



Botala Energy Ltd

EMPOWERING
PROGRESS

Botala Energy Ltd

General Meeting, June 2024

CEO Kris Martinick





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Oil and Gas Reporting

The information in this document that relates to petroleum or gas reserves, contingent resources or prospective resources for the projects in which Botala Energy has acquired tenure over was released in the Company's prospectus lodged with ASIC on 16 May 2022 in respect of its initial public offer of shares on ASX. Botala Energy confirms that it is not aware of any new information or data that materially affects the information in this document.

Nature of Petroleum (Gas) Exploration Risks

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An investment in Botala Energy is considered to be speculative in nature. Before making any investment decision in connection with any acquisition of securities, investors should consult their own legal, tax and/or financial advisers in relation to the information in, and action taken on the basis of, this document.

No other material authorised

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Acceptance

By attending an investor presentation or briefing, or accepting, accessing or reviewing this document you acknowledge and agree to the "Disclaimer" as detailed above.



Reporting Notes

Prospective Resources Cautionary Statement

For prospective resources, 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. See slide 5.

Prospective Resources Reporting Notes

1. The prospective resources information in this document is effective as of the date of the Prospectus (Listing Rules (LR) 5.25.1).
2. The prospective resources information in this document has been estimated and is classified in accordance with SPE-PRMS (Society of Petroleum Engineers Petroleum Resources Management System) (LR 5.25.2).
3. The prospective resources information in this document is reported according to the Company's economic interest in each of the resources and net of royalties (LR 5.25.5).
4. The prospective resources information in this document has been estimated and prepared using the deterministic method (LR 5.25.6).
5. This document does not include estimates of petroleum reserves, contingent resources and/or prospective resources in units of equivalency between oil and gas (LR 5.25.7).
6. This document does not include estimates of petroleum reserves (LR 5.26.5).
7. Prospective resources are reported on a low, best and high estimate basis (LR 5.28.1). See slide 5.
8. For prospective resources, the estimated quantities of petroleum that may potentially be recovered by the application of future development projects relate to undiscovered accumulations. These estimates have both an associated risk of discovery and a risk of development. Further appraisal and evaluation is required to determine the existence of a significant quantity of potentially moveable hydrocarbons (LR 5.28.2).
9. In respect to the contingent and prospective resources referred to in this document, Botala's working interest is 100% as at the date of this document.
10. The contingent and prospective resources and the methodology for their estimation is set out in the Prospectus.
11. Botala deems the chance of discovery of methane in the target coals to be excellent with a probably of greater than 90% (LR 5.35.3).
12. Prospective resources are un-risked and have not been adjusted for an associated chance of discovery and a chance of development (LR 5.35.4).



The 2026 Gas Cliff - Southern Africa Energy Crisis

Sasol's Announcement: Ceasing gas supply by June 2026 due to depleted Mozambican gas fields (Pande and Temane).

*Electricity Demand: 3400 PJ of gas and 100GW of new capacity needed by 2030 Gas

(Source*IEA African Energy Outlook 2022)

Botala Energy's Competitive Advantage

- a. 100% Ownership of Serowe Coal Bed Methane (CBM) Project: Acquired remaining 30% from Pure Hydrogen to streamline operations and planning.
- b. Project Robustness: technical and commercial viability:
 - Resources: 8.1 Tcf Prospective Resource and 317 Bcf Contingent Resource certified by Sproule.
 - Infrastructure: Strategic location near existing infrastructure for rapid development.
 - Desorption Testing: Ongoing tests exceeding expectations with promising sustainable gas flow rates expected by Q3/2024.
- c. Strategic Partnerships: Advanced discussions with large local partners to fast-track development and meet market demand.





Evolution of CBM Gas in Botswana



Discovery – First discovered early 2000s.

Initially, emulate Queensland, Australia, by exporting gas via pipelines for LNG trains to Asia.



