



ASX Announcement
14 November 2018

COMPLETION OF SCANDIVANADIUM ACQUISITION AND SKÅNE VANADIUM PROJECT PRESENTATION

ScandiVanadium Ltd (ASX:SVD) (**Company**) is pleased to announce that it has completed the acquisition of the Skåne Vanadium Project via the acquisition of all of the issued share capital of ScandiVanadium Australia Pty Ltd.

In accordance with the terms of the acquisition agreement, Mr Brandon Munro, Mr David Minchin and Mr Ian Burvill have been appointed directors of the Company, and Mr Davide Defendi and Mr John Gilfillan have resigned as directors.

The Company is working with ASX towards its relisting as soon as possible.

The Skåne Vanadium Project comprises a package of granted exploration permit areas totalling approximately 220 km². Attached to this announcement is the Company's investor presentation for the Project to be presented by Mr Munro at the Technology and Low Emission Minerals Conference in Perth today.

For further information, please contact:

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Technology and Low Emissions Minerals Conference
Brandon Munro, 14 November 2018
investors@scandivanadium.com



Outcropping Dictyonema formation, Skåne Project

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Competent Persons Statement: The information in this presentation that relates to Exploration Results and Exploration Targets is extracted from the Independent Geologists Report included in the Prospectus lodged on 17 September 2018 and the Supplementary Prospectus lodged on 1 October 2018 (Prospectus) which are available to view at www.assemblebay.com.au. The Company confirms that it is not aware of any new information or data that materially affects the information included in the Prospectus. The Company confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from the Prospectus.

Introducing SVD



Skåne offers high quality exposure to Vanadium



Relatively low risk exploration project with large scale potential



Shale hosted, potentially favourable metallurgy



Strong Board and Management



Ideal jurisdiction, excellent infrastructure, access to EU markets

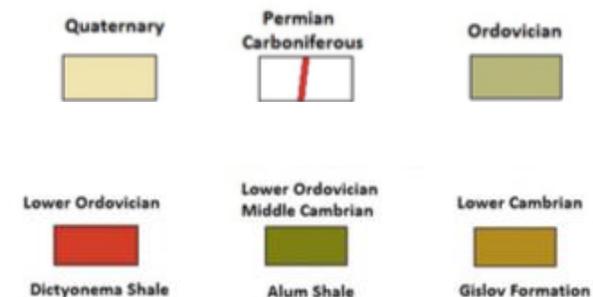
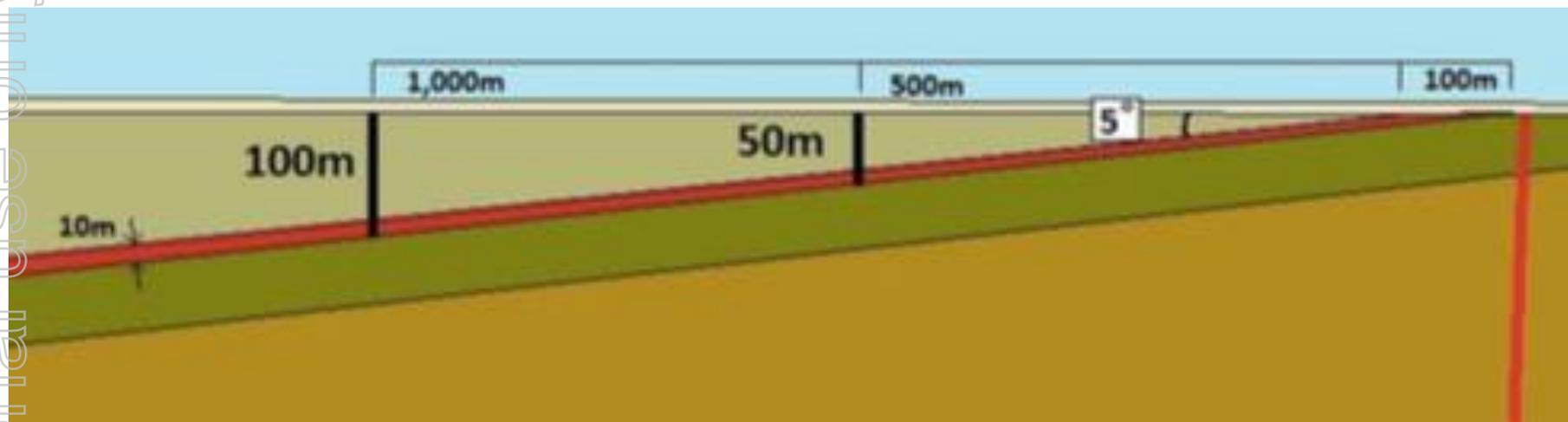


Listing with EV of \$4.5m and cash of ~\$5m

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Low risk exploration...

