

ASX Release

26 November 2024

AGM - Presentation

Renascor Resources Limited (ASX: RNU) ("**Renascor**") is pleased to provide a copy of the presentation to be delivered by Renascor's Managing Director David Christensen at today's AGM, commencing at 10:00am Adelaide time.

To access the AGM live webcast, please use the following link:

https://ccmediaframe.com/?id=D4ty8d4Q

This ASX announcement has been approved by Renascor's Board of Directors and authorised for release by Renascor's Managing Director David Christensen.

For further information, please contact:

Company Contact David Christensen Managing Director +61 8 8363 6989 info@renascor.com.au Media Enquiries Contact James Moses Mandate Corporate +61 (0) 420 991 574 james@mandatecorporate.com.au

Keep in the Loop:



Subscribe to our newsletter 🥢

Renascor Resources Limited ABN 90 135 531 341 Level 5, 149 Flinders Street Adelaide SA 5000 Australia Phone: + 61 8 8363 6989 Email: info@renascor.com.au www.renascor.com.au

Annual General Meeting

Managing Director's Presentation

Renascor AGM 26 November 2024 David Christensen, Managing Director



Powering Clean Energy®

Cautionary Statement and Disclaimer

Renascor Resources Limited ABN 90 135 531 341



Forward-looking Statements

This Presentation may include statements that could be deemed "forward-looking" statements. Although Renascor Resources Limited (the "Company") believes the expectations expressed in such forward-looking statements are based on reasonable assumptions, such statements are not guarantees of future performance and actual results or developments may differ materially from those expected in the forward-looking statements or may not take place at all. Any forward-looking statements included in this document involve subjective judgment and analysis and are subject to uncertainties, risks and contingencies, many of which are outside the control of, and may be unknown to, the Company. In particular, they speak only as of the date of this document, they assume the success of the Company's strategies and they are subject to significant regulatory, business, competitive and economic uncertainties and risks. Actual future events may vary materially from the forward looking statements and the assumptions on which the forward looking statements are based. Recipients of this document ("Recipients") are cautioned not to place undue reliance on such forward-looking statements.

No Offer to Sell or Invitation to Buy

This Presentation is not, and should not be considered to, constitute any offer to sell, or solicitation of an offer to buy, any securities in the Company, and no part of this Presentation forms the basis of any contract or commitment whatsoever with any person. The Company does not accept any liability to any person in relation to the distribution or possession of this Presentation from or in any jurisdiction.

Disclaimer

Whilst care has been exercised in preparing and presenting this Presentation, to the maximum extent permitted by law, the Company and its representatives make no representation, warranty or undertaking, express or implied, as to the adequacy, accuracy, completeness or reasonableness of this Presentation; accept no responsibility or liability as to the adequacy, accuracy, completeness or reasonableness of this Presentation; and accept no responsibility for any errors or omissions from this Presentation. Whilst care has been exercised in preparing and presenting this Presentation, to the extent permitted by law, the Company and its officers, employees, related bodies corporate and agents ("Agents") disclaim all liability, direct, indirect or consequential (and whether or not arising out of the negligence, default or lack of care of the Company and/or any of its Agents) for any loss or damage suffered by a Recipient or other persons arising out of, or in connection with, any use or reliance on this presentation. All amounts are in Australian dollars (AUD) unless stated otherwise.

Competent Persons Statement

The results reported herein, insofar as they relate to exploration activities and exploration results, are based on information provided to and reviewed by Mr G.W. McConachy (Fellow of the Australasian Institute of Mining and Metallurgy) who is a director of the Company. Mr McConachy has sufficient experience relevant to the style of mineralisation and type of deposits being considered to qualify as a Competent Person as defined by the 2012 Edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves (the JORC Code, 2012 Edition). Mr McConachy consents to the inclusion in the report of the matters based on the reviewed information in the form and context in which it appears.

Bibliography

Renascor confirms that it is not aware of any new information or data that materially affects the information included in the original market announcements noted below and referenced in this presentation and that all material assumptions and technical parameters underpinning the estimates in the relevant market announcement continue to apply and have not materially changed. Renascor confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from the original market announcement.

