

## ASX ANNOUNCEMENT 25<sup>th</sup> May 2021

#### **NEW INVESTOR PRESENTATION**

New investor presentation available on website

South Harz Potash Ltd (ASX:SHP, "SHP", "The Company") is pleased to is pleased to bring to general attention an updated corporate presentation. The presentation is also available on the Company's website: https://southharzpotash.com/investors/presentations/

This announcement has been approved by the Managing Director of South Harz Potash Limited.

On behalf of South Harz Potash Limited, Dr Chris Gilchrist, Managing Director

#### Investor & Media Enquiries

**Dr Chris Gilchrist** 

Managing Director South Harz Potash Ltd +353 87 687 9886; +61 451 367 630 cgilchrist@southharzpotash.com Nathan Ryan

Managing Director NWR Communications +61 420 582 887 nathan.ryan@nwrcommunications.com.au

**Justine James** 

Director Alma PR +44 203 405 0205 shp@almapr.co.uk

Frankfurt Code: A2DWXX



# Forward Looking and Competent Person Statement

This presentation has been prepared by South Harz Potash Limited ("South Harz Potash", "SHP", "The Company"). The information contained herein is a professional opinion only and is provided in good faith. Certain information has been derived from third party sources and, while SHP has no reason to believe that it is not accurate, reliable or complete, it has not been independently audited or verified by SHP. The presentation is in summary form and does not purport to be all-inclusive or complete. Recipients should conduct their own investigations and perform their own analyses in order to satisfy themselves as to the accuracy and completeness of the information, statements and opinions contained.

This is for information purposes only. Neither this nor the information contained constitutes an offer, invitation, solicitation or recommendation in relation to the purchase or sale of SHP securities in any jurisdiction. This does not constitute investment advice and has been prepared without taking into account the recipients' investment objectives, financial circumstances or particular needs and the opinions and recommendations contained in this presentation are not intended to represent recommendations of particular investments to particular persons. Recipients should seek professional advice when deciding if an investment is appropriate. All securities transactions involve risks which include (among others) the risk of adverse or unanticipated market, financial or political developments.

To the fullest extent permitted by law, SHP, its officers, employees, related bodies corporate, agents and advisors do not make any representation or warranty, express or implied, as to the currency, accuracy, reliability or completeness of any information, statements, opinions, estimates, forecasts or other representations contained in this presentation. No responsibility for any errors or omissions from this arising out of negligence or otherwise is accepted.

Any forward-looking statements included in this document involve subjective judgment and analysis and are subject to uncertainties, risks and contingencies, many of which are outside the control of, and may be unknown to SHP. In particular, they speak only as of the date of this document, they assume the success of SHP's strategies and they are subject to significant regulatory, business, competitive and economic uncertainties and risks. Actual future events may vary materially from the forward-looking statements and the assumptions on which the forward-looking statements are based. Recipients of this document are cautioned not to place undue reliance on such forward-looking statements.

Mrs Elizabeth de Klerk M.Sc., Pr.Sci.Nat., SAIMM., Managing Director and Senior Geologist of Micon International Company Limited (UK) has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which she is undertaking to qualify as a Competent Person as defined in the 2012 edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves". Mrs De Klerk consents to the inclusion in this document of the matters based on this information in the form and context in which it appears.

The information in this announcement which relates to the Mineral Resource Estimates for the Ebeleben, Mühlhausen-Keula, Mühlhausen-Nohra Elende, Küllstedt and Ohmgebirge Mining Licence areas, as set out in page 28 of this document, were compiled and generated by Mrs De Klerk under commission by SHP. Mrs De Klerk holds no shares in SHP.

## **About South Harz Potash**

Rights to a large potash resource in Western Europe Significant potential to unlock value of licences

Growing as a multi-component plant nutrient supplier

Well positioned to become the dominant European supplier of choice





Committed to delivering projects with premium ESG credentials

Benefitting the region in which we will operate

Will increase shareholder value

# Board with proven track record in delivering shareholder value

#### **Dr Chris Gilchrist - Managing Director**

- Highly experienced with over 35 years in the mining industry, Chris has built and managed large mining operations in Europe and Africa
- Focussed on potash mining, processing and marketing, including GM and Operations Director for Cleveland Potash, Non Executive Director of South Boulder (Danakali) and COO to Circum Minerals potash project (Ethiopia).

