

# **SOUTH AFRICA'S ONSHORE GAS ENERGY SOLUTION**

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ASX:KKO  
May 2025



# Executive Summary

Kinetiko Energy is a gas explorer focused on advanced shallow conventional onshore gas in South Africa. The company has discovered a world class resource, adjacent to widespread energy infrastructure and a domestic economy with an insatiable demand for energy.

## PROJECT LOCATION



1

## LOCAL ENERGY CRISIS

Significant need for alternative energy supply in the region with rapidly declining coal and offshore gas energy supply driving major social and economic impacts

2

## NEAR TERM SOLUTION

Onshore conventional gas supply provides a near-term solution to decreasing energy supply

3

## PRODUCTION WELL TEST EXPLORATION PROGRAM UNDERWAY

Kinetiko spudded next Production Test Well

4

## SIGNIFICANT RESOURCE

Substantial resource with 6.0 TCF (2C) Resource, anticipated to grow substantially with another 5.8 TCF (2U) Prospective Resource (*refer slide 13 resources and reserves table*)

5

## LOW COST & LOW RISK DEVELOPMENT

Shallow conventional gas allows low-cost development, with local infrastructure providing fast and simple energy conversion and supply process



# South Africa's Energy Crisis



Frequent power failures causing significant social and economic damage



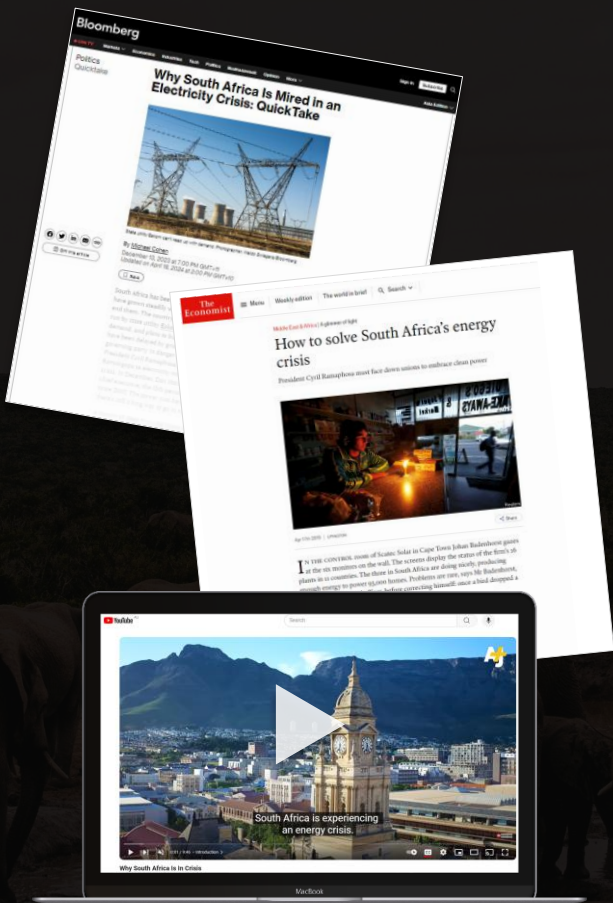
Aging coal energy supply historically providing over 85% of power generation



Only gas available from Mozambique is in severe decline, with domestic feed shut-outs from 2028

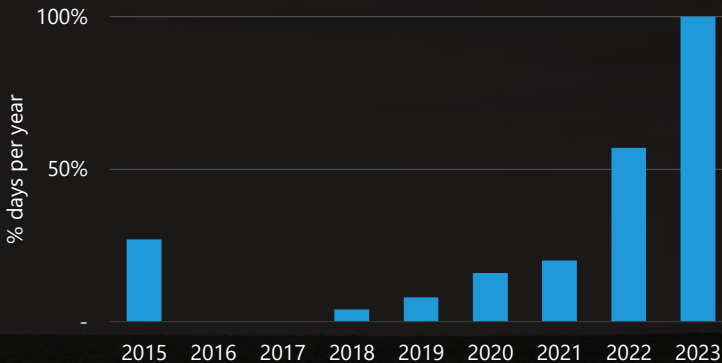


Renewable hydro, solar and wind projects have extensive development and construction timelines

