



Comet Ridge

# 2023 Annual General Meeting

Presentation by:  
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22 November 2023

# Important notice and disclaimer

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## Past performance

Past performance information given in this Presentation is given for illustrative purposes only and should not be relied upon as (and is not) an indication of future performance.

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This Presentation contains certain "forward-looking statements". Forward looking words such as, "expect", "should", "could", "may", "plan", "will", "forecast", "estimate", "target" and other similar expressions are intended to identify forward-looking statements within the meaning of securities laws of applicable jurisdictions. Indications of, and guidance on, future earnings and financial position and performance are also forward-looking statements. Forward-looking statements, opinions and estimates provided in this Presentation are based on assumptions and contingencies which are subject to change without notice, as are statements about market and industry trends, which are based on interpretations of current market conditions. Such forward-looking statements, opinions and estimates are not guarantees of future performance.

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## Mandatory Gas Code of Conduct

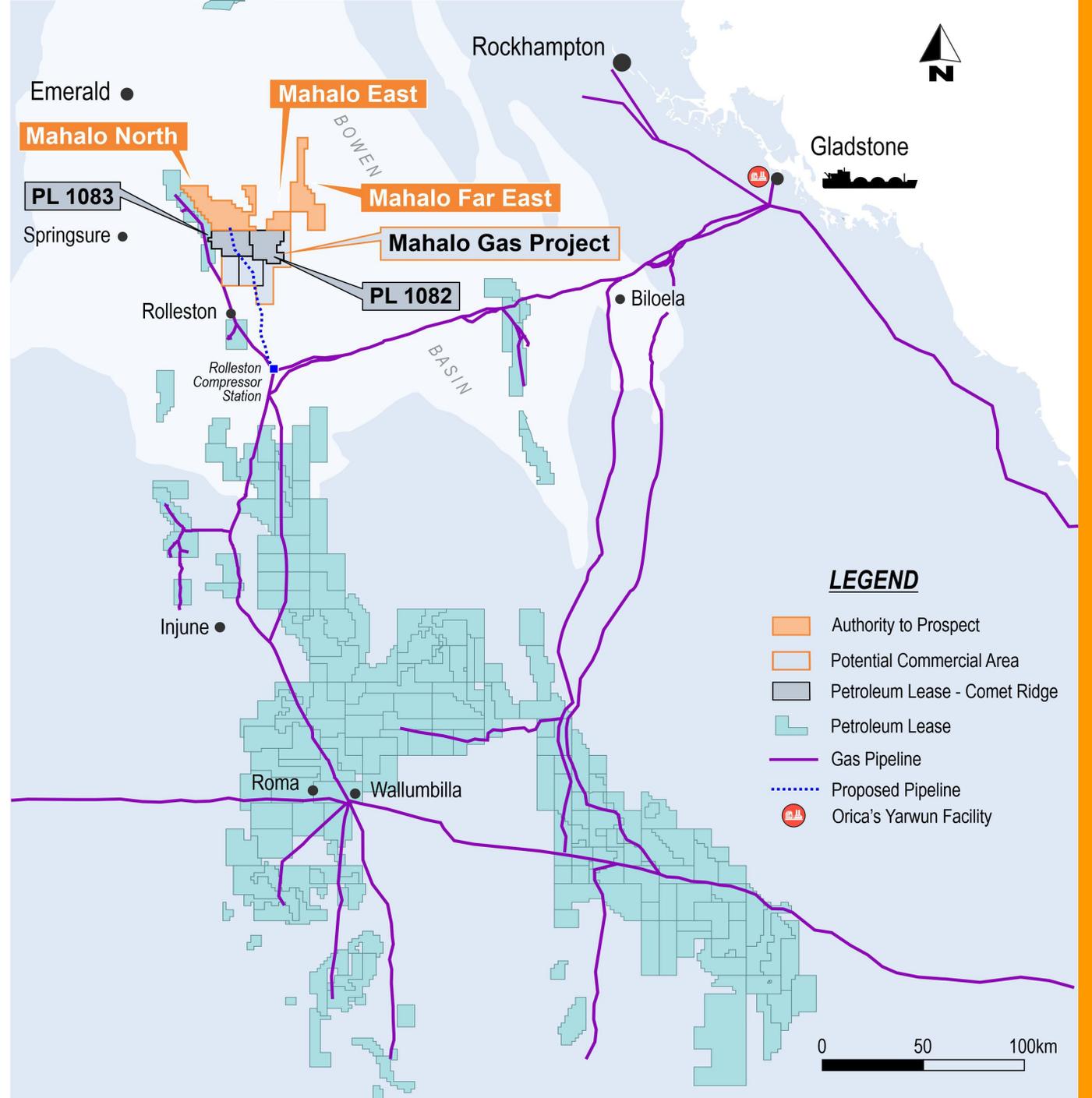
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- ❖ \$12/GJ price cap extended to June 2025
- ❖ Reasonable price provisions removed
- ❖ Complicated arbitration provisions removed
- ❖ Small producers exempt from price cap
  - ✓ Less than 100 PJ/a of production
  - ✓ 100% Domgas supply
- ❖ Exemptions encouraged for small producers who wish to supply some gas to export markets
- ❖ Final version issued 10 July 2023

