

15 September 2023

CEO TO PARTICIPATE AT THE SINGAPORE MINING DAY CONFERENCE HOSTED BY SPARK PLUS

Greenvale Energy Ltd ("**Greenvale**", the "**Company**" or ASX: "**GRV**") is pleased to announce that Chief Executive Officer, Mark Turner will be presenting at the Spark Plus Singapore Mining Day Conference today.

Mr Turner will present on the Company's two key projects – being the Alpha Torbanite Project and the Geothermal Project.

Details of the event are as follows:

- **Date:** 15 September 2023
- **Location :** 10 Bayfront Avenue, Singapore (Sands Expo & Convention Centre)
- **Timeslot :** 3:35 pm – 3:55 pm SST, or 5:35 pm – 5:55 pm AEST

A copy of the presentation to be delivered by Mr Turner is attached.

AUTHORISED FOR RELEASE:

This announcement has been approved for release by the Board of Greenvale.

FOR FURTHER DETAILS, CONTACT:

Mark Turner, CEO, 0459 519 999

MEDIA INQUIRIES:

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Read Corporate
Nicholas@readcorporate.com.au
Mobile: 0419 929 046

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ABN 54 000 743 555

DRIVING CHANGE

A dynamic fusion of bitumen and geothermal energy to help meet Australia's infrastructure needs



NEXT
10 km

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FORWARD-LOOKING STATEMENTS

This presentation contains forward looking statements. Forward looking statements are often, but not always, identified by the use of words such as "seek", "target", "anticipate", "forecast", "believe", "plan", "estimate", "expect" and "intend" and statements that an event or result "may", "will", "should", "could" or "might" occur or be achieved and other similar expressions.

The forward-looking statements in this presentation are based on current expectations, estimates, forecasts and projections about Greenvale Energy and the industry in which they operate. However, please note, they do relate to future matters and thus are subject to various inherent risks and uncertainties. Actual events or results may differ materially from the events or results expressed or implied by any forward-looking statements.

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COMPETENT PERSON STATEMENT

The information in this presentation that relates to the Alpha Mineral Resource Estimate is based on information compiled by Mr. Carl D'Silva, a Competent Person who is a Member of The Australasian Institute of Mining and Metallurgy (Member number 333432). Mr. D'Silva is a full-time employee of SRK Consulting (Australasia) Pty Ltd, a group engaged by the Company in a consulting capacity.

Mr D'Silva has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken to qualify as a Competent Person as defined in the 2012 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr D'Silva consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

The Company confirms that it is not aware of any new information or data that materially affects the information included in the Mineral Resource Estimate dated 9 March 2022 as announced to the ASX on that date and which is available at www.greenvaleenergy.com.au. The Company confirms that in relation to the Alpha Torbanite Project Mineral Resource Estimate, all material assumptions and technical parameters underpinning the estimate continue to apply and have not materially changed when referring to its resource announcement made on 9 March 2022.

The information in this presentation that relates to liquefaction testing is based on information compiled by David Cavanagh, a Competent Person who is a Member of The Australasian Institute of Mining and Metallurgy AusIMM Member number 112318. David Cavanagh is a full-time employee of Core Resources.

David Cavanagh has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken to qualify as a Competent Person as defined in the 2012 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. David Cavanagh consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

This presentation has been authorised for release by the Greenvale Energy Ltd Board of Directors.

Corporate Summary

Greenvale Energy Ltd (ASX: GRV)

CAPITAL STRUCTURE

Shares on issue	M	433
Options	M	28
Share price (11 September 2023)	A\$	\$0.08
Market Capitalisation (11 September 2023)	A\$	\$32.9m
Cash & Liquid Investments (11 September 2023) ¹	A\$	\$7.93m
Top 20 Shareholders	%	45%

1. The above liquid assets amount includes the Company's shareholding in Astute Metals NL (ASX:ASE). It is noted that the following shares held in Astute Metals NL by the Company remain subject to the following escrow terms:
(a) 13.80 million shares which are to be released from escrow on 28 November 2023; and
(b) 23.00 million shares which are to be released from escrow on 28 November 2024.

