



ASX: MRC 30 July 2020

AGM PRESENTATION

Mineral Commodities Ltd provides the attached Presentation to be presented to shareholders attending the Annual General Meeting (AGM) today, set to commence at 3.00pm Perth WST.

- ENDS -

Issued by Mineral Commodities Ltd ACN 008 478 653 www.mineralcommodities.com. **Authorised by** the Executive Chairman and Company Secretary, Mineral Commodities Ltd.

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About Mineral Commodities Ltd

Mineral Commodities Ltd (ASX: MRC) is a global mining and development company with a primary focus on the development of high-grade mineral deposits within the industrial and battery minerals sectors.

The Company is a leading producer of zircon, rutile, garnet and ilmenite concentrates through its Tormin Mineral Sands Operation, located on the Western Cape of South Africa. In October 2019, the Company completed the acquisition of Skaland Graphite AS, the owner of the world's highest-grade operating flake graphite mine and one of the only producers in Europe. The planned development of the Munglinup Graphite Project, located in Western Australia, builds on the Skaland acquisition and is a further step toward an integrated, downstream value-adding strategy which aims to capitalise on the fast-growing demand for sustainably manufactured lithium-ion batteries.





Annual General Meeting July 2020

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Nothing in these materials shall under any circumstances create an implication that there has been no change in the affairs of MRC since the date of this presentation.

The information, if any, in this presentation which relates to Exploration Results, Mineral Resources or Ore Reserves for Tormin is based on information compiled by Mr Bahman Rashidi, who is a member of the Australian Institute of Mining and Metallurgy ("AusIMM") and the Australian Institute of Geoscientists ("AIG"). Mr Rashidi is Exploration Manager and a full-time employee of the Company and has over 22 years of exploration and mining experience in a variety of mineral deposits and styles. Mr Rashidi has sufficient experience which is relevant to the style of mineralisation and types of deposit under consideration and to the activity he is undertaking to qualify as a Competent Person in accordance with the 2012 Edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves ("JORC Code (2012)"). The information from Mr Bahman Rashidi was prepared under the JORC Code (2012). Mr Rashidi consents to inclusion in the presentation of the matters based on this information in the form and context in which it appears

The information, if any, in this presentation which relates to Mineral Resources for Munglinup is based on information compiled by Mr Chris De Vitry who is a member of the AusIMM and an independent consultant to the Company. Mr De Vitry is the Director and Principal Geologist of Manna Hill GeoConsulting Pty Ltd and has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity he is undertaking to qualify as a Competent Person as defined by the JORC Code (2012). The information from Mr De Vitry was prepared under the JORC Code (2012). Mr De Vitry consents to inclusion in the presentation of the matters based on this information in the form and context in which it appears.

The information, if any, in this presentation which relates to the Ore Reserve for Munglinup is based on information compiled by Mr Daniel Hastings, who is a Member of the AusIMM. Mr Hastings is an employee of Hastings Bell Pty Ltd and a consultant to the Company. Mr Hastings has sufficient experience relevant to the type of deposit under consideration to qualify as a Competent

Person as defined by the JORC Code (2012). Mr Hastings consents to inclusion in the presentation of the matters based on this information in the form and context in which it appears.

The information, if any, in this presentation which relates to Exploration Results, Mineral Resources or Ore Reserves for Xolobeni is based on information compiled by Mr Allen Maynard, who is a member of the AIG. a corporate member of the AusIMM and independent consultant to the Company. Mr Maynard is the Director and Principal Geologist of Al Maynard & Associates Pty Ltd and has over 38 years of exploration and mining experience in a variety of mineral deposit styles. Mr Maynard has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the 2004 Edition of the Australasian Code for reporting of Exploration Results. Exploration Targets, Mineral Resources and Ore Reserves ("JORC Code (2004)"). This information was prepared and first disclosed under the JORC Code (2004). It has not been updated to comply with the JORC Code (2012) on the basis that the information has not materially changed since it was last reported. Mr Maynard consents to inclusion in the presentation of the matters based on this information in the form and context in which it appears.