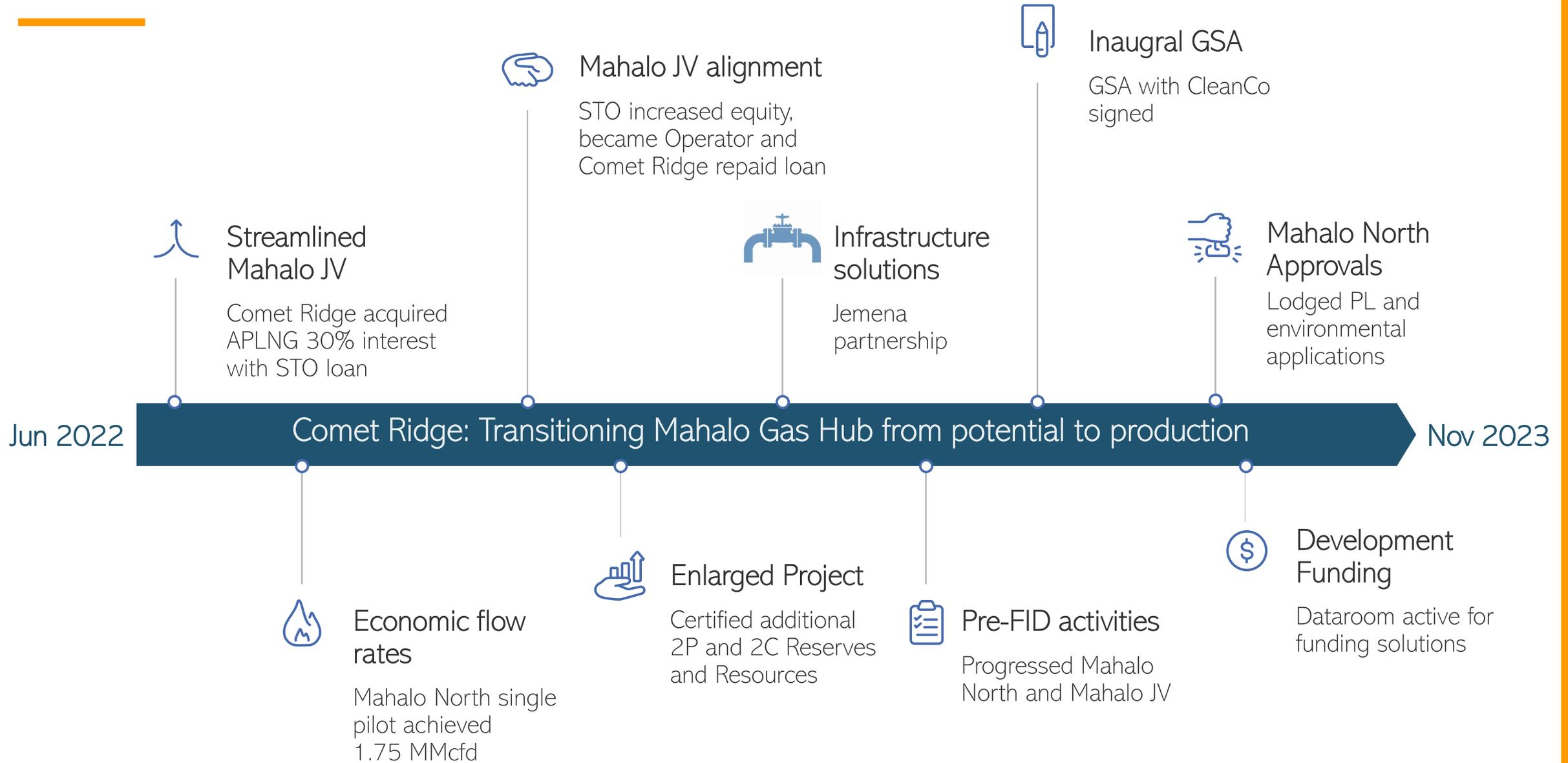
## Pressure building on east coast gas market

- ❖ Investment slowed significantly during uncertainty created by market intervention
- ❖ Decline in southern production and pipeline constraints
- ❖ Numerous long-term contracts expiring and need to be replaced
- ❖ Additional gas demand being driven by Safeguard Mechanism to meet emissions targets
- ❖ Price cap has become a “price anchor” for new contracts and a “price floor”