#### Ian Farmer - Non-Executive Chairman

• Highly experienced mining executive. Ian served as CEO of Lonmin for four years and in his 26 years at Lonmin and parent company Lonrho, he held various financial and strategic roles, including Chief Strategy Officer.

#### Dr Reinout Koopmans - Non-Executive Director

• Highly experienced with over 15 years in investment banking. Reinout was responsible globally for public equity raising for natural resources companies at Deutsche Bank, having also worked for Jefferies International and McKinsey & Co.

#### Rory Luff - Non-Executive Director

• Rory is the founder of BW Equities, a specialist Melbourne-based equities advisory firm and has over 15 years' experience in the financial services industry. Rory has spent most of his career in the financial markets advising resources companies.

#### **Hansjorg Plaggermars - Non-Executive Director**

• Hansjorg is an experienced company director with a deep knowledge of corporate finance, strategy and governance. He has served on numerous boards and has deep knowledge of corporate and capital markets in Europe.

#### Len Jubber - Non-Executive Director

• Len was Chief Executive of Bannerman Resources for eight years, having previously served as CEO of Perilya Ltd and COO of Oceana gold. With a mining career spanning more than 30 years, Len brings a wealth of technical, commercial and corporate experience.













## Highlights

Massive 5.3 billion tonne JORC resource containing 567 Mt potassium oxide (900 Mt potash) in South Harz Region\*

Three perpetual mining licences with no attaching rent or royalty conditions

Low targeted capex and opex, key infrastructure already in existence

Board commitment to premium ESG principles for sustainable and responsible potash production

Clear, fast-track path to production

Favourable regional government

Proximity to key markets, low logistic costs



©South Harz Potash Ltd \* ASX LR 5.23 Statement refer Slide 27

# Royalty-free, Perpetual Mining Licences

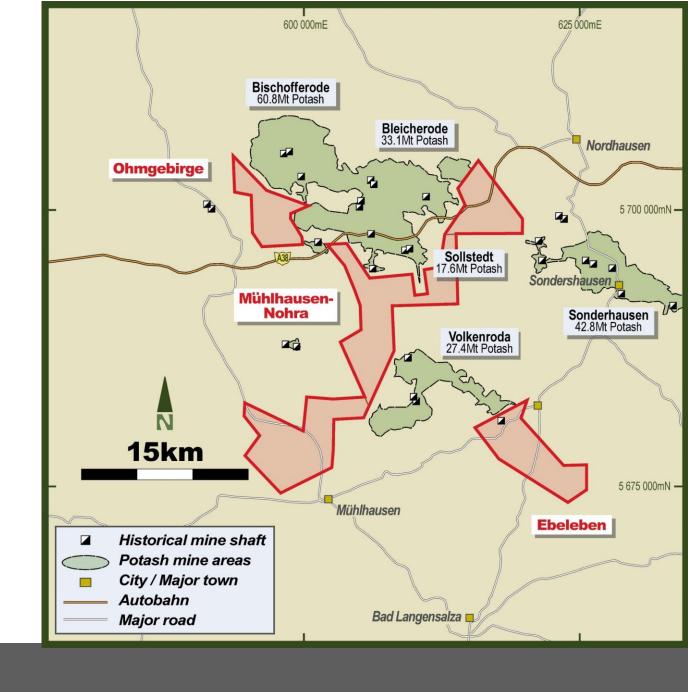
In 2017, South Harz Potash (SHP) bought three mining licences from the German Government.

The mining licence areas were extensively explored and SHP holds the results from over 300 drillholes in the area.

Prior to this the former mines were closed despite successful potash exploration.

The former GDR mines had been grossly over-manned and inefficient.

The former GDR mines and adjacent, explored properties were offered for sale, but were over-valued.

