

# Sustainably feeding the world

# June 2020

**PRIVATE & CONFIDENTIAL** 

### Disclaimer

This presentation (the "Presentation") has been prepared and issued by the directors of Kore Potash plc ("Kore" or the "Company" and, together with its subsidiaries, the "Group"). By attending (whether in person or by telephone) or reading the Presentation, you agree to be bound by the conditions set out below.

The Presentation does not constitute or form part of, and should not be construed as investment advice or any offer or invitation to sell or issue, or any solicitation of any offer to purchase or subscribe for, any shares or other securities of the Company, nor shall it (or any part of it), or the fact of its distribution, form the basis of, or be relied on in connection with or act as any inducement to enter into, any contract whatsoever relating to any securities or financial instruments, acquisition or investment in the Company, or financial promotion. No person affiliated with the Company, its directors, officers, employees, affiliates, agents or advisers has been authorised to give any information or to make any representation not contained in the Presentation and, if given or made, such information or representation must not be relied upon.

The Presentation is provided solely for general information only and must not be used or relied upon for the purpose of making any investment decision or engaging in any investment activity. The information and opinions in the Presentation are provided as at the date of the Presentation (unless stated otherwise) and are subject to change without notice. The Presentation does not purport to contain all information that may be required to evaluate the Company and/or the Group. While such information is believed to be reliable for the purposes used in the Presentation, no reliance may be placed for any purpose whatsoever on the information or opinions contained or expressed in the Presentation or on the accuracy, completeness or fairness of such information and opinions.

All Mineral Resource and Ore Reserves are reported in accordance with the JORC Code (2012 edition). Numbers are rounded to the appropriate decimal place. Rounding 'errors' may be reflected in the "totals". The Kola Mineral Resource Estimate was reported 6 July 2017 in an announcement titled 'Updated Mineral Resource for the High-Grade Kola Deposit'. It was prepared by Competent Person Mr. Garth Kirkham, P.Geo., of Met-Chem division of DRA Americas Inc., a subsidiary of the DRA Group, and a member of the Association of Professional Engineers and Geoscientists of British Columbia. The Dougou cantallite Mineral Resource estimate was reported on 9 February 2015 in an announcement titled 'Elemental Minerals Announces Large Mineral Resource Expansion and Upgrade for the Dougou Potash Deposit'. It was prepared by Competent Persons Dr. Sebastiaan van der Klauw and MJ. Jana Neubert, senior geologists and employees of ERCOSPLAN Ingenieurgesellschaft Geotechnik und Bergbau mbH and members of good standing of the European Federation of Geologists. The Dougou Extension sylvinite Mineral Resource Estimate is reported herein. Ms. Vanessa Santos, P.Geo. of Agapito Associates Inc., for the Exploration Results and Mineral Resources. Ms. Santos is a licensed professional geologist in South Carolina (Member 2403) and Georgia (Member 1664), USA, and is a registered member (RM) of the Society of Mining, Metallurgy and Exploration, Inc. (SME, Member 04058318). The Company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcements and, in the case of estimates of Mineral Resources or Ore Reserves that all material assumptions and technical parameters underpinning the estimates in the relevant market announcement.

Nothing in the Presentation is, or should be relied on as, a promise or representation as to the future. This Presentation includes statements that are, or may be deemed to be, "forward-looking statements". These forward-looking statements can be identified by the use of forward-looking terminology, including the terms "believes", "estimates", "projects", "anticipates", "expects", "intends", "may", "will", or "should" or, in each case, their negative or other variations or comparable terminology, or by discussions of strategy, plans, objectives, goals, future events or intentions. These forward-looking statements include all matters that are not historical facts. They include, but are not limited to, statements regarding Kore's intentions, beliefs or current expectations concerning, among other things, the Group's financial position, business or proposed business, project development, further optimisation of the DFS, reserve or resource potential, exploration drilling, exploitation activities, corporate transactions and events or developments that the Company expects to occur. By their nature, forward-looking statements involve known and unknown risks and uncertainties and other factors, many of which are beyond the Group's control. Forward-looking statements are not guarantees of future performance and the actual results of the Group's operations and financial position may differ materially from those described in, or suggested by, the forward-looking statements contained in this Presentation. A number of factors could cause results to differ materially from those expressed or implied by the forward-looking statements. Forward-looking statements are no be evaluated, continued availability of capital and financing, currency fluctuations, industry trends, competition, changes in political conditions, changes in regulation and general economic, market or business contained not he factors disclosed in Kore's filed documents. Forward-looking statements may, and often do, differ materially from actual results. Any f