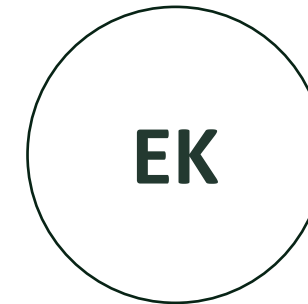
BOARD & MANAGEMENT



Mr Neil Biddle
Non-Executive Chairman



Mr Mark Turner
Executive Director/CEO



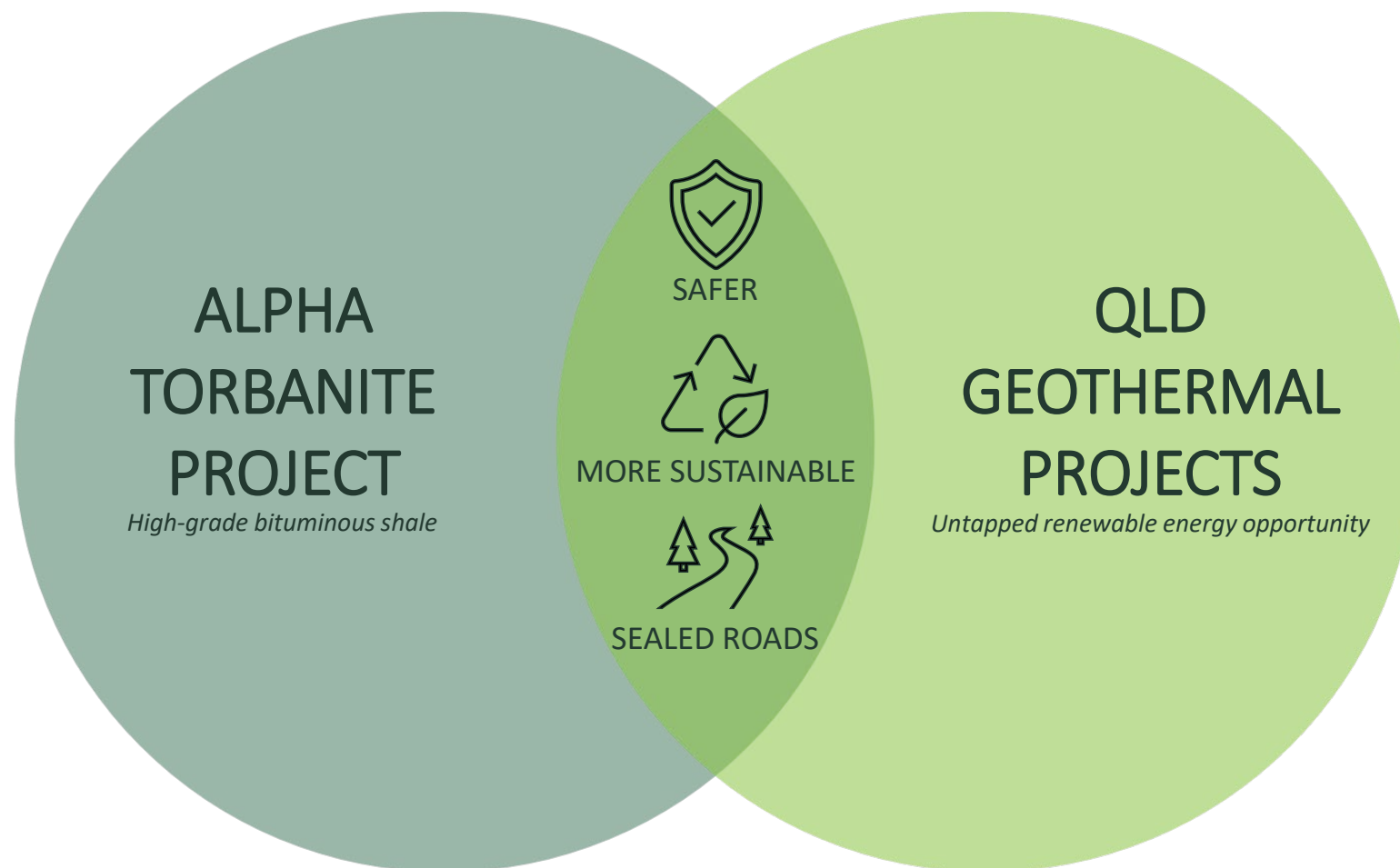
Mr Elias Khouri
Non-Executive Director



Mr Vince Fayad
Co-Company Secretary

Greenvale Energy Ltd – Value Proposition

Two unique projects, one driving goal.



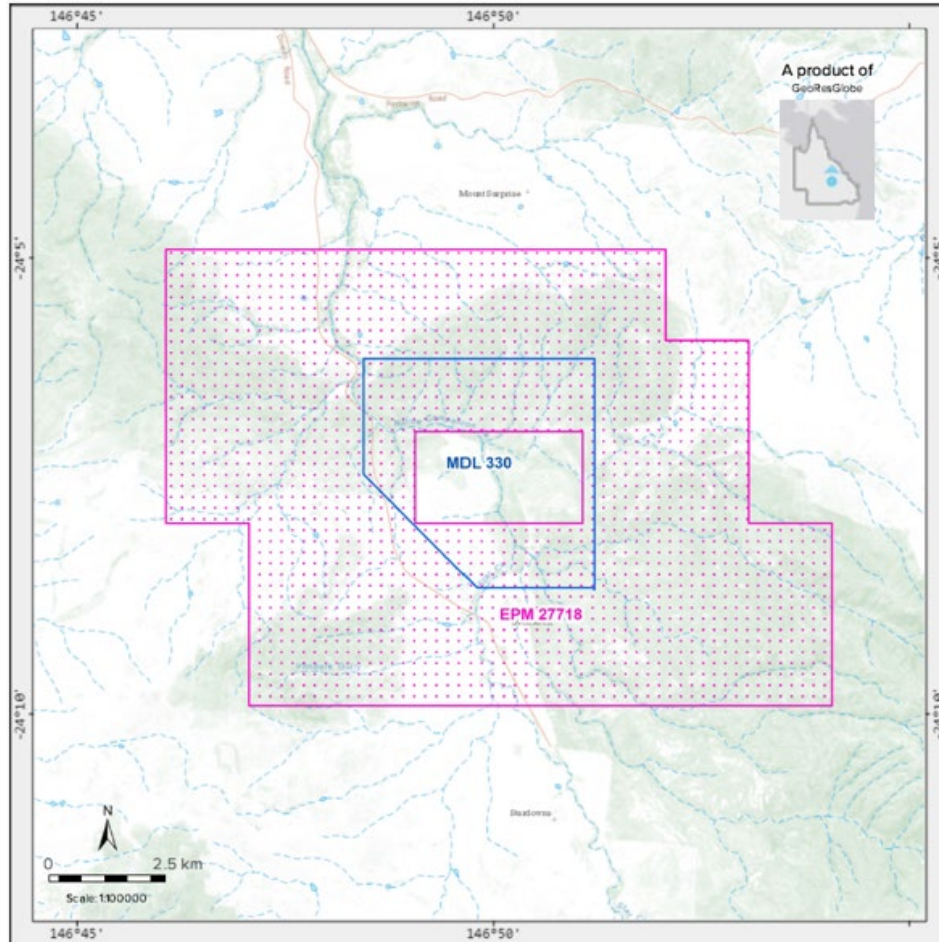
Australia's only end-to-end producer of high-quality and sustainable bituminous products

ON THE ROAD TO SUCCESS

ALPHA TORBANITE PROJECT (QLD)

