







### **IMPORTANT NOTICES**

This document is produced for information only and not in connection with any specific or proposed offer (the "Offer") of securities in Sirius Minerals Plc (the "Company"). No part of these results constitutes, or shall be taken to constitute, an invitation or inducement to invest in the Company or any other entity, and must not be relied upon in any way in connection with any investment decision.

An investment in the Company or any of its subsidiaries (together, the "Group") involves significant risks, and several risk factors, including, among others, the principal risks and uncertainties as set out on pages 48 to 52 of the Company's 2017 annual report and other risks or uncertainties associated with the Group's business, segments, developments, regulatory approvals, resources, management, financing and, more generally, general economic and business conditions, changes in commodity prices, changes in laws and regulations, taxes, fluctuations in currency exchange rates and other factors, could have a material negative impact on the Company or its subsidiaries' future performance, results and financial standing. This document should not be considered as the giving of investment advice by any member of the Group or any of their respective shareholders, directors, officers, agents, employees or advisers.

Any Securities offered for sale by the Company will not be registered under the U.S. Securities Act of 1933 (the "Securities Act") and may only be offered and sold pursuant to an exemption from, or in a transaction not subject to, such registration requirements and applicable U.S. state securities laws.

Unless otherwise indicated, all sources for industry data and statistics are estimates or forecasts contained in or derived from internal or industry sources believed by the Company to be reliable. Industry data used throughout this document was obtained from independent experts, independent industry publications and other publicly-available information. Although we believe that these sources are reliable, they have not been independently verified, and we do not guarantee the accuracy and completeness of this information.

The information and opinions contained in this document are provided as at the date of this document and are subject to amendment without notice. In furnishing this document, no member of the Group undertakes or agrees to any obligation to provide the recipient with access to any additional information or to update this document or to correct any inaccuracies in, or omissions from, this document which may become apparent.

This document contains certain forward-looking statements relating to the business, financial performance and results of the Group and/or the industry in which it operates. Forward-looking statements concern future circumstances and results and other statements that are not historical facts, sometimes identified by the words "believes", "expects", "predicts", "intends", "projects", "plans", "estimates", "aims", "foresees", "anticipates", "targets", and similar expressions. The forward-looking statements contained in this document, including assumptions, opinions and views of the Group or cited from third party sources are solely opinions and forecasts which are uncertain and subject to risks, including that the predictions, forecasts, projections and other forward-looking statements will not be achieved. Any recipient of this document should be aware that a number of important factors could cause actual results to differ materially from the plans, objectives, expectations, estimates and intentions expressed in such forward-looking statements. Such forward looking-statements speak only as of the date on which they are made.

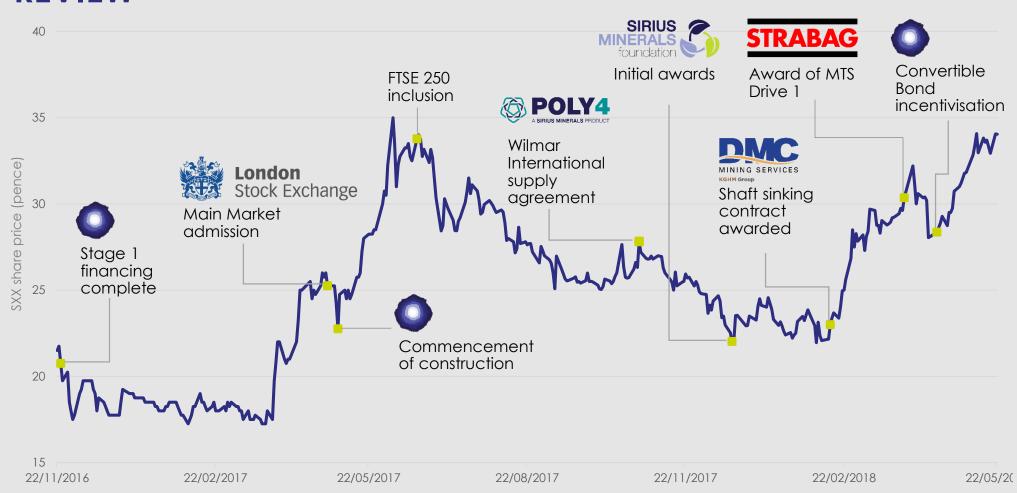
No member of the Group or any of their respective affiliates or any such person's officers, directors or employees guarantees that the assumptions underlying such forward-looking statements are free from errors nor does any of the foregoing accept any responsibility for the future accuracy of the opinions expressed in this presentation or the actual occurrence of the forecasted developments or undertakes any obligation to review, update or confirm any of them, or to release publicly any revisions to reflect events that occur due to any change in the Group's estimates or to reflect circumstances that arise after the date of this document, except to the extent legally required.