# Mahalo Gas Hub: Large gas development close to QGP & Santos GLNG pipelines



# Mahalo Gas Hub: recent progress



# Mahalo Gas Hub: path to production



## Mahalo Gas Hub

Targeting a low-cost, high-production, multi-decade gas hub



## Close to infrastructure

Jemena engaged as pipeline partner



## Mahalo JV Project

Certified gross 2P Gas Reserves of 266 PJ  
Environmentally approved & licensed for production



## Mahalo JV operator

Santos experienced, modular-based, low-cost operator



## Reserve and Resource additions

Mahalo North pilot well has added 43PJ of 2P Reserves to project and can be replicated to grow Reserves and Resources further across Comet Ridge's 100% owned northern acreage



## GSA executed

CleanCo GSA executed and negotiating further offtake arrangements with DomGas parties

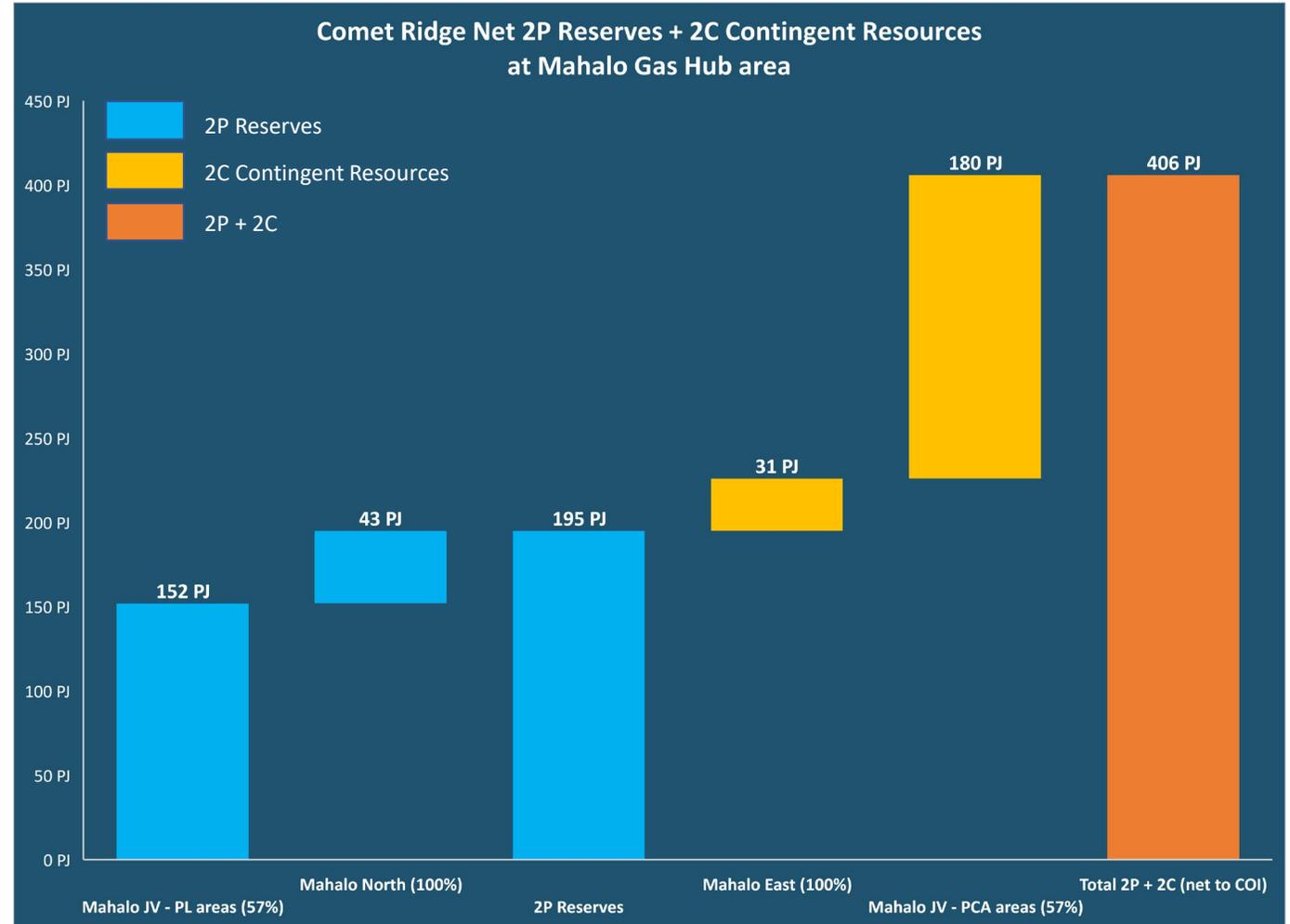


## Project funding

Active process underway for development funding with dataroom and advisors

# Certified Gas Reserves and Contingent Resources

- Comet Ridge has certified a large 2P Reserve and 2C Resource base at Mahalo Gas Hub
- Comet Ridge's net position is 406 PJ of 2P + 2C, comprising:
  - 2P Reserves at Mahalo JV of 152 PJ (in existing PL areas)
  - 2P Reserves at Mahalo North of 43 PJ (in new PL application area)
  - 2C Resources at Mahalo East of 31 PJ (on trend with Mahalo JV and Mahalo North 2P Reserves)
  - 2C Resources at Mahalo JV of 180 PJ (in the PCA areas to south of Mahalo JV PLs)