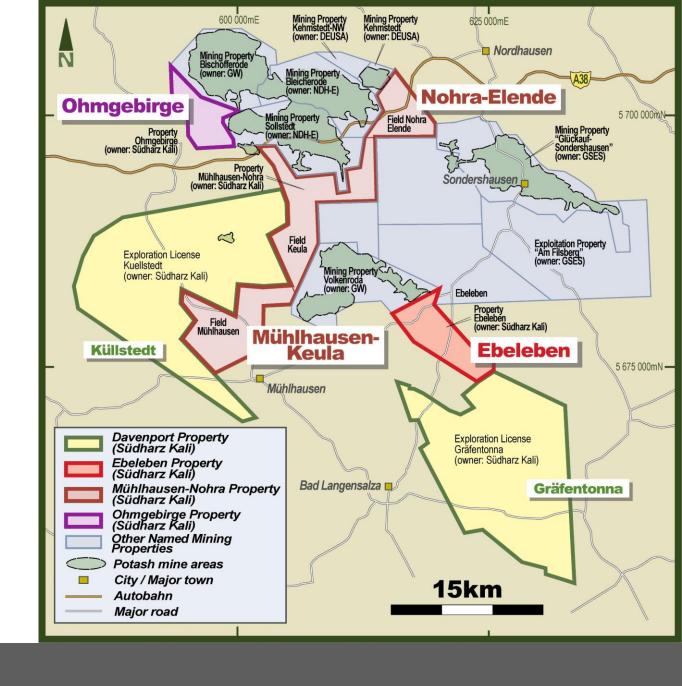


# Resource Conversion and Concept Studies

Total JORC Inferred resource 5.3 Billion tonnes @  $10.8\% \text{ K}_2\text{O}$  Concept studies completed for four potential projects :

- **Ohmgebirge** 261 Mt Sylvinite 42 Mt K<sub>2</sub>O
- Nohra-Elende 1700 Mt Sylvinite/Carnallite/Kieserite 164 Mt K<sub>2</sub>O
- **Mühlhausen-Küllstedt** 2668 Mt Sylvinite/Carnallite 290 Mt K<sub>2</sub>O
- **Ebeleben** 577 Mt Sylvinite/Carnallite 69 Mt K<sub>2</sub>O

Concept studies confirmed technical feasibility and indicated quantum of aspirational cost targets.





## **Ohmgebirge - The Starter Project**

#### **Key Facts**

Ohmgebirge scoping study supports potential for low-cost, low mining and processing risk, long-life project

Shallow depth of resource, access to bulk samples and proximity of infrastructure results in low capex requirements

High grade Sylvinite

Suitable for fast-track implementation

Availability of land reserved for industrial purposes

Highly successful regional media campaign completed Q1 2021 and local administration are supportive

#### **Drilling programme**

Drilling in summer 2021 with scoping study by year end

Drilling is specialised and requires a large derrick to support casing weight and drill string

Two drillholes will be sunk, each c 750 m deep

Cost of drillpad and drilling is cA\$2 m per hole

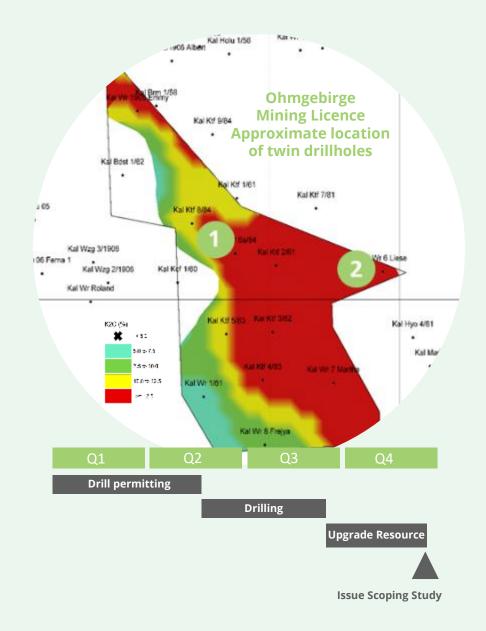
Each hole will be lined with steel casing to prevent water ingress, holes will be grouted after core withdrawal