Any statements (including targets, projections or expectations of financial performance) regarding the financial position of the Company, any of its subsidiaries or the Group or their results are not and do not constitute a profit forecast for any period, nor should any statements be interpreted to give any indication of the future results or financial position of the Company, any of its subsidiaries or the Group.

Any statements (including targets, projections or expectations of financial performance) regarding the financial position of the Company, any of its subsidiaries or the Group or their results are not and do not constitute a profit forecast for any period, nor should any statements be interpreted to give any indication of the future results or financial position of the Company, any of its subsidiaries or the Group.



### PROGRESS REVIEW









### **2017 Milestones**

- Complete site preparation works
- Substantially complete
   D-wall installation
- Progress design activities for MTS, harbour and MHF



# CONSTRUCTION UPDATE



To view update video, please visit

https://youtu.be/xVT0\_HRoFZ8

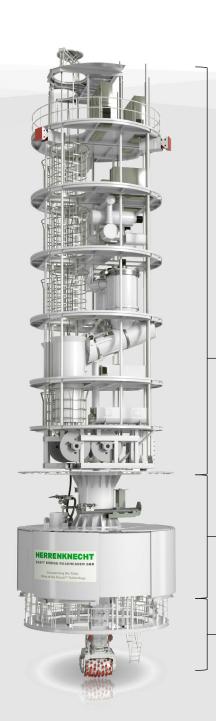


# SHAFT SINKING MAIN SHAFTS

### DMC Mining Services (DMC) will construct Sirius's shafts

 First polyhalite targeted May 2021six month acceleration opportunity







### **Shaft Boring Roadheader**

Work Decks

Rock support area

**Excavation chamber** 



# MYTH -YOU CAN'T EFFICIENTLY MINE POLYHALITE

- Polyhalite is strong, and reacts in a brittle, non-creep way to stress
- Fit-for-purpose mining fleet necessary for efficient operation
- Multi-year study has confirmed each 12HM46 can efficiently and cost effectively mine 1.6 Mtpa of polyhalite
- The nature of polyhalite enables the use of drill & blast extraction techniques





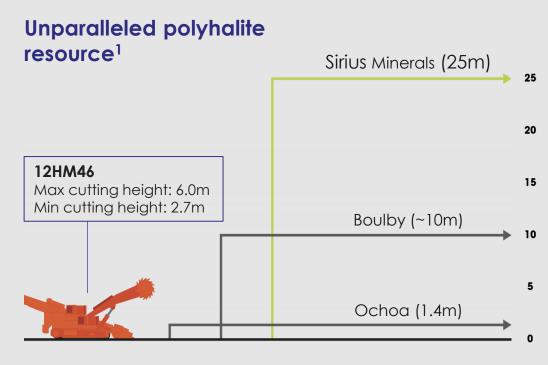
12HM46

Mass: **154,000kg** Power: **900kW** 

6

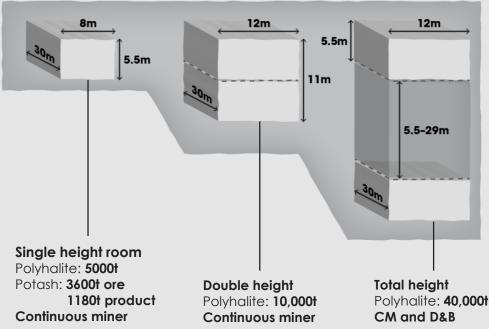


# THICKNESS DELIVERS EFFICIENCY



Scale and quality of polyhalite resource enables high-volume, low-cost mining.