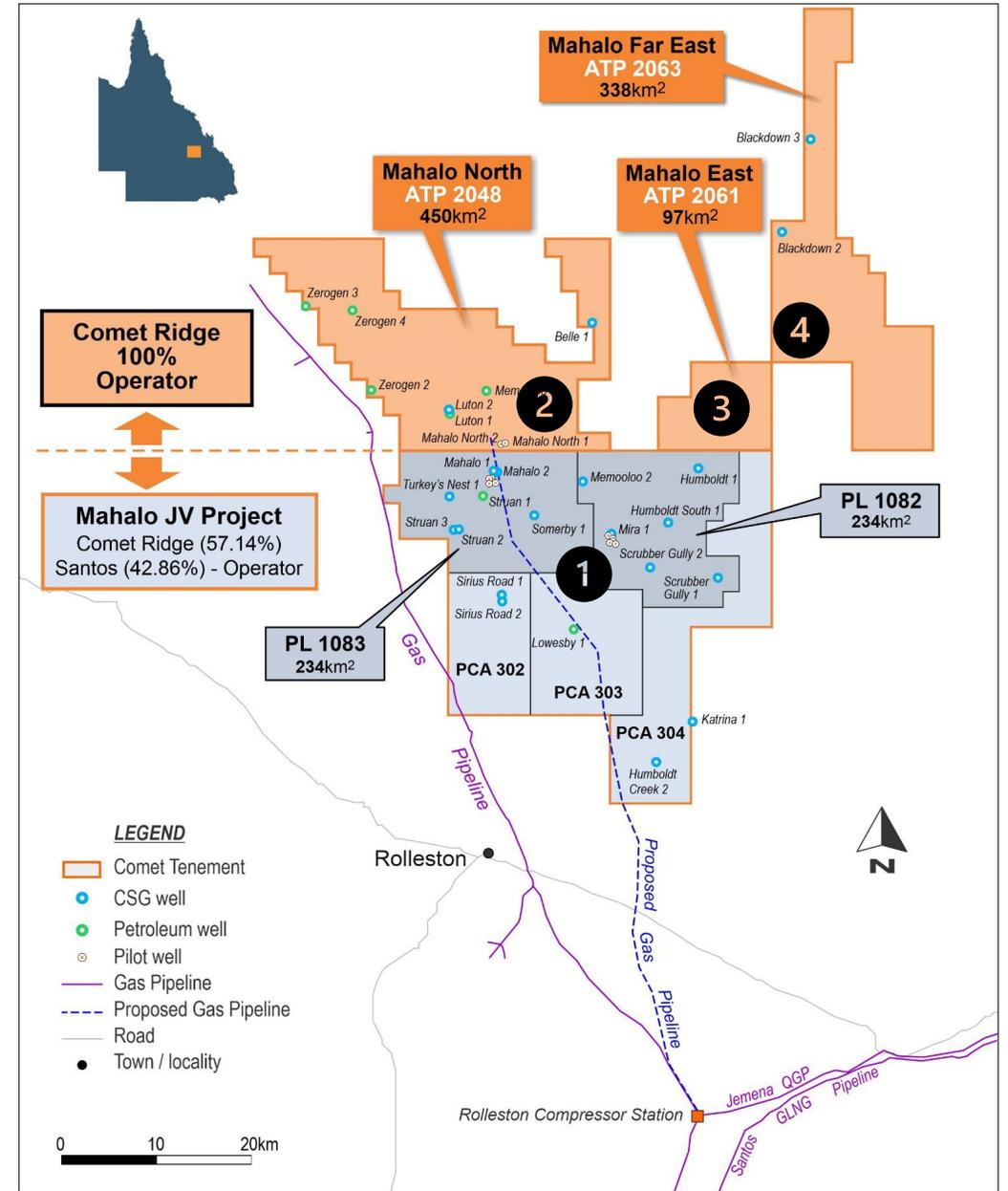
\* Refer to the Competent Person Statement in the Appendix.