Core will be crushed and submitted to two independent assay laboratories

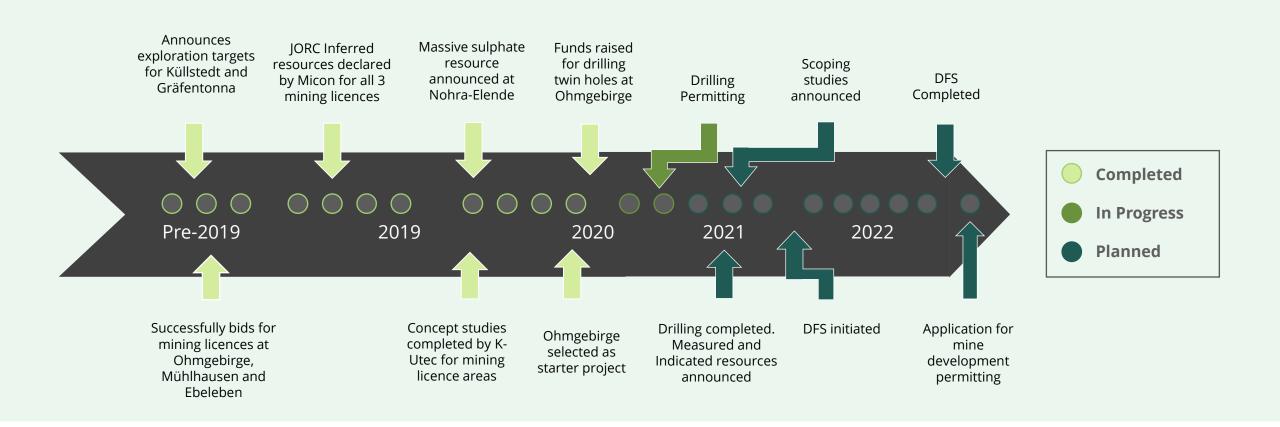
SHP intends to prepare Ohmgebirge this year for DFS in 2022

## **2021 Development Programme**

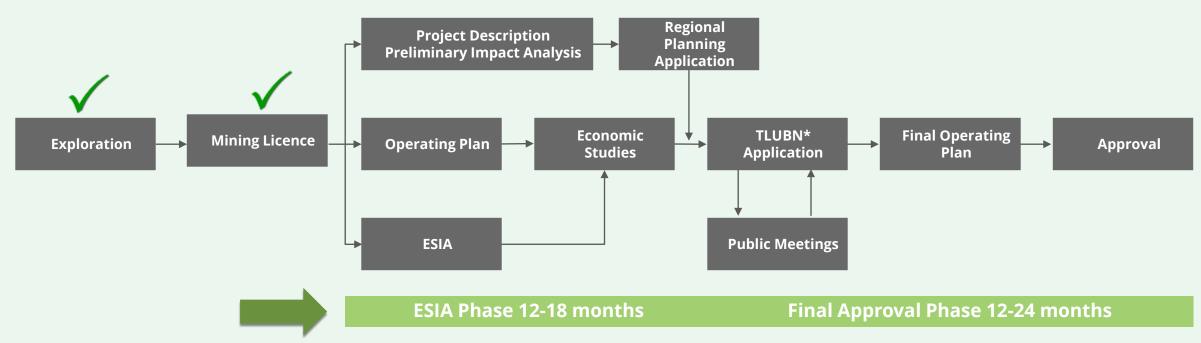
	As of end-March 2021
Conduct media information campaign	<b>√</b>
Engage landowners at drill sites	<b>✓</b>
Finalise detailed drilling plans	<b>√</b>
Submit application for drill permission	<b>✓</b>
Obtain permission and mobilise drillers	
Analyse drill core, re-model resource	
Announce upgraded resource statement	
Announce scoping study	