The information if any in this presentation which relates to Skaland Mineral Resources is based on information compiled by Mr Ché Osmond, who is a Chartered Geologist (CGeol) of Geological Society of London and Fellow of the Geological Society (FGS) a Recognised Professional Organisation (RPO). Mr Osmond is Technical Director of Wardell Armstrong International, and an independent consultant to the Company. Mr Osmond has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken to qualify as a Competent Person as defined by the JORC Code (2012). Mr Osmond consents to inclusion in the presentation of the matters based on this information in the form and context in which it appears.





MINERAL COMMODITIES GLOBAL OVERVIEW

Skaland Flake Graphite Production - 10ktpa Flake Graphite Concentrate Skaland MRE: 1.78Mt @ 22% TGC Tormin **Mineral Sands** Production - 2.6Mtpa Processing facility producing: garnet, ilmenite, zircon and rutile concentrates Xolobeni Mineral Sands Development -JORC Compliant Resource 346Mt @ 5% THM Perth **Corporate Headquarters**

"With the acquisition of Skaland, MRC now operates two production centres, Tormin and Skaland, while advancing development at Munglinup and progressing ongoing downstream graphite studies from Perth"

Munglinup

Graphite Development

Ore Reserve (Probable) of 4.24Mt at 12.8% TGC supporting mine life of 14 years with anticipated production of ~52ktpa of >95% purity graphite concentrate. Mineralisation open in all directions



GROUP SAFETY PERFORMANCE

2018 2019

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Three month rolling Total
Recordable Injury Frequency
Rate at year end

1.9 million working hours since last Lost Time Injury incident across both operations