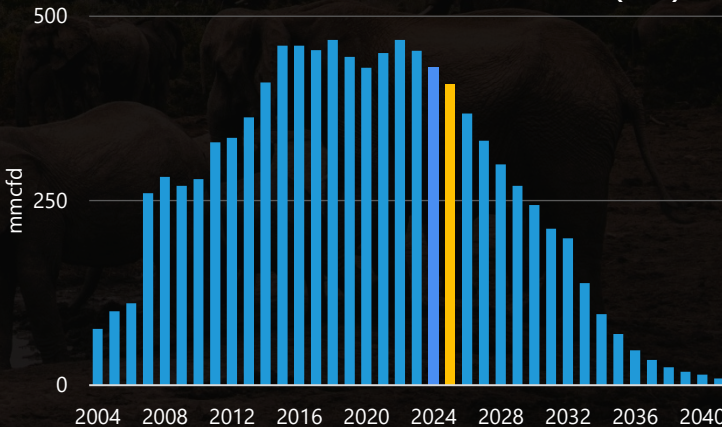


SOUTH AFRICA LOAD SHEDDING<sup>1</sup>

% days per year with power cuts due to electricity supply shortages



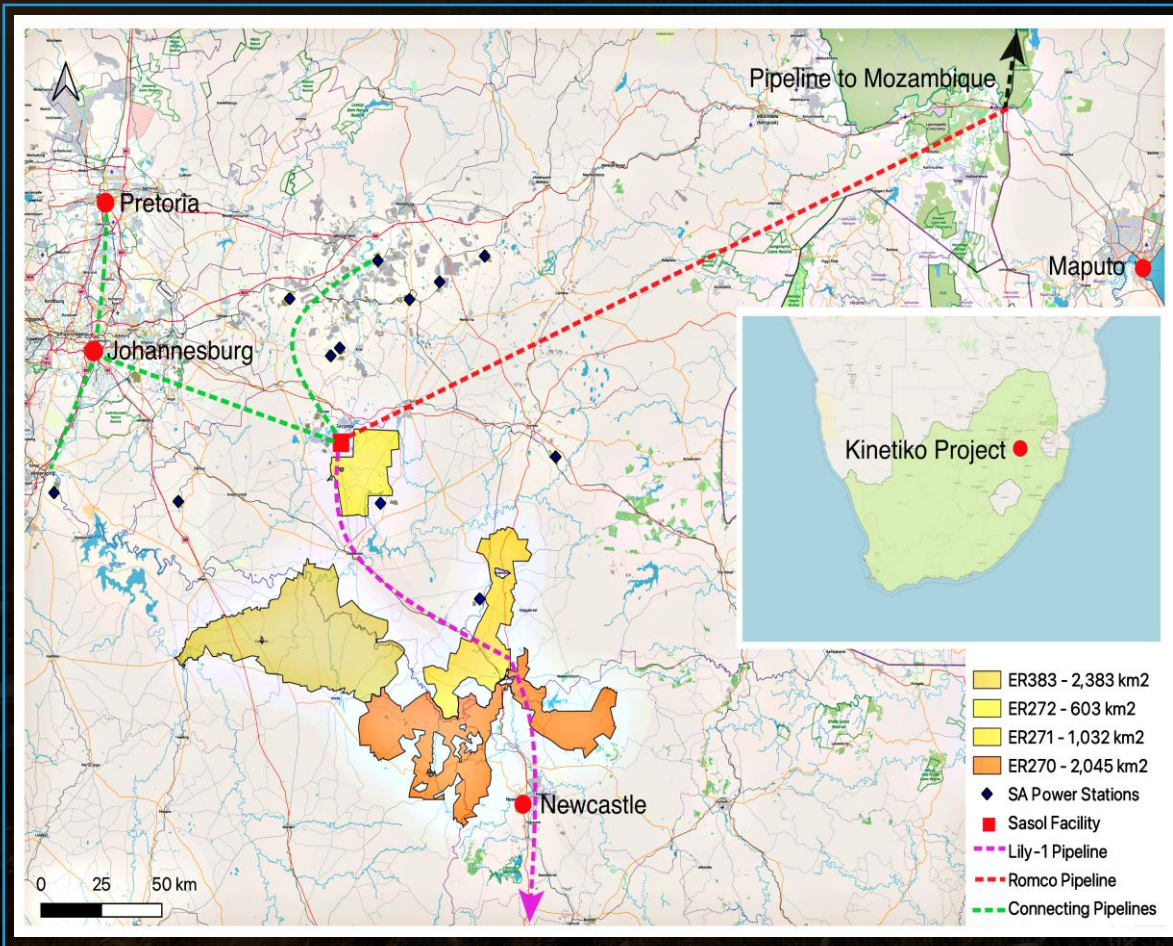
PANDE – TEMANE PRODUCTION PROFILE (PPA)<sup>2</sup>





