ScandiVanadium

Investor Presentation

August 2019

Exposure to Vanadium and the battery metals sector with a globally significant sedimentary deposit in the heart of Europe

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Competent Persons Statement: The information in this presentation that relates to Exploration Results and Exploration Targets is extracted from the the following announcements:

- “Independent Geologists Report included in the Prospectus lodged on 17 September 2018 and the Supplementary Prospectus” lodged on 1 October 2018 (Prospectus)
- “Skåne Vanadium Project Sampling Results” announced 4 December 2018
- “Skåne Vanadium Project Update” announced 12 December 2018
- “Hörby Geological Update Amended’’ announced 21 June 2019
- “Skåne Project Update” announced 19 July 2019

These announcements are available to view at www.scandivanadium.com. The Company confirms that it is not aware of any new information or data that materially affects the information included in the Prospectus and the above mentioned announcement. 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 or the announcements.

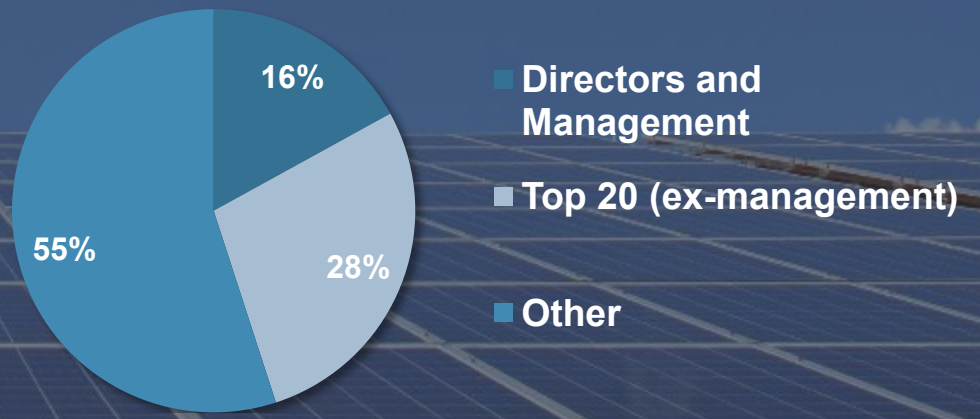
Investment summary

- High quality exposure to Vanadium and the battery metals sector
- Low geological risk with large scale potential
- Potentially favourable metallurgy – enabling a low CAPEX, low OPEX operation
- Excellent infrastructure, economic framework and access to EU markets
- Strong Board and Management

Capital Structure	SVD:ASX
Cash*	~A$3.7m
Shares	351,866,100
Performance Shares	112,500,000
Management/Advisor Options ($0.04, November 2022)	58,000,000

*Cash at 30 June 2019

Key Shareholders



Why Vanadium

To achieve value from renewable electricity we must be able to store energy.

Drawing on stored energy allows renewables to supply consistent base-load power, frequency control, emergency power and peak shaving, increasing the efficacy of renewables and reducing the cost of supplying power during peak periods.

“We think there’s a revolution coming in vanadium redox flow batteries. You’ll have to get into the mining business and produce ultra-pure vanadium electrolyte for those batteries on a massive scale.”
Robert Friedland, 2017

Vanadium Redox Flow Batteries offer one of the best solutions with an operating life of >20 years and highly scalable

Vanadium is 100% recyclable at the end of the battery life creating greater sustainability

Unsecure supply of Vanadium in Europe, with no primary sources of supply

50% of the cost of a Vanadium Redox Battery is in the Vanadium Electrolyte

Vanadium Supply / Demand

Demand growth primarily supported by traditional applications

Crude Steel ↗ 4.6% in 2018*

VRFB ↗ 60% in 2018** – but from a lower start

2018: China's New Rebar Regulation pushed price up

2019: De-stocking of lower grade rebar and a delay in standards implementation dropped price

~75% of supply is a co-product of steel production and is relatively inelastic to price changes

Low inventories and increased consumption will create a market in structural deficit out to 2022