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➤ Surficial, shallow dipping sedimentary horizon

➤ Extensive data:

- ✓ airborne surveys,
- ✓ mapping,
- ✓ historical drilling



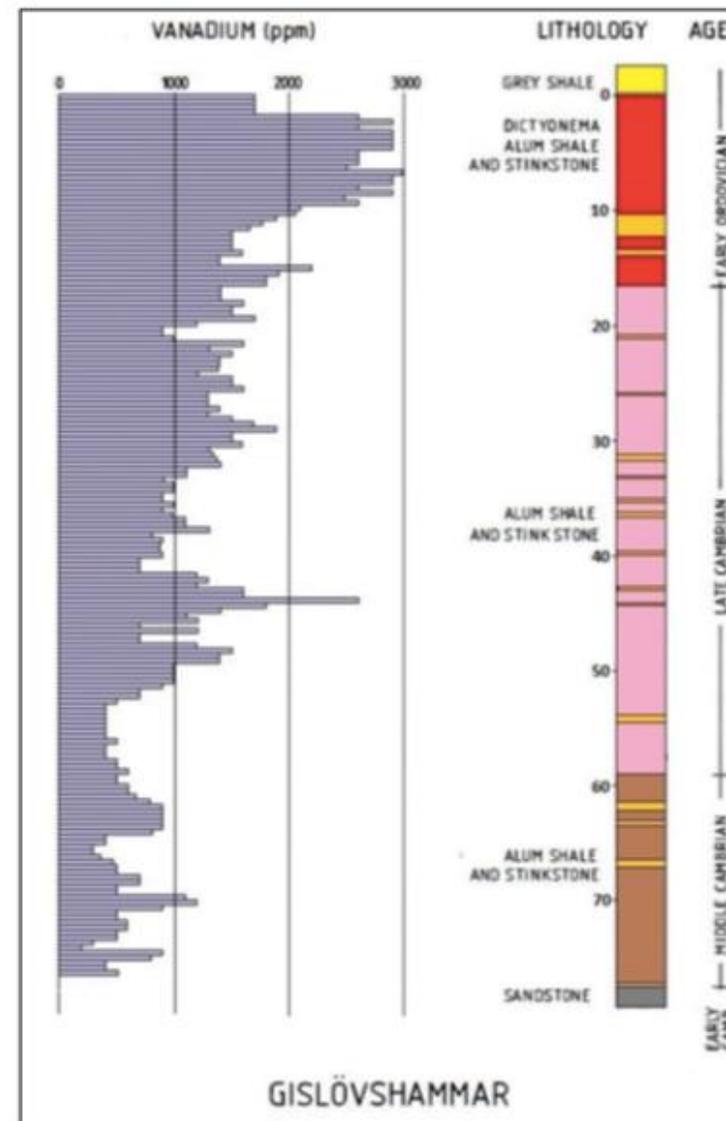
➤ 1940s mining and processing



Low risk exploration...