# Mahalo Gas Hub: Certified Reserve and Resource areas

Current 2P + 2C of 406 PJ

Mahalo Gas Hub permits	Area	COI interest	Net Reserves*		Net Contingent Resources*	
			2P	3P	2C	3C
	km <sup>2</sup>	%				
<b>1</b> Mahalo JV project (PL 1082/1083) (PCA 302,303,304)	989	57.14%	152	262	180	294
<b>2</b> Mahalo North (PLA 1128, ATP 2048)	450	100%	43	110		
<b>3</b> Mahalo East (ATP 2061)	97	100%			31	122
<b>4</b> Mahalo Far East (ATP 2063)	338	100%				being evaluated
<b>TOTALS</b>	<b>1,874</b>		<b>195</b>	<b>372</b>	<b>211</b>	<b>416</b>

\* Refer to the Competent Person Statement in the Appendix.



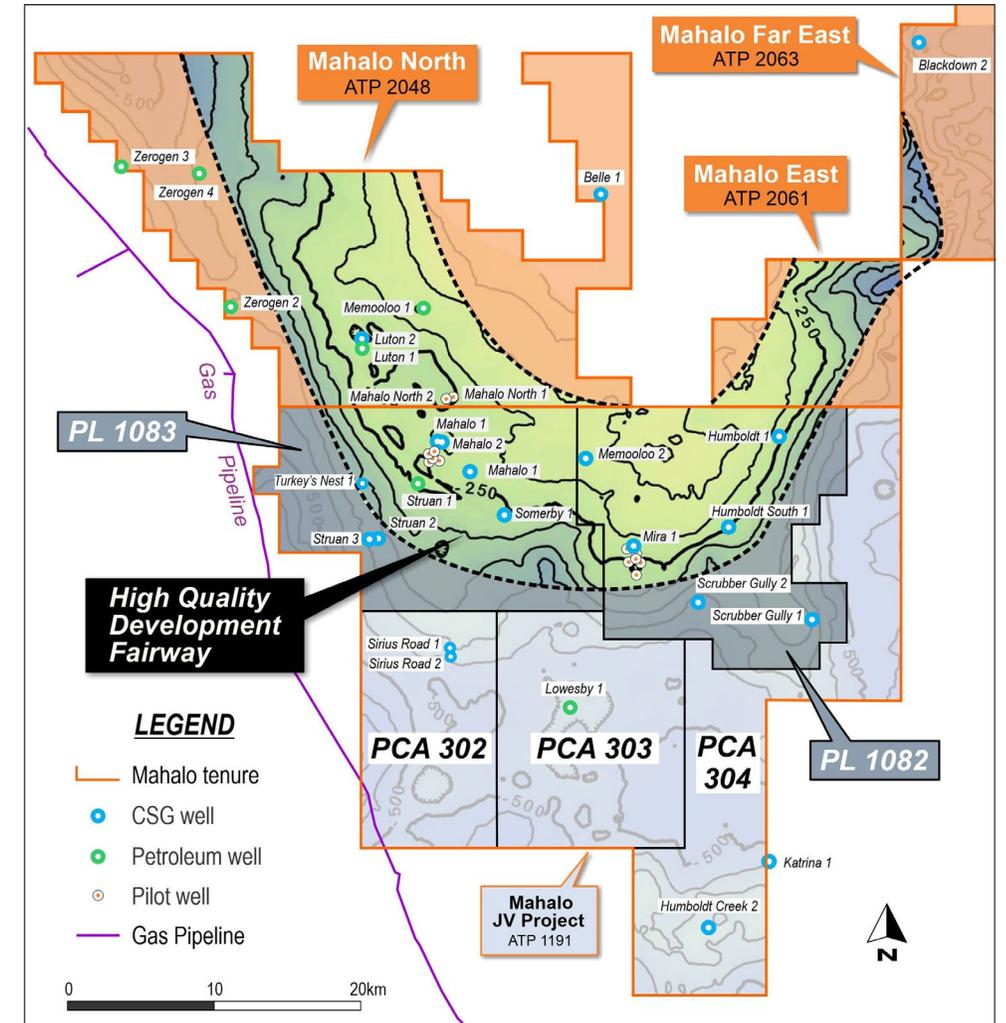
# Mahalo Gas Hub: key qualities

Mahalo area progressing to be a major east coast hub – proven gas rates close to infrastructure in the east coast market

- High productivity shallow reservoir - lower capex and lower cost gas
- Proven production:

Mahalo North 1 (dual lateral)	1.75 MMcfd	Highest flow from a pilot well in the Mahalo Gas Hub area
Mira 6 (mid-length lateral)	1.40 MMcfd	Demonstrated longer lateral potential in fairway
Mahalo 7 (very short lateral)	0.43 MMcfd	Proved lateral well concept

- Southern Bowen Basin produces less water than other Qld basins
- Gas is sales specification with very minor CO<sub>2</sub>
- Very close to infrastructure:
  - 14 km to Denison processing and pipeline infrastructure
  - Approximately 80 km to Jemena's (QGP) transmission line to Gladstone