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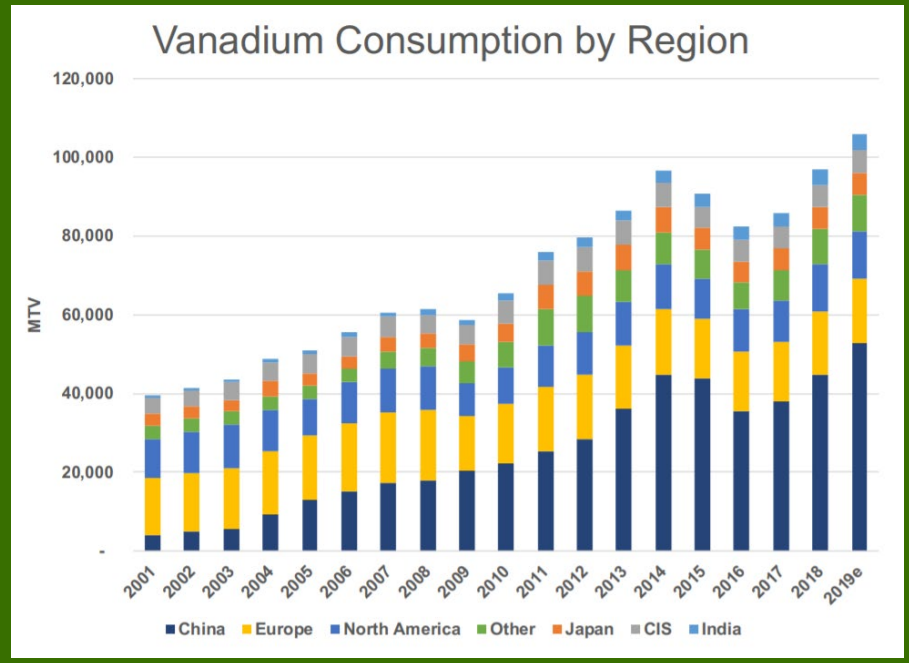
*Source: Vanitec
**Visualcapitalist



Source: Vanitec

Source: ferroalloynet and Metals Bulletin

Asset summary

11 granted exploration licences

220 km^2

Large exploration target (JORC Compliant)

Range	Skåne Exploration Target
Lower Range	**610Mt @ 0.5 - 0.8% V_2O_5**
Upper Range	**1,200Mt @ 0.5 - 0.8% V_2O_5**

Thick and continuous layer of high-grade mineralisation from surface

Based on historic drilling, rock chip sampling and detailed geological mapping

Historically mined and processed

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First World jurisdiction…

Sweden ranked 7th globally in the Fraser Institute Policy Perception Index (2018)

Economics

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

Excellent infrastructure:
Rail, road, ports, towns

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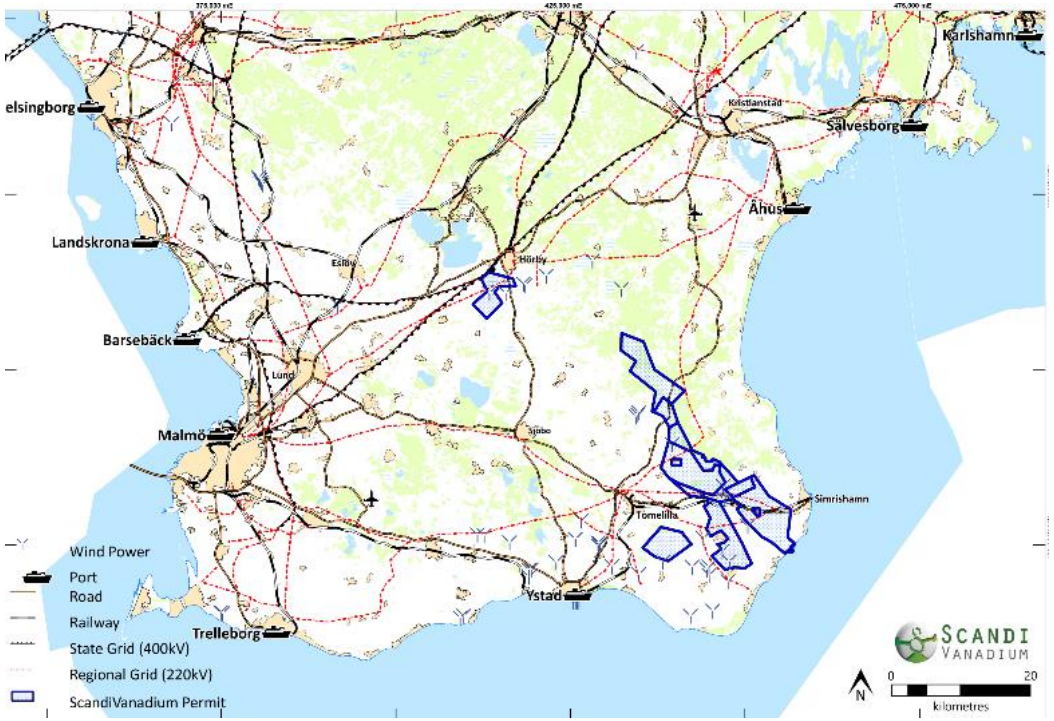
… and access to EU markets