No representations, express or implied, are given in, or in respect of, the Presentation, including as to the fairness, accuracy or completeness of the contents of this Presentation or any other statement made or purported to be made in connection therewith, or that any of the forward-looking statements, projections or forecasts will come to pass or that any forecasted result will be achieved. To the fullest extent permitted by law, none of the Company, its subsidiaries or its or their respective directors, officers, employees, advisors or agents or any other person shall have any liability whatsoever for any loss howsoever arising, directly or indirectly, from the use of the Presentation or its contents or otherwise arising in connection therewith. Except to the extent required by applicable law or regulation, none of the Company, its subsidiaries, or its or their respective directors, officers, employees, advisors or agents, or any other person undertakes or is under any duty to update the Presentation or to correct any inaccuracies in any such information which may become apparent or to provide you with any additional information.

The Presentation is not intended for distribution to, or use by, any person in any jurisdiction where such distribution or use would be contrary to local laws or regulations and therefore persons receiving this Presentation should inform themselves about and observe such restrictions

Any information contained in this Presentation that is derived from publicly available or third party sources has not been independently verified. No representation or warranty is made as to the accuracy, completeness or reliability of such information.



# Introduction

- Kore intends to be the lowest cost supplier of potash to the African and South American markets
- >> Kore has **globally significant potash deposits** in the Republic of Congo (RoC), at **highest grade** and **lowest development cost** of any peer in the world
- District scale development potential, 12km from the coast and ideally located to supply Africa and South America
- Preliminary Feasibility Study for first deposit, DX, indicates low capital cost of \$286m with an IRR of 22.9%
- >> Mine gate costs of **US\$65.3/t** and FOB Pointe Noire of **US\$86.6/t**
- Feeding the world's growing population requires increasing application of fertiliser
- > Potassium (from potash) is a key nutrient, essential for high quality and high yield food production





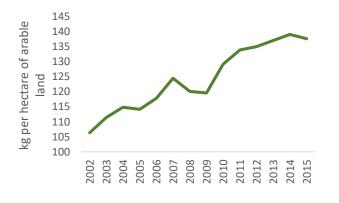
Kore's world class potash deposits have potential to be the lowest cost supplier to our target market



### More potash needed to feed the world

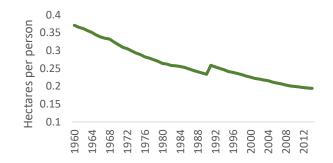
The world will need to grow **50% more food** by 2050 to feed an anticipated population of **9 billion peopl**e...

# More fertiliser needs to be produced to boost yields from existing arable land....

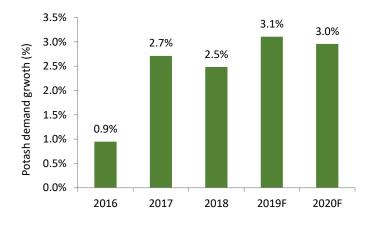


Source: World Bank, United Nations, FAO

... while global arable land per person is declining sharply



# ... and demand for potash for arable use is growing year on year.



## **Recent investments by mining majors**

Globally operating mining companies have recently been investing in potash assets

#### BHP

Jansen Project in Saskatchewan, Canada 1000m deep Over 1,600km from the Port of Vancouver US\$2.7 billion spent so far US\$3 billion more Stage 1 investment expected



#### Potash

Potash is the name of a group of potassium compounds that are most often used as fertiliser. It strengthens plants, helps them move water and sugar, and defends them against disease. Potash will be a vital link in the global food supply chain.

