



SOUTH HARZ POTASH LTD.

Building a world-class
potash business

ASX:SHP

May 2022



Disclaimer

Forward looking and Competent Person's statements

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 the Appendix to this document, were compiled and generated by Mrs De Klerk under commission by SHP. Mrs De Klerk holds no shares in SHP.

South Harz Potash



Building a world-class potash business in Germany

A PROJECT OF
**SIGNIFICANT
QUALITY
AND SCALE**

5.3  **Bt**

OF JORC INFERRED
MINERAL RESOURCE¹

567 Mt
CONTAINED K₂O
AT SHALLOW
DEPTH ACROSS
659 km²
IN THE HISTORIC HEART OF POTASH COUNTRY



3 PERPETUAL
MINING
LICENCES

2 EXPLORATION
LICENCES



TARGETING SECTOR LOW EMISSIONS
AND COMMITTED TO MINIMISING
PRODUCTION IMPACT

ENVIRONMENTALLY RESPONSIBLE

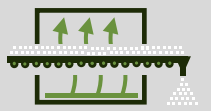
SIMPLE MINERAL EXTRACTION PROCESS



CONVENTIONAL
MINING & CRUSHING

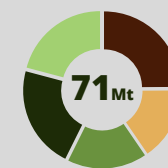


DISSOLVING AND
CLARIFYING

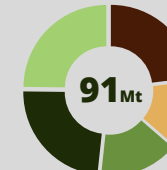


CRYSTALLISATION
& DRYING

SUPPLYING A LARGE, GROWING MOP MARKET²



DEMAND 2022



DEMAND 2036

■ Northeast Asia
■ Europe, Russia and Central Asia
■ North America
■ Latin America
■ Other



IN A HIGHLY ATTRACTIVE LOCATION



DEEP REGIONAL
KNOWLEDGE



SAFE, STABLE
JURISDICTION



DEVELOPED
INFRASTRUCTURE

Note:

1. Refer to Appendix for details, the Company is not aware of any new information or data that materially affects the information included in the previous market announcements

2. Source: Argus Potash Analytics, February 2022

Prices at decade-long highs

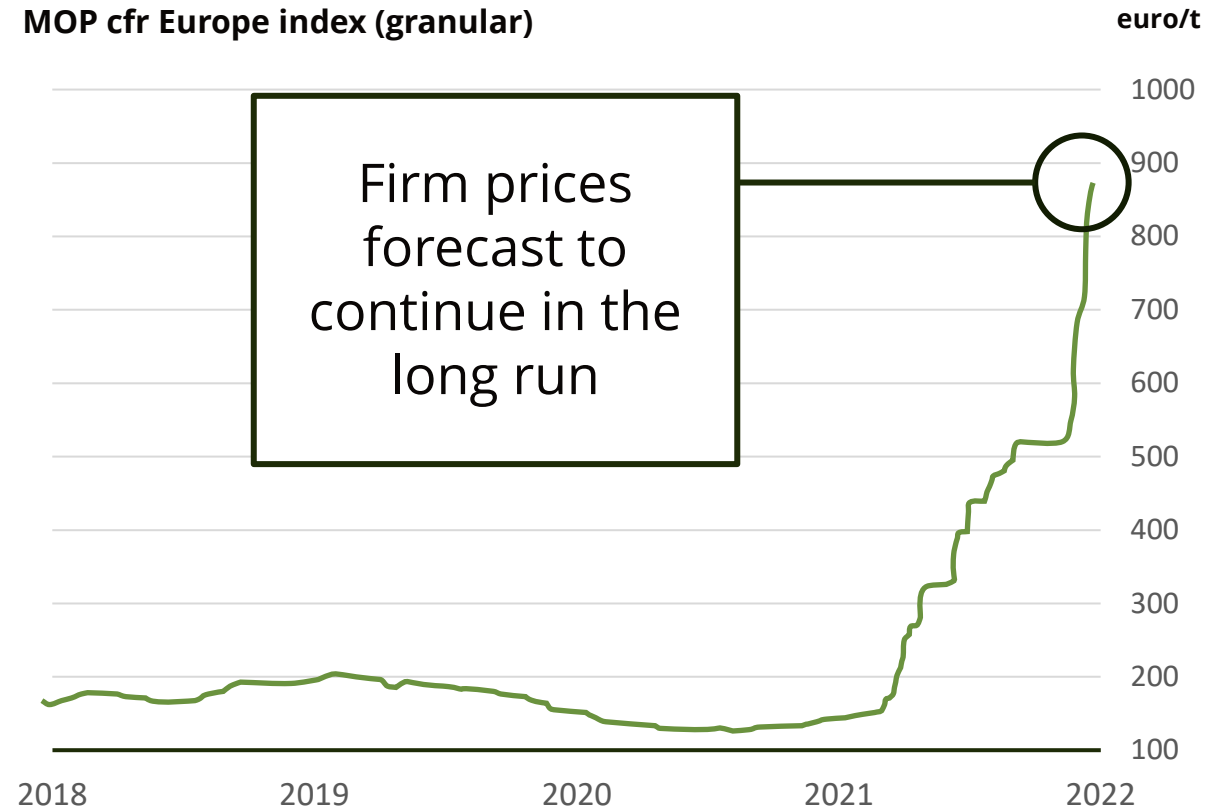
Underpinned by strong global demand and opaque supply dynamics

GLOBAL MOP PRICING ESCALATING SHARPLY

- High demand in Brazil and the US show little signs of slowing down
- Spot sales for June/July loading are taking place at US\$950 - 1,000/t, with contractual sales at US\$590/t
- Geopolitics will slow Russian growth and bifurcate sales; East will go east, and West will go west
- Higher European prices continue to be supported by strong crop prices and sanctions
- Food security and security of supply concerns likely to prevail

Source: Argus Potash Analytics, 2022

MOP cfr Europe index (granular)



Board of directors

Lead by a board with deep mineral knowledge and experience



Ian Farmer
Executive
Chairman

- Executive with deep experience across a range of mining businesses
- 26 years experience at Lonrho and subsidiary companies in financial and strategic roles
- Previously CEO of Lonmin



Dr Reinout Koopmans
Non-Executive
Director

- Highly experienced with over 15 years in investment banking.
- Previously responsible for global public equity raising for natural resources companies at Deutsche Bank
- Additional experience with Jefferies International and McKinsey & Co.