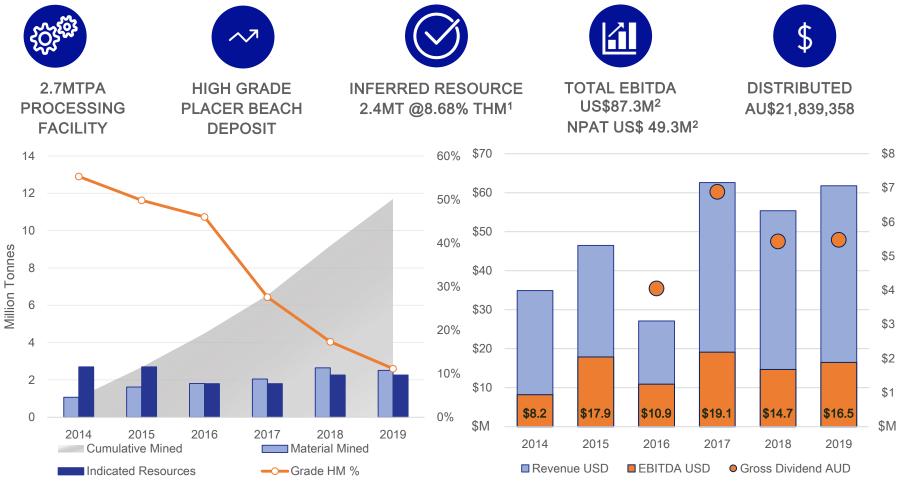


TORMIN

South Africa, one of the highest grade mineral sands operations in the world



TORMIN PERFORMANCE







FINANCIAL PERFORMANCE

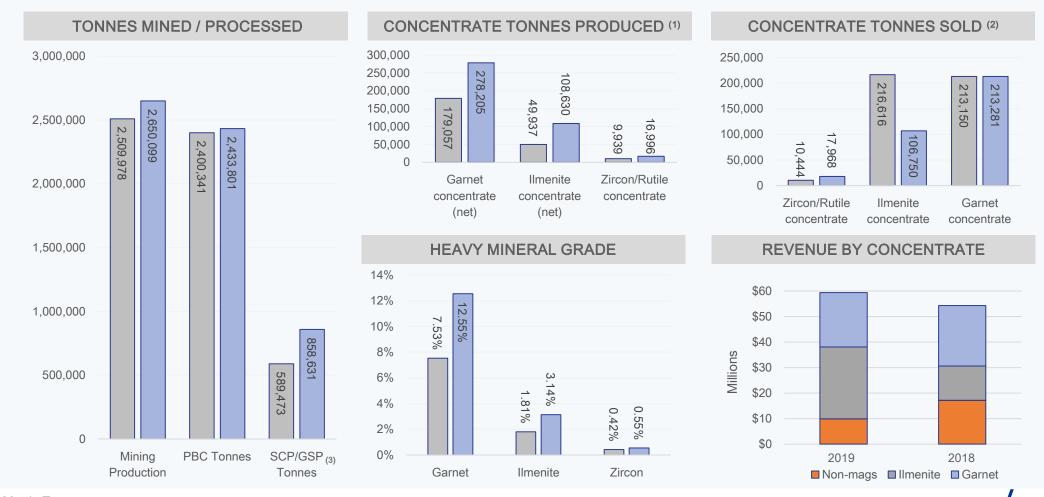
Full Year Highlights

	31-Dec-19	
	US\$	Variance %
Revenue	61,783,570	12% 🔺
EBITDA	16,483,385	12% 🔺
Profit before income tax	11,867,343	14% 🛕
Profit after income tax	7,828,231	-11% V
Diluted earnings per share	1.85	-11% V
Dividends paid (AUD)	5,474,790	-
Operating Cashflow	13,269,945	-8%
Cash	8,092,614	-35% V
Net Assets	45,988,549	9% 🛕