# Asset Overview

A significant resource, with near-term material resource growth, in close proximity to existing energy infrastructure and major cities including Johannesburg



## 100% SUCCESS

All 48 wells have successfully encountered gas with large, shallow pay zones, suggesting uniform geology throughout entire tenement areas



## RESOURCE & RESERVE

Resource totals 6.0TCF (2C)  $\cong$  1 Billion BOE  
Reserve totals 6.4 BCF (2P) assessed over Amersfoort pilot confirms positive economics. Reserve calculated over only 0.2% of granted tenements (*refer slide 13 Resources and Reserves table*)



## RESOURCE GROWTH

Anticipated to increase following flow testing program and grant of ER383 (2,383 km<sup>2</sup>) increasing project life and value. Further drilling is expected to upgrade 5.8 TCF 2U Prospective Resource into 2C Resource (*refer slide 13 Resources and Reserves table*)



## MULTI-SITE DEVELOPMENT POTENTIAL

Large tenement holding of 6,000 km<sup>2</sup>, allowing multiple gas field development sites which multiplies investor value



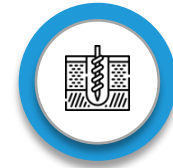
## DEVELOPMENT PARTNERSHIPS

Agreements in place with the South African Government institution Industrial Development Corporation to develop multi scale commercial production.



# Development Characteristics

Gas to power represents a nearer-term solution to decarbonisation of South African energy supply away from coal-based infrastructure, with the first demonstration of Kinetiko's reservoir gas energy conversion successfully completed in Q2 CY24



## NO FRACKING REQUIREMENT

Shallow conventional gas asset allowing for cost effective extraction without the requirement for fracking. This is not a Coal Bed Methane (CBM) play.



## CONVENTIONAL SETTING

Gas sits in sandstone and above the coals, sealed and compartmentalised into reservoirs by dolerite sill / dykes



## HIGH GAS QUALITY

96%-98% measured methane, with the remainder nitrogen and extremely low CO2 measured