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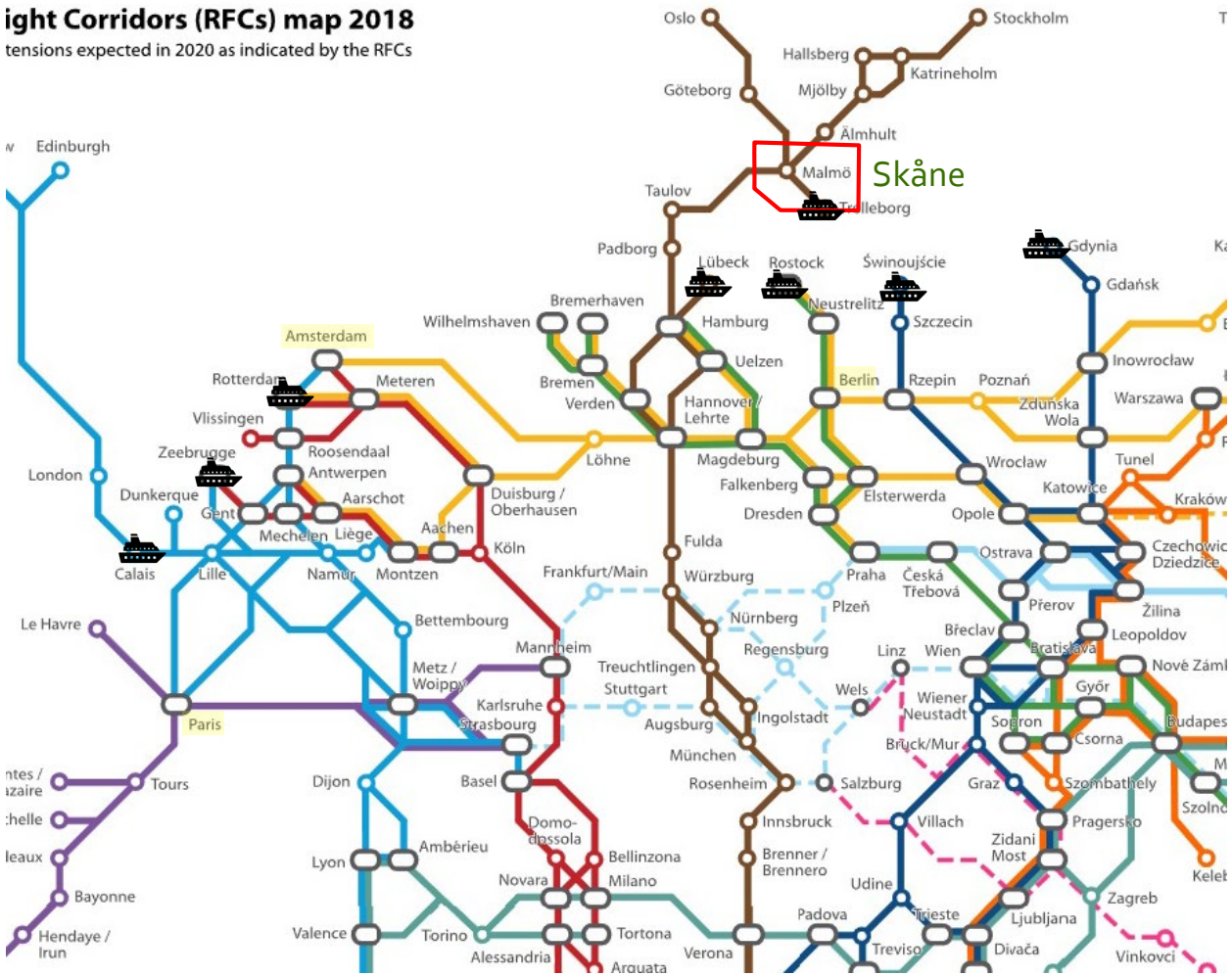
Road and rail connections via the Öresund Bridge connects Skåne to all 27 EU nations as well as major European ports