Outcropping Dictyonema formation, Flagabro creek, Skåne Project

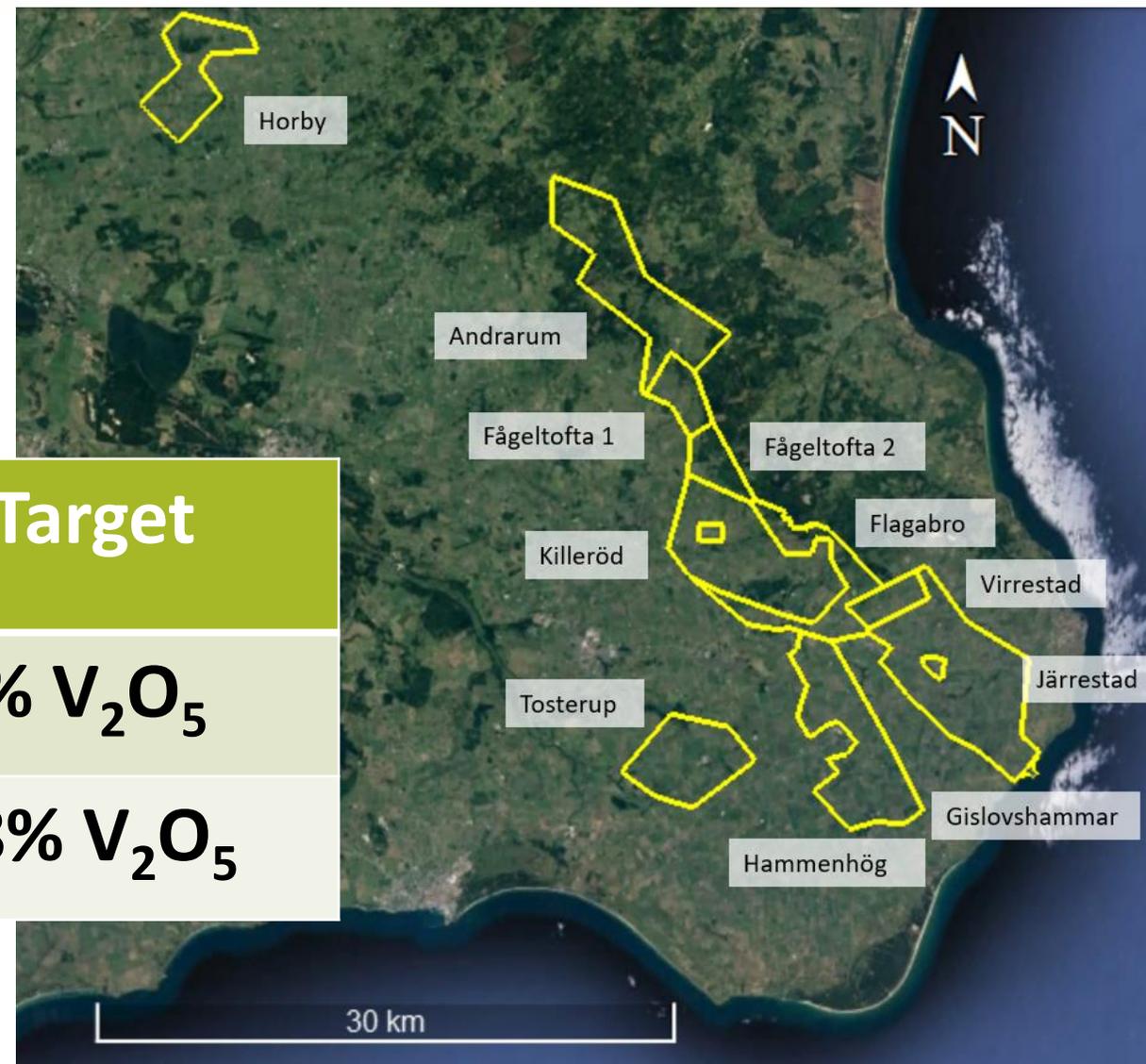


... with large scale potential

11 exploration licences **220** km²

Large Exploration Target⁽¹⁾ to 100m from surface

Range	Skåne Exploration Target
Lower	610 Mt @ 0.5 - 0.8% V ₂ O ₅
Upper	1,200 Mt @ 0.5 - 0.8% V ₂ O ₅