# Mahalo JV Gas Project: Comet Ridge and Santos

## Simplified JV structure

- Material equity positions for each participant
- Comet Ridge 57.14%
- Santos exercised option to increase from 30% to 42.86%
- Santos continues as Operator of Mahalo JV into development
- Large scale gas development project

## Extensively appraised gas project

- High productivity fairway confirmed in PL 1082 and PL 1083
- Gas Reserves are certified from pilot well gas flow performance
- Environmental approvals and petroleum leases are secured
- Santos modular and low-cost approach already implemented at nearby Arcadia South and North

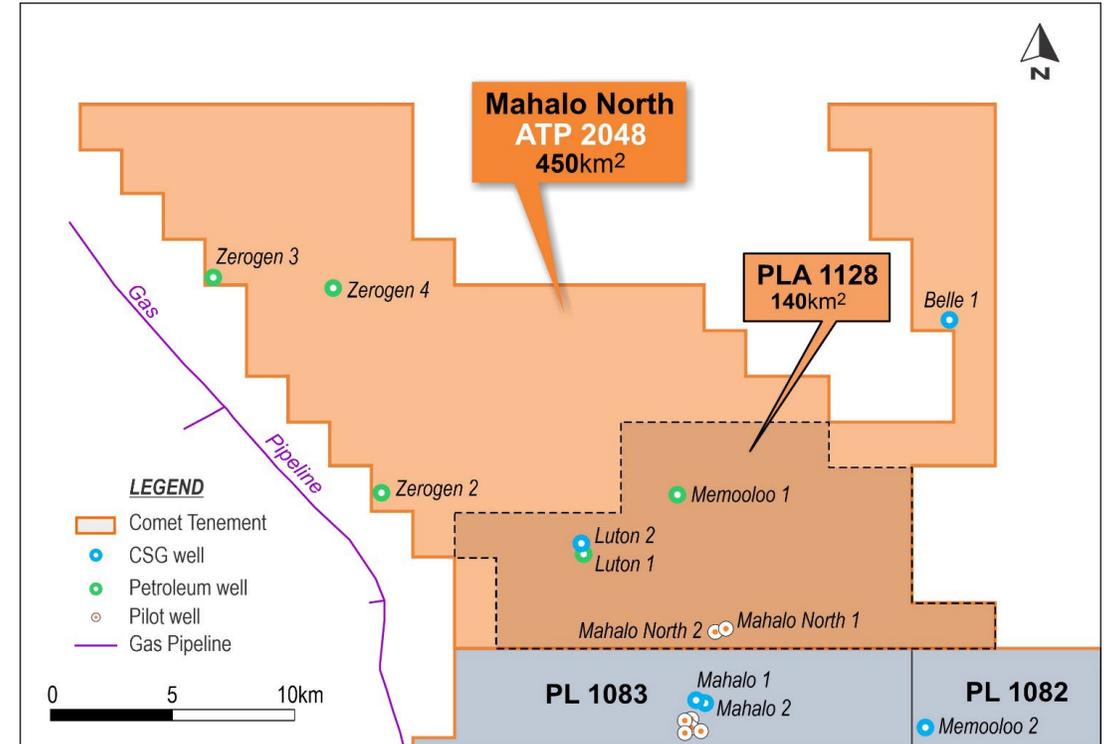
## Progressing infrastructure solutions

- Recent Jemena pre-FEED\* study
- Provide one common connection to southern domestic and LNG markets
- Comet Ridge opportunity for two gas projects
  - 57.14% owner and non-operator of Mahalo JV
  - 100% owner and operator of Gas Reserves from northern blocks