Page coming soon



#### **Anglo American**

Purchase of Sirius Minerals for £405m Developing Woodsmith Mine in North Yorkshire 1500m deep, 37 km underground conveyor Polyhalite market is small \$1 billion spent so far \$4 billion total cost

#### Sirius Minerals investors back Anglo American takeover



Sirius Minerals has spent more than \$1 billion developing its Woodsmith Mine near Whitby to mine polyhalite, a type of nutrient-rich fertiliser NIGER RODDREATERS



# **Dougou Extension (DX)** Sylvinite project





## **DX PFS Overview**

### Strong investment case

- IRR of 22.9% (real ungeared post tax)
- 4.3 year payback period

### Low capital cost

- Pre-production capex of US\$286m
- Low pre-production capital intensity of US\$715/t MoP produced

### Accelerated path to production

• Estimated 21 month construction period

### Attractive operating cost

- Low average mine gate operating costs of US\$65.26/t MoP
- Free on board (FOB Pointe Noire) costs of US\$86.61/t MoP
- Average cost of MoP delivered to African target markets of US\$114.6/t MoP

### Advanced permitting

- Located within existing approved Dougou mining license
- Mining Convention in place

### **Financing options**

( > )

(>)

(>)

- Modest capex and short construction period improves financing options
- Indicative financing discussions have been positive

### Well understood, proven extraction method

- Single well, selective dissolution mining
- 400ktpa MoP production over 18.4 year life

### High quality asset

- Sylvinite Ore Reserves of 17.7 Mt at a grade of 41.7% KCl
- Grade of the Ore Reserves is in the top quartile of all operating potash mines and potash development projects globally
- Sylvinite Mineral Resources of 145 Mt at a grade of 39.7% KCl.

### Potential to extend life of project

- 22% of Mineral Resources scheduled for PFS
- Secondary mining opportunities post initial cavern completion

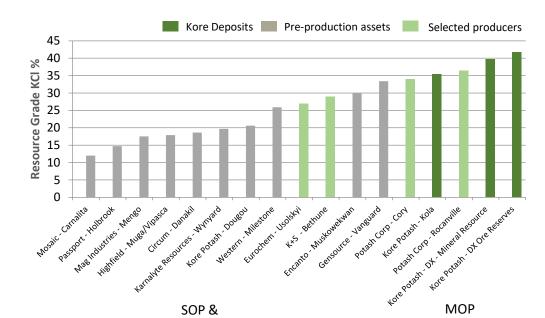
## Very low cost of supply into target markets



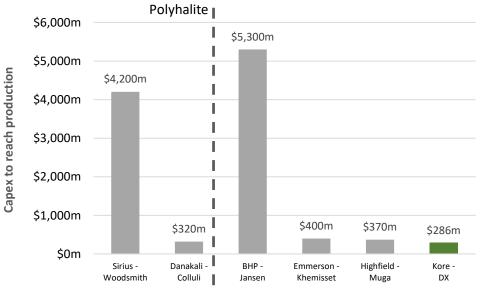
- Higher grade and shallower deposits than majority of existing potash producers contributes to competitive cost structure
- Close proximity to deep water port at Pointe Noire, Republic of Congo means short transport distance in country as well as very short shipping route from port to customers
- Low average mine gate operating costs of US\$65.3/t MoP
- Free on board (FOB Pointe Noire) costs of US\$86.6/t MoP is extremely competitive
- Average cost of MoP delivered to African target markets of approximately US\$114.6/t MoP – lowest cost supplier to West Africa
- Ability to compete on price against all existing suppliers in our selected growing markets
- Increasingly competitive in scenarios where global land transport and shipping costs increase
- Significantly more environmentally sustainable than other potash projects, due to low operational input costs and shorter transport distances to end users