The Battery Anode Material Project 100% Australian Made Graphite





Scale

- World's 2nd
 largest Proven
 Graphite Reserve
- Largest Graphite Reserve outside of Africa



Tier 1 OPEX

- Favourable geology and in-country vertical integration drive globally competitive projected OPEX
- Vertically integrated operation drives competitive advantage vis-à-vis new ex-China supply sources



Economics

- Post-tax NPV₁₀ of A\$1.5b
- Post-tax unleveraged IRR of 26%
- Average annual EBITDA of A\$363m



Development Ready

- All major regulatory approvals in place for upstream
- A\$185m conditional loan from Australian Government's Critical Minerals Facility
- Current cash balance of \$109 million



Secure & Sustainable

- Tier 1 jurisdiction with low sovereign risk
- USA Free Trade Agreement
 (meets requirements under
 Inflation Reduction Act)
- Low ESG footprint with ~75% South Australia renewable electricity supply

Snapshot 2024: Advancing towards final investment decision





Early Contractor Involvement



Commenced Long-lead procurement



Upstream Native Title approval



Board and management team enhanced



Life Cycle Assessment: Low carbon footprint confirmed



FID on government co-funded PSG demonstration facility

Conditional \$185 million EFA loan approved for upstream only use



Graphite Market



Short-term challenges and medium/long-term upside

Near-term: challenges

- Surplus Chinese synthetic capacity
- Intense competition in China driving low prices
- Policy uncertainty in the USA following Trump win

Medium / long-term: opportunity

- Strength and sustainability of EV / lithium-ion battery demand growth
- China factors not sustainable in China, nor replicable outside of China
- Strong western government policy support



Graphite Market and Impact of Lithium-Ion Battery Growth

Powering Clean Energy®

EV and Lithium-ion Battery Growth Continues



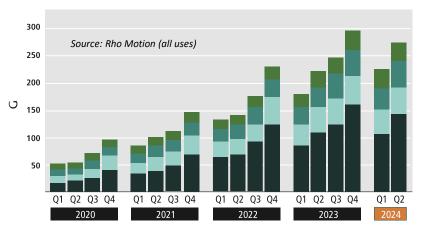
Year on year growth has been consistent but uneven

Steady growth in EV adoption rate continues to drive annual increases in the size of the EV market and in capacity expansions in lithium-ion battery production and related industries.

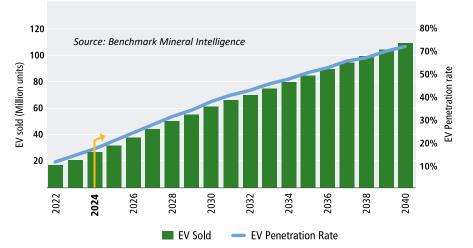
Growth has been uneven and subject to differing growth rates by region, but the markets for both EVs and lithium-ion batteries continue to grow.



Quarterly Battery Demand



EV Sales (Actuals & Forecast)



EV / Lithium-ion Battery Demand is Driving the Graphite Market



Graphite is transitioning into a battery mineral, with the market experiencing uneven growth

Graphite is the fundamental raw material in anodes, with 96%* of graphite demand expected to be driven by the battery sector.

Demand for -100 mesh graphite (preferred feedstock for anodes) is forecast to grow ~ 680%* through to 2040 (from 2024 levels).

The natural graphite market experienced modest growth in 2023, driven by a decrease in Chinese demand and an increase in Chinese supply of synthetic anodes.

8,000 -**Flake Demand** 1,200 6,000 Ł۲ 21 22 23 24 4,000 2,000 2020 2026 2036 2038 2022 2024 2028 2030 2032 2034 2040 -100 +50 +80 +100

Natural Graphite Demand (Actuals & Forecast)

* Source: Benchmark Mineral Intelligence

Source: Benchmark Mineral Intelligence

Graphite and Battery Mineral Prices



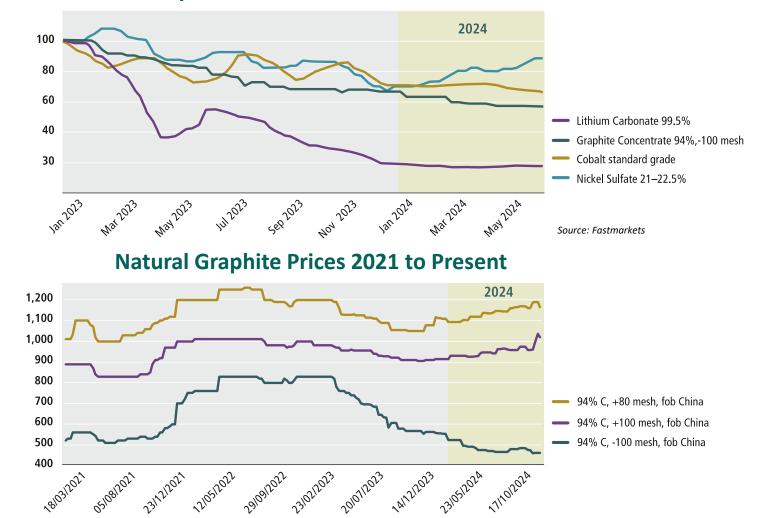
Battery mineral prices are down across the board, graphite included

Battery mineral prices declined in 2023, but have been more consistent in 2024.