Source: RailNetEurope

Low geological risk / large scale potential

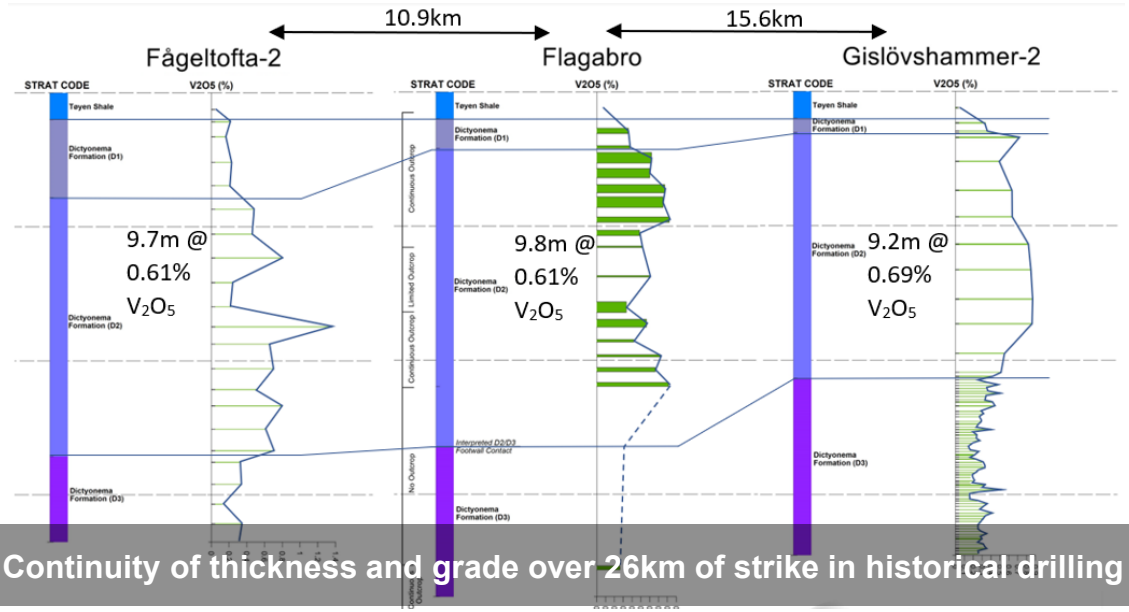
Exploration Target of 610Mt – 1200Mt @ 0.5-0.8% V_2O_5 to 100m depth

Surficial, shallow dipping sedimentary horizon with targeted unit beginning from surface

High grade mineralisation (D2) hosted at top of the Alum Shale in the *Dictyonema Formation*

Historical drilling and sampling confirm continuity of grade and thickness over 26km strike