## MULTIPLE DEVELOPMENT ALTERNATIVES

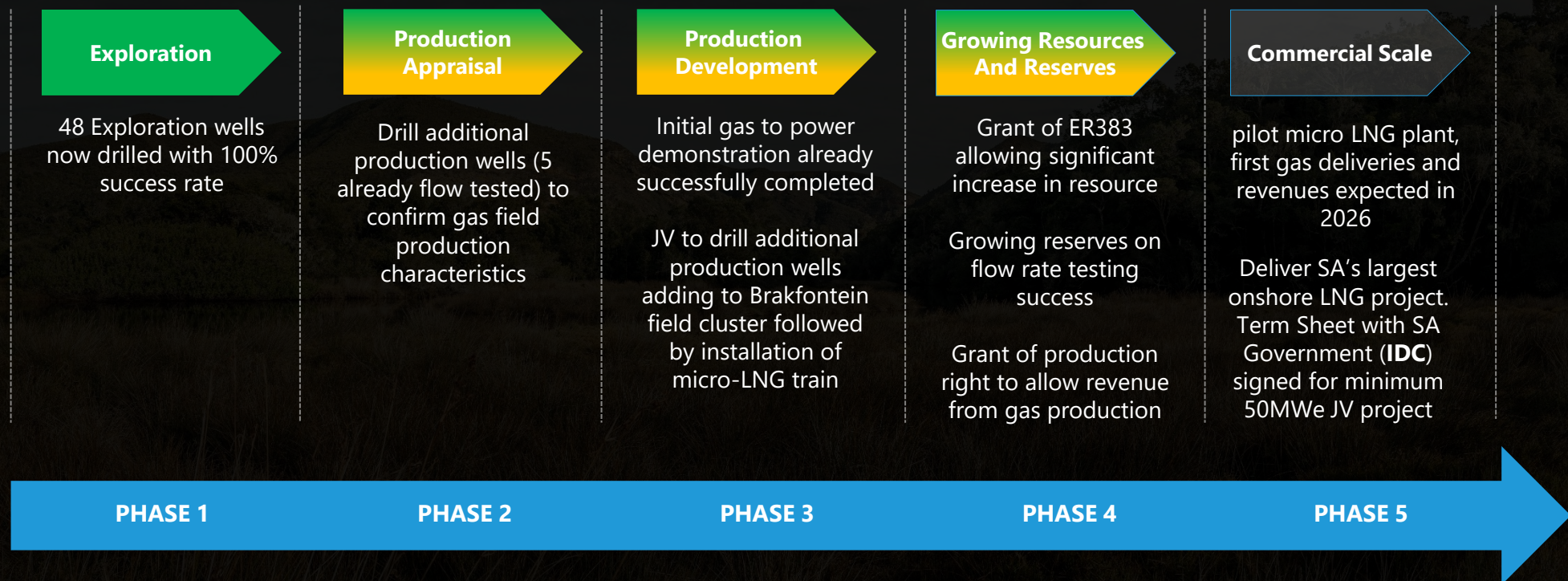
Gas to power demonstrated in May 2024 confirming the quality of gas, requiring minimal refining and the ability to generate revenue quickly upon grant of Production Right. Pilot plant to use proven scalable micro-LNG technology



## DE-CARBONISATION

Coal based power being rapidly decreased in SA, ESKOM coal based power stations being decommissioned , with Government highly supportive of gas as an alternate means to energy production

# Phased Development Strategy



- Kinetiko holds a clear, sequenced execution strategy to develop the basin into a position of being fully commercialised for energy delivery into the South African Energy Market
- The upcoming appraisal production wells will deliver critical flow rate and depletion curve data for future development plans



# Flow Assurance Expert Report Confirms Gas Deliverability



## What We Learned

- Last two test wells encountered unexpectedly low gas flows
- Expert lab testing found gas flow blocked by water and foam used during drilling



## Key Findings (Oilfield Technologies Report)

- Core samples showed positive natural gas permeability
- Foam and water invasion reduced gas flow by up to 85%
- Geology confirmed and a mechanical issue only



## Operational Changes

- Kinetiko has adopted new drilling techniques to:
  - Minimise water invasion
  - Limit use of foam
  - Maintain pressure balance and protect formation



## Forward Strategy

- New test well spudded in May 2025 with drilling using optimised protocols
- Expected to validate strong, consistent gas flows



*"Laboratory analyses performed by OT confirmed that core samples exhibited favorable permeability characteristics under in-situ conditions. However, controlled laboratory simulations replicating the effects of fluid invasion during drilling'- specifically water ingress and the use of high-viscosity foam demonstrated a marked degradation in gas permeability."*