Alpha Torbanite Project – Summary

A unique and viable indigenous source of bitumen



Located in central QLD, 500km west of Rockhampton

18.6Mt

inferred resource of Torbanite & Cannel Coal

698ltrs

of hydrocarbons per tonne of Torbanite

21.29m

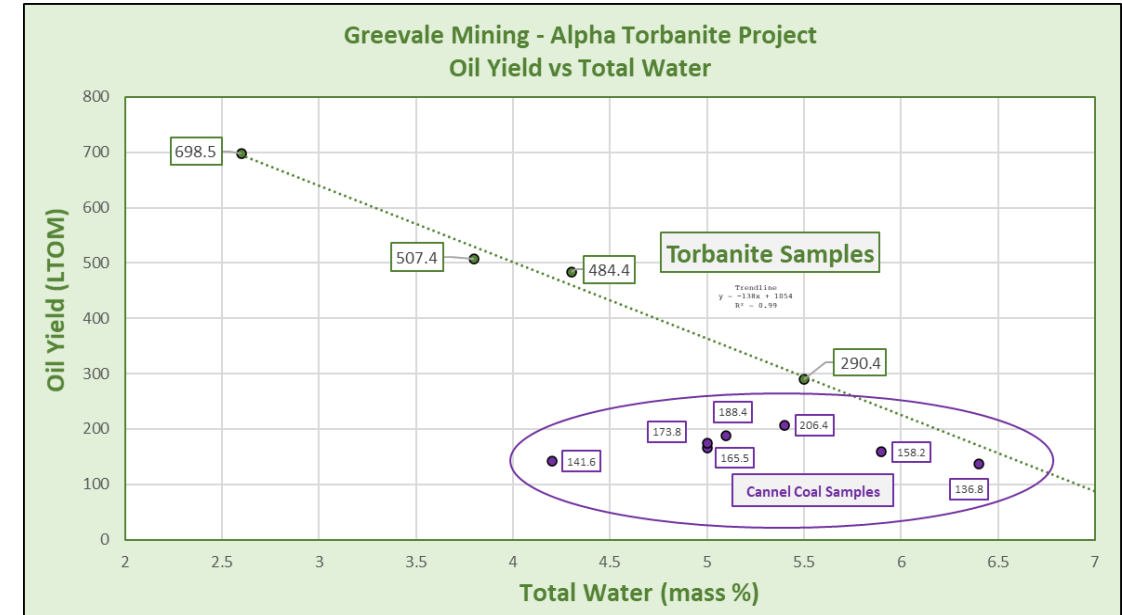
barrels of synthetic oil equivalent

Top of the class

Alpha among the highest yielding oil shales globally

Comparative data of various oil shales

Deposit	Torbanite/Coal/ Oil shale	Oil Yield (LTOM)	
		Range	Average
Alpha, Qld	Torbanite	50 - 620	420
	Cannel coal	50 - 150	120
Green River (USA)	Oil shale	45 - 460	135
Rundle, Qld	Oil shale	50 - 200	105
Stuart, Qld	Oil shale	50 - 220	94
Duaringa, Qld	Oil shale	50 - 130	82
Condor, Qld	Oil shale	50 - 120	65
Julia Creek, Qld	Oil shale	50 - 100	60



Modified Fischer ASSAY (MFA) Results

Source: Crisp, P.T., Ellis, J., Hutton, A.C., Korth, J, Martin F.A., and Saxby, J.D., 1987, Australian Oils Shales – A compendium of geological and chemical data: North Ryde, NSW, Australia, CSIRO Inst. Energy and Earth Sciences, Division of Fossil Fuels, 109pp.

Yield of 179 litres per tonne at zero moisture (LTOM) for 21.29 million barrels of synthetic oil equivalent

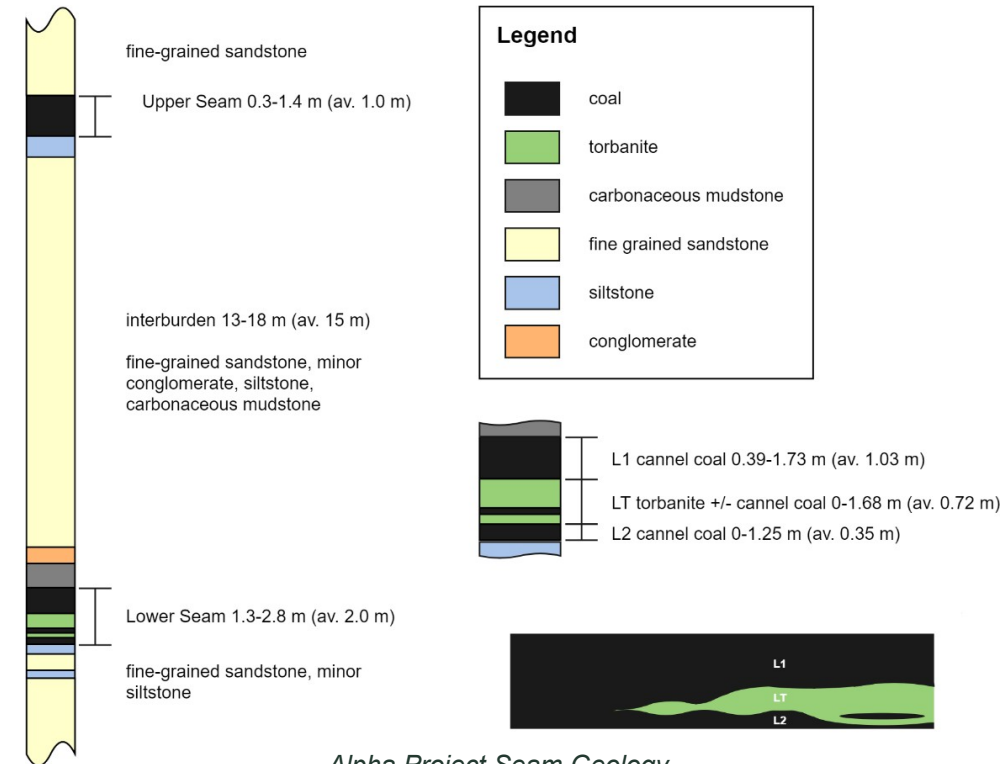
Mineral Resource Estimate



Maiden JORC MRE complete

MDL330 Inferred Mineral Resource estimate by seam and ply unit

Seam/Ply	Area (m ²)	Volume (m ³)	Waste Thickness (m)	Waste Volume (bcm)	Tonnes (Air-Dried)
U	2,587,232	2,733,615	13.27	77,182,496	3,280,338
L1	6,322,012	6,466,130	13.18	111,466,664	7,912,602
LT	6,242,029	3,878,046	0.24	1,174,048	4,595,434
L2	6,081,965	2,344,780	0.10	522,118	2,862,935
Total					18,651,309



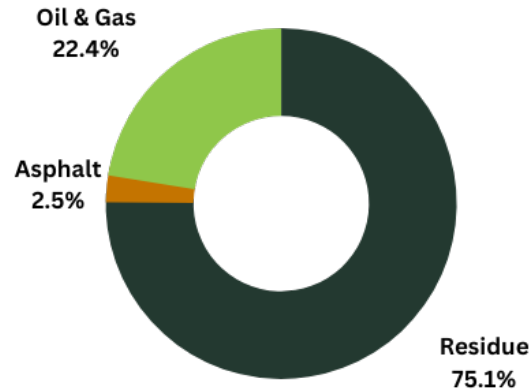
Alpha Project Seam Geology

Maiden Inferred JORC Resource Estimate of 18.6Mt of Torbanite and Cannel Coal

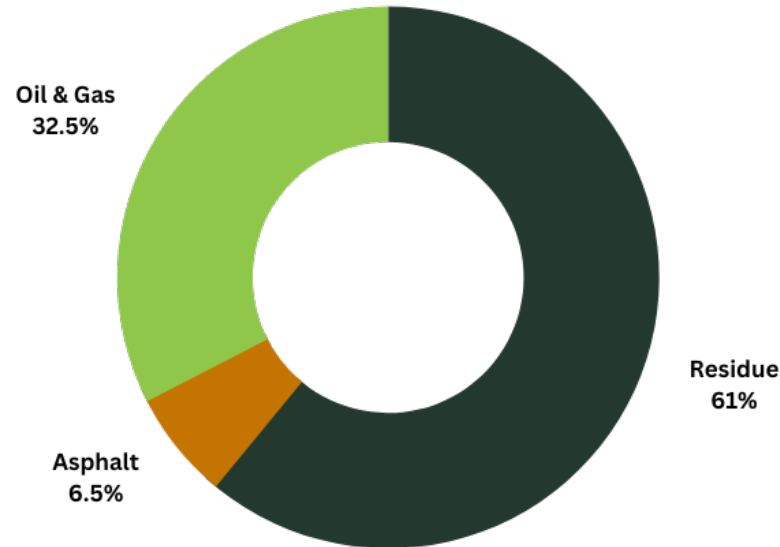
Alpha Project – Liquefaction Test Program