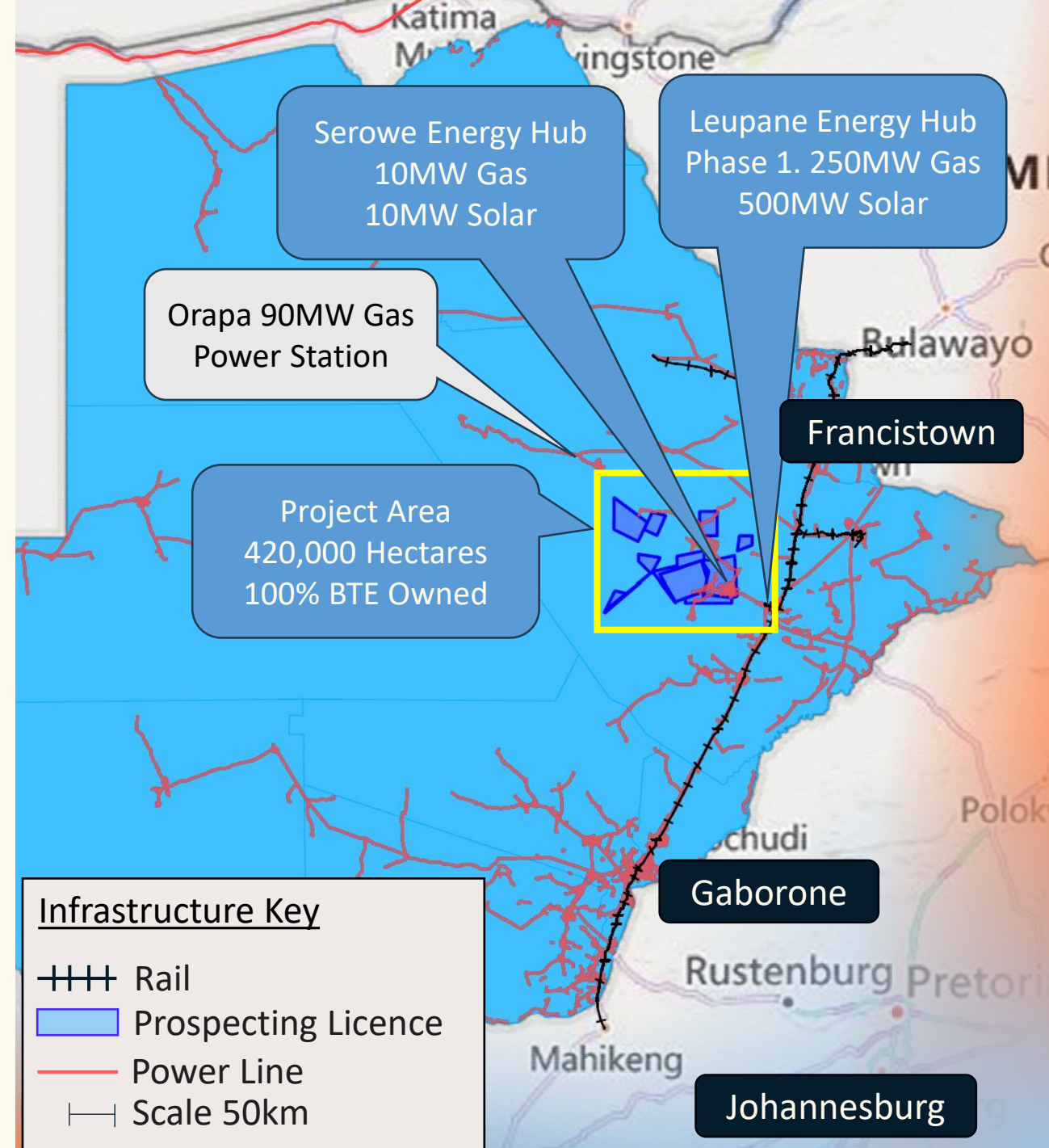
Challenges – Botswana's landlocked position made large-scale export to Asia impractical. Presence of local market was not appreciated because of coal



Current Market Readiness - Today, Botswana is politically stable and considered **land-linked**, with a high demand for energy in the region.



Strategic Advantage - Botswana is now positioned to meet this demand with its Serowe CBM Project, leveraging local and regional infrastructure.