**Gas blockage has progressively broken down in both wells with second test well now flaring.**

# Near Term Timeline

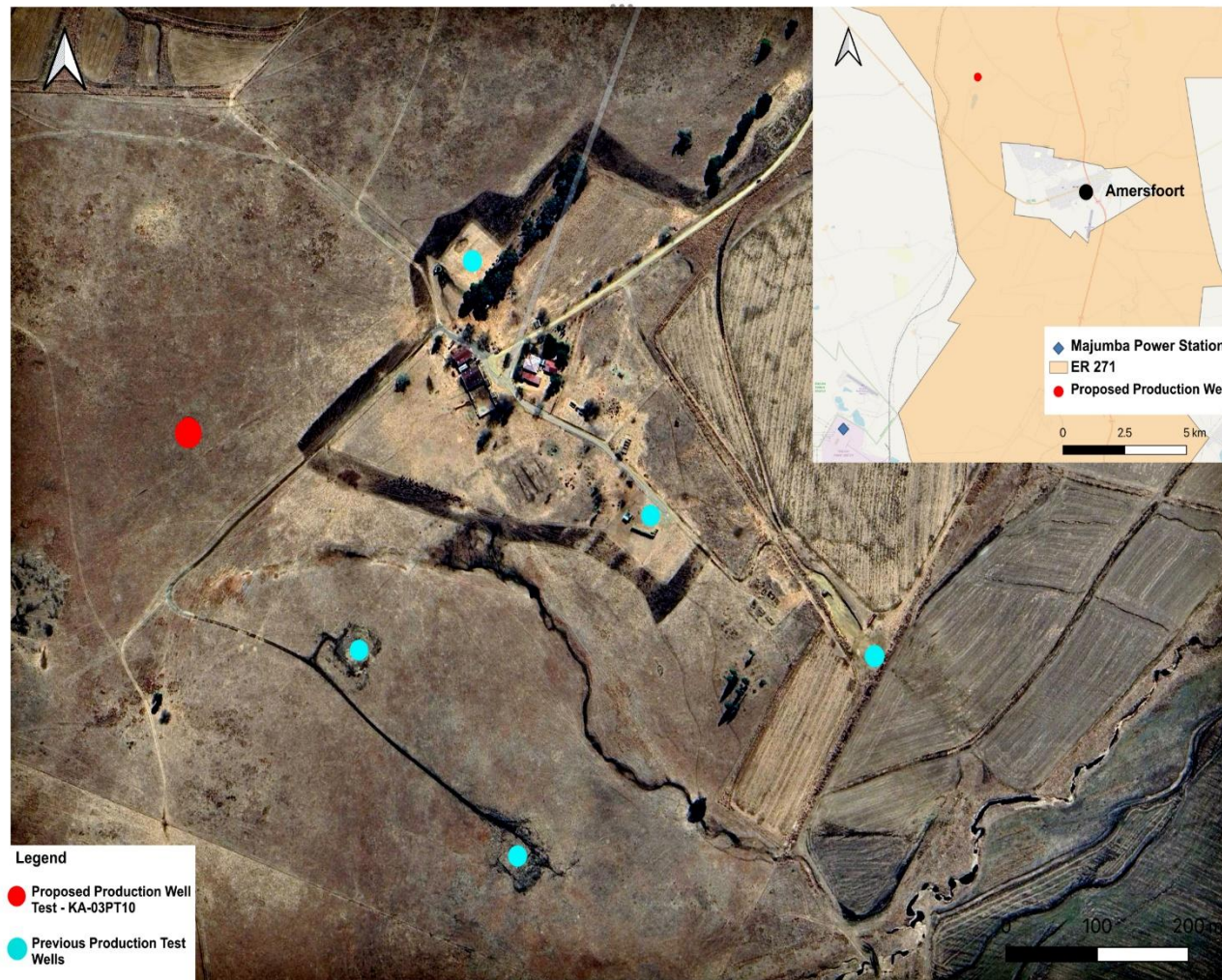


NEAR TERM EXECUTION PATHWAY		CY25												CY26			COMMENT
		J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	
Productions Test Wells Drilling																	Assess viability of multiple development sites
Drill Optimisation Program																	Completed
Extended Flow Testing Results																	Mitigate technical risk and provide data for further Reserve calculations
Brakfontein JV Production Wells																	Initial pilot plant production cluster as part of initial IDC JV
Brakfontein JV Flow Results																	Provide pilot plant commercial modelling characteristics
ER383 Grant -																	60% increase in landholding, vastly increasing resource/reserve potential
Production Right Grant ER271																	Secure long-term tenure and revenue generation capacity



