



Company Overview

Elixir's main asset is its 100% owned Nomgon IX Coal Bed Methane (CBM*) Production Sharing Contract (PSC) project in the South Gobi region of Mongolia

Highly experienced CSG team – first mover in taking Australia's leading skills to Mongolia

Located on Mongolian/Chinese border with excellent infrastructure, mines and planned pipelines

This location provides many market options – now including green hydrogen

Strong balance sheet funding aggressive exploration and appraisal program for years to come

^{*} Coal Seam Gas – CSG – is usually referred to as CBM outside Australia



Capital Structure / Board

Capital Structure No of Shares Performance Shares & Options Current (pre-raise) 892M 32M

Market Capitalisation (at 15c) \$134M

Cash (at 31st Mar - unaudited) \$25M

Enterprise Value \$109M



Highly experienced CSG team



Richard CotteeNon-Executive Chairman

Former Managing Director of CSG focused Queensland Gas Corporation (QGC), taking it from market cap of \$20M to \$5.7B Other former CEO positions include CS Energy, NRG Europe & Central Petroleum



Neil YoungManaging Director

Former Business Development Manager at Santos, where he helped build Santos' CSG business Has worked in Mongolia since 2011



Stephen KelemenNon-Executive Director

Extensive technical and commercial career at Santos, including managing its CSG business Current Non Executive Director at CSG focused Galilee Energy (GLL)



Anna SlobodaNon-Executive Director

Previous employers include Lehman Bros, Clough, Curtin University & Trans-Tasman Resources Ex-USSR background and experience of working in China



2022 Exploration/Appraisal Program

Wells

- 2 Pilot Production Wells
- 22 Exploration & Appraisal Wells
- 1 short term pilot production test

Seismic

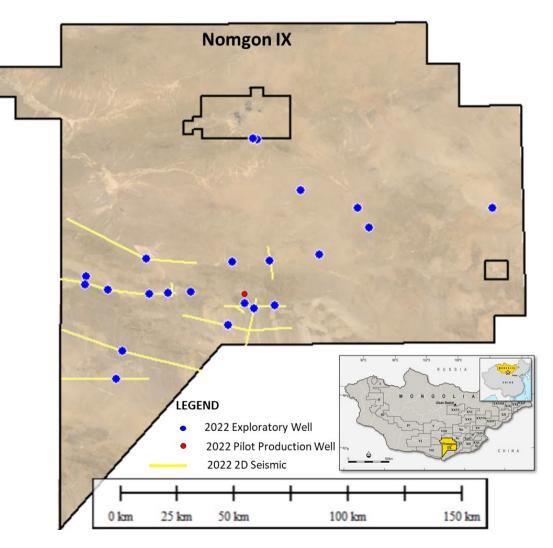
- 322 km 2D
- Seismic re-interpretation

Commercial

 Progressing gas fired generation project with Government

Field Work

• 3 field expeditions



Extended Pilot Production Test

Aim

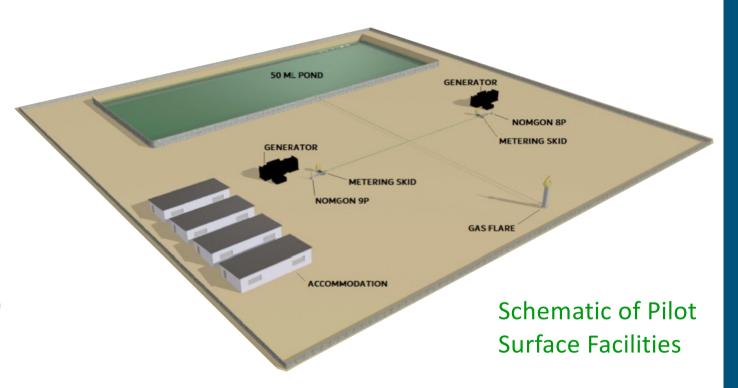
- Dewater coals and flow gas from the Nomgon CBM discovery
- Provide proof of concept for commercial development