S3-4 Cores Serowe Coal

Vitrinite From 361m

Calcite filled fractures with cleats and bedding planes



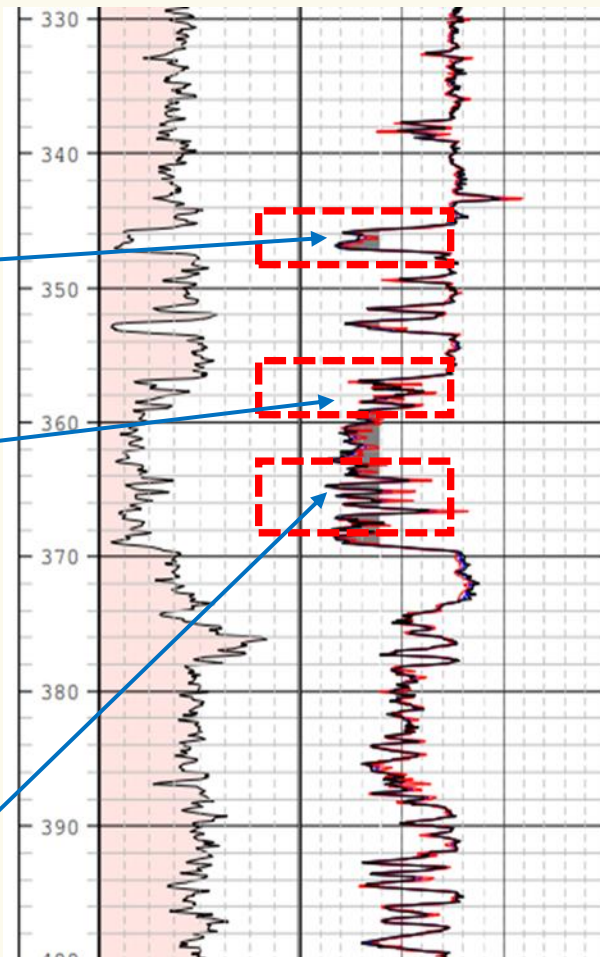
Cleaty Vitrinite 359m



Slightly less bright corresponds to wireline with lower resistivity compared to more cleated and vitreous sections of core above and below.



Calcite filled veins along planes within a vitreous coal with bands of cleated vitrinite





Gas Field Technical Update

- Desorption testing from coal seam cores
 - Determine the amount of gas produced from a sample section and used to extrapolate the amount of gas over a wider area.
 - Stage 1 – Lost gas (Called Q1): Predict gas amount which may have been lost in the process of drilling and handling.
 - Stage 2 - Desorbable gas (called Q2): Measuring gas pressures daily over a 4-month period.
 - Stage 3 - Crushed gas (called Q3): Core samples sent to a lab are crushed
 - The total gas content (QT) the sum of Q1, Q2, and Q3.
- Conservatively (QT) 2.4 cubic centimeter per gram (cc/g) used in current independent certification.
 - The current testing of is between 2.4-2.9 cc/g and still climbing
 - Exceeding the target would indicate more gas resources possible in the area.
 - Data is in line with the low-cost NMR testing used on the exploration wells.





Project Development Plans – Gas and Solar at Serowe

Gas Development

Project Pitse

Phase 1 (Current)
Pilot Well
Programme

Phase 2
Upstream Processing & ~1-2MW
Gas Power

Solar Development

Project Phuthi

¹Phase 2
4MW Solar Pilot

²Phase 3
~250MW Solar
Pilot

Know
How

Know
How

20MW Grid Connected
Commercial Pilot³

10MW
Gas

10MW
Solar

- Affordable and reliable energy
- Reduced emissions
- Energy Security
- Market Demand