# Production Test Program

Next production test wells in strategic locations to enhance commercial development and resource/reserve expansion



Development focused exploration program drilling production appraisal wells to identify high flow rate gas zones and sites for development of production clusters



Initial 2 wells showed limited gas flows. O&G flow assurance experts Oilfield Technologies laboratory testing suggest inhibited gas production from these wells caused by mechanical rather than geological factors



Further laboratory testing of source rock samples identified permeability of the underlying geology sufficient to support enhanced gas flows, with water and HV foam ingress confirmed to have reduced permeability by up to 85%



Drill procedures have been optimised to minimize filtrate invasion, regulate HV foam usage and maintaining pressure balance to preserve formation integrity



Next well spudded at Brakfontein in proven geology in May 2025 will use optimised drill procedures and accelerate planned pilot gas production field by adding additional well to existing production cluster



Well depth anticipated to be 450m at estimated cost of less than \$500k and completed in less than 4 weeks



Following wells planned adjacent to Majuba power station in deeper southern geology

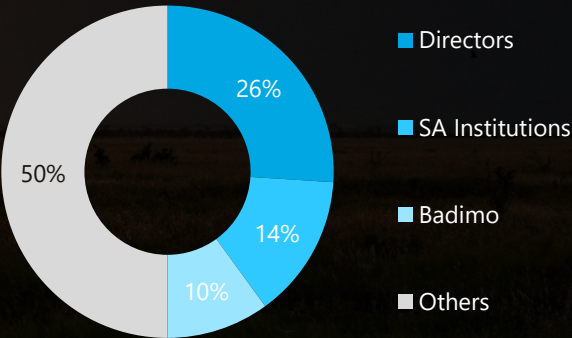
# Corporate Overview



SHARE PRICE & VOLUME



SHAREHOLDINGS



CORPORATE SNAPSHOT

Shares on Issue	1,433m
Options & Performance Rights	46.7m
Share price (12/05/2025)	\$0.06
Market capitalisation	~\$86m
52-week high	\$0.11
52-week low	\$0.058
Cash & Cash Equivalents (31/3/2025)	~\$0.4m

MAJOR SHAREHOLDERS

Shareholder	Shares (m)	%
Mr Don Ncube	251.1m	17.5%
Mr Brendan David Gore <Gore Family No 2>	125.0m	8.7%
Phefo Power (Pty) Limited	120.9m	8.4%
Mr Robert James Macmillan	92.2m	6.4%
Mr Adam Sierakowski	78.3m	5.5%
Talent 10 Holdings (Pty) Ltd	76.7m	5.4%
Ageus Pty Ltd	43.6m	3.0%
Dirk Robert Bulder	35.7m	2.5%
Svenn Louw Bulder	35.3m	2.5%



# DISCLAIMER / APPENDIX



This document should be read in conjunction with any other available information on Kinetiko Energy Ltd.

This document is a summary only and does not include all information about the Company's assets and liabilities, financial position and performance, profits and losses, prospects and the rights and liabilities attaching to the Company's securities.

Any securities that may be issued by the company should be considered speculative and there is no guarantee implied or explicit that there will be a return on the capital invested or that any dividend will be paid or that there will be an increase in the price or value of the Company's shares in the future.

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Although the Company believes that its expectations reflected in forward looking statements or implications are reasonable, such statements and implications involve risk and uncertainties, no assurance can be given that actual results will be consistent with the forward-looking statements and implications.

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This presentation contains technical information derived from third party sources and not generated by the company, as such while the Company considers the information presented and any conclusions drawn correct it is unable to guarantee the veracity of the information or therefore the appropriateness of the conclusions reached.