### Scale presents options<sup>2</sup>





# MYTH – MINING COSTS UNDERSTATED

Every tonne of polyhalite mined becomes a tonne of POLY4

POLY4 A SIRIUS MINERALS PRODUCT	Product	MOP
1:1	Mining ratio <sup>1</sup>	3:1
11.1	Mining cost US\$/t of ore <sup>2</sup>	8.7
11.1 —	Mining cost US\$/t final product	26.3

Notes: 1) 1 tonne of polyhalite:1 tonne of POLY4, MOP 3:1 ratio CRU estimated total cost to mine a tonne of MOP at Rocanville mine to be approx. U\$\$26.3/t finished product (2012 data) with estimated grade of 39% KCI and a mill recovery of 85%. 2) Sirius mining cost based on 10 Mtpa over life of mine, estimate taken from DFS based on 80:20 granulation and coarse product split. MOP mining cost per tonne based on CRU estimate.

Assumes MOP purity of 39% KCI and recovery rate of 85% implies approx. three tonnes of sylvinite ore mined for one tonne of final product (1/(1\*0.39\*0.85))= 3.02 this implies actual cost of mining sylvinite ore U\$\$8.7/t.



# MYTH – MTS COSTS UNDERSTATED

STRABAG awarded contract to construct MTS drive 1 - Wilton to Lockwood Beck with fixed rates for tunnelling advance



Herrenknecht tunnel boring machine





### GOTTHARD BASE TUNNEL-151.8KM OF TUNNELS

- World's longest and deepest railway tunnel
- Tunnel runs through the Swiss Alps
- Duel tunnel railway system for passengers and freight
- Main tunnels connected every 325m by 178 connecting cross passages



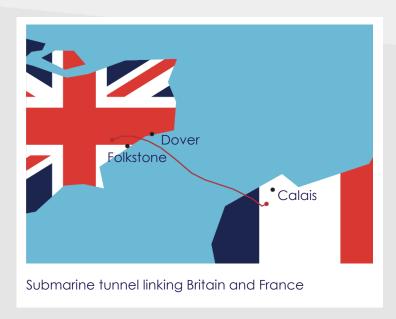
Tunnel passes beneath the Alps

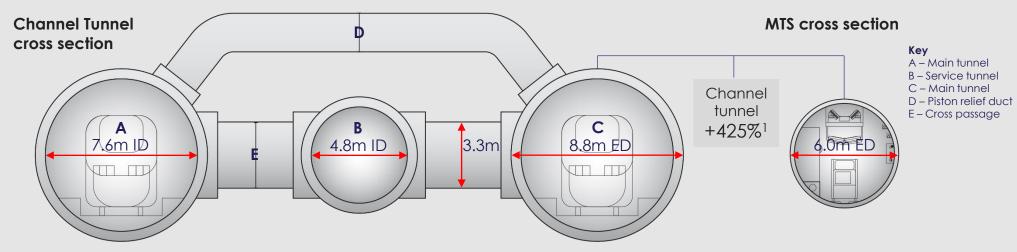




# **CHANNEL TUNNEL-** >150KM OF TUNNELS

- Longest undersea portion of any tunnel in the world (37.8km)
- Duel tunnel railway system for passengers and freight and 50km long service tunnel
- Main tunnels connected every 375m by 270 connecting cross passages
- 194 piston relief ducts (2.0m ID) every 250m







### CROSSRAIL-42KM OF TUNNELS

- Twin bore tunnel system under central London
- Duel tunnel railway system for passengers