TORMIN - PRODUCTION & SALES

Production and Sales Performance FY2019



(1) Dry Metric Tonnes

personal

- (2) Wet Metric Tonnes
- (3) Includes 151,031 of garnet re-feed





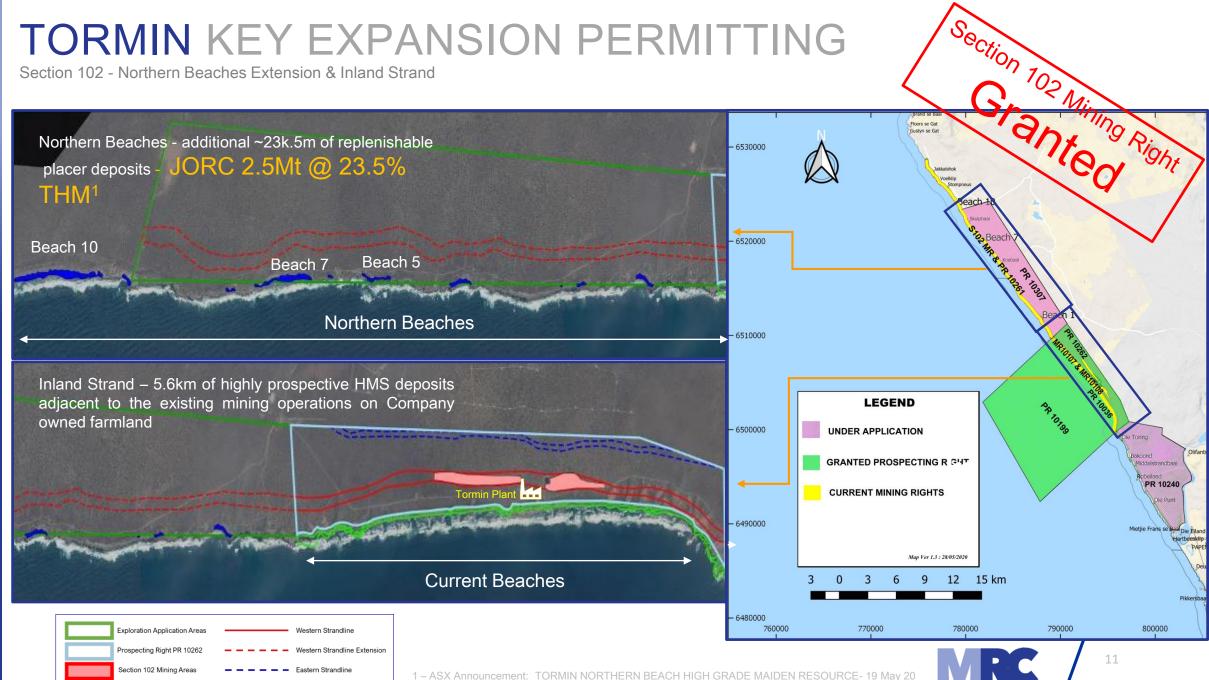


FY 2018



Section 102 - Northern Beaches Extension & Inland Strand

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TORMIN INLAND STRAND

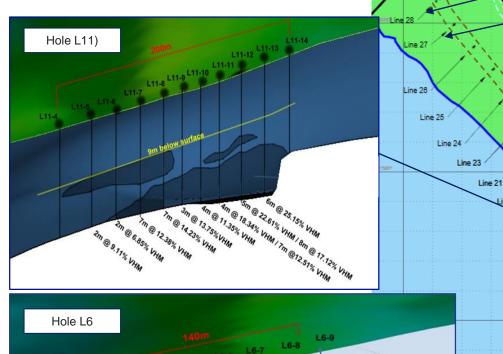
High-grade Inland Strand at Tormin JORC Resource COMING AUGUST 2020 1&2

Notable drillholes from the resource definition drilling located only 200 metres north of the current Tormin Processing Plant (all from surface) include: 1

- Hole L11-11 4m @ 61.3% THM and 7m
 @ 49.9% THM from 10m
- Hole L11-12 5m @ 62.5% THM and 8m
 @ 48.5% THM from 11m
- Hole L11-13 6m @ 58.8% THM from 12m
- Hole L11-8 **7m @ 43.29% THM** from 9m

600 metres south of the current Tormin Processing Plant (all from surface) include: 1

- Hole L6-4 2m @ 57.41% THM from 7m
- Hole L6-5 3m @ 53.11% THM from 6m



Hole L6

140m

L6-5

L6-6

L6-7

L6-8

L6-9

L6-1

Am @ 31-62% HM from 7m

230 24 HM from 7m

Am (23) 37-62% HM from 7m

Am (23) 37-62% HM from 7m

Am (23) 37-62% HM from 7m

Hole L28-6) **7m @ 65.2% THM** ²

Hole L27-4) **5m @ 73.1% THM** ²

Hole L26-5) **5m @ 68.6% THM** ²

Line 34

Line 35

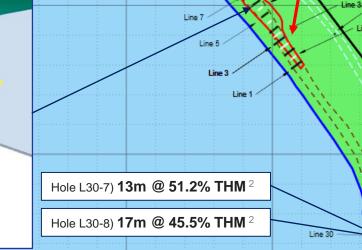
Line 11a

S102 Mining Right

Boundary

Line 37

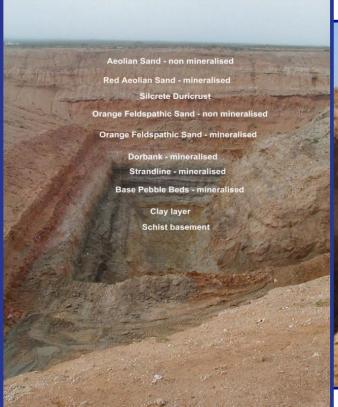
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Line 32



OLD OLIFANTS RIVER HMS STRANDLINE





Silcrete Duricrust

Orange Feldspathic Aeolian Sand

INVESTING IN EXPANSION

Permitting underpins phased expansion at Tormin

Phase 1 - H2 2020

 Targeting Mining and Processing of Northern Beaches/Inland Strand deposits from Q3 2020

Targeting JORC compliant

- Inland Strand - August

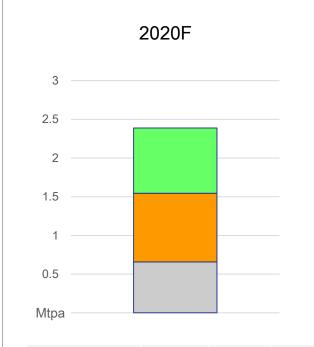
Phase 2 - H1 2021

- Construction of new Primary
 Concentration Plant
- Front End Feed System, Crushing Circuit, Thickener