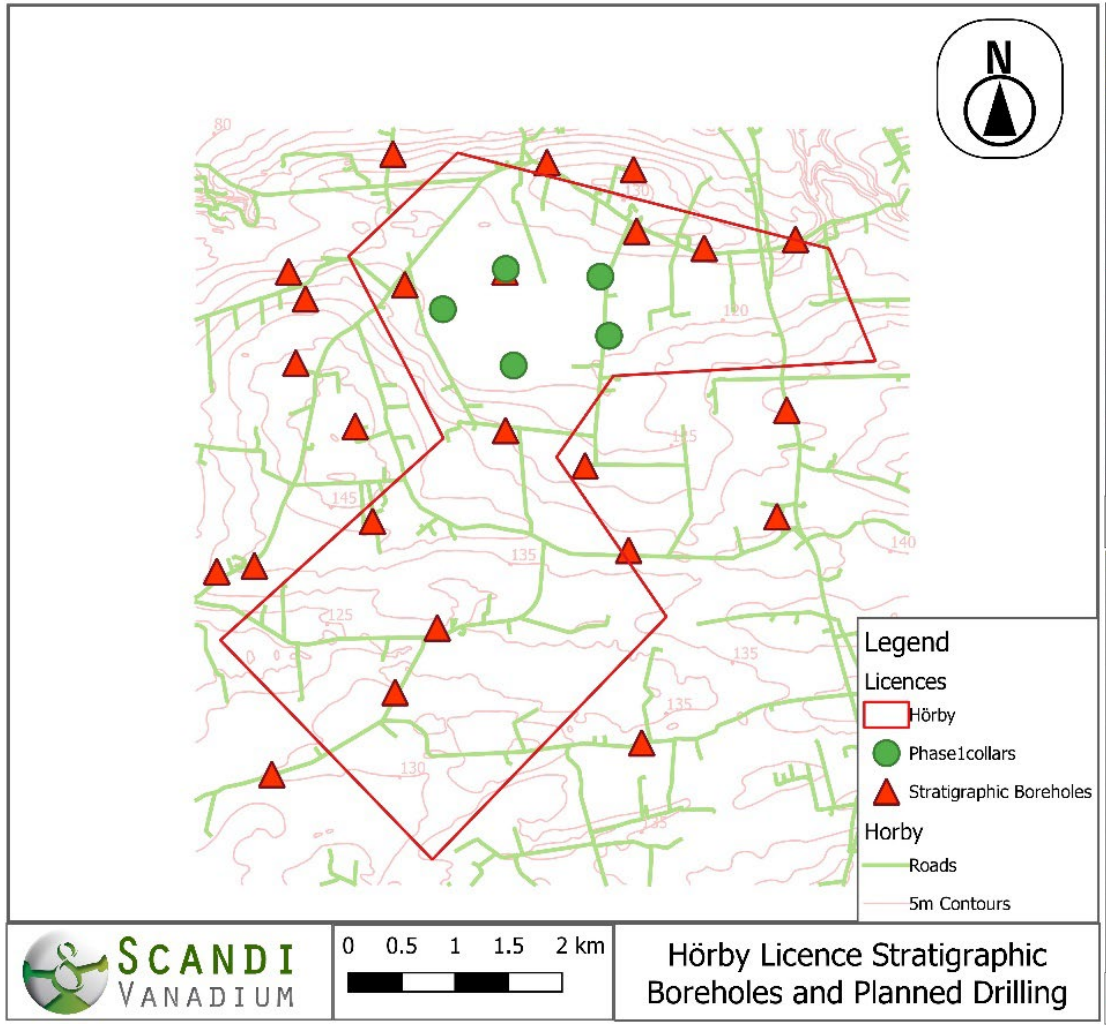
Very low uranium and other impurities

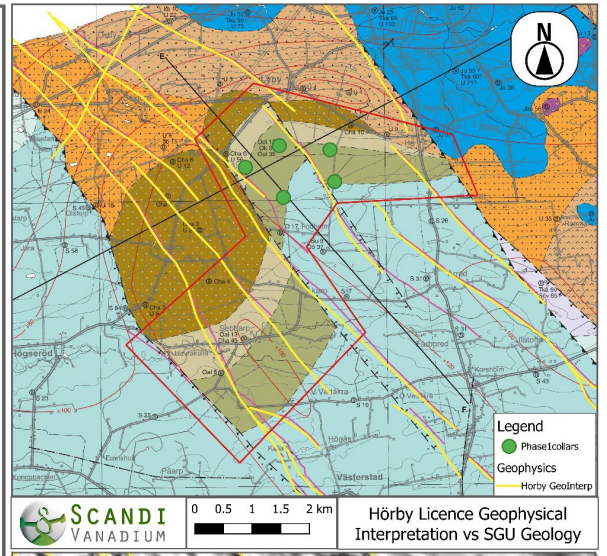


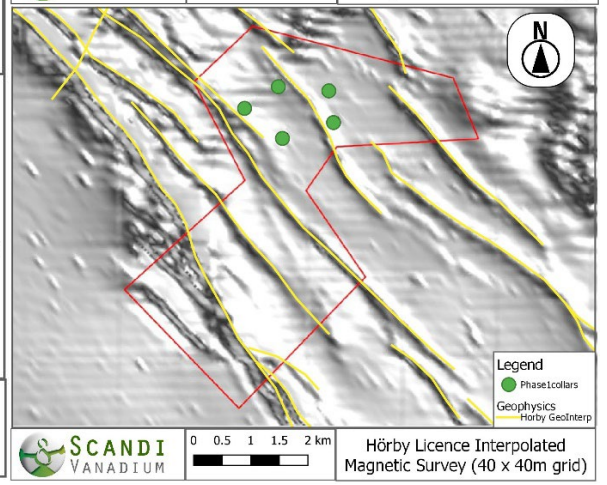
Continuity of thickness and grade over 26km of strike in historical drilling