Crossrail passes beneath central London



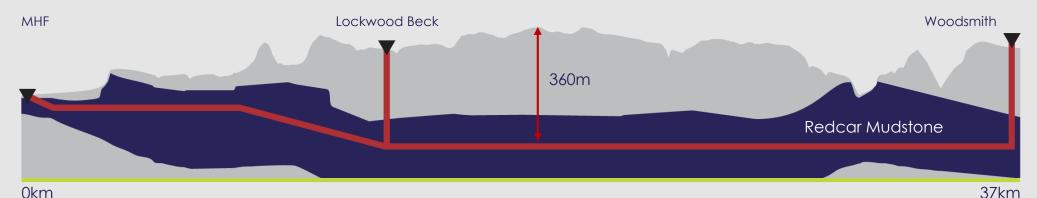


### MTS-37KM TUNNEL

- Tunnelling within one competent geological formation the Redcar mudstone
- Tunnel designed to accommodate a conveyor to transport mineral and mine power supply
- Tunnel does not pass beneath a single dwelling

# MTS cross section Single conveyor 66kv cable Maintenance vehicle

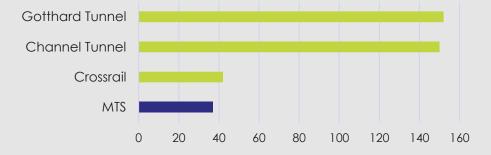
#### **MTS Long section**



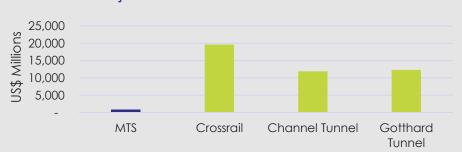


# TRANSPORT SYSTEM COMPARISONS

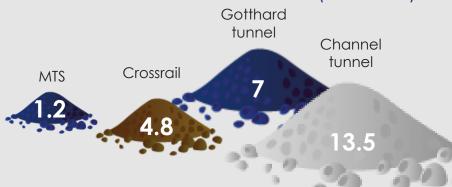
### Length of tunneling (km)



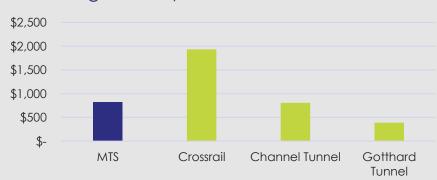
#### Overall Project cost



### Total volume excavated material (Million m³)



#### Tunnelling cost US\$/m<sup>3</sup>



Notes: Tunnel data for Crossrail, Channel Tunnel and Gotthard Base tunnel sourced from Crossrail, Alttransit and publicly available information. Tunnelling costs sourced form publicly available information and adjusted to US\$ using FX 1.32. historical pricing has been adjusted for inflation to represent 2018 cost.







### 2017 Milestones

- Execute incremental offtake agreements
- Expand breadth and depth of global agronomy programme