Wells

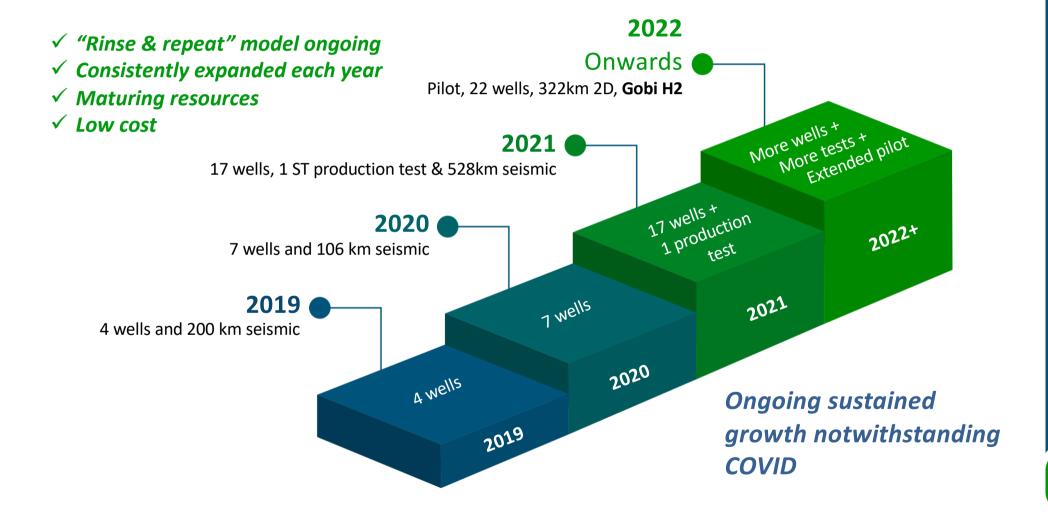
- 2 production wells 100m apart
- Depth to coal ~450m
- Pressure monitoring wells 110 and 400m along strike

Production

 Water and gas production over a maximum 6 month period



Work program continues to expand





Gobi H2 Project

- Mongolia combines:
 - Exceptional renewable resources
 - A H2 market that can be reached by pipeline not boat
- These advantages make Gobi
 H2 a potential globally Tier
 One green hydrogen export
 project
- Elixir is engaging with the multiple stakeholders required for a successful project
- Support has been incredibly strong
- The primary goal for 2022 is to materially advance a 10 MW pilot project