# SHP's Path to DFS - Ohmgebirge Project



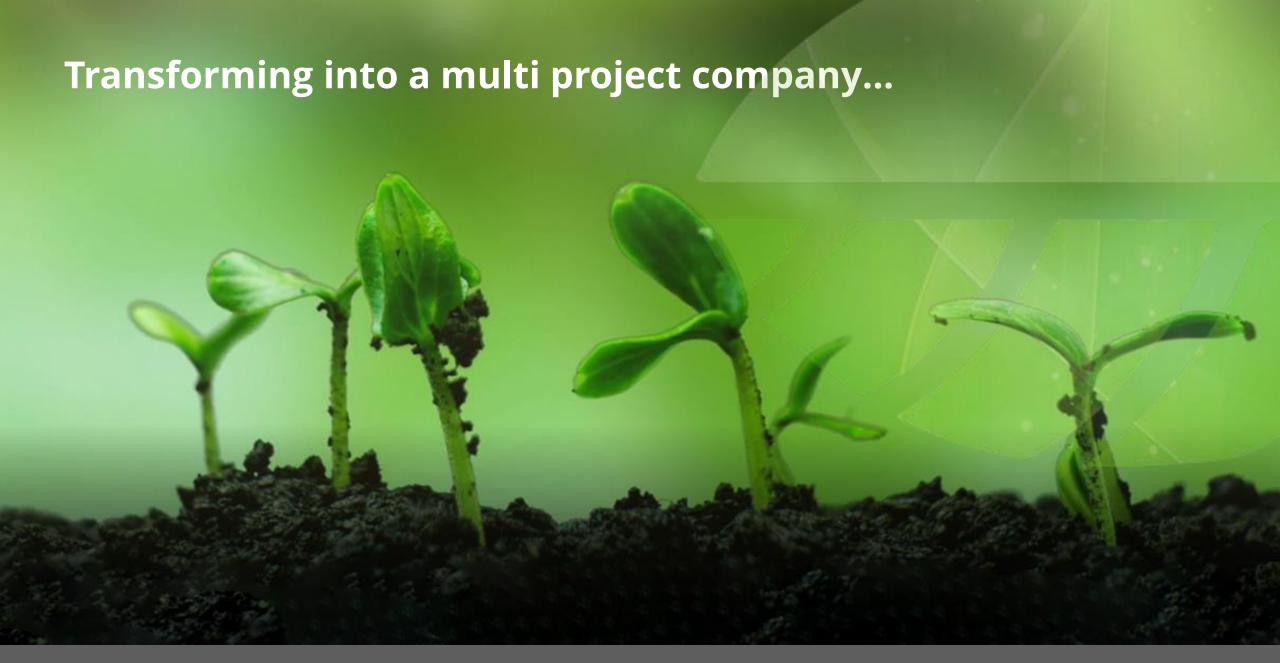
## **Fast Track to Permitting**



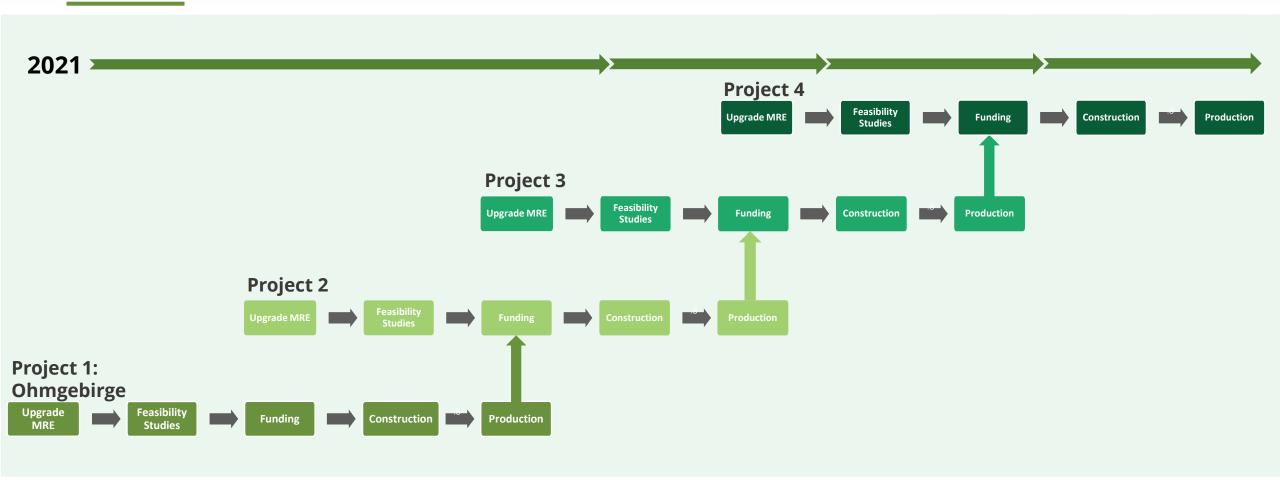
\*Thüringer Landesamt für Umwelt, Bergbau und Naturschutz

With perpetual mining licences already secured, SHP enters the process at an advanced stage. Permitting process runs in parallel with other project activities.