# EXPANDING GLOBAL FOOTPRINT

Multi-year global agronomic programme



**322** Trials





35 Crops





21 Countries





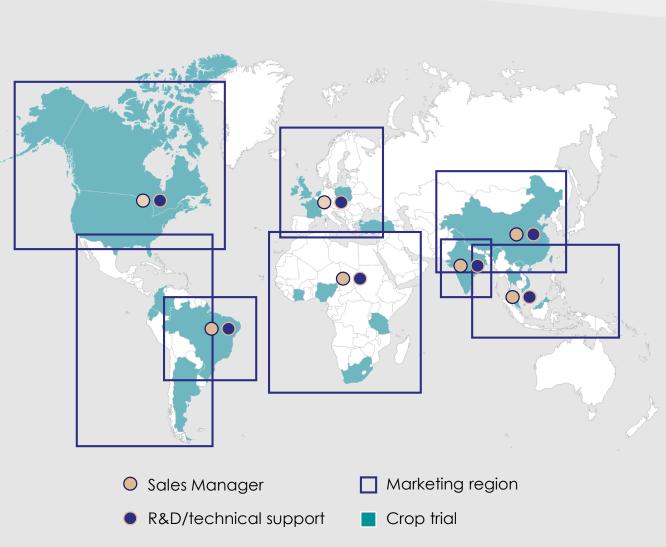
# EXPANDING GLOBAL FOOTPRINT

## Implementation of global strategy

- Eight defined marketing regions
- Global team consists of region specific sales and technical specialists
- Profile of POLY4 increased significantly



17 Industry events





### **NORTH AMERICA – VALUE OPPORTUNITY**

• Premium market served by existing high cost SOP / SOPM incumbents

Huge low chloride opportunity in corn and potatoes



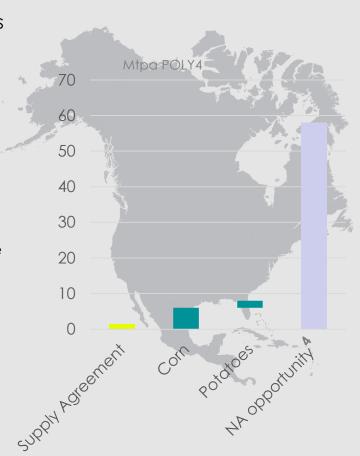
### Corn – up to 6 Mtpa<sup>1,2</sup>

- Typical blend 15:15:15 + 5\$
- POLY4 replica 32% POLY4 inclusion
- POLY4 alternative 12:12:12 +10S + 3MgO (50% inclusion)
- Added benefits Mg, Ca, micronutrients and lower chloride



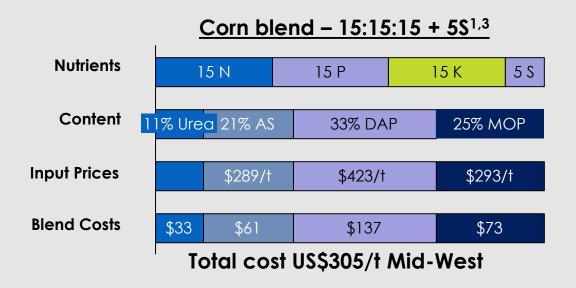
### Potatoes – up to 2 Mtpa<sup>2,3</sup>

- Typical blend 12:11:18 + 8S + 2MgO
- POLY4 replica 30% POLY4 inclusion
- POLY4 alternative 10:10:14 +10S + 3MgO (48% inclusion)
- Added benefits low chloride

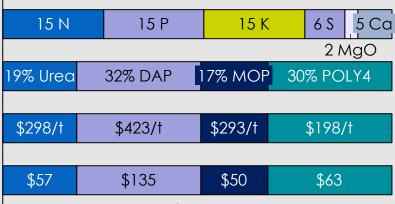




### NORTH AMERICA - BLEND SUBSTITUTION







Total cost US\$305/t Mid-West

- Corn blend netback price US\$168/t FOB<sup>2</sup>
- Potato blend netback price US\$192/t FOB<sup>1,2</sup>
- 8Mtpa opportunity at attractive margins for both producer and distributor







### STAGE 2 FINANCING

#### **Facilities**

- Up to US\$3bn total debt
- >US\$1bn commercial tranche
- Up to U\$\$2bn UK government guaranteed bond tranche

#### **Terms**

- Sized as 16 year amortizer based on target DSCR of 2.0x
- Commercial debt [10] year maturity
- Guaranteed bonds up to 16 year maturity
- [6-7]% all in interest rate
- 65% leverage

### **Process timeline**

Nov 17 – Feb 18
Government and consultant engagement

Mar 2018
Release bank
package with IM,
lenders and termsheet

Jun 2018
Commitment letters

Sep 18 – Dec 18
Financial close
inclusion of
government guarantee





### **VALUE PROPOSITION**