Rory Luff
Non-Executive
Director

- Founder of BW Equities, a specialist Melbourne-based equities advisory
- Over 15 years' experience in the financial services industry
- Majority of career in the financial markets advising resources companies



Hansjorg Plaggermars
Non-Executive
Director

- Experienced company director with a deep knowledge of corporate finance, strategy and governance
- Previously served on numerous boards and with significant European corporate and capital markets knowledge



Len Jubber
Non-Executive
Director

- Served as Chief Executive of Bannerman Resources for 8 years
- Previously CEO of Perilya and COO of Oceana gold
- A mining career spanning more than 30 years, bringing a wealth of technical, commercial and corporate experience

Management team

Driven by an international team of industry professionals



Ian Farmer
Executive
Chairman

- Executive with deep experience across a range of mining businesses
- 26 years experience at Lonrho and subsidiary companies in financial and strategic roles
- Previously CEO of Lonmin



Jason Wilkinson
Chief Operating
Officer

- Mining and exploration professional with 25 years experience across a range of commodities
- Previously in-country MD for Allana Potash Corp based in Ethiopia responsible for the exploration drill-out and feasibility study work



Andrew Robertson
Chief Financial
Officer

- Experienced Chief Financial Officer with broad experience across listed and unlisted entities
- Previous CFO positions include Ecometals Limited, African Eagle PLC, White Tiger Gold and Maple Minerals (Canada)



Dr Babette Winter
Regional Manager
Thüringia, Germany

- Established environment, community and stakeholder management professional
- Previously, Head of Environmental Policy Department within the Ministry for Agriculture, Forestry, the Environment and Nature Conservation in Thüringia and Member of the European Parliament

Corporate snapshot

ASX | SHP



**MARKET
CAPITALISATION^{1,2}**

A\$80M

**SHARES ON
ISSUE²**

532M

**CASH
POSITION³**

A\$10M

**SHARE PRICE
A\$/SHARE¹**

A\$0.15

**MAJOR
SHAREHOLDERS⁴**

A\$/share

\$0.25

\$0.20

\$0.15

\$0.10

\$0.05

\$0.00

Jan 2021

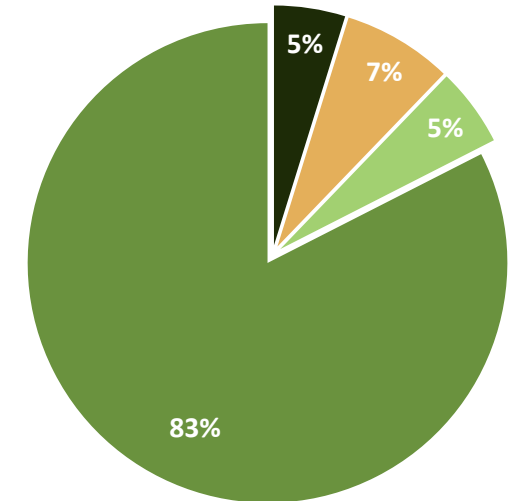
Apr 2021

Jul 2021

Oct 2021

Jan 2022

Apr 2022



- Delphi Unternehmensberatung Aktiengesellschaft
- Board and Management
- Merchant Funds Management
- Other

1. ASX closing price on 20 May 2022

2. SOI represents 531,628,621 ordinary fully paid shares. In addition, approximately 101M options remain on issue with various strike prices and expiries.