MOU with Govt



Pilot feasibility study underway



Targeting Chinese steel mills



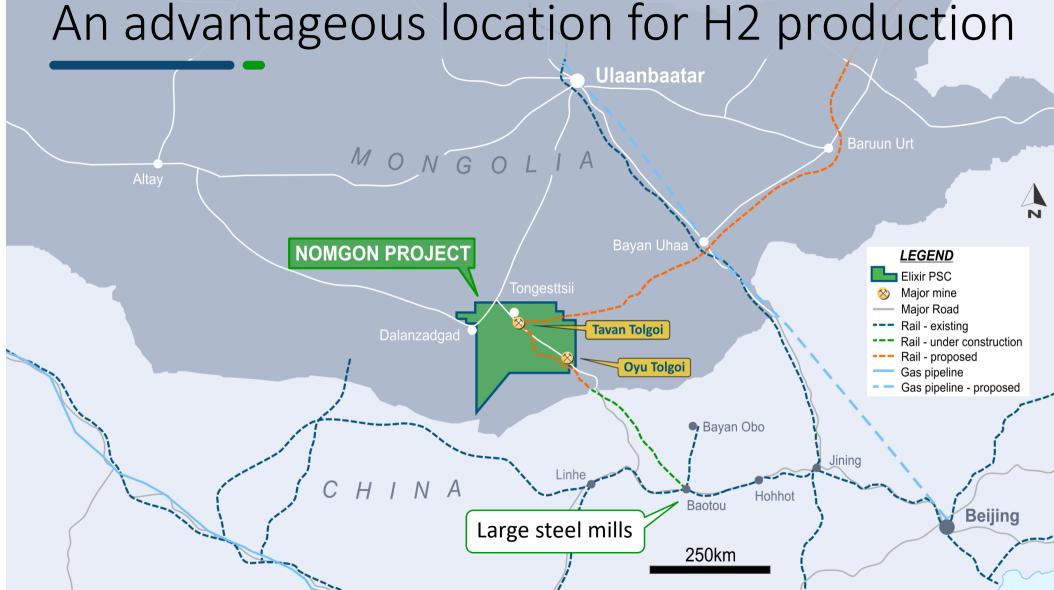
Project finance plans progressing



Short and long term water procurement



Banking renewable resources

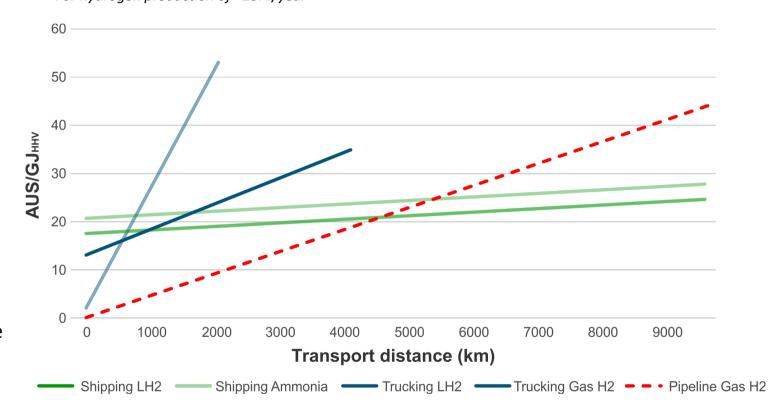


Hydrogen Delivery Costs

- Around 2/3 of the cost of producing green H2 are the cost of renewables
- Shipping H2 by boat costs multiples (~\$20/GJ) of shipping the same energy as CH4 (~\$5/GJ)
- The delivered cost of H2 is therefore all about the quality of renewable energy and the cost of delivery
- Access to markets by pipeline is massively advantaged over seaborne supplies – Mongolia can supply H2 to Chinese markets by pipeline

Cost of gas-to-gas hydrogen transportation, including conversion and reconversion - 2030s

For hydrogen production of ~15PJ/year



Source: Rystad Energy research and analysis commissioned by Elixir Energy -

Pilot Project

- Gobi H2 will develop a pilot project in the medium term
- The pilot will serve to demonstrate viability and create confidence with multiple stakeholders: customers, policy makers, financiers, potential partners, local communities, etc
- A 10 MW electrolyser pilot is proposed using renewable electricity generated in the Gobi region
- A number of possible foundation customers are under consideration – in Mongolia and the PRC
- Elixir plans to drill for local water sources in 2022
- The pilot project will be project financed Elixir is working with the Mongolia Green Finance Corporation and interacting with various Ulaanbaatar based IFIs



Complementary Capabilities

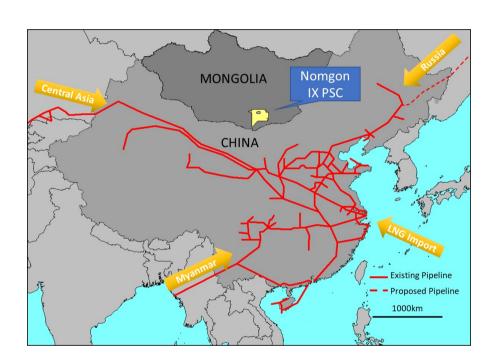
- Elixir's natural gas related operations in Mongolia require:
 - Good relationships with multiple levels of Government
 - Ongoing effective engagement with different energy related Ministries and regulators
 - Ensuring local Government bodies and their communities are supported and their potential concerns addressed
- Demonstrated local support given in recent years: annual cash contributions under PSC; COVID related donations; water wells drilled; livestock feed provided; community events sponsorsed; local economic injections from e.g. supplies for drilling camps; etc
- The Company's existing staff, relationships, knowledge and goodwill therefore provide it with a very strong local relationship platform on which to build Gobi H2
- At the national level, Elixir has H2 sharing relationships with various Ministries (e.g. MOU with Ministry of Energy)