Unless otherwise specified, information in this report relating to operations, exploration, and related technical comments has been compiled by registered Petroleum Geologist, Mr Paul Tromp, who has over 40 years of onshore oil and gas field experience. Mr Tromp consents to the inclusion of this information in the form and context in which it appears.



# Board & Management



## **Adam Sierakowski Executive Chairman**

Adam is a seasoned lawyer and founding director of Palisade Corporate and Trident Capital. With over 21 years of experience in the legal field, he has also held director positions in ASX listed companies, further demonstrating his deep understanding of the industry.



## **Don Ncube Non-Executive Director**

Donald has a master's degree in Manpower Studies from the University of Manchester. Mr Ncube is recognised and respected as one of the reputable pioneers of Black Economic Empowerment. He is the founder and former Chairman and Chief Executive Officer of Real Africa Holdings (Pty) Ltd, a listed company on the JSE.



## **Rob Bulder (Interim CEO) Non-Executive Director**

Rob qualified as a Chartered Accountant in 1987 and has over 30 years of commercial experience. Mr Bulder has held numerous senior management and executive board positions in the manufacturing, financial services, IT, airline and gas industries, overseeing multi-billion Rand budgets.



## **Robert Scharnell Non-Executive Director**

Robert is an experienced executive with over 30 years of demonstrated achievement at Chevron Corporation in establishing and implementing business strategy. He has conducted business in over 20 countries and under complex situations, for large values including negotiating multi-lingual agreements, sales/purchase transactions, and settling claims and disputes on the scale of over \$1 billion in value.



## **Hendrik Burger Jr Operations Manager**

Hendrik Burger, or "Junior", as he is known to our team, has been with Kinetiko from the start of test well operations in 2012. He has maintained continuity for the project with the local communities and since 2012 has resided in Amersfoort, the hub of the project.



## **Richard Wolanski Corporate Finance**

Richard Wolanski, B.Com, ACA, is a Chartered Accountant with qualifications that include a Bachelor of Commerce from the University of Western Australia. Richard has over 30 years professional experience in the finance and mining industries at an international level.



## **Paul Doropoulos Chief Financial Officer**

Paul Doropoulos has approximately 25 years of combined experience in an Executive Consultant capacity to ASX listed companies in the energy, minerals, mining services and media sectors. Time during this period was spent as both an Executive and Non Executive Director of ASX companies.



## **Simon Whybrow Company Secretary**

Simon is a highly driven and dedicated professional with a wealth of experience as a CFO, Company Secretary, and Commercial Manager.



# Resource & Reserves



License <sup>1,4</sup>	1C	2C	3C
Total CBM and SST CR	2,846.0	6,031.4	17,429.1

License <sup>2,4</sup>	1U	2U	3U
ER 271	-	-	-
ER 270	3,201	5,413	8,396
ER 272	303	406	529
Total	3,504	5,819	8,925

Reserves <sup>3,4</sup>	PDP	PDNP	PUD	Total Proved (1P)	Proved + Probable (2P)	Proved + Probable + Possible (3P)
Gas (MMCF)	0.0	655.3	3,276.5	3,931.8	6,427.5	10,047.4