## Benchmarking DX – high grade, low capex

- DX is the highest grade undeveloped potash deposit
- The closest projects in terms of grade are both well over 1,000 metres deep
- High grade contributes to low cost of production

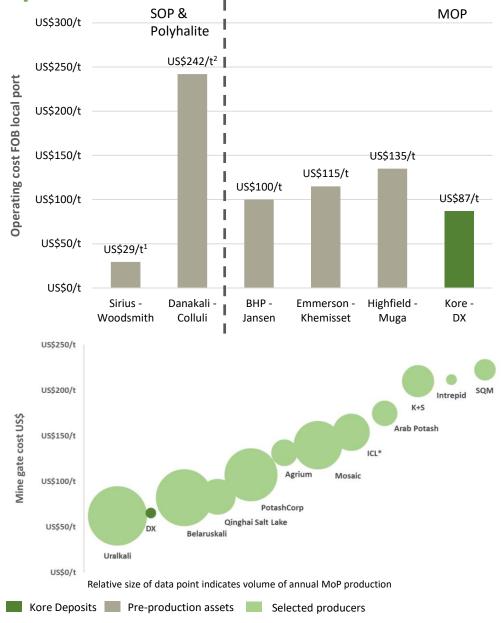


- DX has the lowest capex of any comparable preproduction potash deposit
- Indicative initial financing discussions have been positive
- Getting DX into production will make further basin development much easier



## **Benchmarking DX – low cost production**

- DX is highly competitive in terms of mine gate and FOB costs
- Lower operating costs than any comparable project in development
- Low mine gate costs then further benefit from amongst the shortest transport distances to target export market of any potash project
- Amongst lowest operating costs even versus large scale producers



Note 1: Polyhalite

Source: Companies data





10



## **Environment and permitting**



- >) DX produces no by-product tailings
- ) The Mining Convention for Kola and Dougou mining licence area is in place
- DX is situated within existing Dougou mining licence
- Advanced permitting in place Kore has an approved 25 year ESIA for Kola and Dougou mining licence areas and a new process is required to amend the existing ESIA to cover the DX project
- > A local (Decree D'Utilite Publique DUP) and international (Resettlement Action Plan RAP) land repatriation process cover the process plant land area



## **District scale development potential**

- Kore is developing its globally significant potash deposits in the Republic of Congo (RoC)
- District scale development potential with over 6 Bt of potash Mineral Resources located 35 km from the coast

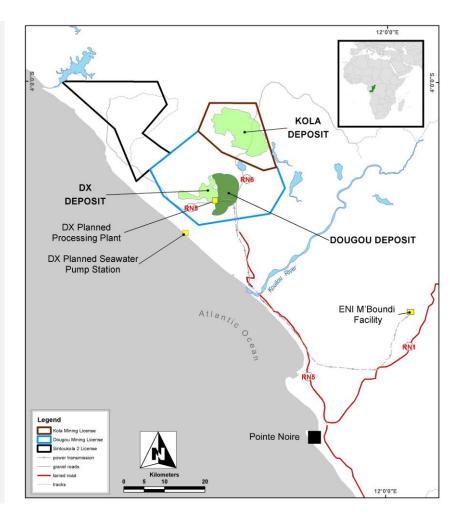
Several high grade sylvinite projects:

### > DX

- High grade solution mine
- PFS complete
- Progressing DFS

### ) Kola

- Larger capex conventional mine
- DFS complete
- Development ready





"Kore has the potential to be the lowest cost supplier of potash to African and Brazilian markets"



## Next steps

- > The DX PFS has demonstrated that developing DX is both the fastest route to production and a low capex, high return project in its own right
- The Company intends to progress rapidly to undertaking a Definitive Feasibility Study (DFS) for DX
- > A workplan for the DX DFS is currently being finalised
  - The duration of the DX DFS is expected to be less than 12 months
  - DX PFS scheduled approximately 22% of Mineral Resources to give an 18.4 year life increasing that percentage through the DFS will extend mine life
- Offtake discussions continue with multiple groups
- Discussions with the interested lender group continue
  - Kore anticipates financing of the US\$286m DX capital cost will include
    ~US\$150m debt