Extensive liquefaction test program underway and yielding exciting results

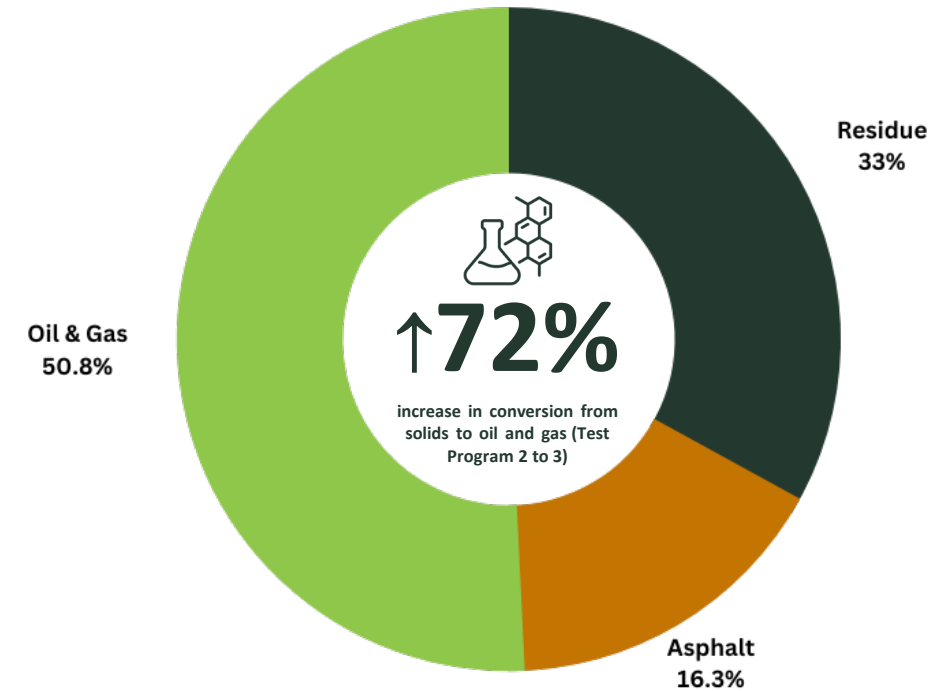
Liquefaction Test Program Cannel Coal Sample Conversions (wt%)