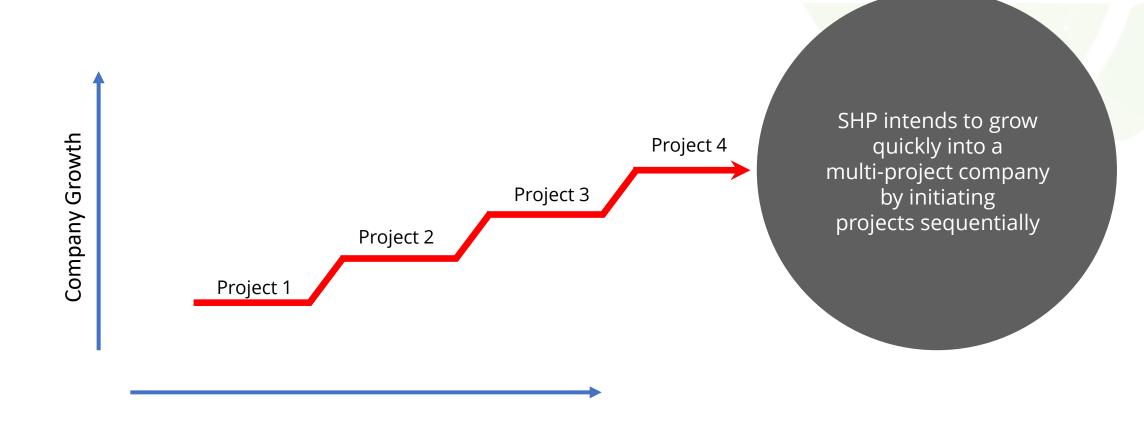
Unlike historical practice in Germany, SHP will not create "salt mountains" nor will it dispose salt-laden brines into local water courses. All tailings will be backfilled into the underground mine.



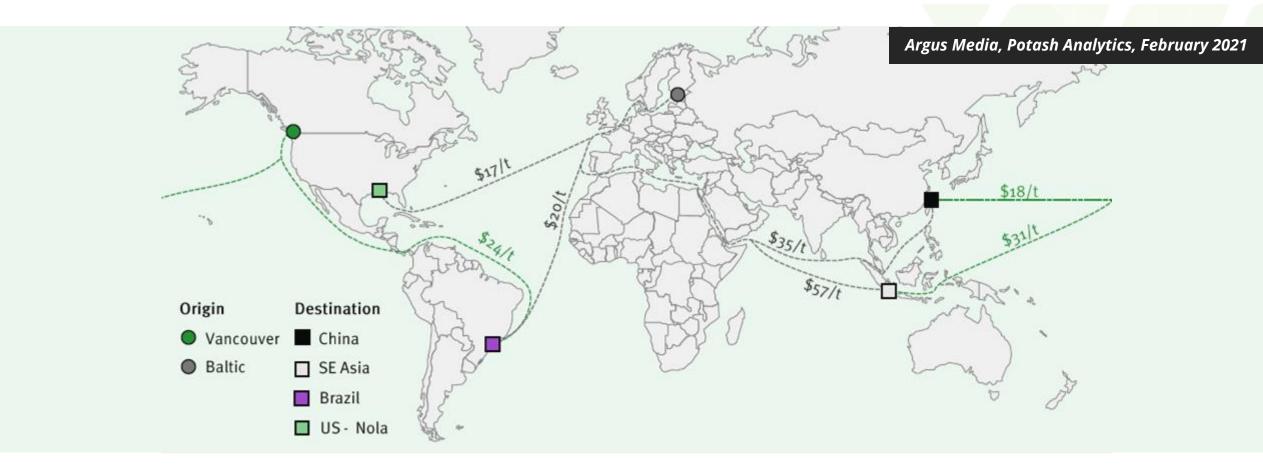
## Creating Further Value Within the South Harz Potash Field



## **South Harz Potash Field**



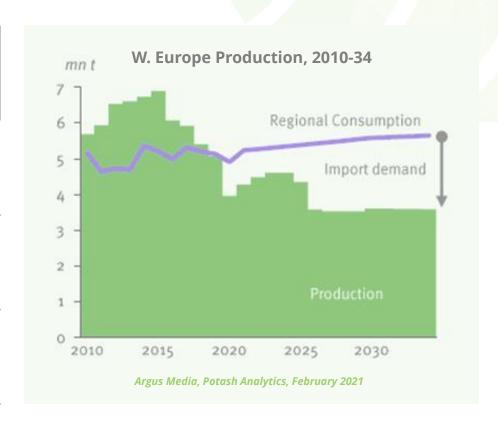
## Logistic Routes for Vancouver and Baltic Exports



Future potash sales will rely increasingly on local sources, bringing a low cost and superior ESG credentials.