\* FEED: Front End Engineering Design

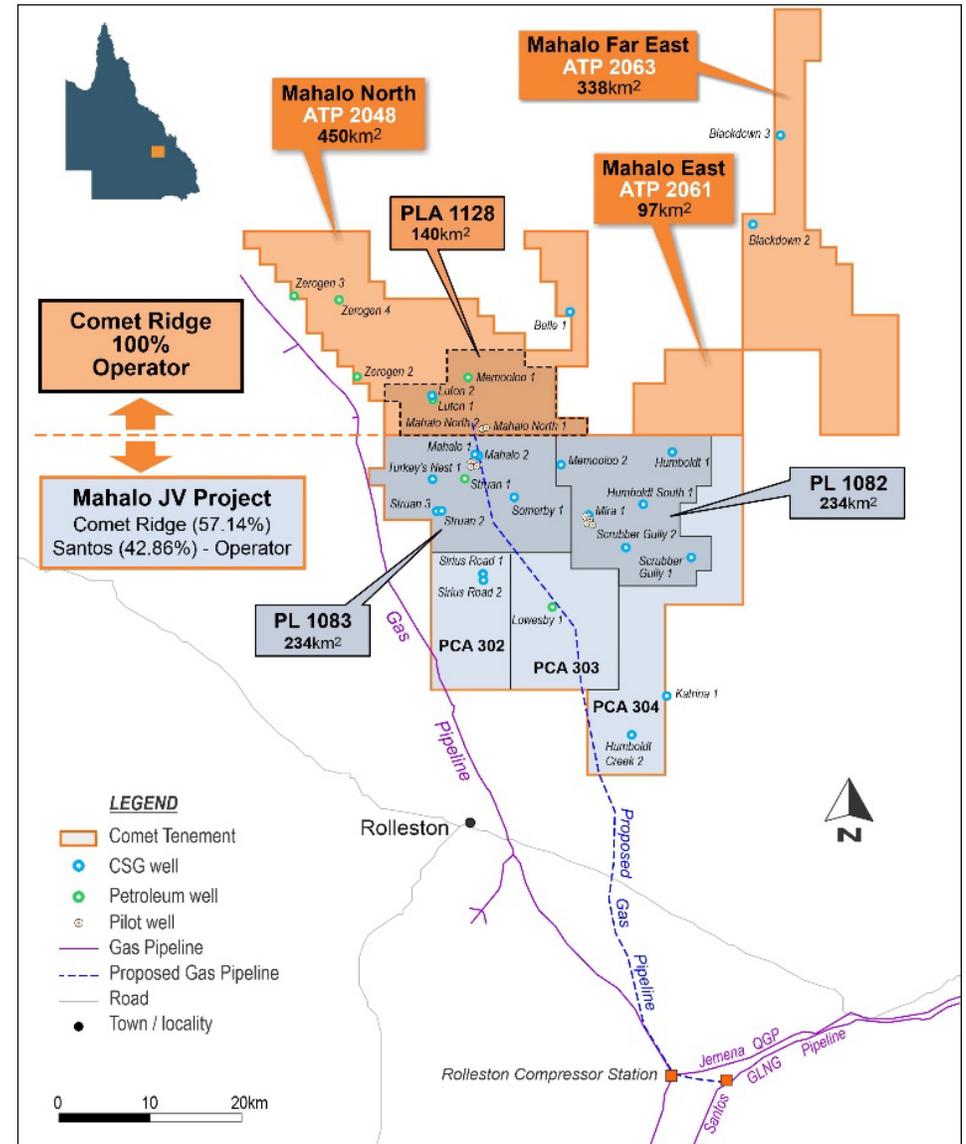
# Mahalo North: Government approvals underway

- A new **Petroleum Lease Application (PLA)** has been submitted to the Queensland Department of Resources (DOR)
- **PLA 1128** was assigned by DOR in October 2023
- The successful Mahalo North pilot test lies in the south of the PLA, which adjoins the Mahalo Joint Venture PL 1083 (containing the Mahalo pilot scheme) and PL 1084 (containing the Mira pilot scheme) areas
- Concurrent **environmental applications** have been submitted:
  - **State approval** (Department of Environment and Science)
  - **Federal approval** (Department of Climate Change, Energy, the Environment and Water)
- These applications were supported by extensive field environmental studies and assessments of air, noise, CSG water, ecology (terrestrial and aquatic), strategic cropping and groundwater



# Pipeline connection: critical path step

- Jemena have completed a pre-FEED\* study to build, own and operate ~80km pipeline connection from Mahalo North to Jemena's Queensland Gas Pipeline (QGP)
- One large gas hub requires only one big pipeline – Comet Ridge, Jemena and Santos working collaboratively for shared pipeline for Mahalo JV and 100% owned blocks
- Comet Ridge targeting first gas sales into QGP in late 2025
- Comet Ridge running Denison connection option (14 km west) in parallel to provide for a potential earlier route to market



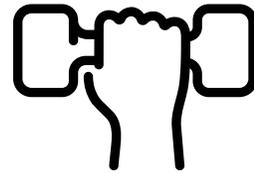
\* FEED: Front End Engineering Design

# Comet Ridge: key messages



## The role of natural gas in Australia

- Gas has an important role to play in the energy transition
- Gas is key for keeping manufacturing and food production running
- Natural gas will be needed for many decades
- Mahalo Gas Hub contains almost pure methane and very low CO<sub>2</sub>



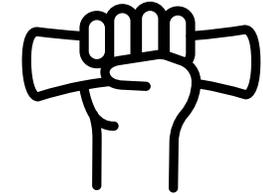
## East coast energy market is strained

- Queensland is doing the heavy lifting for natural gas production in the east coast market
- Southern state production declining
- Pipeline infrastructure constrains movement of gas into southern states



## Comet Ridge Mahalo Gas Hub, east of Gladstone

- Large 2P + 2C Reserves and Resource position
- Demonstrated commercial pilot well gas flows
- Quality JV and infrastructure partners in Santos and Jemena
- Inaugural GSA with CleanCo executed, awaiting imminent approval of Shareholding Ministers