**B1 - Cannel Coal
Test Program 1**



**2B3 - Cannel Coal
Test Program 2**



**3B3 - Cannel Coal
Test Program 3**

Alpha Project – Update

Resource Upgrade nears completion as Liquefaction Test Program Four commences



Drilling on location at Alpha



Globally recognised university



100 years bitumen experience



Leaders in hydrothermal liquefaction

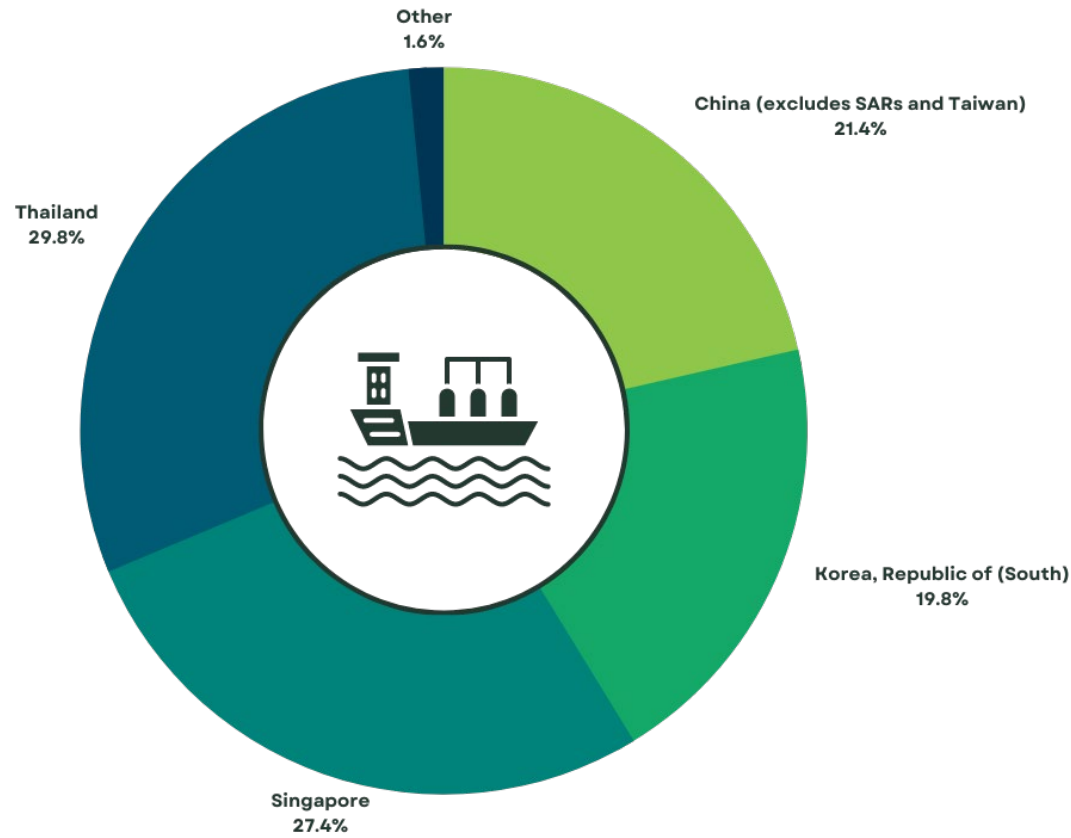


Industry experts

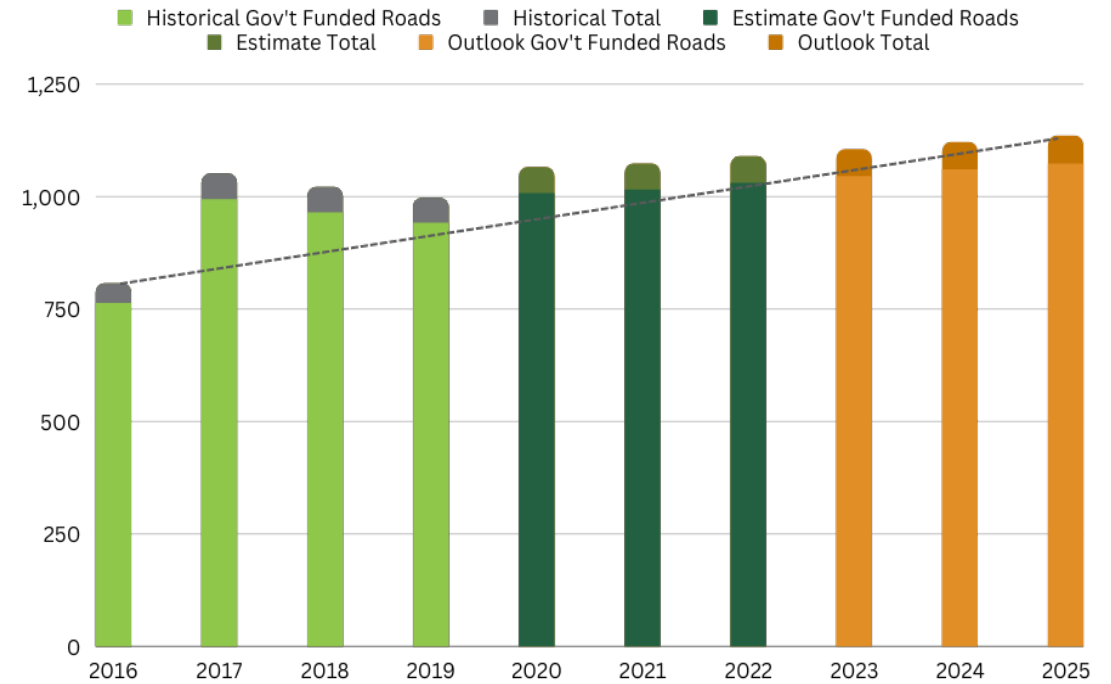
Bitumen Market – Supply & Demand

Bitumen importation feeds critical infrastructure with a heavy reliance on China

Australian Bitumen Imports by Country of Origin



Australian Bitumen Demand by Volume ('000t)

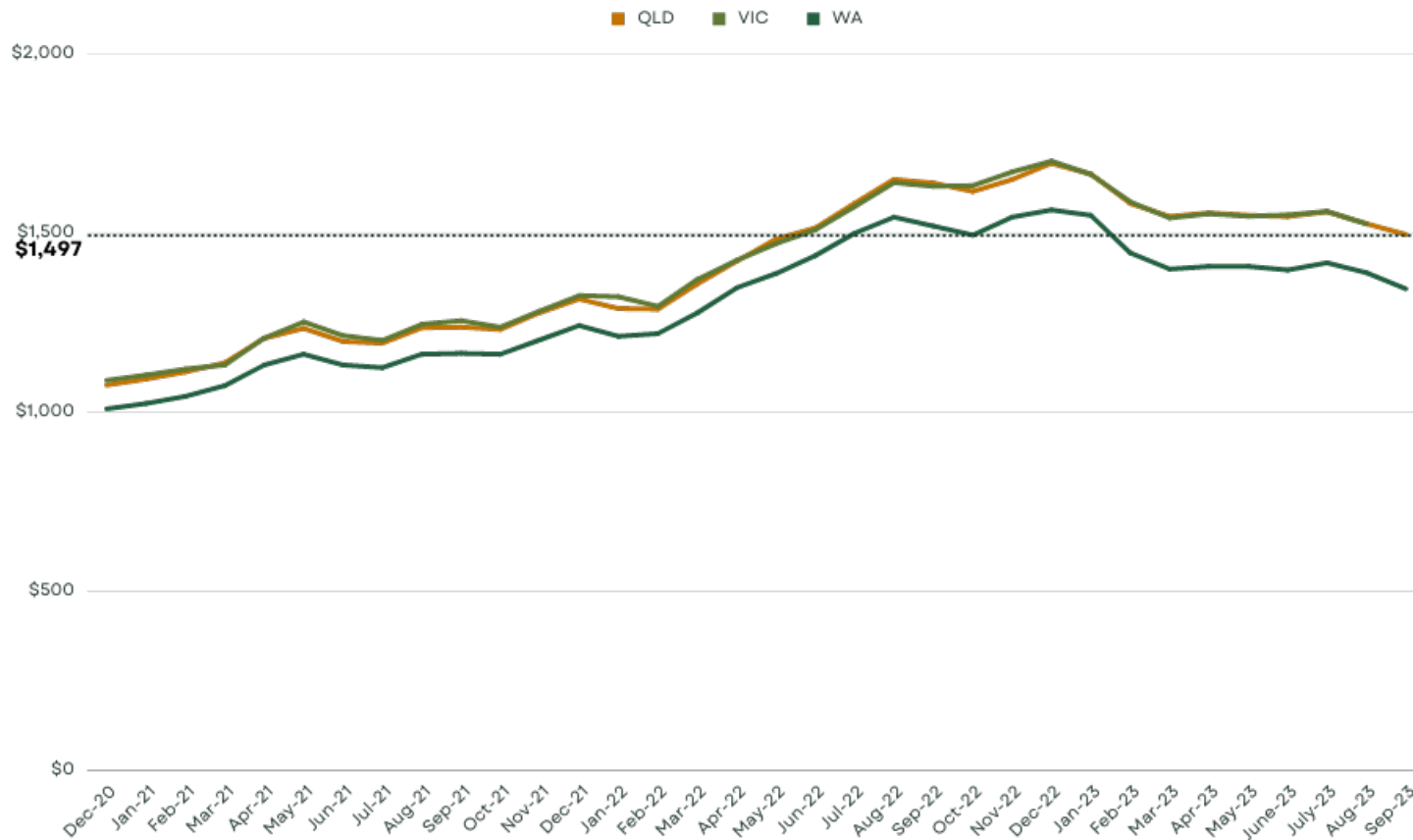


Source: Argus Asphalt Annual 2021 - Bitumen Demand & Government Funded Roads Australia

Bitumen Market – Price

C170 bitumen prices remain strong

C170 Bitumen Price Index (A\$/tn)



↑21%

Increase in average monthly gate prices for C170 bitumen since Sep-21

\$1,497

QLD C170 closing price as at Sep-23

The bitumen index is the straight average of the major bitumen suppliers' Monthly Gate List Prices (Published List Selling Price) for C170 grade bitumen. Source: vicroads.vic.gov.au; mainroads.wa.gov.au; tmr.qld.gov.au



UNTAPPED POTENTIAL

GEOHERMAL PROJECTS (QLD)