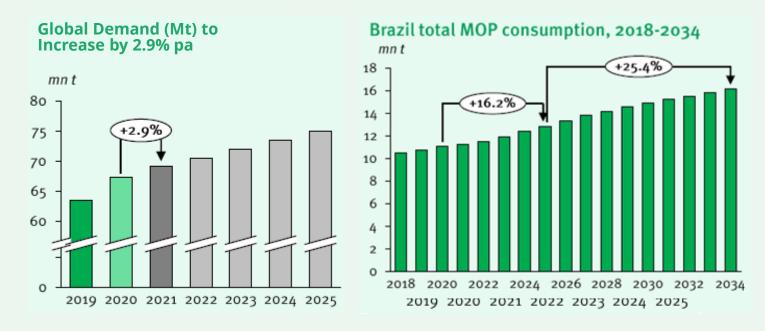
# Potential for a New European Supplier

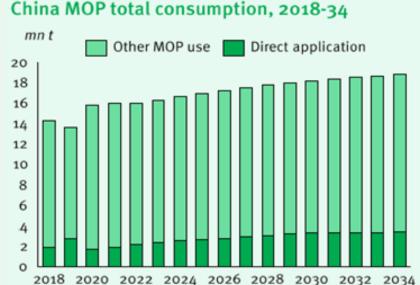
ORIGIN	KM RAIL	KG CO2 PER T-KM*	KM SEA FREIGHT	KG CO2 PER T-KM*	KM ROAD FREIGHT	KG CO2 PER T-KM*	TOTAL KG CO2/T
Saskatchewan	1500	0.005	19000	0.014	100	0.064	280
Perm (Urals)	2300	0.005	3200	0.014	100	0.064	63
South Harz	260	0.005	0	0.014	100	0.064	8



Gap between Demand and Production is growing. Europe will need new capacity, but with a strong ESG presence.

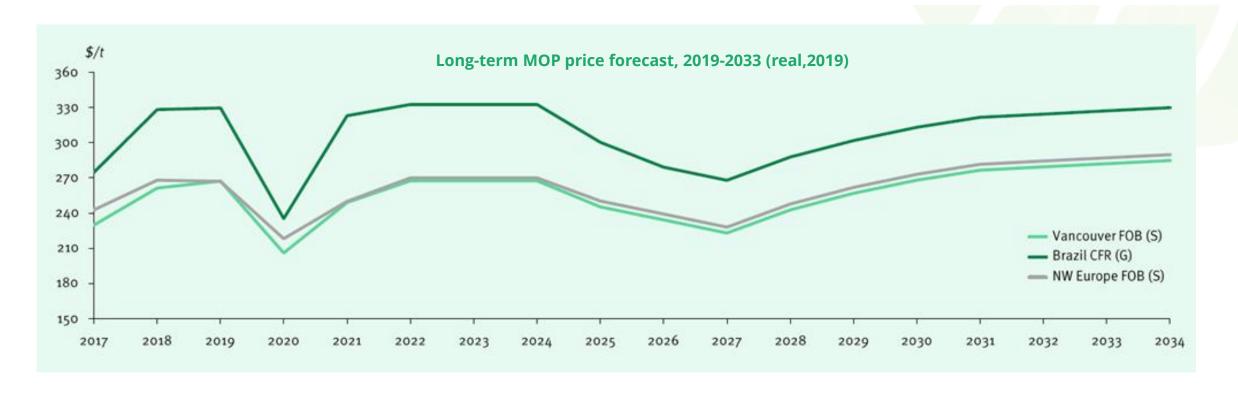
## Robust Volume Forecast Demand - Market Growth Expected





Demand driven by China and Brazil. Dramatic crop price increases in 2021, bullish for potash demand. Soya index +76%, Corn index +72%. Long term prices \$260-\$320 predicted

### **Market Price Forecast**



Prices to recover in 2021 \$270-\$330 / tonne as post-COVID food security is prioritised. Short-term price dip forecast in 2027 if new proposed projects come to fruition

Low cost producers are often located remotely, adding to logistic costs and high delivery carbon footprint.



