



KROPZ PLC

INDEPENDENT AFRICAN PHOSPHATE ROCK PRODUCER

Presentation | March 2022

Mark Summers
Chief Executive Officer



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WHY KROPZ?



Phosphate

- Essential to food production
- N **P** K
- 85% of rock used in fertilizer production
- Demand ↑
- Prices ↑



Sub-Saharan Africa

- Expanding population
- Improving diets
- Low fertilizer usage
- Food demand to triple by 2050
- Fertilizer is needed



Kropz Opportunity

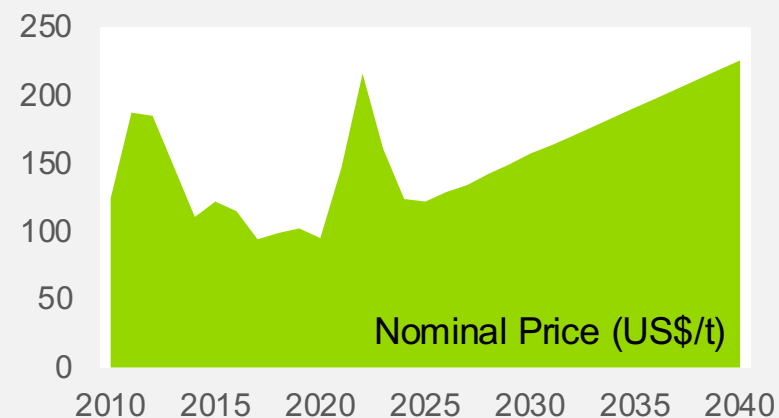
- Elandsfontein being commissioned
- Global supply shortage
- Low cadmium resource
- Geographical advantage
- 5-7% of traded rock market



PHOSPHATE MARKET

Robust demand on supply shortages

- Global phosphate rock market – US\$30bn by 2030¹
- Phosphate rock CAGR of 3.2% forecast¹
- Demand driven by fertilizer use
- 85% of rock production integrated
- Major producers expanding downstream
- Increases in production integrated downstream
- Producer's market
- China export restrictions
- Supply concerns from Russian sanctions



¹ Research and Markets (February 2022), ² Price graph - CRU December 2021

Assets



ELANDSFONTEIN, REPUBLIC OF SOUTH AFRICA

Near-term cashflow

- 1Mtpa phosphate rock mine
- Currently in ramp-up
- Excellent logistics – close proximity to port
- Export capacity secured
- First sales expected Q1 2022
- Fully permitted



HINDA, REPUBLIC OF CONGO

Future organic growth

- One of world's largest undeveloped phosphate reserves
- Phased approach
- Low-cost natural gas
- Nearby port access
- Fully permitted