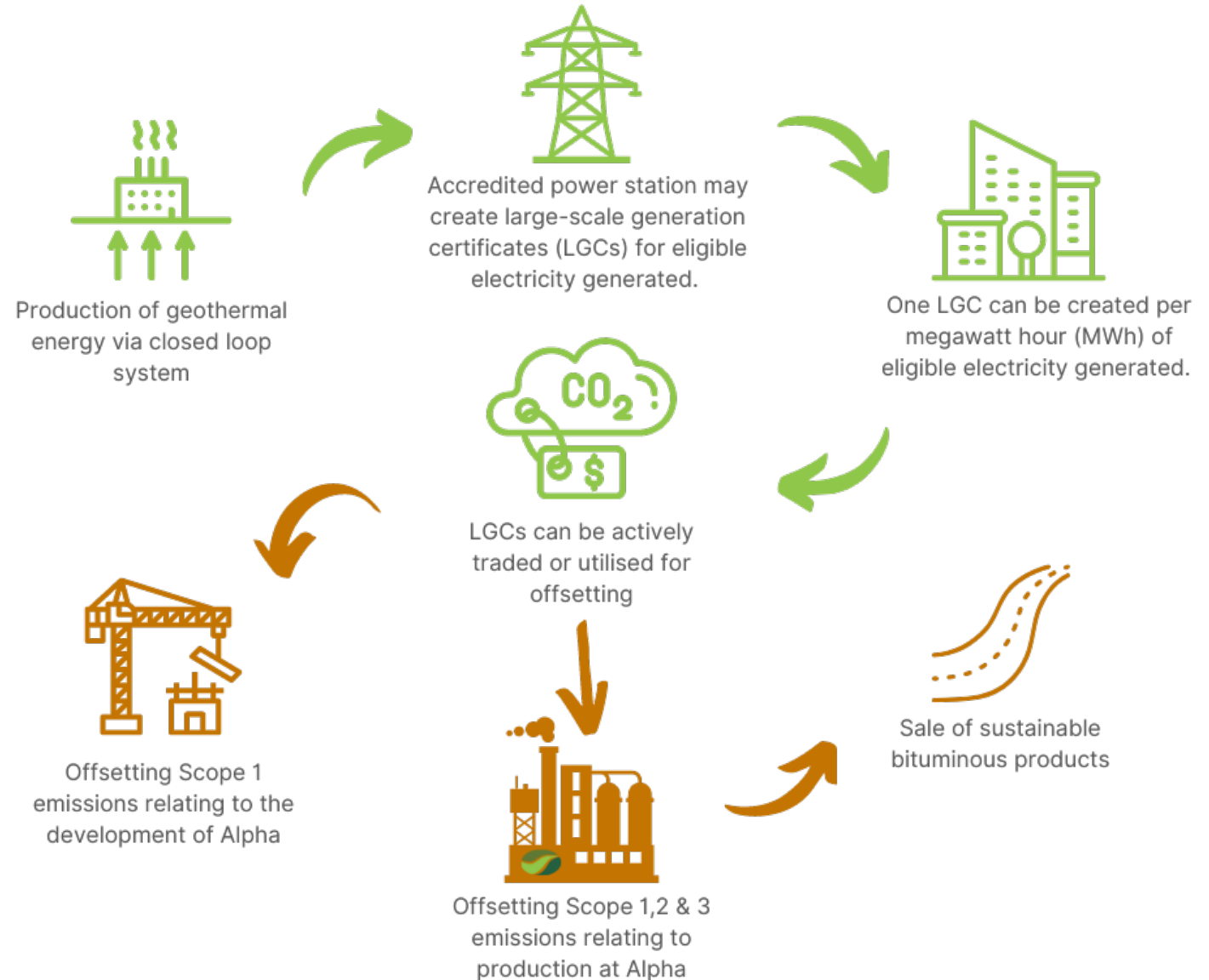
Why Geothermal?