# **Summary**



man to a super the manufactory a loss where a dark where a super size to a where the dark a bus



### Summary



# Sustainably feeding the world

- Fertiliser use improves crop yields for farmers, reducing the carbon footprint of farming globally
- Short transport route to market minimises carbon impact
- Lower inputs than industry peers
- No waste by-products (tailings)



#### Attractive economics

- DX offers, low risk, low capex, high return, rapid path to production
- Low capex and short construction period improves financing options
- Potential to be lowest cost potash supplier to target markets



# Long life at globally significant scale

- Initial life of DX of 18 years at 400ktpa MoP production
- Potential within licence areas to extend life or scale
- Initial life of Kola of 33 years based on 2.2Mtpa MoP production



# Industry standard potash flowsheets

- High grade, shallow deposits
- Proven solution mining method at DX
- Industry standard processing plant design



#### **Advantageous location**

- Close to target markets
- Project adjacent to coast
- Electrical power, gas and water available
- DX will use existing deep water port close by at Pointe Noire



- Mining licences in place
- Mining Convention governing key fiscal parameters in place
- Amended ESIA will be prepared and submitted for DX

# **Appendices**



man to A super the manufactory a loss where where And the the manus is the should be a factor



# **DX PFS data**

Project physicals	Units	
Total MoP production	kt	372
MoP granular product grade	%KCl	98.5%
Average MoP production	ktpa	393
Capital cost		
Pre-production capital cost	\$M	285.9
Capital intensity (at nameplate 400,000 tpa MoP)	US\$/tpa	715
Operating costs		
Mine Gate Cost	\$/t	65.26
FOB Cost <sup>1</sup>	\$/t	86.61
CFR Cost <sup>1</sup>	\$/t	114.61

Project financials	Units	
Total revenue	US\$M	3,113
Average annual revenue	US\$M	169
Average annual EBITDA	US\$M	118
EBITDA margin	%	69.8%
Average post-construction, post tax annual free cash flow	US\$M	95
Free cashflow margin	%	56.4%
Total post tax free cash flow <sup>2</sup>	US\$M	1,469
Attributable <sup>3</sup> post tax, un- geared NPV (10% real)	US\$M	319
Attributable <sup>3</sup> post tax, un- geared IRR	%	22.9%
Payback period from date of first production	years	4.3
Scheduled LOM	years	18.4
Average forecast MOP granular price	US\$/t MoP	422

1: Excludes Royalty and Sustaining Capex

2: Free cash flow defined as EBITDA minus tax, minus capex

3: Attributable to Kore's interest (i.e. 90% basis)



## **Board of Directors**



#### **David Hathorn Chairman**

David Hathorn is the ex-CEO of the Mondi Group (30 April 2017). The Mondi Group, is a FTSE 100 global packaging and paper listed group on both the London and Johannesburg stock exchanges, with operations in 30 countries and employing 25,000 people. The Mondi Group performed exceptionally well under David's leadership.

Before Mondi, David was at Anglo American, where he was a member of the Group Executive Committee from 2003 and an Executive Director of Anglo American PLC from 2005, serving on several of the Boards of the Group's major mining operations.



#### Jonathan Trollip Non-Executive Director

Jonathan is a globally experienced Director (Executive and Non-Executive) with over 30 years of commercial, corporate, transactional, governance and legal experience. He is currently the Non-Executive Chairman of Global Value Fund Ltd (ASX listed), Plato Income Maximiser Limited (ASX listed), Spheria Emerging Companies Limited (ASX listed) and Future Generation Investment Company Ltd and Antipodes Global Investment Company Ltd and holds various private company Directorships in non-profitable organisations.

Jonathan is also a Principal and Director of Meridian International Capital Limited, which is a Sydney (Australia) based structured finance group where he has been in engaged for the past 22 years. During this time, Jonathan has been involved in financing numerous resource transactions in various global locations.