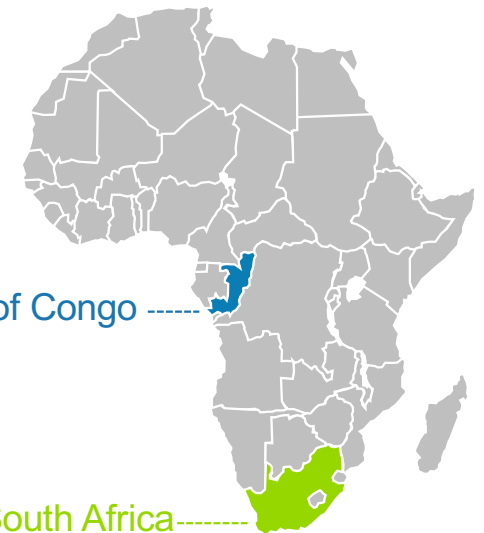
Hinda, Republic of Congo

100% owned by Kropz¹



Elandsfontein, South Africa

74% owned by Kropz



¹ Subject to 10% possible participation by Republic of Congo Government

OUR ROCK



- 66-68 BPL concentrate
- Both suitable for phosphoric acid, DAP, MAP and SSP



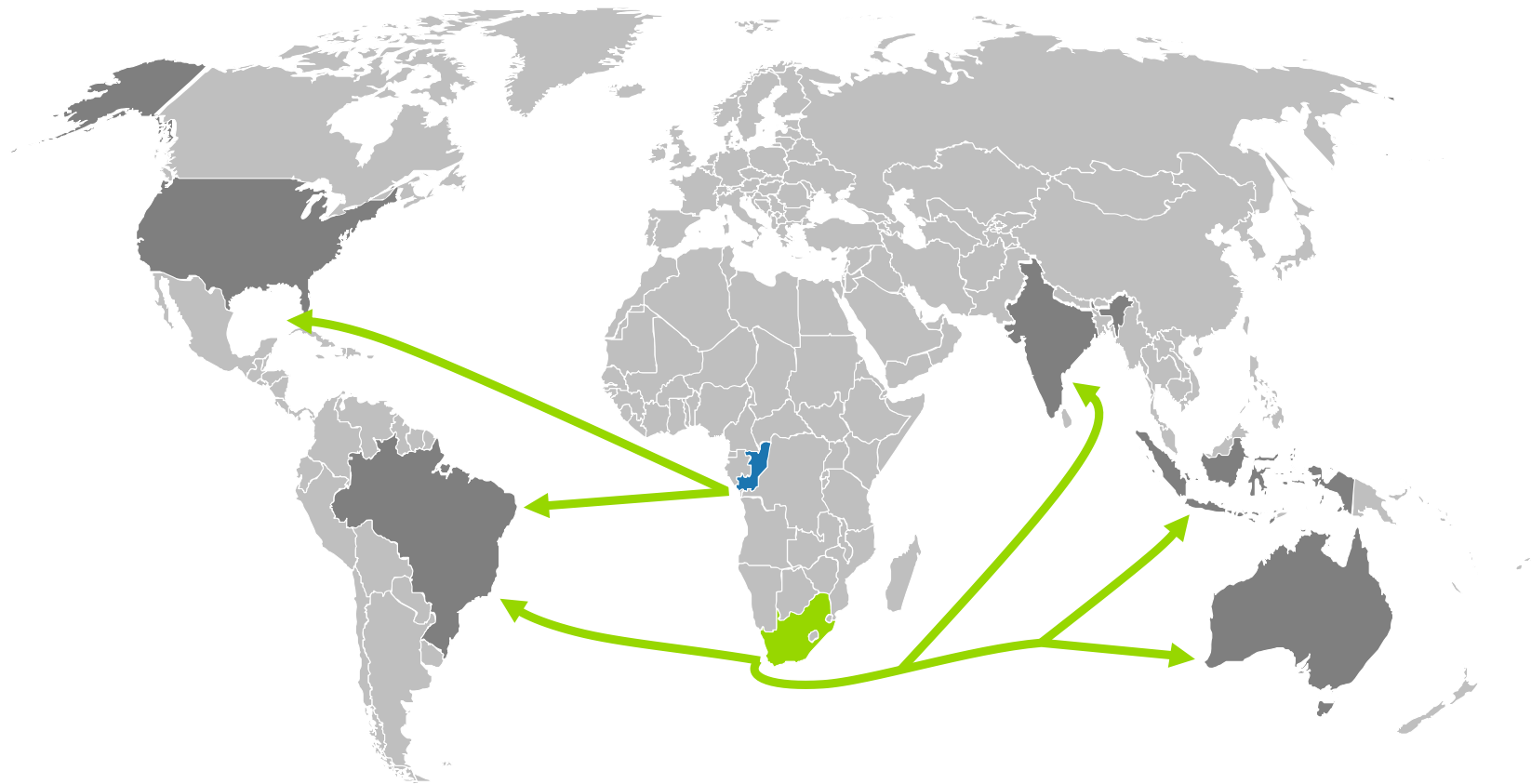
- Low cadmium – meets current and future EU standards
- MER < 0.1
- Low radioactivity – gypsum meets EU standards