Sustainable production, significant opportunity

Not Reliant on
Weather

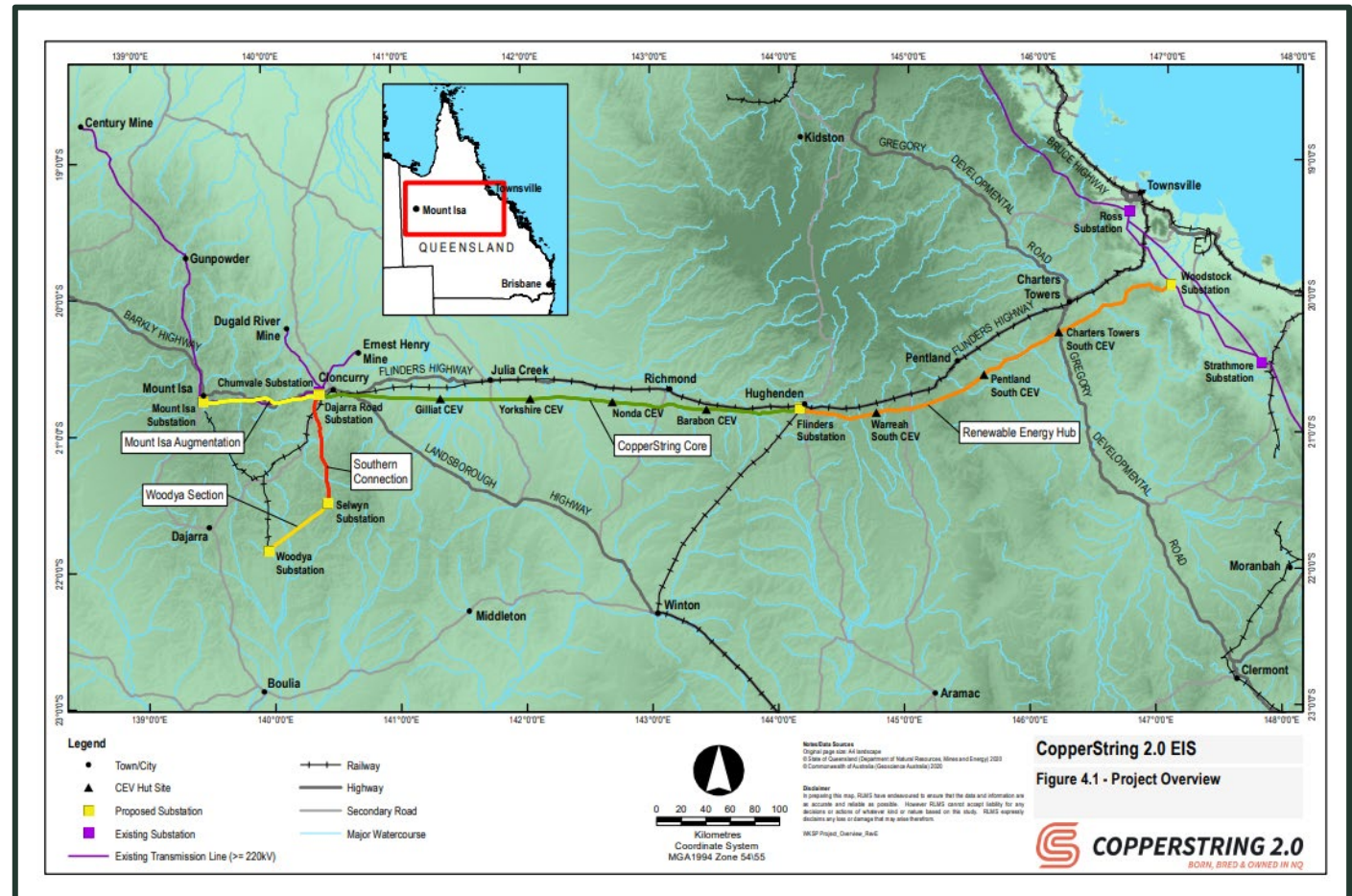
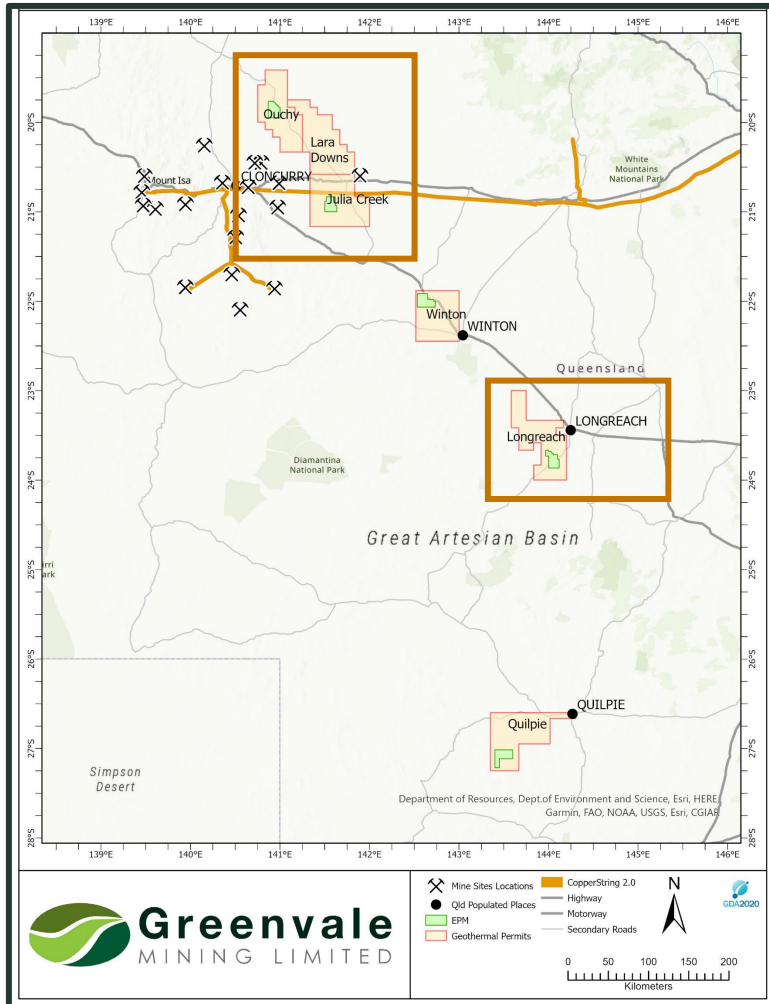
24hr Dispatchable
Electricity