## Status of production & pipeline licences

- Mahalo JV area approved for development
- Mahalo North PL and environmental approvals have been lodged
- Jemena providing pipeline BOO\* solution
- Progressing Mahalo North BOO of other facilities and funding for production wells

\* BOO: Build, own and operate

# Appendices



Comet Ridge

# Competent Person Statement

## Competent Person Statement and ASX Listing Rules Chapter 5 - Reporting on Oil and Gas Activities

The estimate of Reserves and Contingent Resources for the Mahalo Gas Project provided in this Presentation, is based on, and fairly represents, information and supporting documentation determined by Mr Timothy L. Hower of Sproule International (Sproule), in accordance with Petroleum Resource Management System guidelines. Mr Hower is a full-time employee of Sproule, and is a qualified person as defined under the ASX Listing Rule 5.42. Mr Hower is a Licensed Professional Engineer in the States of Colorado and Wyoming as well as being a member of The Society of Petroleum Engineers. Mr Hower has consented to the publication of the Reserve and Contingent Resource estimates for the Mahalo Gas Project in the form and context in which they appear in this Presentation.

The Reserve and Contingent Resource estimates for Comet Ridge's previous 40% interest in the Mahalo Gas Project were released to the Market in the Company's ASX announcement of 30 October 2019 and were estimated using the deterministic method with the estimate of Contingent Resources utilising the probabilistic method and not having been adjusted for commercial risk.

The Reserve and Contingent Resource estimates for the Mahalo Gas Project, following completion of the acquisition of APLNG's 30% interest and subsequent option exercise by Santos have been prepared by Sproule International by taking into account Comet Ridge's final equity position of 57.14%. The Reserves were estimated using the deterministic method with the estimate of Contingent Resources utilising the probabilistic method, and not having been adjusted for commercial risk.

The estimate of Reserves for the Mahalo North Project provided in this Presentation, is based on, and fairly represents, information and supporting documentation determined by Mr Timothy L. Hower of Sproule International (Sproule), in accordance with Petroleum Resource Management System guidelines. Mr Hower has consented to the publication of the Reserve estimates for the Mahalo North Project in the form and context in which they appear in this Presentation.

The Reserve estimates for Comet Ridge's 100% interest in the Mahalo North Project were released to the Market in the Company's ASX announcement of 2 November 2022 and were estimated using the deterministic method.

The estimate of Contingent Resources for the Mahalo East Project provided in this Presentation, is based on, and fairly represents, information and supporting documentation determined by Mr Timothy L. Hower of Sproule International (Sproule), in accordance with Petroleum Resource Management System guidelines. Mr Hower has consented to the publication of the Reserve estimates for the Mahalo North Project in the form and context in which they appear in this Presentation.

The Contingent Resource estimates for Comet Ridge's 100% interest in the Mahalo East Project were released to the Market in the Company's ASX announcement of 19 December 2022 and were estimated using the deterministic method.

The Contingent Resource for the Albany Structure located in ATP 744 are taken from an independent report by Dr Bruce McConachie of SRK Consulting (Australasia) Pty Ltd, an independent petroleum reserve and resource evaluation company. The Contingent Resources information has been issued with the prior written consent of Dr McConachie in the form and context in which they appear in this Presentation. His qualifications and experience meet the requirements to act as a qualified petroleum reserves and resource evaluator as defined under the ASX Listing Rule 5.42 to report petroleum reserves in accordance with the Society of Petroleum Engineers (SPE) 2007 Petroleum Resource Management System (PRMS) Guidelines as well as the 2011 Guidelines for Application.

The Contingent Resource estimates for the unconventional gas for the Gunn CSG Project located in ATP 744 provided in this Presentation are based on and fairly represent, information and supporting documentation determined by Mr John Hattner of Netherland, Sewell and Associates Inc, (NSAI) Dallas, Texas, USA, in accordance with Petroleum Resource Management System guidelines. Mr Hattner is a full-time employee of NSAI and is considered to be a qualified person as defined under the ASX Listing Rule 5.42 and has given his consent to the use of the resource figures in the form and context in which they appear in this Presentation.

Contingent Resource estimates for the Gunn CSG Project located in ATP 744 provided in this Presentation were originally released to the Market in the Company's announcement of 25 November 2010 and were estimated using the deterministic method with the estimate of Contingent Resources for ATP 744 not having been adjusted for commercial risk.

Comet Ridge confirms that it is not aware of any new information or data that materially affects the information included in any of the announcements relating to the Mahalo Gas Project, Mahalo North Project, the Mahalo East Project or ATP 744 and that all material assumptions and technical parameters underpinning the estimates in the announcements continue to apply and have not materially changed.