3. Cash position of A\$10.2M at 31 March 2022

4. Register details as at 5 May 2022



KEY ASSET DYNAMICS

A compelling opportunity



**SOUTH
HARZ
POTASH** LTD.

An extensive portfolio

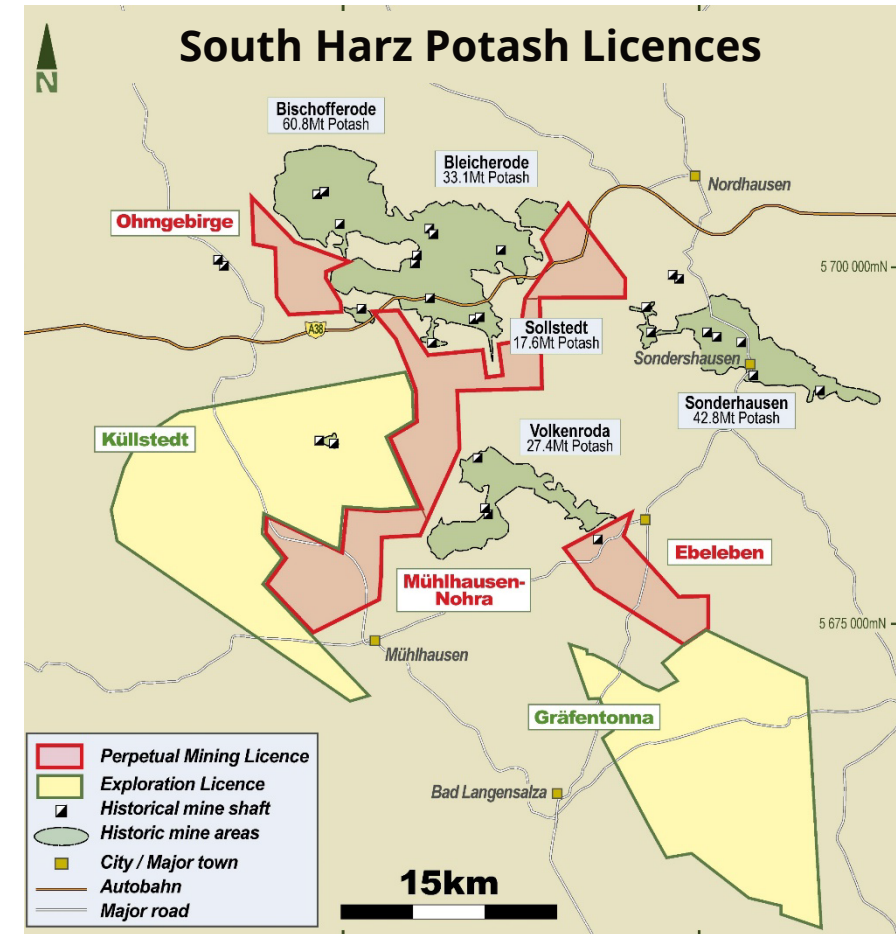
High-quality, highly-endowed mining and exploration licences

EASILY WESTERN EUROPE'S MOST
SIGNIFICANT POTASH
RESOURCE 5.3_{Bt} FOR 567_{Mt} K₂O
3 PERPETUAL MINING LICENCES 2 EXPLORATION LICENCES

- Assets historically part of the East German state
- Purchased via tender from the German Government in 2017
- Licences granted in perpetuity and unencumbered by royalties or rents
- Extensive historical exploration undertaken
- South Harz Potash has results from >300 historical drill holes
- Elevation to Indicated Resource targeted upon completion of confirmatory drilling



Resource expected to support extremely long-life projects



A premier asset profile

Highly conventional asset base

OUR ASSETS AND RESOURCE ARE **STRONG IN ALL FACETS**

- Shallow starting depth creates a substantial natural capital and operating cost advantage
- Combined with quality geology and mineralogy
- Competitive grade profile versus global MOP development projects
- Proximal to national infrastructure, with road and rail approximately 1km away

 **Attractive combination of depth, scale and location**



THICK MINERALISATION



SHALLOW DEPTH



HIGHLY CONSISTENT GEOLOGY



LOCATED WITHIN KEY TARGET MARKET



COMPETITIVE GRADE

A world-class scale

Delivering substantial real option value





GROWING INTO A TOP TIER ASSET

TARGETING EUROPEAN MARKETS

- To be organically grown, with potential expansionary development to leverage
- Short distance to key European market and export ports = very low logistics costs
- European focus, complementary to (rather than in competition with) BHP's Jansen supply

Source: Publicly available company data retrieved from <https://www.bhp.com/what-we-do/global-locations/canada-jansen-potash-project> on 10 October 2021

Operator	 SOUTH HARZ POTASH	 BHP
Ownership	100%	100%
Country	Germany	Canada
Project	South Harz	Jansen
Status	Scoping	DFS
Resource (Mt)	5,268	6,510
Measured : Indicated : Inferred (ratio)	0 : 0 : 100	80 : 0 : 20
K ₂ O (Mt)	567	1,667
Mine type	Conventional UG	Conventional UG
Overland distance to target markets and/or export port	260 km	1,500 km
Target markets	Europe and South America	Americas, India and Asia

A highly attractive location

Within the central German state of Thuringia

THE HISTORIC HEART OF

POTASH COUNTRY

CONTINUOUS
PRODUCTION
OF POTASSIUM
SALTS SINCE

1861¹



 **Positioned to become European MOP supplier of choice**

Note:

1. Carnallite processing by simple cold leaching technology started in 1861 in the North Harz district of Central Germany

DEEP REGIONAL POTASH MINING & PROCESSING KNOWLEDGE



- Home to an engaged, skilled workforce
- Exploration and development supplies locally available
- Headquarters of K + S, ERCOSPLAN and K-UTEC

SAFE, STABLE JURISDICTION



- Supportive regional government, pro job creation
- Stable politically and economically
- Europe's largest, and the world's 4th largest economy

MODERN, EXISTING INFRASTRUCTURE



- State and federal roads connecting to federal motorways
- Regional and trans-regional railway networks
- Easy access to key markets with low logistic costs