Outcropping Dictyonema formation, and historical drill core, Skåne Project

Hörby drilling







Hörby situated at northern end of Skåne Project

Five of the initial planned programme of fifteen holes approved and ready to drill

Forest re-growth covering an area previously worked for peat

Target defined by: historical drilling, geological mapping, reprocessed geophysics

Metallurgy

Ore characterisation testwork shows vanadium is distributed evenly throughout the clay matrix of the Dictyonema Seam

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~50kg of material sent for testwork focussed on Pressure Oxidation Leaching (POX)

POX processing plants offer high quality environmental performance, recycling of reagents and clean waste

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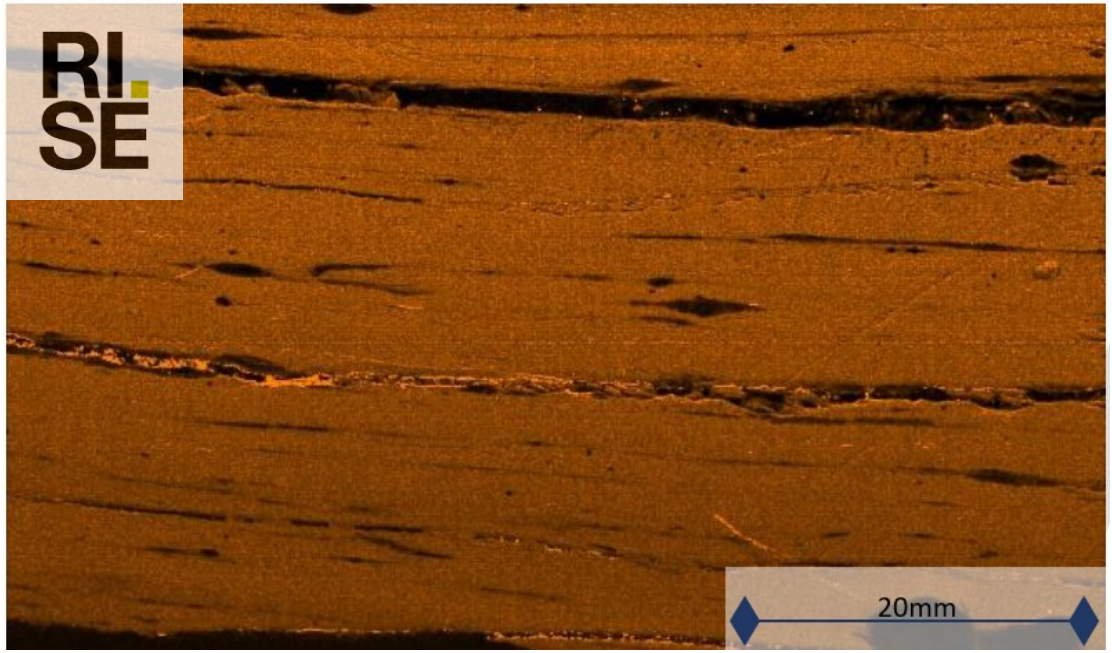
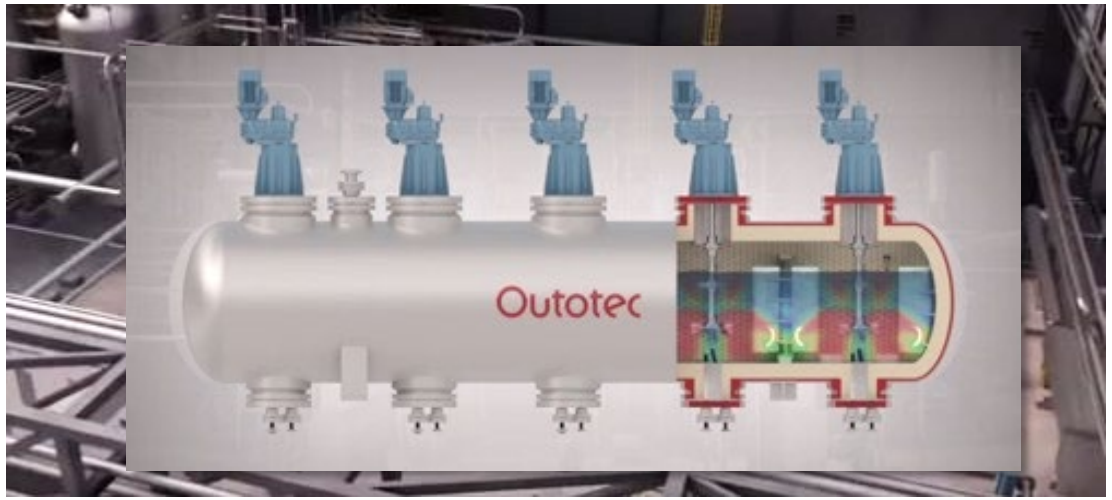
Modularised construction offers potential lower CAPEX and scalability