Phase 3 - H1 2024

Mineral Separation Plant

Section 102 Expansion – Northern Beaches & Inland Strand Mining Areas



Mining Area	Production Mtpa	JORC Resource	THM
Tormin Beach	.660	Yes	8.7%
Northern Beaches	.890	Yes	23.5%
Inland Strand	.840	Yes	?

Section 102 approve from processing expansion developments include:

- Connection to grid power via nearby Eskom renewable wind farm
- Relocation of existing Primary Beach Concentrator unit to the Northern Beaches Mining areas
- Construction of a new Primary Concentration unit with front end feed system and crushing circuit to provide capacity of 4Mtpa¹
- Construction of a Magnetic Separation Plant to make finished ilmenite, garnet and rutile products to provide capacity of 350ktpa¹

Capital Costs

Modest CapEx estimate based on existing infrastructure:

- Redevelopment of existing road access (Northern Beaches)
- Relocation/construction of Beach Concentrator
- Construction of new Primary Concentration Plant

Operating Costs

Ability to reduce OpEx by reducing power and shipping cost:

- Replace diesel power generation with Eskom Power grid connection
- Road transport via truck to port changed with rail solution to Saldanha Port



SKALAND

Unlocking MRC's Emerging Graphite Strategy



SKALAND GRAPHITE

Largest flake graphite producer in Europe and the highest grade flake graphite mine in the world

Presently the world's highest grade operating flake graphite mine with mill feed grade averaging around 28%C

Skaland is the largest flake graphite producer in Europe and fourth largest producer globally outside China

- Current production ~10Ktpa of graphite concentrate accounts for ~2% of global annual natural flake graphite production
- Ore grades of 25%-33%C delivered to the plant
- Fully permitted operation allows for expansion to 16Kpta production
- Low-cost hydro power allows for expansion of operations and downstream processing
- Plant currently operates at 60% capacity. An increase to 85% utilisation rate will increase production to 15-16kpta
- Opportunity to improve current flowsheet to produce high grade, high value product. Initial testwork resulted in upgrading to 96%-99% TGC with additional attritioning and flotation



SKALAND - PRODUCTION & SALES

Production and Sales Performance FY 2019 – MRC took operational control of Skaland Graphite AS on 1 October 2019

Processing	Dec-19 Quarter	Acquisition to 31- Dec-19
Ore Processed	10,112	37,088
Throughput (tph)	6.9	7.8
Ore Grade (%C)	28.4	26.1
C Recovery (%)	93.3	91.7
Concentrate Grade (%)	90.7	91.2
Concentrate Produced (t)	2,945	9,780

Product Category (wmt)	Sales	PSD %	Sales	PSD %
Flake/Medium	776	39%	2,467	34%
Fine-Medium/Powder	1,231	61%	4,808	66%
Total	2,007		7,275	

Unit Costs & Revenues		
Unit production cash costs¹	US\$405.18	\$417.41
Unit cost of goods sold ²	US\$356.50	\$476.28
Unit revenue per tonne 3	US\$582.48	\$639.13



¹⁻ US\$/dmt of net final concentrate produced

²⁻ US\$/wmt of net final concentrate sold

³⁻ US\$/wmt of final concentrate sold

Total Mineral Resources for the Trælen Graphite Deposit (10% cut-off grade)

Classification	Tonnes Kt	Total Graphitic Carbon (TGC)	Tonnes Contained Graphite Kt
Indicated	409	26%	106
Inferred	1,376	21%	291
Total ¹	1,785	22%	397