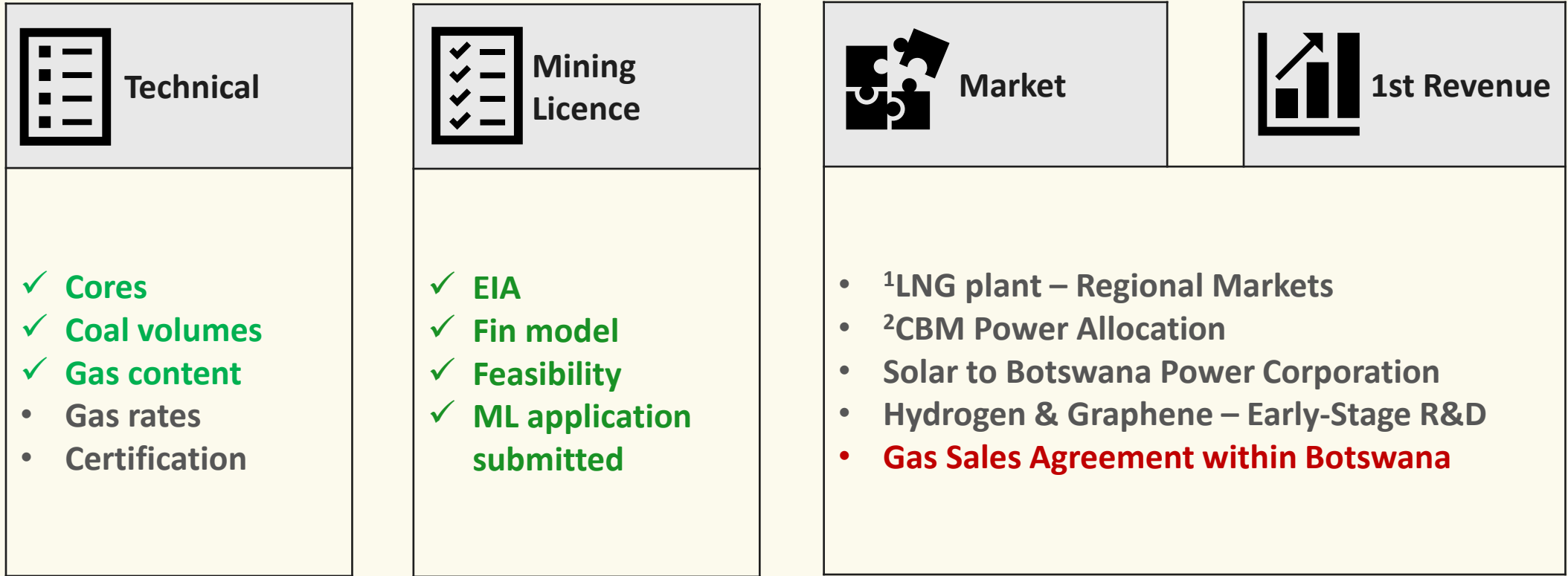
¹Botala has been conducting studies into the development of renewable technologies complimentary to gas with a view to reducing operating expenses and emissions

²Study work has looked at scales of economy which would improve the value add of renewables to a larger gas project.

³Botala would need to raise additional funds for development of the field. The Company is currently evaluating future capital raising opportunities to support future work programmes (the pricing and quantum of which is yet to be determined).



Project Pitse: Pathway to First Revenue



Completed
Work in progress
Not yet commenced

¹ Botala has completed pre-feasibility work on an LNG concept which has the potential to distribute LNG via trucks from the field, the decision to proceed is based on further engineering work and commercial negotiations.

² Botala has applied for an allocation within the Botswana Integrated Resource Plan (IRP); the IRP outlines a roadmap of the Botswana based power generation resources for the next 20 years. The Company is currently evaluating future capital raising opportunities to support future work programs (the pricing and quantum of which is yet to be determined). The above timeline is indicative only and subject to change without notice



Key Milestones

Key Milestones	Status	Key Targets
Gas Desorption Testing	Ongoing – Exceeding expectations	QT > 2.4
Gas Sampling	Underway	CO2 < 10%
Gas Flowrate	Pitse under construction	Low > 40 mscfd Med > 80 mscfd
Recertification	Underway	> 400bcf (2C)
EIA Upstream – Field Development Downstream – Serowe Downstream – Leupane	 Awarded Final Stage - public review Final Stage - public review	
Commercial	Negotiations* underway	Power Purchase Agreement Gas Allocation for Development Gas Sales Agreement

**These discussions are subject to ongoing negotiations and the parties agreeing binding documentation and, as such, investors are cautioned not to place undue reliance on any such transactions materialising. The Company will keep the market informed in accordance with its continuous disclosure obligations*

Botala Energy Ltd

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Thank You

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