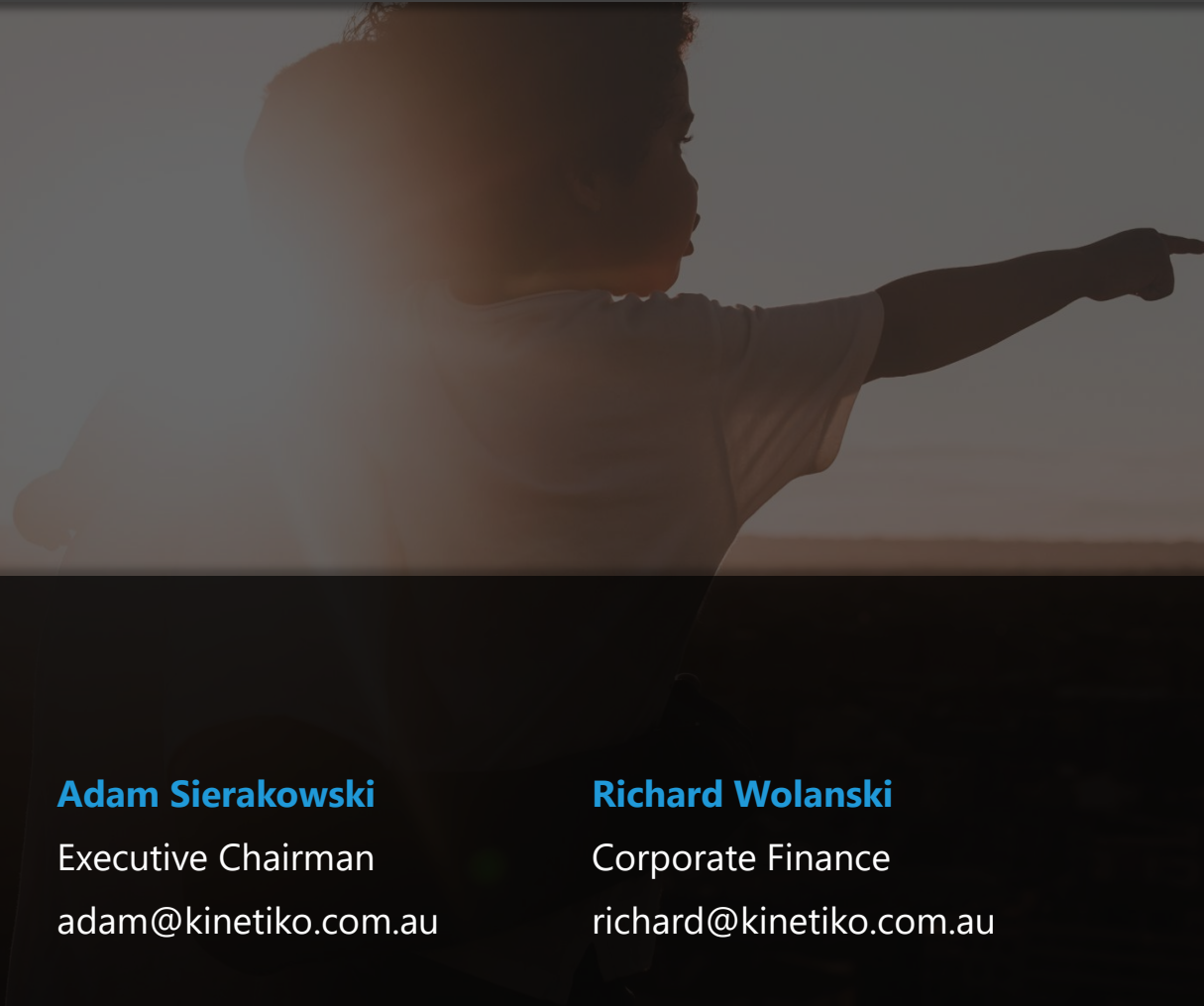
(1) Total Contingent Resources Calculated for the Three Kinetiko Licenses (in Bcf, Gross)

(2) Prospective Convectional Resources Calculated for the Three Kinetiko Licenses (in Bcf, Gross). The estimated quantities of petroleum that may potentially be recovered by the application of a future development project(s) relate to undiscovered accumulations. These estimates have both a risk of discovery and a risk of development. Further exploration appraisal and evaluation is required to determine the existence of a significant quantity of potentially recoverable hydrocarbons.

(3) Summary of Net Gas Reserves for ER 271 Gas Field Development Project (Gross)

(4) Refer to the Company's announcement dated 21 August 2023 titled 'Maiden Gas Reserves & Major Increase in Contingent Resource Confirms Positive Economics & Enormous Scalability'. The Company confirms that it is not aware of any new information or data that materially affects the information included in the announcement dated 21 August 2023 and that all the material assumptions and technical parameters underpinning the estimates in the relevant market announcement continue to apply and have not materially changed.

# CONTACT



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