- Low sulphuric acid consumption in phosphoric acid
- Less gypsum produced

PHOSPHATE ROCK + SULPHURIC ACID = PHOSPHORIC ACID + NITROGEN (AMMONIA) = MAP/DAP + POTASSIUM (MOP/SOP) = NPK FERTILIZER

Strong freight position

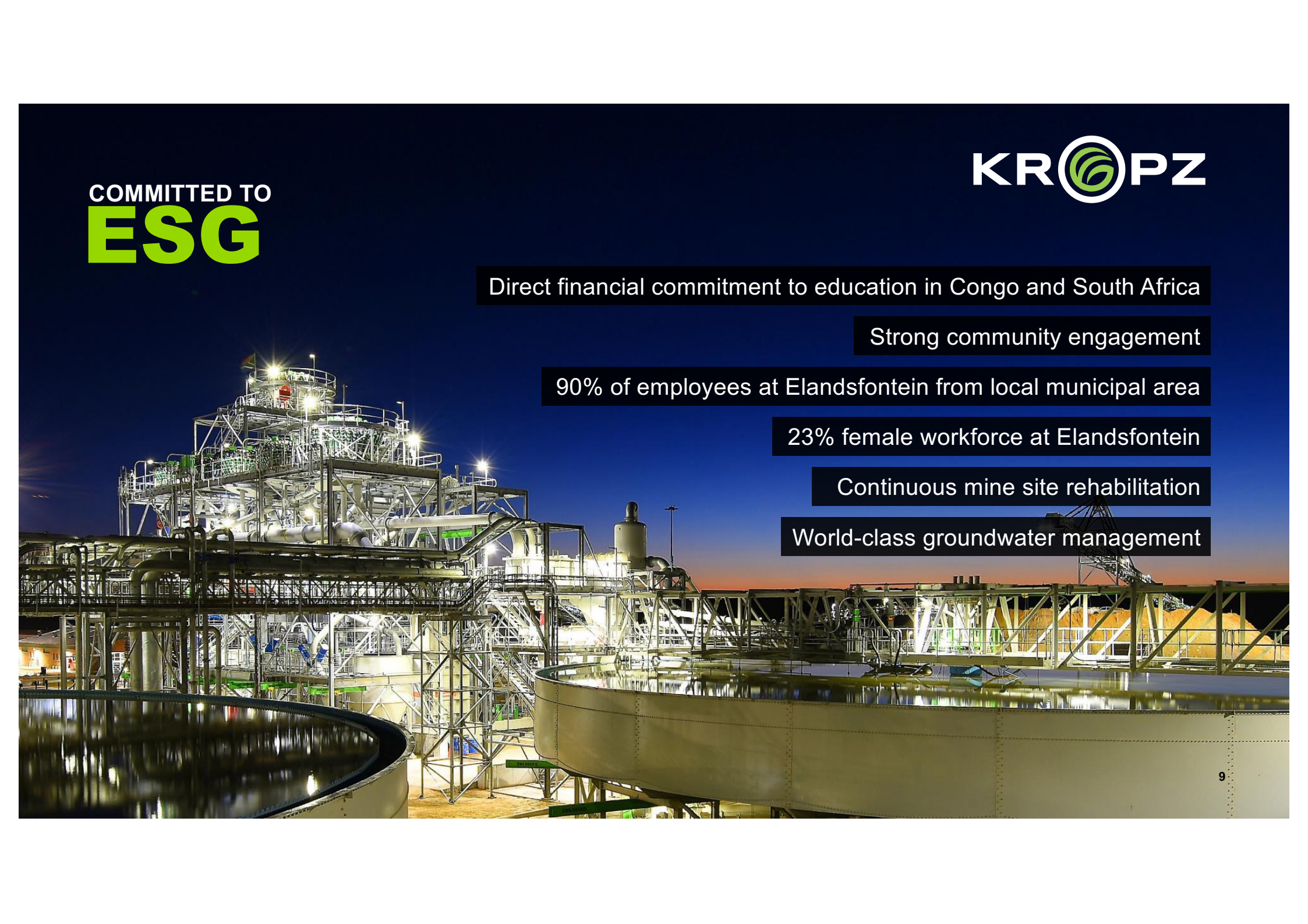


Sustainability development goals



We have identified the following UN Sustainable Development Goals as our key focus areas:





COMMITTED TO
ESG



Direct financial commitment to education in Congo and South Africa

Strong community engagement

90% of employees at Elandsfontein from local municipal area

23% female workforce at Elandsfontein

Continuous mine site rehabilitation

World-class groundwater management

WELL-FUNDED

BALANCE SHEET



Cash and cash equivalents of US\$ 12 million¹

Total assets of US\$ 202 million¹

Total long term debt of US\$ 46 million¹

External long term debt of US\$ 30 million¹

¹ Figures as at 30 June 2021



- Free digging, sandy deposit
- 15m to 30m ore thickness
- Concurrent rehabilitation during mining
- 2.2 million tonnes of overburden moved

Resource ^{1,2}	Quantity (Mt)	Grade (%P ₂ O ₅)	Contained P ₂ O ₅ (Mt)
Measured	47.5	10.3	4.9
Indicated	30.3	5.1	1.6
Inferred	23.3	5.5	1.3
Total	101.1	7.7	7.7

Reserve ^{1,3}	Quantity (Mt)	Grade (%P ₂ O ₅)	Contained P ₂ O ₅ (Mt)
Probable	63.6	9.6	6.1
Total	63.6	9.6	6.1



PROCESSING AT

ELANDSFONTEIN

- Pilot-scale testwork confirmed flotation recoveries
- Robust circuit responds to all ore types
- Based on proven Crago process
- Plant modifications completed within time and budget
- Currently in commissioning and ramp up
- Exciting by-product opportunities for ultra-fine phosphate



- \$170m invested in infrastructure and plant
- \$30m project finance from BNP Paribas

Metric	Project
Current LOM (potential to extend)	11 years ¹
Steady-state annual production	±1 Mt ¹
Phosphate rock concentrate	31% P ₂ O ₅ ¹
Nominal LOM price (FOB)	\$150/t ²
Nominal LOM cash costs (FOB)	\$80/t ¹

HINDA PROJECT



- Kropz acquired Cominco in 2018 - \$40 million
- Previous owners invested \$44 million
- Kropz has invested a further \$3 million



- Hinda development started in 2010 by Cominco
- 929 holes drilled
- Laboratory and pilot testwork completed



- 50km from port of Pointe-Noire
- 15km from national highway
- Port occupancy and gas supply agreements in progress



- Opencast mining, low strip ratio
- 300m to 800m wide ore corridor
- Two phosphate bearing sedimentary layers up to 65m thick
- Phased production of 1Mtpa and 2Mtpa
- LOM to >25 years³