#### **Timothy Keating Non-Executive Director**

Tim Keating is Head of Mining Investments Private Equity at the State General Reserve Fund (SGRF), a sovereign wealth fund of the Sultanate of Oman. Prior to joining SGRF in 2015, Mr. Keating was CEO of African Nickel Limited, a nickel sulphide development company where he grew the business through several acquisitions, project development and fund raisings.

He also worked at Investec Bank for the Commodities and Resource Finance Team (2004-2010), and at Black Mountain Mine owned by Anglo American plc, in South Africa. He is a Non-Executive Director of Kenmare Resources plc. He has a BSc Mining Engineering from West Virginia University and has a Mine Managers Certificate of Competency.





#### **Brad Sampson Chief Executive Officer**

Brad Sampson has more than 25 years resources industry experience building and operating large scale mining projects internationally including in West and Southern Africa. A qualified Mining Engineer, he has held leadership and board roles in several public listed companies.

Brad has led the successful turnaround of mining businesses in Cote d'Ivoire and the DRC and has previously been the CEO of Discovery Metals and held General Manager roles at Gold Fields operations in South Africa and Australia.

#### **David Netherway Non-Executive Director**

David Netherway is a mining engineer with over 40 years of experience in the mining industry. He was involved in the construction and development of the New Liberty, Iduapriem, Siguiri, Samira Hill and Kiniero gold mines in West Africa and has mining experience in Africa, Australia, China, Canada, India and the Former Soviet Union. Mr Netherway served as the CEO of Shield Mining until its takeover by Gryphon Minerals.

Prior to that, he was the CEO of Toronto listed Afcan Mining Corporation, a China focused gold mining company that was sold to Eldorado Gold in 2005. He was also the Chairman of Afferro Mining which was acquired by IMIC in 2013. Mr Netherway has held senior management positions in a number of mining companies including Golden Shamrock Mines, Ashanti Goldfields and Semafo Inc.

Mr Netherway is currently the Chairman of AIM & TSXV-listed Altus Strategies plc and ASX-listed Canyon Resources Ltd. He also holds various private company directorships.



#### José Antonio Merino Non-Executive Director

José Antonio joined SQM in 2016 and is currently M&A Director, prior to which he worked at EPG Partners as head of a mining private equity fund, at Asset Chile, a Chilean boutique investment bank, and at Santander Investment. He is a qualified Civil Engineer having graduated from Pontificia Universidad Católica de Chile.



## **Corporate snapshot**

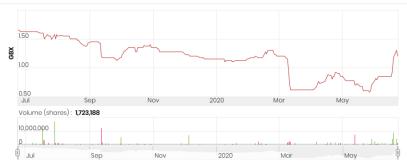
### Key shareholders<sup>1</sup>

Shareholder	% interest
Oman Investment Authority (OIA)	19.74%
Sociedad Quimica y Minera (SQM)	19.26%
Dingyi Group Investments Ltd	12.91%
Harlequin Investments Ltd	7.07%
Mr David Stevens	6.72%
Kore Board and Management	3.16%

#### KP2 AIM share price / volume<sup>2</sup>

#### 24/06/2019 - 23/06/2020

Kore Potash (LSE) Open: 1.68 | High: 1.65 | Low: 0.57 | Close: 1.20



Ticker	AIM: KP2	ASX: KP2	JSE: KP2
Share price	1.2p	A\$0.02	ZAR0.42
Shares in issue	1,550,273,503	1,550,273,503	1,550,273,503
Market Cap	£18.6M	A\$31.0M	ZAR 651.1M
Price range (52w)	0.62p - 2.26p	A\$0.01 – A\$0.06	ZAR0.14 – ZAR0.62
Nomad/Sponsor/Broker	Canaccord / Shore Capital	n/a	RenCap

#### Notes:

1. As at 23 June 2020

2. Share price as at 23 June 2020