A highly attractive location

Positioned to capitalise on freight advantages

FUTURE POTASH SALES

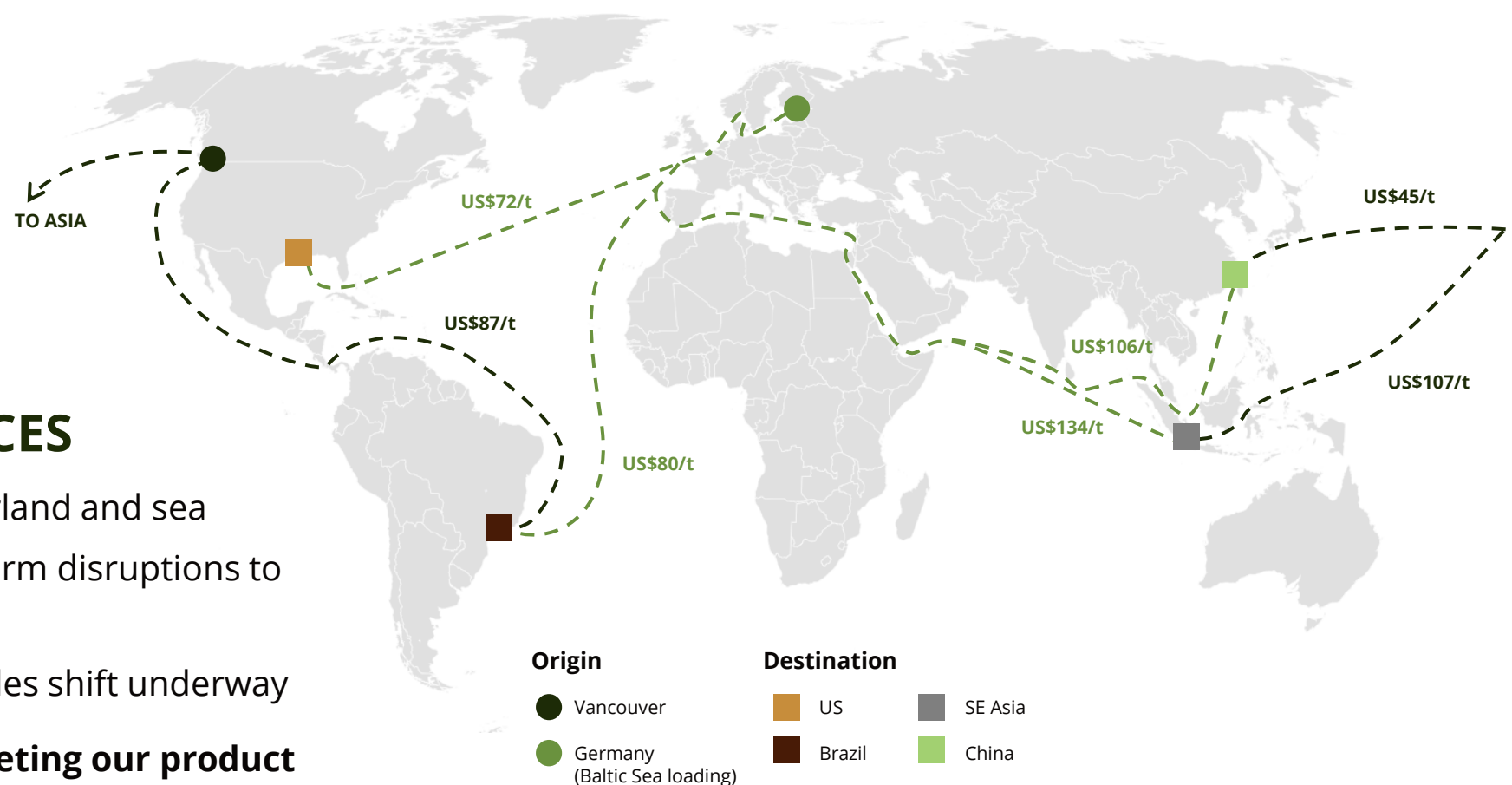
WILL INCREASINGLY RELY ON LOCAL SOURCES

- Lower delivered cost – both overland and sea
- Geopolitically driven, medium-term disruptions to traditional fertiliser trade routes
- West to west and east to east sales shift underway

 **A clear advantage when marketing our product**

Source: Argus, Freight Watch, 5 May 2022 (mid market)

Note: Numbers reflect sea freight costs only and do not include South Harz's typically vastly superior cost of transport to port



A large, growing market

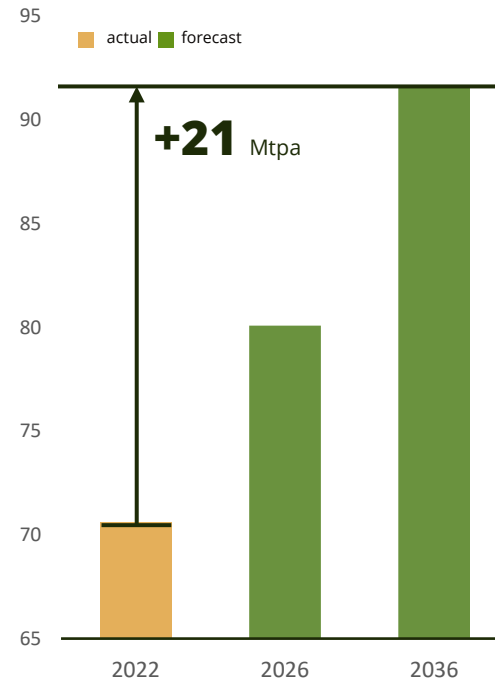
Targeting MOP demand in Europe and Latin America

OUR MINERAL DEPOSIT IS SET TO PRODUCE

MOP

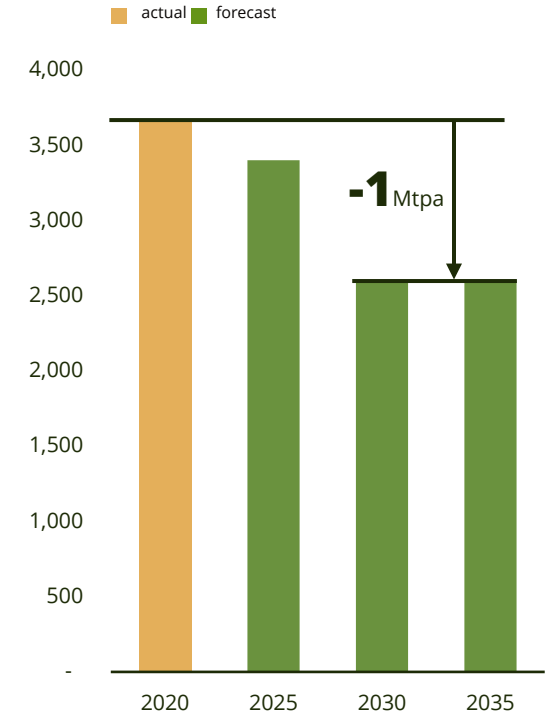
- Muriate of Potash (**MOP**) is the most economic source of essential potassium nutrients
- Demand drivers (population growth and dietary change) are reliable and progressive
- European demand growth; expected K+S German production decline and Belorussian sanctions will create a gap in this market
- Recent significant price re-rating in global MOP markets; buyer imbalance recognition

