



Jade Gas Holdings Limited

(ASX: JGH)

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JADEGAS.COM.AU

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All references to dollars, cents or \$ in this presentation are to Australian currency, unless otherwise stated.

Competent Persons Statement

The hydrocarbon resource estimates in this presentation have been compiled by Mr Adam Craig who is an employee of RISC as part of the Independent Technical Specialists Report prepared for the Prospectus dated 14 July 2021. Mr Craig is a highly experienced Geoscientist and Manager, with over 30 years’ experience in the upstream oil & gas sector working for small and mid-size independents, as well as NOC related entities. He is a Certified Practising Geologist, a member of AAPG, PESA (2021 WA Branch President), EAGE, MAICD, and a Fellow of the Geological Society. He holds BSc in Geology from Curtin University, Western Australia and is a qualified petroleum reserves and resources evaluator (QPRRE) as defined by ASX listing rules.

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Why Invest in Jade?



MONGOLIA TRANSITIONING TO CLEANER ENERGY

Domestic power supplied mainly by coal. Importing gas and gas liquids from Russia and China.



FROM EXPLORATION TO APPRAISAL

Historic drilling identified gas bearing coal seams. Gas content consistent with regional experience.



FULLY FUNDED PROGRAM

Six well campaign and pilot program. IPO funds to cover upcoming Contingent Resource booking and 2022/23 activities.



GLOBAL ENERGY SHORTAGE

Gas markets globally strong, with increasing recognition that natural gas will play a crucial role in clean energy transition.



GOVERNMENT PARTNERSHIP WITH CAPABILITY

Partnership with Mongolian Government and strong Australian and Mongolian capability.

Corporate Overview

Jade is developing its flagship Tavantolgoi Coal Bed Methane gas project (TT CBM Project) in the South Gobi region of Mongolia

- TAVANTOLGOI-XXXIII PSA area includes the world-class TT coal deposit
- Flagship TT CBM Project in partnership with Mongolian Government to assist Mongolia with its transition towards cleaner energy
- Prospecting work conducted in 2019 indicates CBM potential
- Highly capable team with right balance of Australian experience and Mongolian 'on the ground' resources

Capital Structure		Board of Directors	
Share price – 20 October 2021	\$0.072	Joseph Burke	Executive Director
Cash raised from ASX Listing	\$7.5 M	Anthony Hall	Non-Executive Chairman
Shares on issue	1,209 M	Dennis Morton	Non-Executive Director
Options and performance shares	157 M	Daniel Eddington	Non-Executive Director
Market Capitalisation	\$87.0 M	Brad Drabsch	Non-Executive Director



TT CBM Project

- TAVANTOLGOI-XXXIII Production Sharing Agreement (“PSA”): 665 km² area overlapping coal mine (ETT, MMC, Local TT) operations and regulated under the Mineral Law of Mongolia
- Jade’s unconventional oil CBM exploration and production activities are regulated under the Petroleum Law of Mongolia
- Eight wells drilled by Jade in 2019 defined exploration targets for 2021 Drilling Program
- PSA awarded in October 2020, with the tenure of up to 30 years
- Methane gas bearing coal seams may extend through ~220 km² of coal fields to south and southeast of the PSA area (Permian coals are similar to Bowen Basin, Queensland)
- Independent technical specialist report by RISC estimated prospective resource of CBM potential; upcoming exploration program to delineate contingent resources