75% of the total contained tonnes reporting at 25% TGC at a 20% cut-off

Testwork on Skaland Fines Concentrate Sample

-150 micron Skaland concentrate @ 87% C production sample used

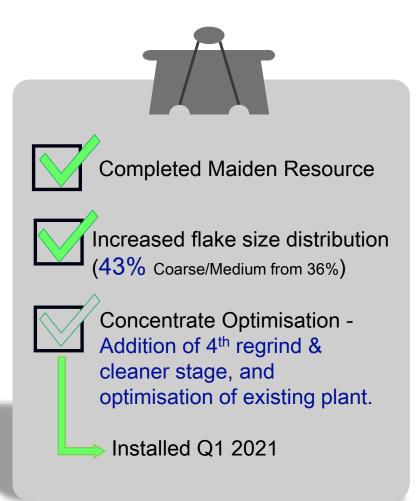
Additional milling and polishing in pilot scale testwork resulted in upgrading to

97%-98% C

Very high grade feed suitable for downstream value-adding

Dersonal

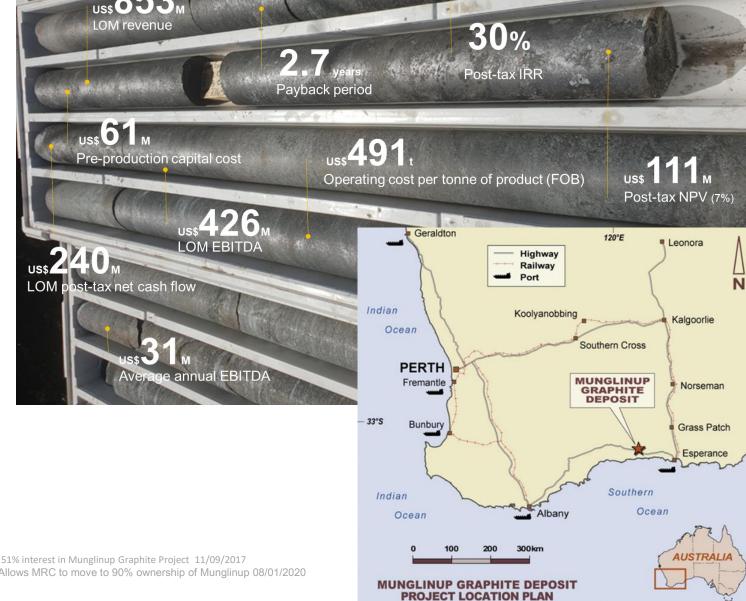
Pilot testwork finalised and equipment procurement underway



MUNGLINUP GRAPHITE PROJECT

High grade mineral resource

- Definitive Feasibility Study ("DFS") completed in January 2020 outlining a robust and economically justifiable project
- Ore Reserve of 7.9Mt at 12.2% TGC (10% cut-off) with mineralisation open in all directions(1)
- Coarse flake (+150µm) distribution accounting for 43% to 48% of the concentrate
- Coarse flake concentrate grades of 95.7% 97.7% TGC
- Fine flake (-150µm) concentrate grades of up to 98.3% TGC
- 105km west by sealed road from the Port of Esperance
- Mining Lease granted to 2031 on designated Mining Reserve
- Final Permitting expected Q3 2020





- (1) ASX RELEASE -MRC to acquire 51% interest in Munglinup Graphite Project 11/09/2017
- (2) ASX RELEASE Robust DFS Allows MRC to move to 90% ownership of Munglinup 08/01/2020