Global MOP demand forecast 2036 (Mtpa)



**30% DEMAND
GROWTH**

German MOP production forecast (ktpa)



**LOCAL SUPPLY
FALLING**

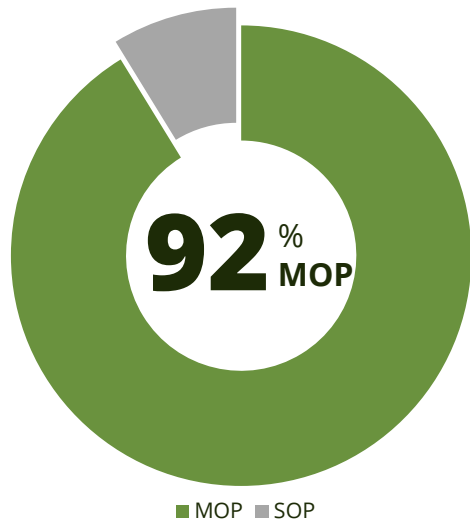
Source: Argus Potash Analysis November 2021 (German MOP production) and Argus Potash Analytics February 2022 (Global MOP demand forecast)

A large, growing market

Current supply tightness and agricultural demand are driving multi-year highs

MOP vs SOP

**GLOBAL POTASH DEMAND
IS DOMINATED BY MOP**



Source: Argus Potash Analysis, 2021

MURIATE OF POTASH

MOP

60% K₂O EQUIVALENT

- Potassium chloride
- **Large, well structured global market**
- Current global market of **~70 Mt pa**
- **Extensively applied** to a wide range of crop segments, including, soya, rice, wheat, barley etc
- Market is supplied predominately by **Canada, Russia and Belarus**
- **Simple mineral extraction and production**
- **Low** relative operational **expenditure**
- Most **cost-effective** form of granulated potassium fertiliser

SULPHATE OF POTASH

SOP

52% K₂O EQUIVALENT

- Potassium sulphate
- **Sensitive, fragile market** dynamics
- Current global market of **~7 Mt pa**
- **Niche market** for chlorine-sensitive crops, tobacco, oranges, avocado
- Market is dominated by the **Chinese**
- Production from natural brine lakes and **via MOP conversion (Mannheim process)**
- **Complex brine chemistry**, controlled stage-wise evaporations in multiple pond layouts
- **Expensive**

A responsible producer

Set to deliver an environmentally friendly fertiliser product¹

TARGETING SECTOR

LOW EMISSIONS

AND COMMITTED TO MINIMISING PRODUCTION IMPACT



- Underground extraction results in less surface disturbance for low impact mining
- Proposed processing methods utilising MgCl_2 brine to return insoluble tailings into historic mine voids
- Targeting locally sourced renewable energy supply; Germany set to decarbonise its electrical grid by 2035²
- Proximity and rapid access to target markets = low freight-related CO_2 supply impacts vs competitors in Canada and eastern Europe

Ohm-02 drill hole site progressive rehabilitation



**LOW IMPACT
CONFIRMATORY
EXPLORATION**

**COMMITTED TO
RAPID
ENVIRONMENTAL
REHABILITATION**

 **Potash is a low emission, biosphere friendly fertiliser**

Note:

1. McKay, Dr Huw and Burnside, Dr Paul 17 June 2021, "Potash outlook and fundamentals 101" retrieved from <https://www.bhp.com/investors/presentations-events/presentations-and-briefings> 10 October 21
2. Retrieved from <https://www.euractiv.com/section/energy/opinion/germany-leads-europe-with-target-to-reach-100-clean-power-by-2035/> 10 May 2022

A wide-angle photograph of a vast sunflower field at sunset. The sun is a bright, glowing orb on the horizon, casting a warm, golden light across the sky and the field. The sunflowers are in full bloom, their yellow petals and dark brown centers clearly visible. The field stretches out to the horizon, with the sunflowers appearing to recede into the distance. The overall mood is peaceful and hopeful.

ROBUST DEVELOPMENT STRATEGY

Advancing rapidly



**SOUTH
HARZ
POTASH** LTD.

The starting base

Unlocking the significant value in our assets

CONCEPT STUDIES COMPLETED ACROSS ALL MINING LICENCES

4 POTENTIAL PROJECT AREAS IDENTIFIED

OHMGEBIRGE IDENTIFIED AS A STANDOUT STARTER PROJECT



MINING LICENCE	PROJECT	INFERRED RESOURCE
Ohmgebirge	O	261 Mt Sylvinite (42 Mt K ₂ O)
Muhlausen–Nohra (North)	M-N North	1,700 Mt Sylvinite/Carnallite/Kieserite (164 Mt K ₂ O)
Muhlausen–Nohra (South)	M-N South	2,668 Mt Sylvinite/Carnallite (290 Mt K ₂ O)
Ebeleben	E	577 Mt Sylvinite/Carnallite (69 Mt K ₂ O)