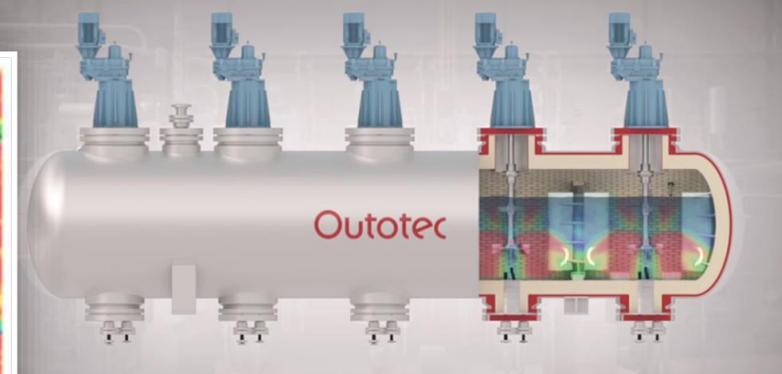
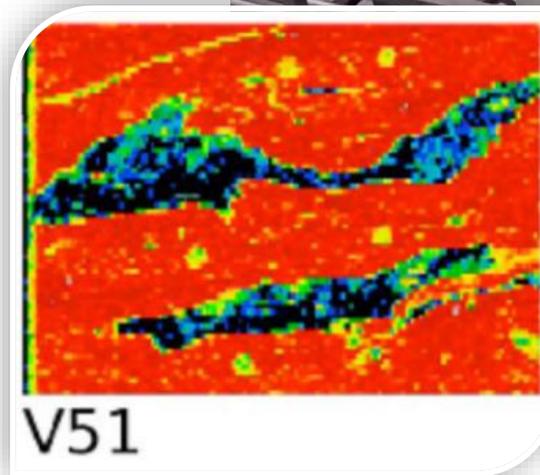
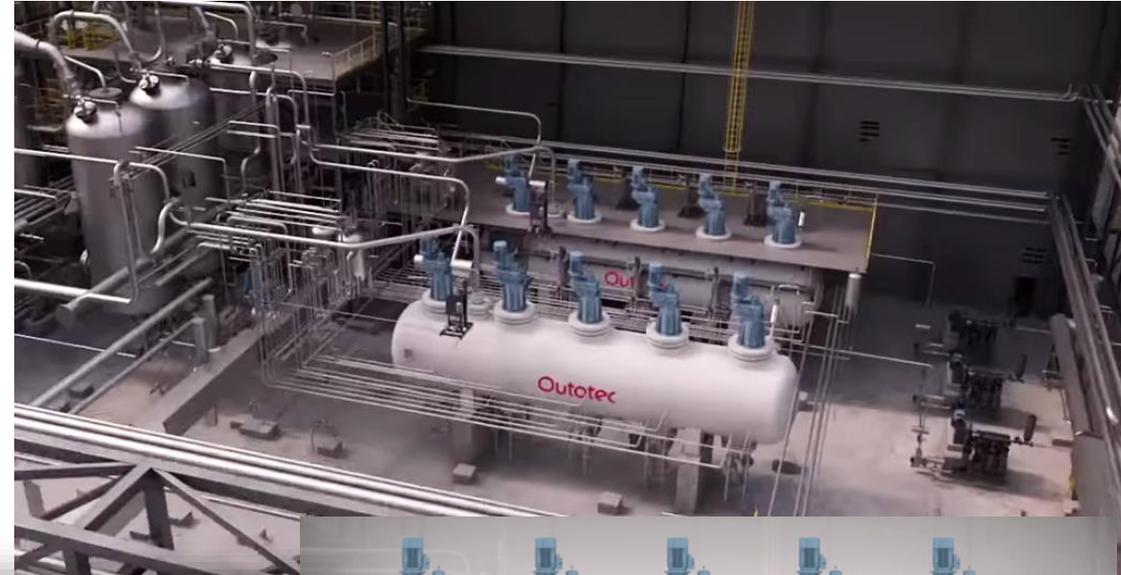


⁽¹⁾ This Exploration Target is a statement or estimate of the exploration potential of the mineral deposit in a defined geological setting where the statement or estimate, quoted as a range of tonnes and a range of grade, relates to mineralisation for which the potential quantity and grade is conceptual in nature and there has been insufficient exploration to estimate a Mineral Resource and that it is uncertain if further exploration will result in the estimation of a Mineral Resource. Refer Section 4 of Prospectus

Potentially favourable metallurgy

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- Vanadium mined at Skåne in 1940's was processed with simple roast/sulphuric acid leach
- Mineralisation shale hosted, with potential to be amenable to modern Pressure Oxidation Leaching;
- Pressure Oxidation can potentially produce a high quality V_2O_5 flake
- Potential for capital and cost advantages following further test work



Scan of vanadium distribution in alum shale showing the vanadium is associated with clay particles and not encased in pyrite

Strong Board and Management



Brandon Munro (Chairman)

- 20 years' experience as a corporate lawyer and resources executive.
- Current CEO of Bannerman Resources Ltd

Ian Burvill (NED)

- 30 years' experience as mechanical engineer and resource financing
- Strong processing, financing, project development skills

Simon Robertson (NED, CoSec)

- 30 years' experience as Chartered Accountant
- Substantial listed company experience as director and company secretary, including Vanadium sector

David Minchin (MD)

- 15 years' experience as geologist (Rio Tinto, British Geological Survey, ICL)
- Last 6 years as exploration director for Mining PE firm

John Turney (Metallurgical Adviser)

- + 40 years' experience as chemical engineer and project director, vast pressure oxidation experience
- Strong processing, project development skills

Alex Walker (Consultant)

- 13 years' experience as resources investment professional in Perth and London
- Most recently institutional investment with Pareto

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Ideal jurisdiction and infrastructure...