TT CBM Prospective Resources ¹				
	Unit	Low	Best	High
Gross	Bcf	216	1,044	3,062

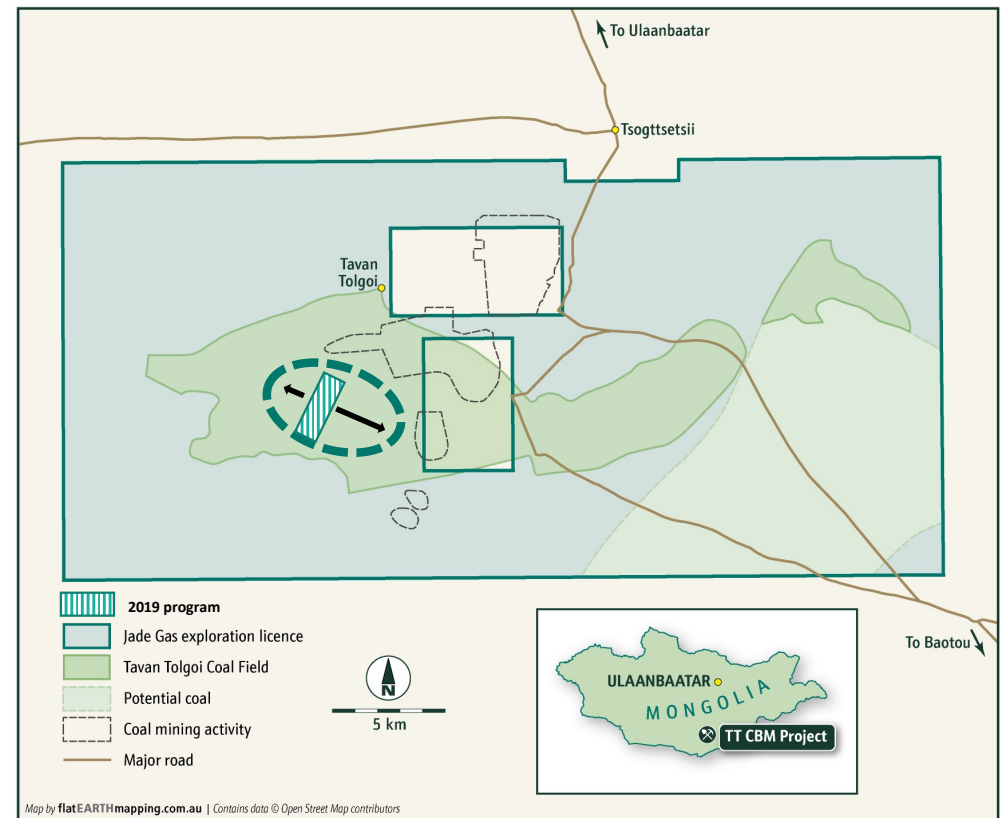
- Net Prospective Resource subject to 60% equity and PSA terms related to development outcomes yet to be determined



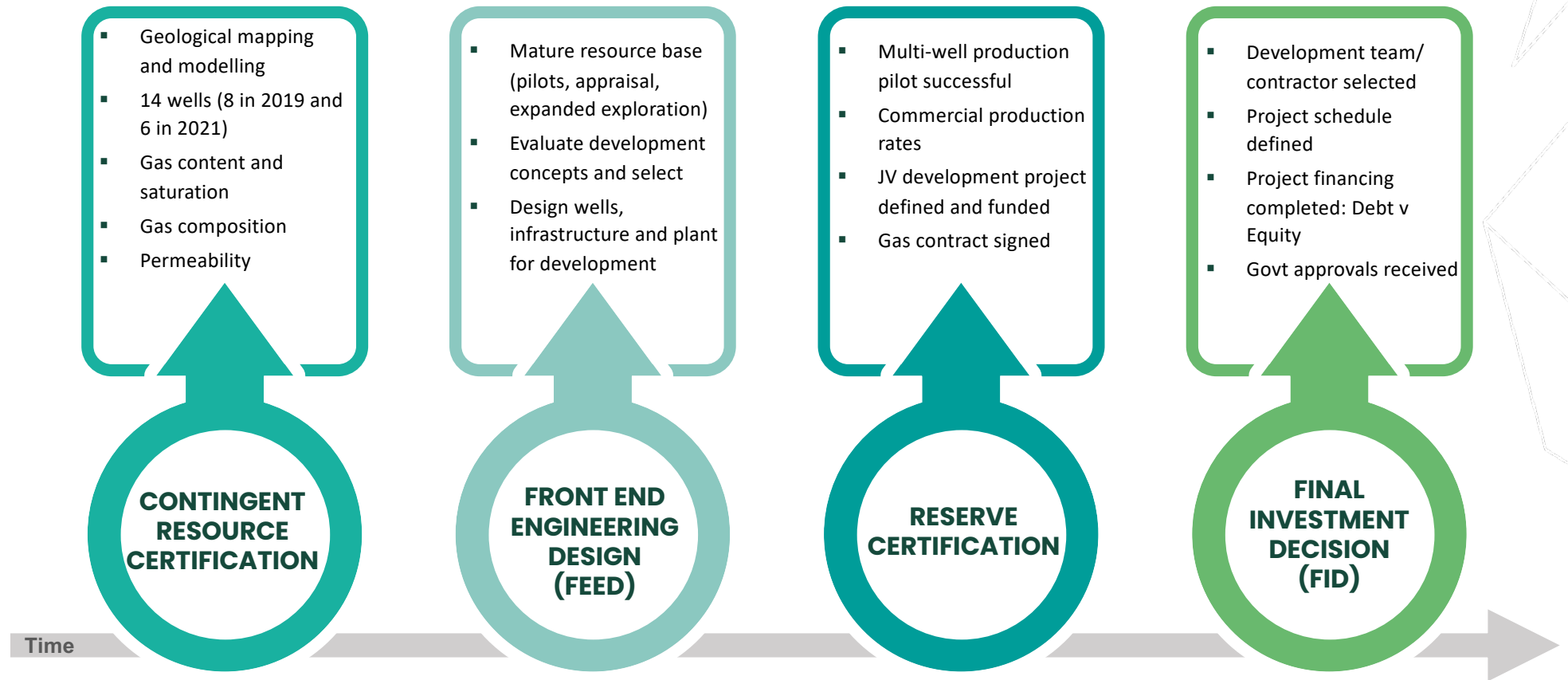
1. Prospective resources are undiscovered and have both an associated risk of discovery and a risk of development. Further exploration appraisal and evaluation is required to determine the existence of a significant quantity of potentially moveable hydrocarbons. An Independent Technical Specialist Report (ITSR dated 24 June 2021, RISC Advisory) was provided in the Jade Prospectus (14 July 2021) and contains further detail regarding sources of and information in respect of the unrisks Prospective Resource Estimate above, which has been extracted from the ITSR. The additional information includes the basis of the probabilistic estimates, further activities to be undertaken in respect of the TTCBM Project and an assessment of risks associated with the estimates. Jade has a 60% interest in MGR however the Net outcome for MGR is dependent upon the sharing requirements of the PSA which vary according to production rate, capital costs, operating costs and pricing and are therefore currently indeterminate.