OHMGEBIRGE: A NATURAL SELECTION

- Relatively **high Sylvinite content** for production of high-quality MOP
- Expected **low capital intensity**
- Access to **proximate infrastructure** (power, water gas, etc)
- Existing **nearby mine workings** remain open, nearest tunnel only **350m from Ohmgebirge** licence boundary
- **Operational workings within 300m of Resource** will be utilised for additional bulk sampling
- Proximity to derelict industrial land **far from residential areas**; potential to accelerate the permitting process
- **Large voids available for tailings disposal** from historical mining activities





The project definition

Resource upgrade drilling and Scoping Study

SYSTEMATICALLY ADVANCING THE SOUTH HARZ PROJECT



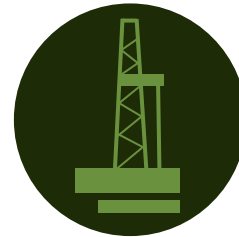
- All required approvals and permits successfully secured for two confirmatory drillholes at the Ohmgebirge Project
- Assay results from first drillhole (OHM-02) return a total apparent thickness of **11m with average grading 14.4% K₂O**
- Targeted to upgrade substantial part of Ohmgebirge Project resources to Indicated status in early Q3 2022
- Scoping Study completion scheduled for Q3 2022
- Rapid targeted transition to Feasibility Study on Ohmgebirge
- Potential for similar upgrade drilling programs across other three projects

ACTIVITY (CALENDAR YEAR)	Q421	Q122	Q222	Q322	Beyond
Ohmgebirge resource elevation					
Confirmatory drill permitting	✓				
Drilling program		✓	X		
Core analysis/evaluation			X		
Planned Mineral Resource upgrade					X
Ohmgebirge Project advancement					
Scoping Study					X
Strategic project analysis					X
Feasibility Study					
ESIA					

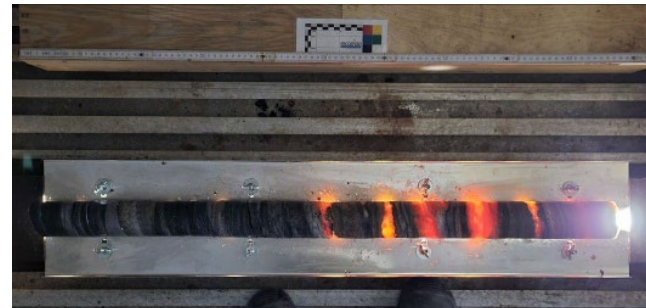
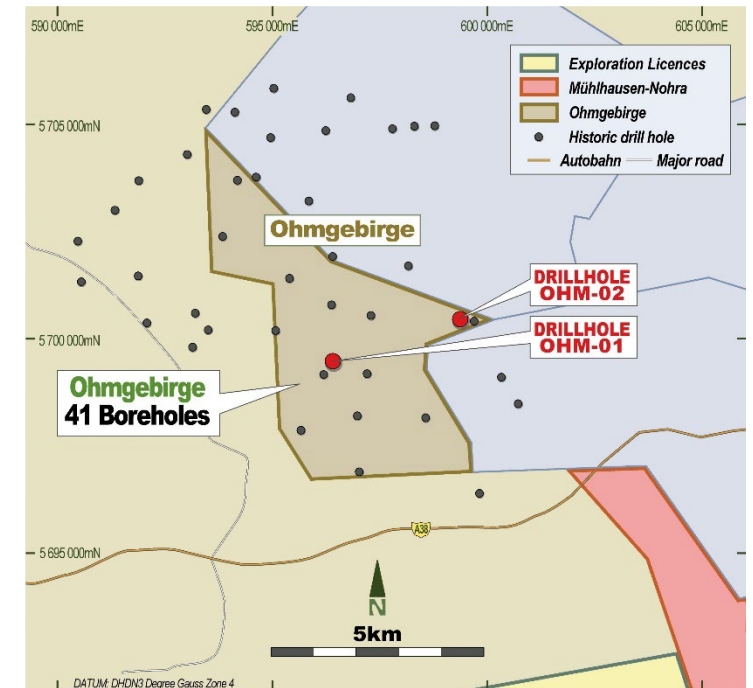
Confirmatory drilling

Twin Ohmgebirge drillhole program nearing completion

TARGETING UPGRADED RESOURCE CLASSIFICATION AT OHMGEBIRGE



- First hole (OHM-02) assays returned **11m @ 14.4% K₂O**, including **4m @ 19.7% K₂O**
- Results correlate well with twinned historical hole; starting depth and grade
- Substantiates confidence in accuracy of 41 historical drill holes at Ohmgebirge
- Drilling operations at second hole (OHM-01) approaching completion
- Results to inform targeted Mineral Resource estimate update and Scoping Study completion in Q3 2022



	From (m)	To (m)	Apparent thickness (m)	True thickness (m)	K ₂ O wt. avg %
Mineralised section	651.53	662.51	10.98	7.51	14.44
Kieseritic Hartsalz	651.53	654.43	2.90	2.05	12.62
Anhydritic Hartsalz	654.43	658.46	4.03	2.85	19.69
Carnallitic Sylvinit	658.46	662.51	4.05	2.60	10.51