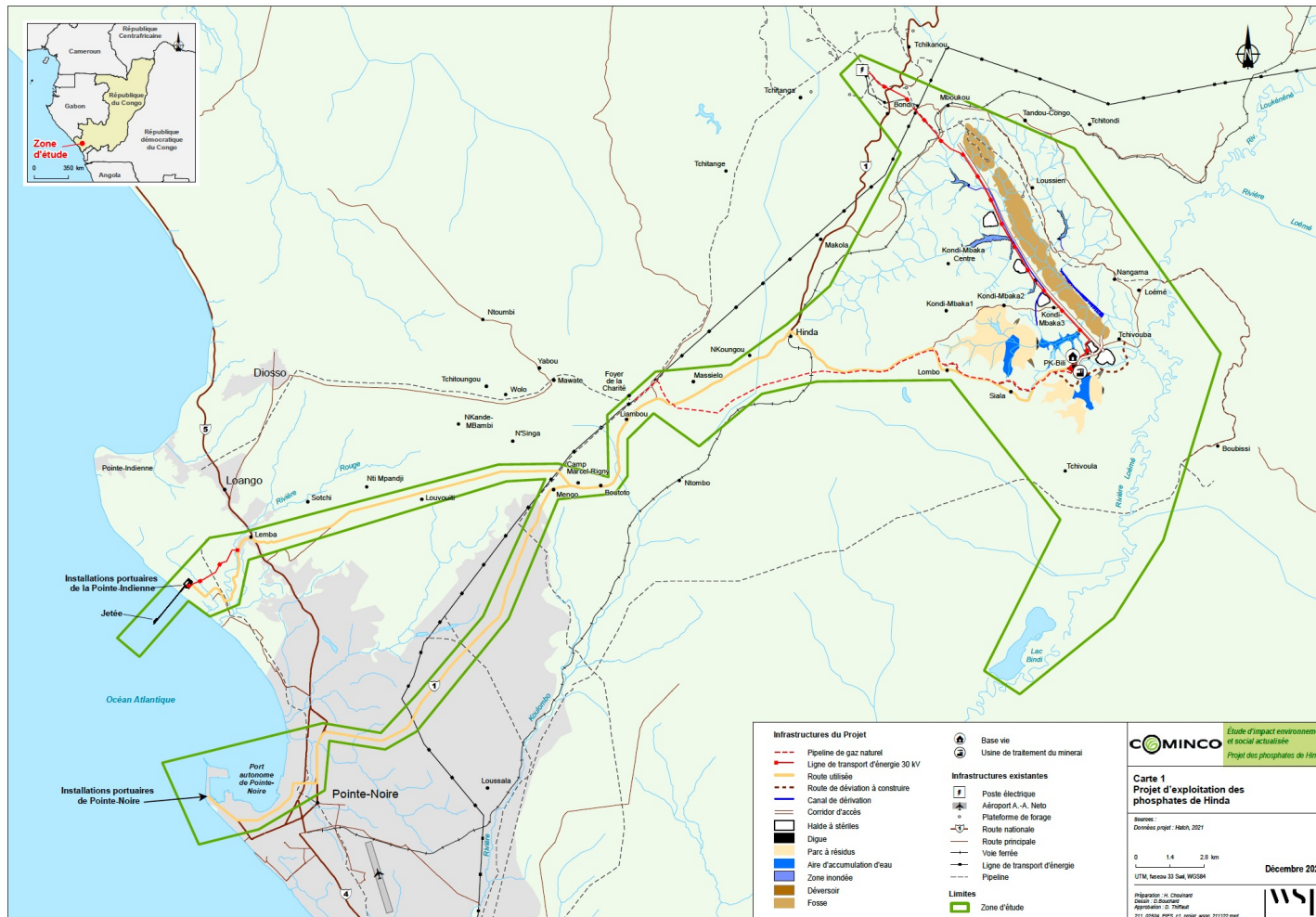
Resource ¹	Quantity (Mt)	Grade (%P ₂ O ₅)	Contained P ₂ O ₅ (Mt)
Measured	200.5	11.6	23.3
Indicated	380.9	9.8	37.3
Inferred	94.4	7.5	7.1
Total	675.8	10.0	67.7

Reserve ²	Quantity (Mt)	Grade (%P ₂ O ₅)	Contained P ₂ O ₅ (Mt)
Proven	158.7	12.1	19.2
Probable	246.3	10.4	25.6
Total	405.0	11.0	44.8

PLANT DESIGN AT
HINDA



Project location





HINDA

FEASIBILITY STUDY



Capital cost - Phase 1 US\$ 355 million, Phase 2 US\$ 310 million (real, 2021)

Peak funding US\$ 392 million - Phase 2 funded from Phase 1

Operating cost: Phase 1 US\$ 63/t FOB, Phase 2 US\$ 70/t

LOM EBITDA margin US\$ 65/t

Three year construction schedule - robust execution strategy

Nominal IRR of 19.2% and NPV_{11%} of US\$ 397 million

Opportunity for immediate commencement of Phase 2



HINDA OPPORTUNITIES

- Immediate commencement of Phase 2 delivers nominal IRR of 21.0% and NPV_{11%} of US\$ 543 million
- Mining model further optimised
- Value engineering opportunities investigated
 - Port; and
 - Power supply
- Engagement with local contractors presented opportunities for capital cost reduction

Hinda infrastructure



Multipurpose terminal at Port of Pointe-Noire



RN1 highway from Pointe-Noire to Hinda village





THE WAY FORWARD



- Complete Elandsfontein commissioning
- Commercialise phosphate rock sales



- Complete Hinda fund raising
- Expand value engineering investigations
- Commence early works