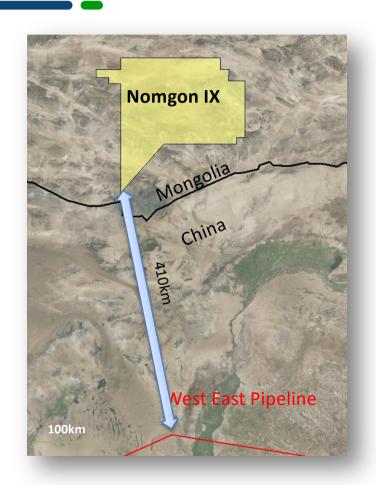


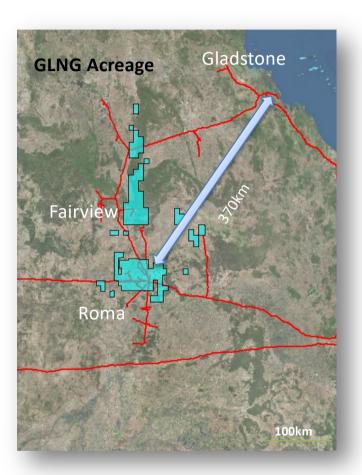
Location, Location, Location

- Gases are very expensive to move to customers – and shipping H2 is considerably more expensive than for CH4
- Locational advantages in terms of proximity to the world's largest energy importer drove Elixir's initial CSG strategy – and underpin Gobi H2
- Queensland has sunk LNG infrastructure with globally unusual spare capacity – and also an enduringly tight domestic market
- Mongolia needs new pipeline infrastructure but costing \$100Ms, not \$10Bs
- Cost of capital generally lower in Australia but for Chinese NOCs, etc, Mongolia is low sovereign risk



Scale of licence area





Geological comparisons

	Mongolia	Queensland
Coal thicknesses	Exceptional in places: 50 – 90 metres	Maximum of ~30 metres Commerciality test much lower
Gas content	5 – 15 m ³ /tonne measured to date	7 – 14 m³/tonne in productive areas
Permeability	Variable to date Sweet spot located at e.g. Nomgon subbasin	Highly variable The most productive locations benefit from high natural permeability
Rank	Sub—bituminous to bituminous	Sub—bituminous to bituminous
Coal in CSG depth window	Now confirmed in multiple sub-basins	Most productive coals typically less than 750 metres – but local conditions can extend depth windows
Gas composition	Variable – with now multiple locations with ~pipeline gas quality	Productive areas (to date) tend to have pipeline quality composition

Progress parallels Queensland ~ 20 years ago

- Elixir commenced Mongolia's CBM exploration in 2019. Since then:
 - All the geological ingredients required for success have been confirmed
 - Exploration has been highly capital efficient
 - The indigenous service sector has expanded
 - Other small-cap Operators have entered
- What Queensland's history suggests will happen next:
 - Production success sustained economic flow rates
 - Resources expanded and confidence increased
 - Early stage markets led by power generation
 - Large company interest from multiple players
 - Substantial capital deployment in sub-surface and infrastructure



Curtis Island – the centre of >\$50B invested in Qld CSG to date – based on the work of small caps ~20 years ago

Hydrogen comparison

- Australia is one of the global leaders in terms of Government support for, and industry interest in, green H2 - however, its lead is a year or so at best – not decades
- Location is a major disadvantage for Australia, given shipping H2 costs ~4 times more than shipping CH4 (and shipping costs are arguably not amenable to Moore's Law)
- Mongolia is closer to China's industrial centres in the East and North than any other potential green H2 source (Elixir's commissioned analysis for Rystad Energy which indicates the PRC will need to import H2 in the future)
- A low cost of capital (derived from its low sovereign risk) and high quality solar are Australia's primary advantages
- Mongolia arguably has a better <u>combination</u> of wind/solar than Australia (per independent analysis summarized in EXR's ASX of 14/10/21)
- Australia has to date attracted major international corporate interest in early stage H2 projects it
 now needs to turn this into material investments
- Elixir is the first mover in green H2 in Mongolia with its Gobi H2 project progress will beget more and more interest from larger balance sheets



"A Tale of Two Gases"

	Nomgon CBM – CH4	Gobi H2
It was the best of times	Very high gas prices	
It was the worst of times		Transition needs new clean fuels
It was the age of wisdom	Natural gas a vital bridge	
It was the age of foolishness		Many H2 projects ignore the science
It was the epoch of belief	Location underpins low cost supply into China	
It was the age of incredulity		H2 very expensive to ship by boat
It was the season of light	War reinforces value of security of supply	
It was the season of Darkness		Hedging the pace of the transition
It was the spring of hope	Drilling program expanding	
It was the winter of despair		H2 can replace coking coal
We had everything before us	Fully funded multi-year work program	
We had nothing before us		First mover in long term project
We were all going direct to Heaven	Economies rest on energy	
We were all going direct the other way		Material carbon reduction project

Corporate Highlights



First mover CSG company in Mongolia – now a growing industry attracting wider interest



Expanding program again in 2022 – growing and derisking resources through a ~24 well program



Very strong balance sheet and 100% asset ownership provides maximum strategic optionality



Exceptional in country relationships, a strong local team, supported by Australian leading technical expertise



Gas market action in recent months supports the long term need for the product and Mongolia's great East Asian location



Elixir considers its *Gobi H2*Project is emerging as a potential world class green hydrogen export project

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