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Low impact mining

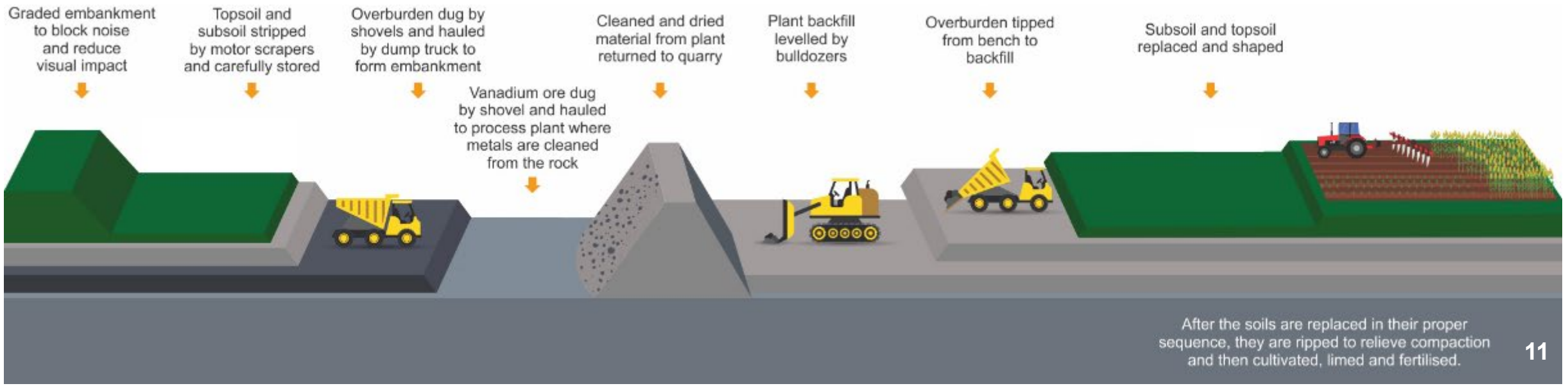
Continuous rehabilitation keeps the footprint small and physical impact minimal

‘Invisible Mine’ philosophy

Similar to existing quarries in Skåne

Rehabilitation dictated by previous use, or best use

Sofielust Quarry, 2.5km’s NE of Virrestad



Strong Board and Management

Brandon Munro (Chairman)

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

David Minchin (MD)

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

Ian Burvill (NED)

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

John Turney (Metallurgy)

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

Simon Robertson (NED, CoSec)

- 30 years' experience as Chartered Accountant
- Substantial listed company experience as director and company secretary

Alex Walker (GM)

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

Investment case

Outcropping Dictyonema formation, Flagabro creek, Skåne Project

- High quality exposure to Vanadium and the battery metals sector
- First world jurisdiction - excellent infrastructure, economic framework and access to EU
- Low geological risk with large scale potential
- Potential POX processing– may enable a low CAPEX, low OPEX operation
- Strong Board and Management