Ultra-Low Emissions
Profile



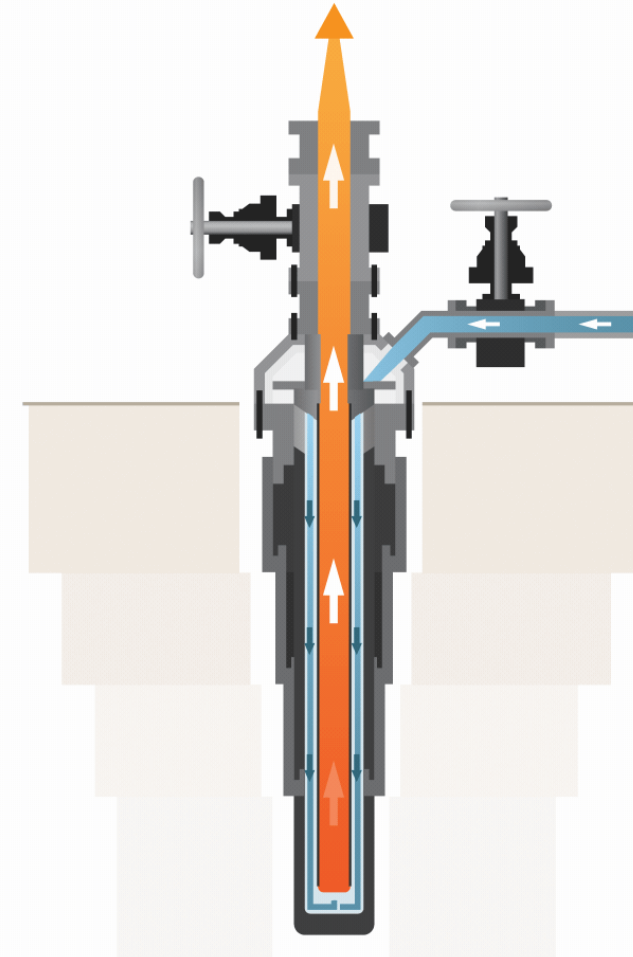
Geothermal – Project Status

Untapped Renewable Energy Opportunities in Queensland



Geothermal – Closed Loop Technology

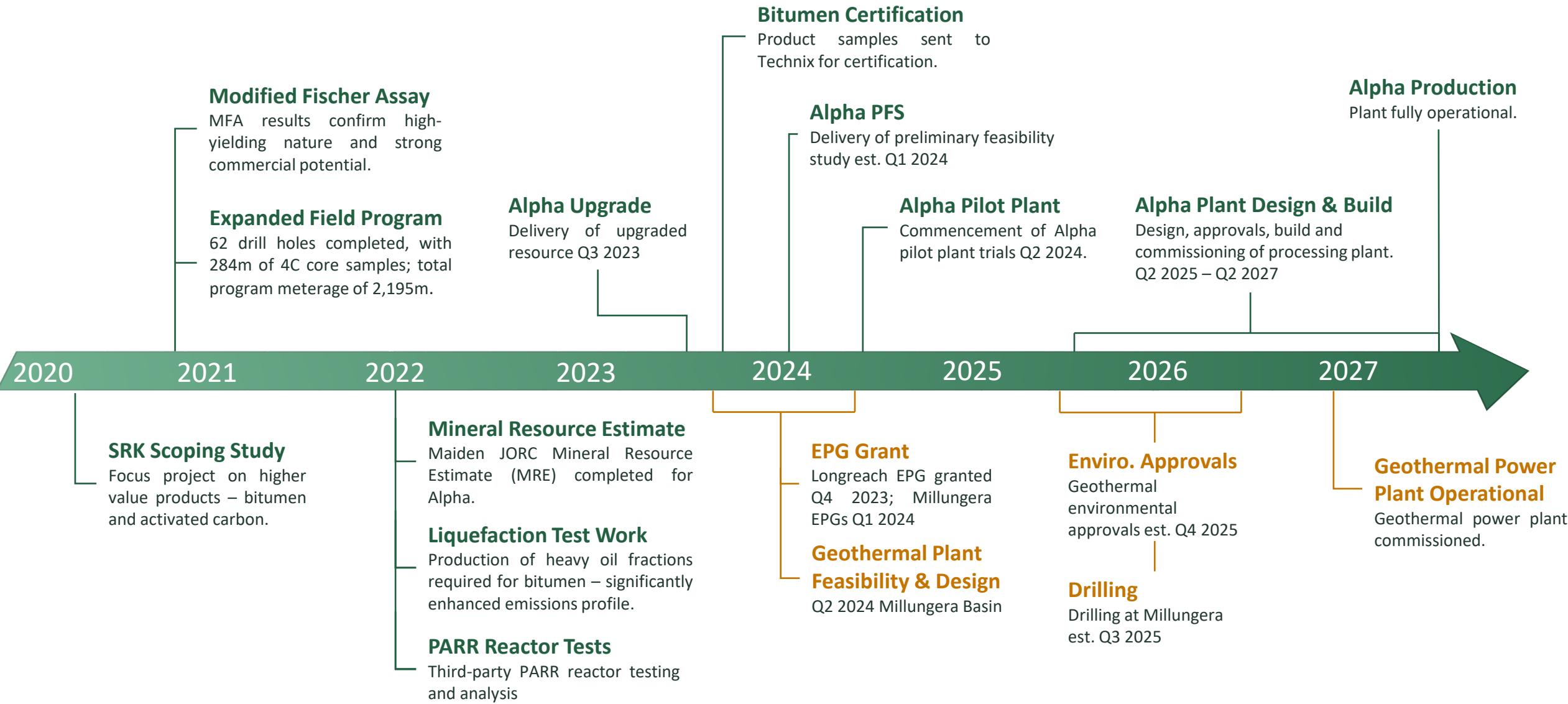
Breaking new ground in Australia with CeraPhi Energy



Closed loop down hole heat exchanger

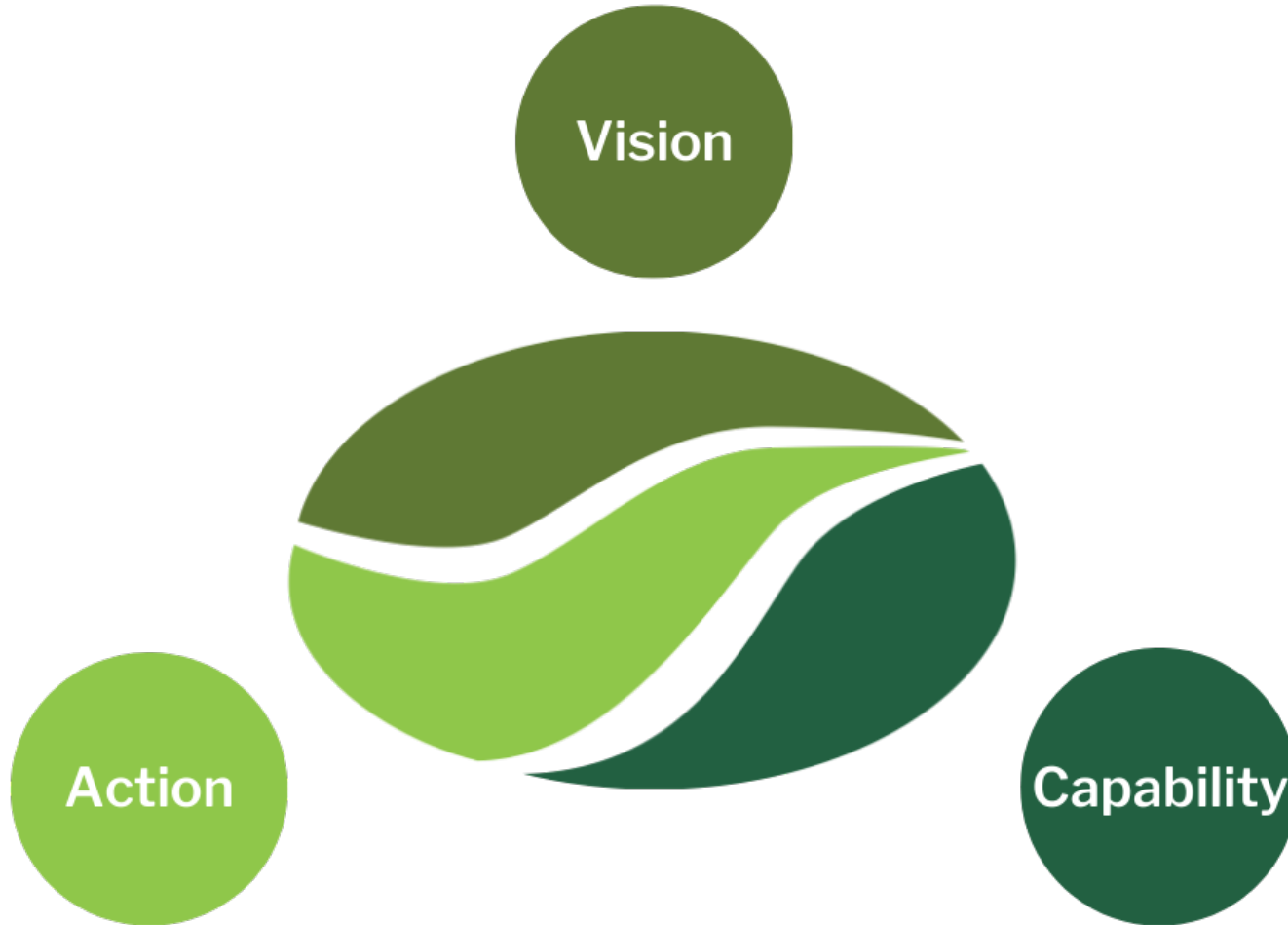
The road so far...and the road ahead

Major milestones achieved along the way and those to come



Why Greenvale?

GRV is paving the way



VISION

To become the only sustainable, end-to-end, domestic and fully carbon-offset producer of bitumen products to feed the critical infrastructure needs of Australia.

CAPABILITY

Experienced Board and Management

ACTION

Articulated renewable energy strategy and clear actions being taken via investments in geothermal energy.