2021 Exploration and Appraisal Objectives

1. Validate gas content and determine saturation
 - Core to be obtained in five of the six wells
 - Isotherms to be conducted on high-graded seams
2. Measure permeability to demonstrate productivity
 - Permeability testing to be undertaken
 - Initial seam pressure and temperature to be measured
3. Increase areal coverage
 - Appraisal wells in northwest and southeast to increase areal coverage of core, logs and permeability testing
4. Establish initial test well(s) and monitoring wells
 - Case and suspend up to four wells
 - Extended test in 2022 planned for Borteeg 1 well
 - Situated in primary area defined by 2019 coreholes
 - Three wells planned as monitoring wells that may also be used for extended production testing

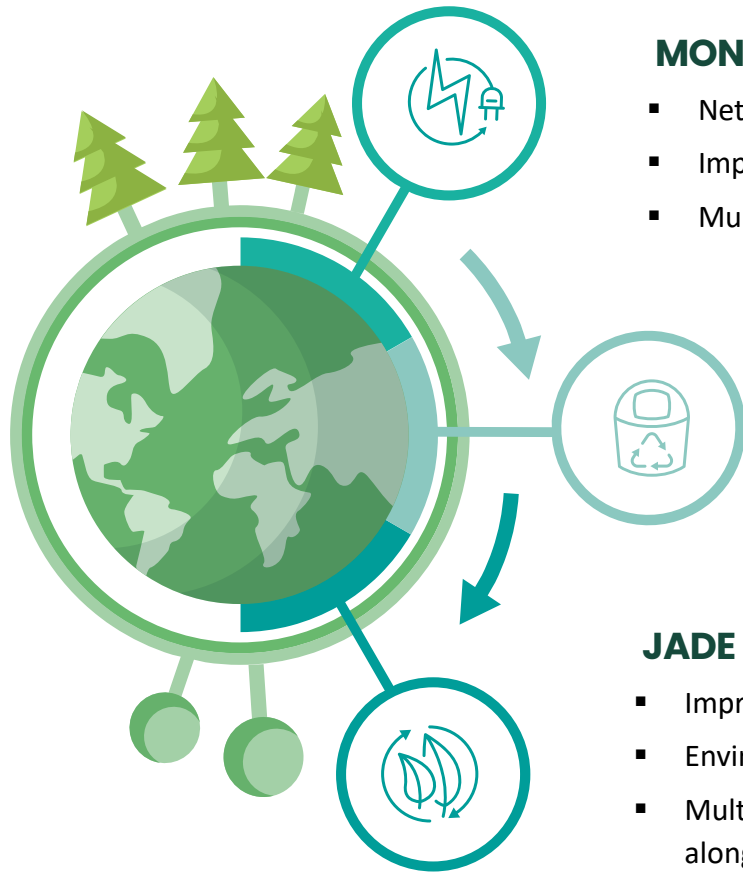


Staged Approach to Commerciality



Contingent Resource program to fulfil Jade's obligations under the exploration licence

Mongolian Energy Position



MONGOLIA TRANSITIONING TOWARDS CLEANER ENERGY

- Net energy importer of gas and gas liquids from Russia and China
- Importing electricity from China to support activity in the South Gobi
- Multiple Government policies to improve energy mix and independence

GAS SUPPORTED AS TRANSITION FUEL

- Domestic power requirements met overwhelmingly with coal
- Renewables industry growing slowly from a small base and encountering issues common in developing economies
- Gas will help solve competing priorities for Government: The need to increase domestic energy supply and independence vs reduced carbon intensity to enable satisfaction of global climate change commitments

JADE SUCCESS WILL LOWER MONGOLIAN EMISSIONS

- Improve Mongolia's energy independence, energy mix and displace heavier carbon alternatives
- Environmental, health and well-being benefits for the people and country
- Multiple ways to commercialise: Small-scale power and transport fuel opportunities; along with longer-term solutions to grow Mongolia's gas market and export potential

Improving the Mongolian Energy Mix

Jade is focused on investing in the TT CBM Project to:

- Deliver cleaner energy for better social and economic outcomes for the Mongolian people
- Increase Mongolian energy independence through reduced reliance on energy imports
- Stimulate investment in downstream energy infrastructure (pipelines, fueling stations, gas fired power stations)
- Support the Mongolian Government in its commitments to global emissions reductions
- Generate financial returns for Mongolia through profit sharing and royalties
- Employ, train and upskill the local workforce



Upcoming catalysts



SIX WELL APPRAISAL PROGRAM

- Extensive logging, coring and testing program to validate and augment 2019 program
- Permeability, a key parameter for deliverability, to be tested

CONTINGENT RESOURCES BOOKING

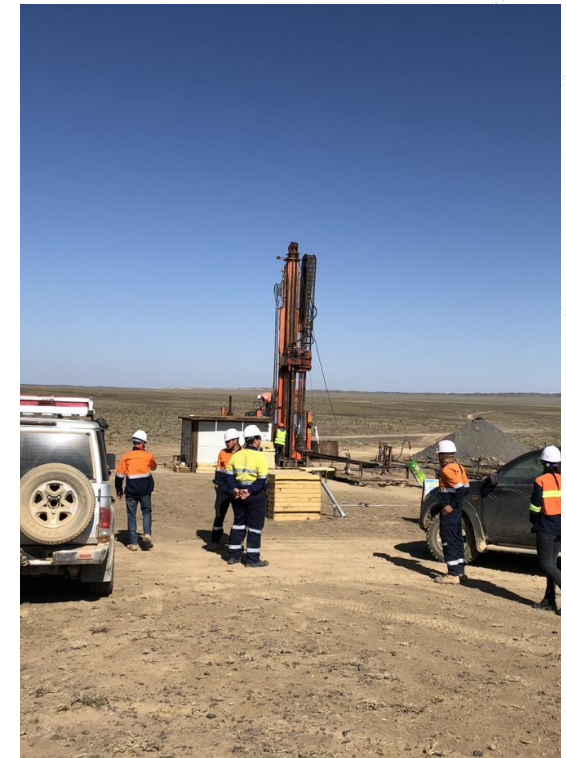
- Independent certification of initial Contingent Resources booking anticipated mid-2022

PILOT PROGRAM

- Casing of some wells to conduct extended production and monitoring in 2022
- Multi-well production pilot to be designed in 2022 and implemented in 2023

DEVELOPMENT OPPORTUNITIES

- Further exploration CBM opportunities to complement current appraisal program at TT CBM Project



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