Sweden ranked 4th globally in the Fraser Institute Policy Perception Index

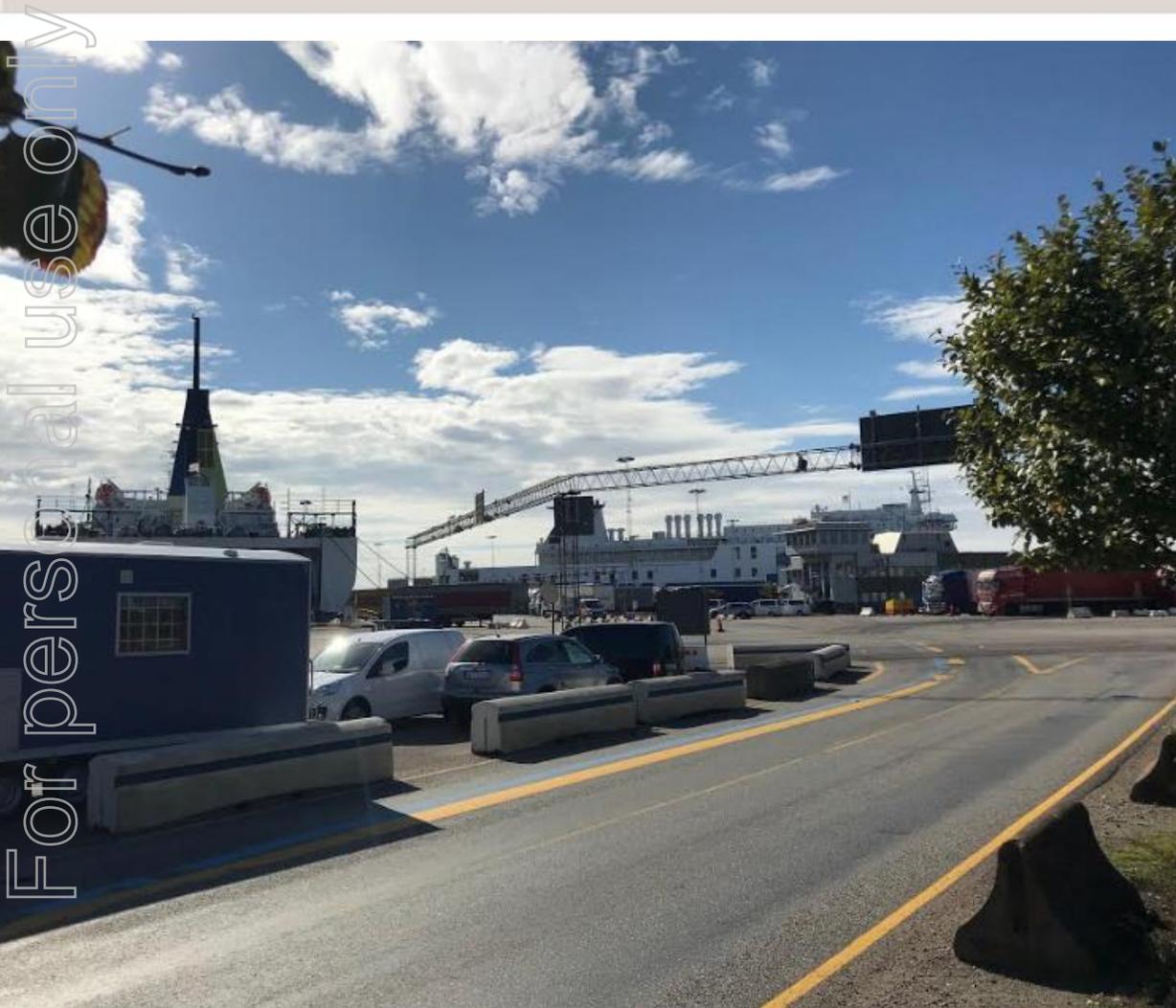
Economics

- ✓ Mining royalties of 0.2%
- ✓ Corporate income tax of 22%
- ✓ No additional taxes for mining

Excellent infrastructure: rail, road, ports, towns



... and access to EU markets



Port of Trelleborg, Scandinavia's largest RoRo port, 80kms from Skåne project



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Listing with EV of \$4.5m and cash of ~\$5m

Market Cap at listing	A\$9.5m
Cash	~A\$5m
Shares	351,866,100
Performance Shares*	112,500,000
Current options on issue (\$0.027, expire 4/3/19)	18,750,000
Management/Advisor Options (\$0.04, November 2022)	58,000,000

* 112.5M performance shares, convert to SVD shares upon:

- a) JORC compliant inferred resource of 50Mt @ 0.5% V₂O₅, within 24 months (56.25M SVD shares)
- b) Published PFS demonstrating project viability, within 42 months (56.25M SVD shares)



Railway running through licence area



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Outcropping Dictyonema formation, Skåne Project

APPENDIX

Why Vanadium?



