT AUSTRALIAN VANADIUM LTD

AVL is a resource company focused on vanadium, seeking to offer investors a unique exposure to all aspects of the vanadium value chain – from resource through to steel and energy storage opportunities. AVL is advancing the development of its world-class Australian Vanadium Project at Gabanintha. The Australian Vanadium Project is one of the most advanced vanadium projects being developed globally, with 395.4Mt at 0.77% vanadium pentoxide (V_2O_5), containing a high-grade zone of 173.2Mt at 1.09% V_2O_5, reported in compliance with the JORC Code 2012 (see ASX announcement dated 7 May 2024 *'39% Increase in High Grade Measured and Indicated Mineral Resource'*).

VSUN Energy is AVL's 100% owned renewable energy and energy storage subsidiary which is focused on developing the Australian market for VFBs for long duration energy storage. VSUN Energy was set up in 2016 and is widely respected for its VFB expertise. AVL's vertical integration strategy incorporates processing vanadium to high purity, manufacturing vanadium electrolyte and working with VSUN Energy as it develops projects based on renewable energy generation and VFB energy storage.

MINERAL RESOURCE ESTIMATE

The Australian Vanadium Project – Mineral Resource estimate by domain and resource classification using a nominal 0.4% V_2O_5 wireframed cut-off for low-grade and nominal 0.7% V_2O_5 wireframed cut-off for high-grade (total numbers may not add up due to rounding).

Zone	Category	Mt	V_2O_5 %	Fe %	TiO_2 %	SiO_2 %	Al_2O_3 %
HG	Measured	30.6	1.14	46.3	12.9	7.4	6.2
	Indicated	74.8	1.11	47.5	12.6	7.0	5.7
	Inferred	67.9	1.06	45.3	12.1	9.0	6.6
	Subtotal	**173.2**	**1.09**	**46.5**	**12.5**	**7.8**	**6.1**
LG	Indicated	61.8	0.55	26.1	7.1	26.6	16.3
	Inferred	142.5	0.48	24.9	6.6	28.9	15.2
	Subtotal	**204.3**	**0.50**	**25.3**	**6.8**	**28.2**	**15.5**
Transported	Inferred	17.9	0.65	31.0	7.3	24.1	14.4
	Subtotal	**17.9**	**0.65**	**31.0**	**7.3**	**24.1**	**14.4**
Total	Measured	30.6	1.13	46.3	12.9	7.4	6.2
	Indicated	136.6	0.85	37.8	10.1	15.8	10.5
	Inferred	228.2	0.66	31.4	8.3	22.6	12.6
	Subtotal	**395.4**	**0.77**	**34.8**	**9.3**	**19.1**	**11.4**

Note: Totals may not add up due to rounding

For personal use only

ASX CHAPTER 5 COMPLIANCE AND CAUTIONARY AND FORWARD-LOOKING STATEMENTS

ASX Listing Rule 5.23

The information in this announcement relating to mineral resource estimates for the Australian Vanadium Project is extracted from the announcement entitled '39% Increase in High Grade Measured and Indicated Mineral Resource' released to the ASX on 7 May 2024 which is available on the Company's website www.avl.au.

The Company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcement, and that all material assumptions and technical parameters underpinning the estimates in the original market announcement continue to apply and have not materially changed. The Company confirms that the form and context in which the competent person's findings are presented have not been materially modified from the original market announcement.

Forward-Looking Statements

Some statements in this announcement regarding estimates or future events are forward-looking statements. They include indications of, and guidance on, future matters. Forward-looking statements include, but are not limited to, statements preceded by words such as "planned", "expected", "projected", "estimated", "may", "scheduled", "intends", "anticipates", "believes", "potential", "could", "nominal", "conceptual" and similar expressions. Forward-looking statements, opinions and estimates included in this announcement are based on assumptions and contingencies which are subject to change without notice, as are statements about market and industry trends, which are based on interpretations of current market conditions.

Forward-looking statements are provided as a general guide only and should not be relied on as a guarantee of future performance. Forward-looking statements may be affected by a range of variables that could cause actual results to differ from estimated results and may cause AVL's actual performance and financial results in future periods to materially differ from any projections of future performance or results expressed or implied by such forward-looking statements. These risks and uncertainties include but are not limited to liabilities inherent in technology development, mine development and production, technology advancement, battery development, geological, mining and processing technical problems, skilled personnel, incorrect assessments of the value of acquisitions, changes in commodity prices and exchange rate, currency and interest fluctuations, various events which could disrupt operations a including labour stoppages, the ability to secure adequate financing and management's ability to anticipate and manage the foregoing factors and risks. These and other factors should be considered carefully and readers should not place undue reliance on such forward-looking information. There can be no assurance that forward-looking statements will prove to be correct.