- Continue engagement with Congolese government and other key stake holders

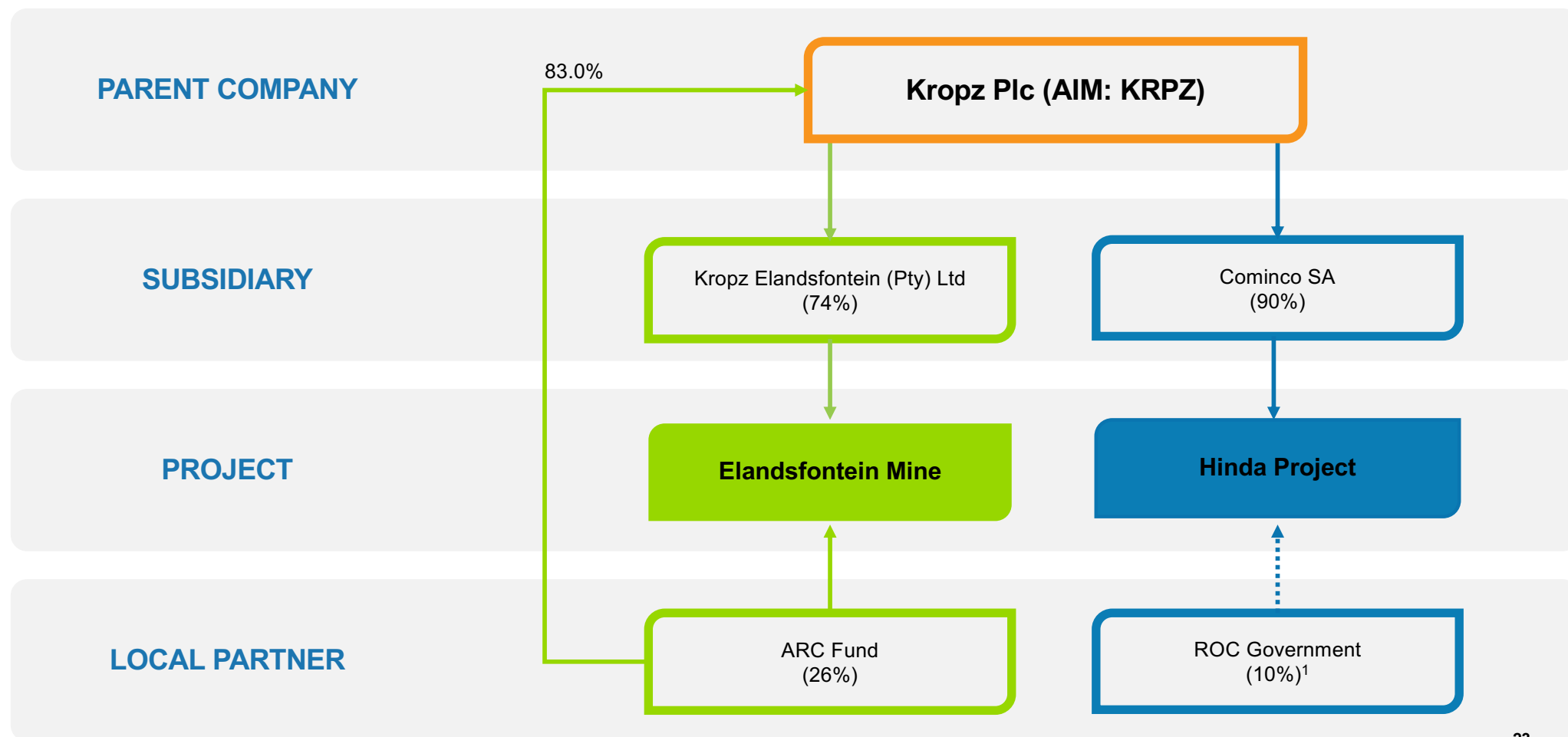


THANK YOU

www.kropz.com

KR  PZ

Corporate structure



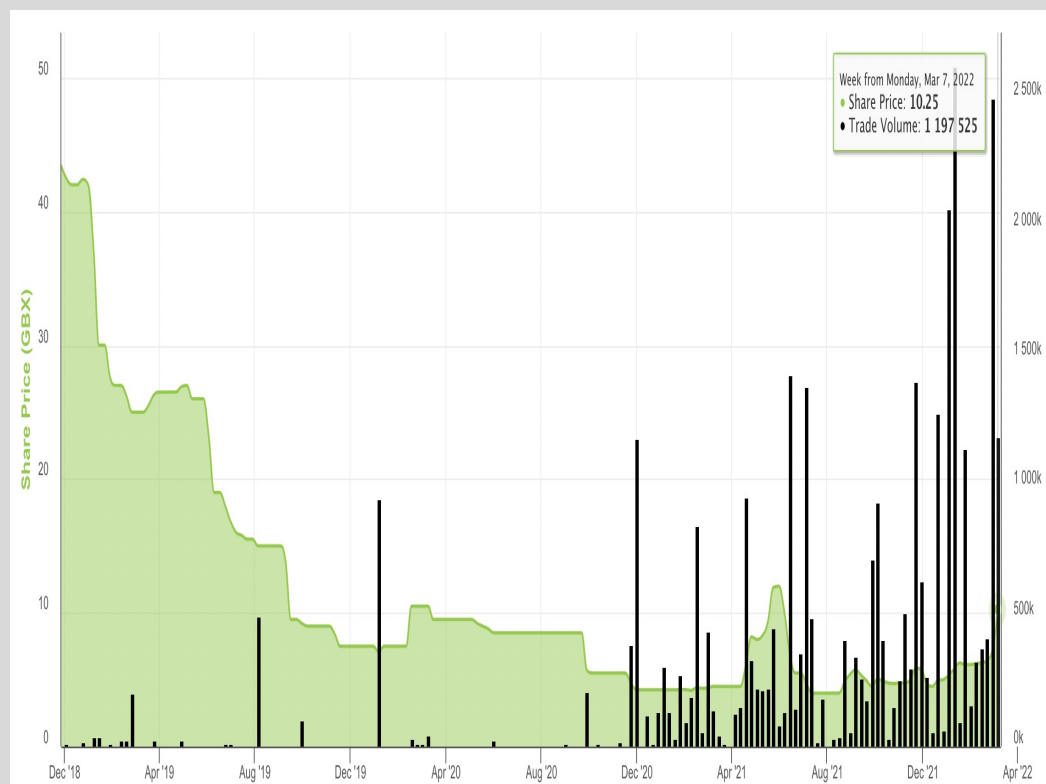
¹ Subject to 10% potential participation by Republic of Congo Government

Shareholdings and capital structure



Shareholders – 7 March 2022	%
ARC Fund	83.0
Kropz International	6.0
R&H Trust Company	2.0
THE Hong Investment Holdings	1.7
Management	0.8
Other	6.5

Current capital structure – 7 March 2022	
Shares in issue	916.3m
Share price	10.25p
Market capitalisation	GBP94m
Cash on hand – 31 Dec 2021	US\$7m
Total long-term debt – 31 Dec 2021	US\$50m



Strong board



Lord Robin Renwick of Clifton, Chairman

- Former UK ambassador to USA and South Africa
- Former Deputy Chairman of JP Morgan Europe
- Extensive corporate mining experience



Linda Beal, Non-executive Director

- Former partner at PwC
- UK chartered accountant for over 30 years
- NED on various natural resource companies



Mark Summers, CEO

- SA chartered accountant with over 25 years in mining industry
- Former CFO of Gemfields plc and TanzaniteOne



Machiel Reyneke, Non-executive Director

- Former Finance Director of Santam Ltd
- Current Finance Executive at ARC Fund
- More than 35 years' corporate finance experience



Mike Daigle, Non-executive Director

- More than 45 years in phosphates and fertilizers
- VP and director at IMC Fertilizer and Mosaic JV



Mike Nunn, Non-executive Director

- Founder of Kropz and TanzaniteOne
- Mining entrepreneur with over 25 years' experience