Key contacts

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ASX: SVD

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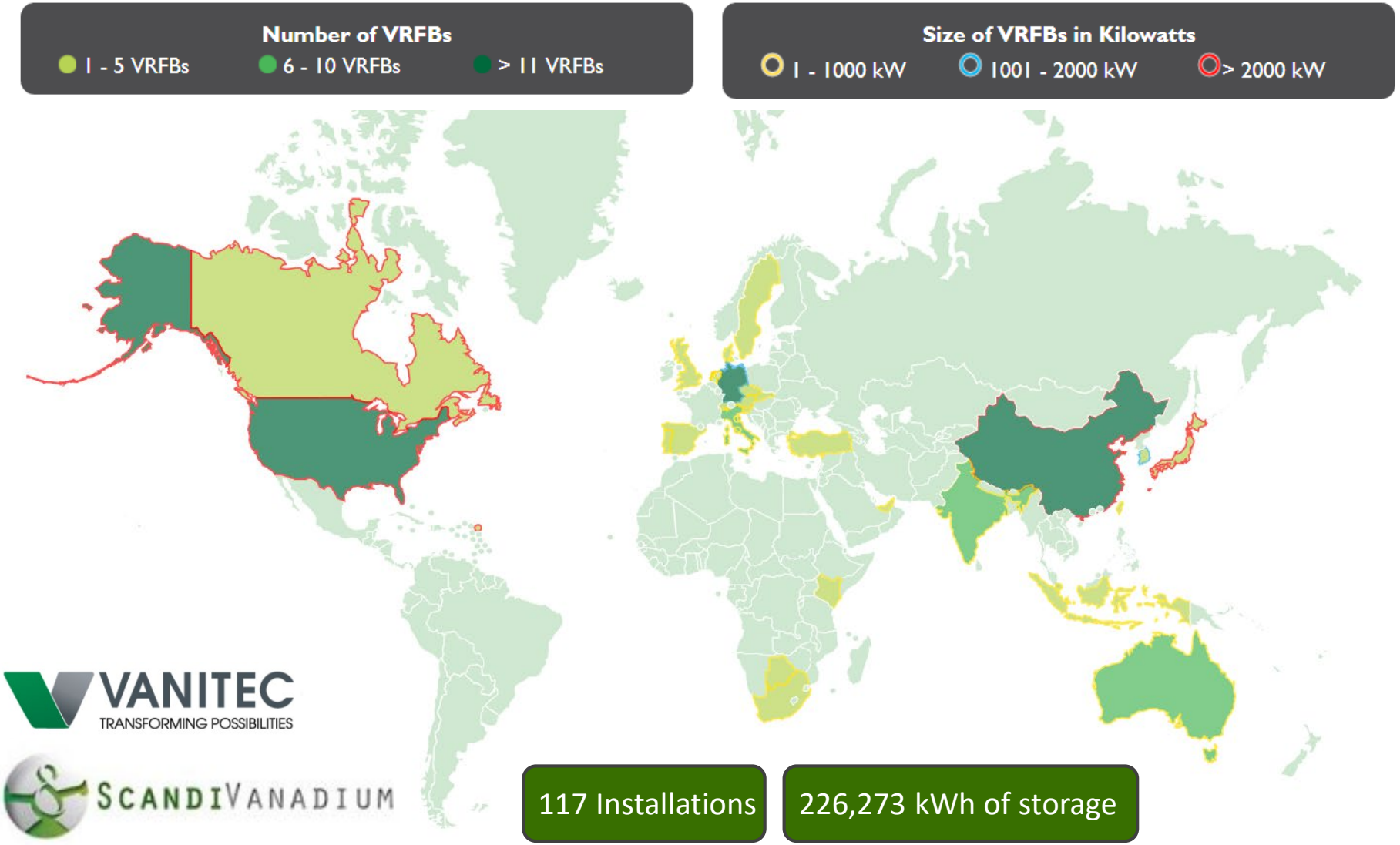
Appendix: VRFB installations map



Country	VRFBs	kW	kWh
Australia	7	945	4,629.90
Barbuda	1	3,000	12,000.00
Botswana	1	112	560.00
Canada	3	2,500	10,000.00
China	17	15,825	48,005.00
Czech Rep.	3	47	209.90
Denmark	3	40	260.00
Germany	15	1,530	86,190.00
India	4	155	740.15
Indonesia	2	400	500.00
Italy	5	631	2,610.00
Japan	5	2,330	7,481.00
Netherlands	1	10	80.00
Portugal	5	5	60.00
Singapore	1	250	2,000.00
Slovenia	1	10	45.00
South Africa	2	745	2,950.00
South Korea	5	1,250	4,900.00
Spain	4	220	800.00
Sweden	1	800	1,800.00
Switzerland	2	210	460.00
U. Kingdom	5	805	5,180.00
USA	17	7,418	33,173.70
Austria	1	14	84.00
Kenya	1	140	84.00
Slovakia	2	107	640.00
UAE	1	10	40.00
Taiwan	1	125	750.00
Turkey	1	10	40.00

VANITEC
TRANSFORMING POSSIBILITIES

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117 Installations

226,273 kWh of storage

Source: Vanitec

Last updated 30- 04 - 2019