ANODE MATERIAL

Anode (Graphite) Material per battery



Tesla Model S 71kg



Kia Niro EV 45kg



Nissan Leaf S Plus 44kg



BMW i3 30kg



Hyundai Kona Electric SEL Chevrolet Bolt EV LT 45kg



43kg



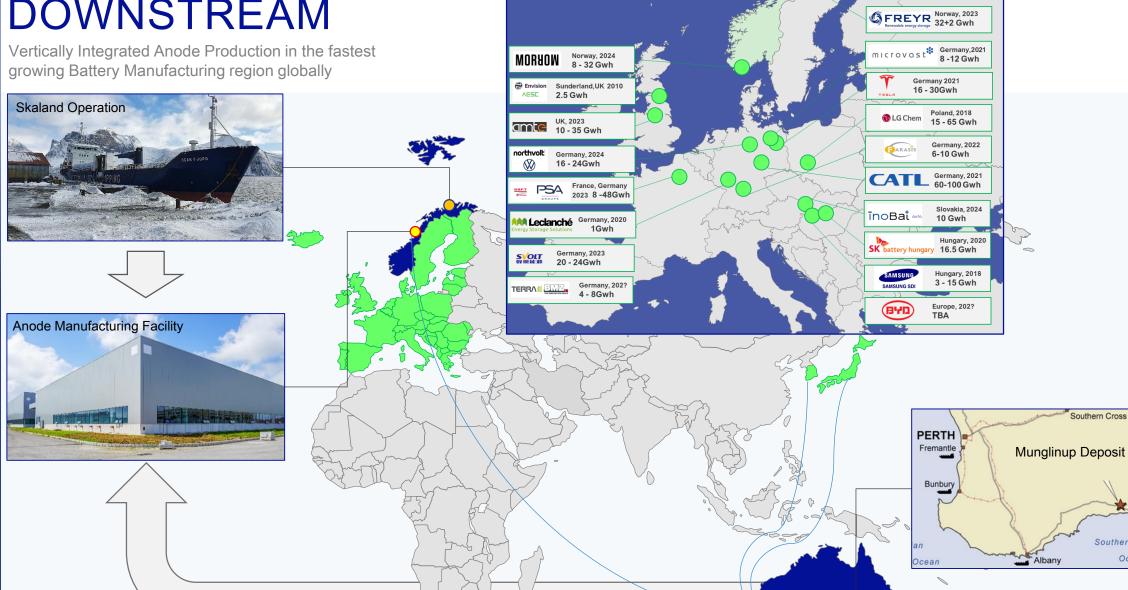
Audi e-Tron 67kg



Volkswagen e-Golf 26kg



DOWNSTREAM



northvolt Sweden, 2021 32 - 40 Gwh

Southern Ocean

Southern Cross

Norsem

Grass Pa Espera

KEY OPTIMISATION PHASES

Current flowsheet has capacity for upgrading to produce high purity, high value product. This will be the near-term focus whilst research and development is conducted on further value-adding elements

UPGRADE CONCENTRATE

Equipment installation to increase grade of fines, to be completed in the next 6 to 8 months

INCREASE PRODUCTION

Once new equipment is commissioned and quality of products improved, target increased production to ~16ktpa

1 VALUE ADD TO EXISTING CONCENTRATE 6

QUALIFICATION

Evaluate electrochemical qualities of BAM produced from micronised, spheronised and coated purified fines concentrate. Production samples for customer evaluation and qualification

COATING (CSPG)

Coating with a thin layer of carbon pitch that enhances the electrochemical performance of the SPG by decreasing the surface area

MICRONISATION/SPHERONISATION (SPG)

Evaluate options for micronising and spheronising the high grade (~98%-99%) concentrate into unpurified spherical graphite onsite – leveraging existing infrastructure, management and low-cost renewable energy. Potential fast-tracked approach to producing Battery Anode Material ("BAM")

PURIFICATION (PG)

Purification of high grade fines using non-HF chemical or carbo-clorination approach being developed within CRC-P to produce battery anode feed



FOCUS FOR FUTURE SUCCESS

Significant positive catalysts ahead

TORMIN

- Secured permitting to extend Tormin target LOM +10 years through additional resource definition
- Implement Phase 1 / Phase 2 expansion initiatives

SKALAND

- Optimise processing flowsheet
- Increase nameplate production
- Develop downstream strategy

MUNGLINUP

- Finalise permitting
- Complete study and design work for integrated downstream development
- Complete marketing agreements
- Project financing

- Implement business strategy to create multi-commodity/jurisdiction-based diversified mining company, mining high grade deposits, including vertically integrated downstream processing
- Continuation of shareholder growth and return to dividends through stringent capital management and project delivery



QUESTIONS