The low-risk path to production

Attractive project development and financing attributes

- Clearly defined evaluation, funding and development phases
- Outstanding asset domicile – first world, historic mining region and pro development government focus
- Strongly differentiable from permitting challenges faced in other western European jurisdictions (e.g. Spain)
 - Thuringian local approval only (no Federal level permits required)
 - Historic mining centre with indications of strong political and social support for new mining activity
 - Permitting preparations can coincide with advancement of Feasibility Study work
 - Applications to be compiled in consultation with Thuringian State office for the Environment and Geology to improve efficiency of processing evaluation
- General appetite of European development banks to drive financing of new agriculture and fertiliser projects
- Expected relative low capital intensity of development – shallow depth, established integrated infrastructure
- Fundamentally different and substantially lower project execution risks from Australian SOP developments



EVALUATION

- Detailed initial scoping work complete
- Ohmgebirge identified as a standout starter project
- Encouraging results pointing to fast, low-cost production potential



FUNDING

- Anticipated to generate strong interest from development funds
- Modular growth = funding advantages

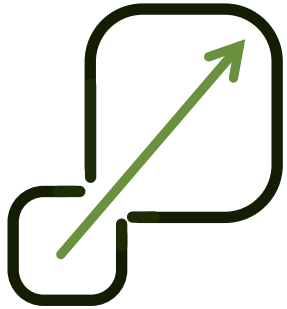


DEVELOPMENT

- Fast track development
- Simple, well understood extraction and processing
- Focus on leveraging extensive, local salt technology IP

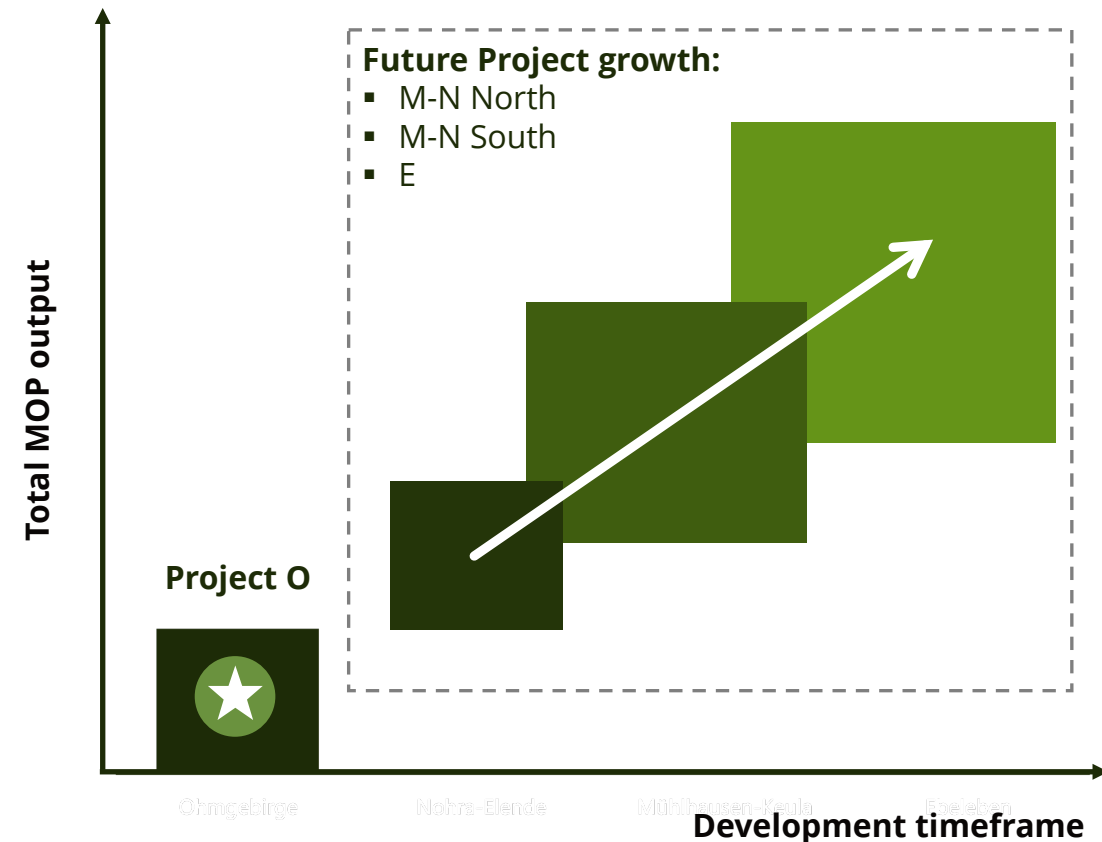
The long-term potential

High scalability and flexibility of development approach



ABILITY TO GROW IN A MODULAR, CAPITAL EFFICIENT FASHION

- A key differentiating feature of our asset profile
- Provides capital efficiency
- Lower-risk approach
- Growth timed to match market demand
- Substantial in-situ leverage and real option value
- Ensures relevance, corporate appeal and maximisation of long term cost competitiveness





PREMIER POTASH EXPOSURE

Set to deliver



**SOUTH
HARZ
POTASH** LTD.

South Harz Potash

A compelling investment proposition



5.3
billion
tonnes

LARGE-SCALE MINERAL RESOURCE

- 5.3 Bt for 567 Mt contained K₂O
- Expected to support extremely long life projects
- Comparability to BHP's Jansen
- Huge scalability and real option value



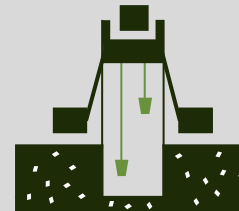
CONVENTIONAL GEOLOGY

- Mineralisation at shallow depth
- Thick ore body with consistent mineralisation
- Expected low capital intensity of development



ENVIRONMENTALLY ATTRACTIVE

- An environmentally attractive fertiliser product
- Demonstrated social responsibility – immediate drill site rehabilitation complete
- Expected low relative emissions and delivery footprint