To maximise the value from renewable energy we must be able to store energy. Drawing on stored energy allows renewables to supply more base-load power and reduces the cost of supplying power during peak periods

- Our interest in identifying and developing a vanadium deposit is driven by our belief in the significance that Vanadium Redox Flow Batteries must play in combatting climate change
- Vanadium Redox Flow Batteries offer one of the the best solutions with an operating life of >20 years
- Vanadium is 100% recyclable at the end of the battery life creating greater sustainability
- ~50% of the cost of a Vanadium Redox Battery is in the Vanadium Electrolyte
- Unsecure supply of vanadium in Europe, with variable pricing, inhibits commercial viability and uptake



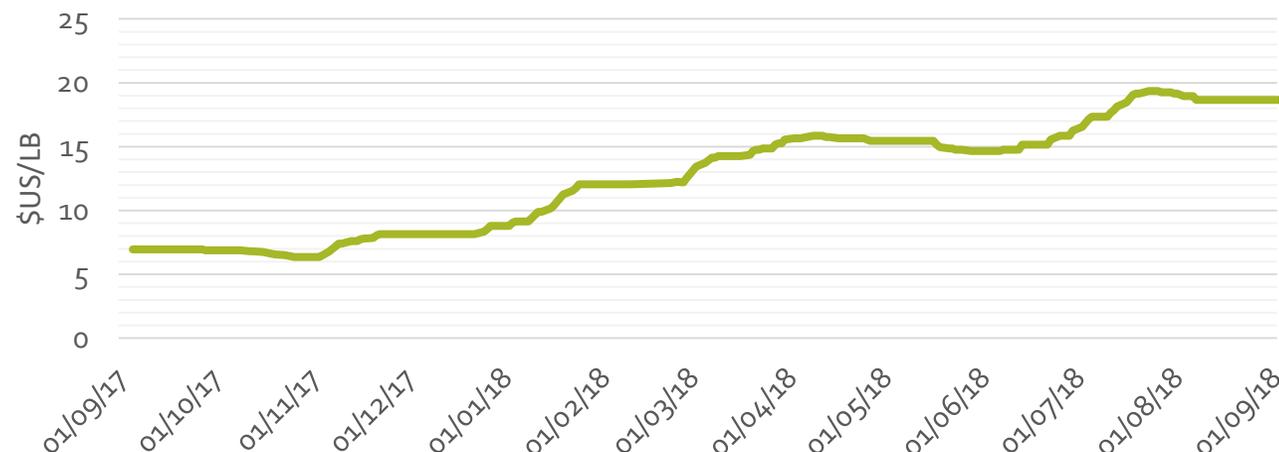
Vanadium



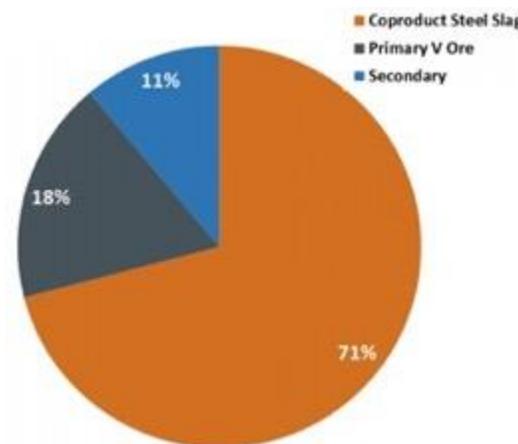
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- At 200MW (800MWh), the Vanadium REDOX, Dalian Energy Storage Project is the largest storage facility globally
- By 2024, roughly 45GW / 81GWh of energy storage worth ~\$44bn, will be installed globally
- Europe Imported >62,000t of Vanadium as ores & concentrates, pentoxide and metal in 2014
- Vanadium demand in China has risen following a revision to the standard tensile strength of rebar
- New supply from titano-magnetite constrained by high CAPEX and increasing environmental standards in China (e.g. banning vanadium slag imports)
- Market is in under-supply and price has risen >300% in the last 12 months

Europe V₂O₅ Price



Vanadium Sources



Vanadium Demand by Region 2016