## **Vision and Core Values**

#### **Our Corporate Vision**

Embrace the highest ESG standards

Become the European potash supplier of choice

Understand and uphold stakeholder interests



#### **Vision and Core Values**

Respect for the environment and safety

Integrity and transparency in all transactions

Delivery of corporate goals to meet shareholder expectations

Nurture and develop our staff

## **SHP – A Compelling Investment Case**



Tier One potential in historic potash region



5.3Bt JORC Resources supports long-life projects



Experienced management team. Key staff based in Europe



Regional government supportive of job creation projects



Close proximity to European markets with lowest carbon supply capability



Low-risk jurisdiction in Germany

market fundamentals management continue to strengthen staff based

Potash MOP/SOP

The SHP strategy presents a compelling investment opportunity as the growing world population demands an increasing amount of high-quality food products.





# **Corporate Snapshot**

South Harz Potash				
ASX Code	SHP			
Market Capitalisation	A\$42.3m			
Last Share Price	0.100			
Shares on Issue	423,498,780			
Listed Options	46,175,789			
Cash at 31 March 21	A\$8,819,040			

Substantial Shareholders				
Delphi Unternehmensberatung Aktiengesellschaft	8.41%			
Rory Luff	7.67%			
Merchant Funds Management Pty Ltd	6.86%			
Lions Bay Capital Inc	5.15%			



### **FURTHER INFORMATION**

In accordance with ASX Listing Rule 5.23, the Company is not aware of any new information or data that materially affects the information included in the previous market announcements:

Ohmgebirge: ASX announcement 23 December 2019

Nohra-Elende: ASX announcements 13 November 2018 and 23 September 2020

Mühlhausen-Keula: ASX announcement 16 October 2018

Ebeleben: ASX announcement 3 April 2018



## **Potassium: One of the Three Primary Nutrients**

 $\mathbb{N}$ 

#### Nitrogen

- Promotes protein formation
- Determines plant's growth, vigour, colour and yield

P

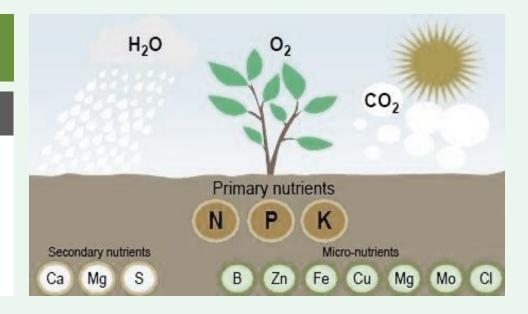
#### Phosphate (P)

- Plays a key role in adequate root development and photosynthesis process
- Helps plants resist drought

K

#### Potash (K)

 Improves plant's durability and resistance to drought, disease, weeds, parasites and cold weather



Each nutrient plays its own role, but only together they ensure a balanced nourishment and cannot replace each other.

## TOTAL JORC INFERRED RESOURCES

HORIZON	TONNAGE (MT)	K <sub>2</sub> O %	K <sub>2</sub> O (MT)				
EBELEBEN							
Sylvinite	324	15.6	50				
Carnallitite	253	7.5	19				
MŰHLHAUSEN KEULA	MŰHLHAUSEN KEULA						
Sylvinite	834	12.1	101				
Carnallitite	296	8.2	24				
MŰHLHAUSEN NOHRA-ELEND	MŰHLHAUSEN NOHRA-ELENDE						
Sylvinite	101	14.2	14				
Carnallitite	1,597	9.4	150				
KŰLLSTEDT							
Sylvinite	333	13.0	43				
Carnallitite	1,205	10.1	122				
OHMGEBIRGE							
Sylvinite	261	14.0	36				
Carnallitite	64	9.8	6				
TOTAL JORC INFERRED	5,268	10.8	567				

In accordance with ASX Listing Rule 5.23, the Company is not aware of any new information or data that materially affects the information included in the previous market announcements