SIMPLE MINERAL EXTRACTION

- A simple, well understood mineral extraction process
- Sharply differentiable from SOP development risk



A LARGE GROWING MARKET

- Delivering needed local, secure, baseload MOP capacity for Europe – a supplier of choice
- Shift towards west to west and east to east sales flow
- Direct leverage to a defining mega-trend – food security



A HIGHLY ATTRACTIVE LOCATION

- Located in a safe, stable, pro-development region
- Strong social and political backing for regional mining
- Deep potash mining history, skilled labour and modern, integrated infrastructure

APPENDIX



**SOUTH
HARZ
POTASH** LTD.

Mineral Resources estimates



Inferred | 100% interest

HORIZON	Resource (Mt)	K ₂ O (%)	K ₂ O (Mt)
Ohmgebirge ¹			
Sylvinite	261	14.0	36
Carnallitite	64	9.8	6
Nohra-Elende ²			
Sylvinite	101	14.2	14
Carnallitite	1,597	9.4	150
Mühlhausen-Küllstedt ³			
Sylvinite	834	12.1	101
Carnallitite	296	8.2	24
Ebeleben ⁴			
Sylvinite	324	15.6	50
Carnallitite	253	7.5	19
Küllstedt			
Sylvinite	333	13.0	43
Carnallitite	1,205	10.1	122
Total JORC Inferred Mineral Resource	5,268	10.8	567

Note: 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

1. Ohmgebirge: ASX announcement 23 December 2019

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

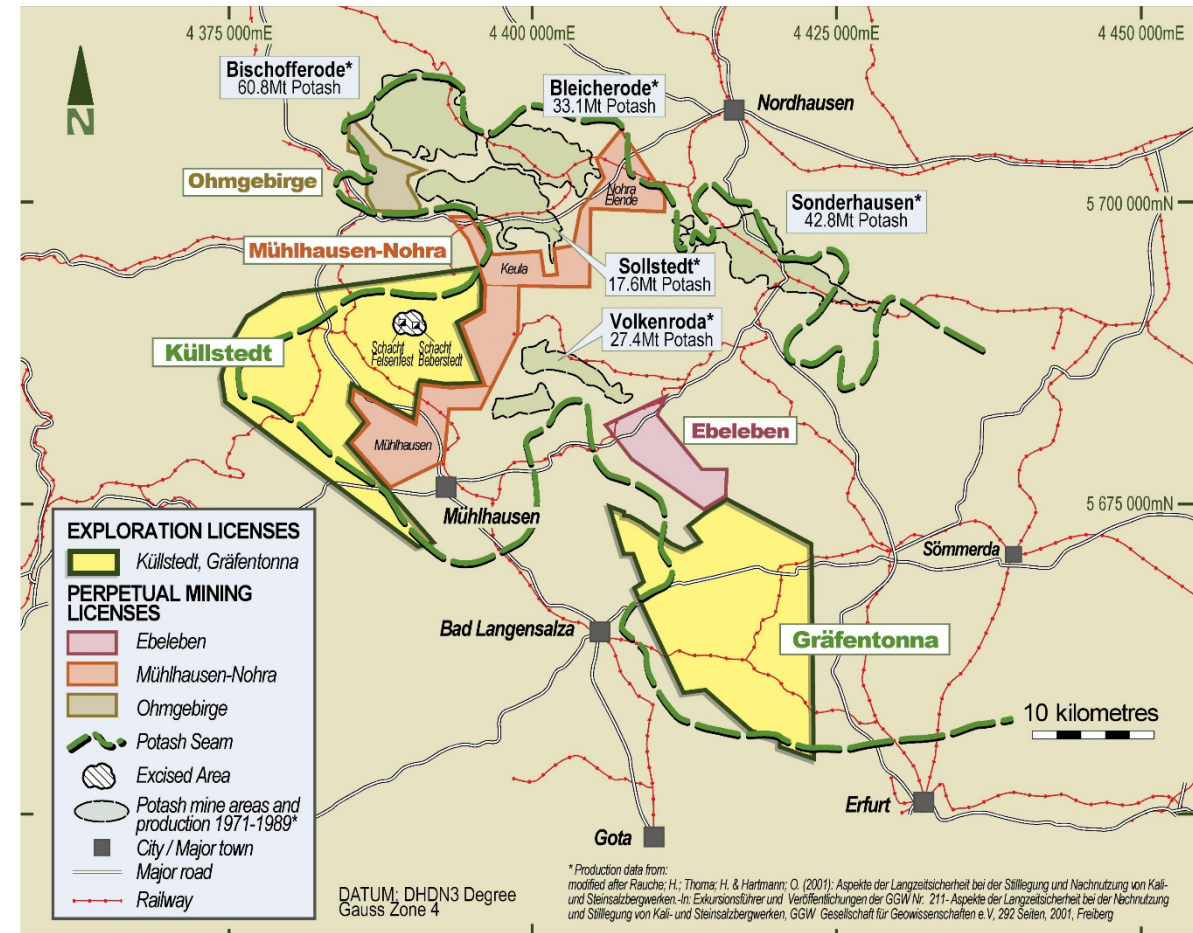
3. ASX announcement 16 October 2018

4. ASX announcement 3 April 2018

South Harz Potash Project

Licence area detail

- Three perpetual mining licences and two exploration licences located within a 30km radius
- Ready access to major road and developed rail infrastructure
- Mining and exploration licence areas are intersected by known potash seams
- Significant historical potash production adjacent to licence boundaries
- Clear permitting precedent; local Thuringian political and social support for new projects





**SOUTH
HARZ
POTASH** LTD.