Natural graphite prices experienced a sharp decline in 2023, as China increased its production of synthetic anodes, with prices appearing more stable in 2024.

Future natural graphite prices are likely to be impacted by the sustainability of low priced Chinese synthetic anodes and by public policy initiatives to support ex-China supply chains.

Battery Minerals Prices 2023 to Present



Natural vs Synthetic Anode Material



Chinese investment in synthetic capacity has contributed to recent low natural graphite prices, but low-priced synthetic anode from China is not sustainable nor replicable outside of China

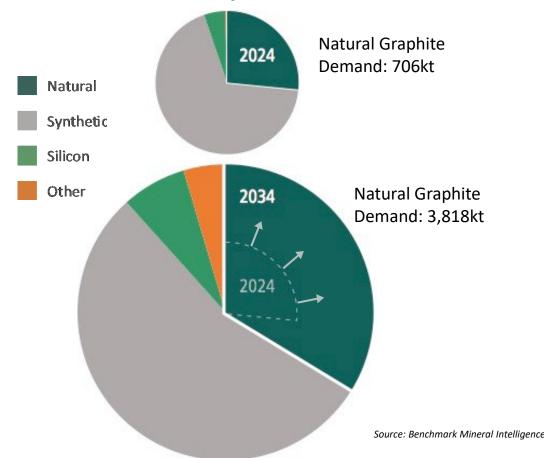
China has supported over investment in synthetic anode capacity, leading to aggressive price competition and falling prices.

Lower Chinese synthetic anode prices have reduced demand for natural anodes and contributed to weaker natural graphite prices.

Low-priced synthetic anode is not sustainable within China nor replicable outside of China:

- China is supporting synthetic anode production at or near the cost of production.
- Electricity, feedstock and other input costs are higher for potential ex-China producers.

Natural graphite anode demand is expected to grow in parallel with synthetic anode due to its lower cost of production, more sustainable ESG profile and ex-China security of supply.



Anode Chemistry: 2024 to 2034

Government Policy Can Drive ex-China Growth



Government policy support continues to evolve in light of Chinese market dominance.

China's market dominance

99%
97%
99%

Source: IEA (2024), Fastmarkets



Imposed restrictions on the export of graphite Tightened requirements on new investments to increase capacity utilization in the battery industry



No graphite from FEOC (inc. China) from 2027

Section 301 tariff increases inc. 100% tariff on Chinese made EVs & 25% tariff on Chinese Graphite from 2026



Not more than 65% of EU critical mineral demand to be met by a single country by 2030

Germany launches €1 billion fund for equity investments in critical minerals



rho

motion

BENCHMARK COMPAN

\$4 billion Critical Mineral Facility

10% Critical Mineral Production Tax Incentive proposed

CNBC

White House could mean for EV's Automakers to Trump: Please Require Us to Sell Electric Vehicles

What the Trump Presidency means for EV and battery industry

Renascor Resources Ltd | ASX: RNU

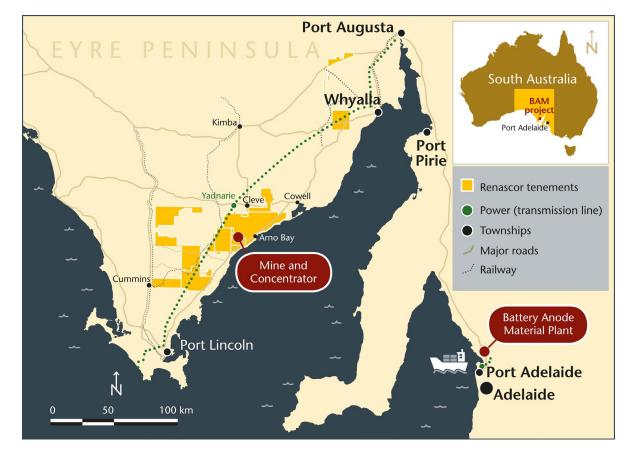
The Battery Anode Material Project

Powering Clean Energy®

Secure Graphite Supply From Australia



Renascor's Battery Anode Material project combines an upstream graphite mine and processing operation with a downstream manufacturing facility to produce Purified Spherical Graphite for the lithium-ion battery anode sector



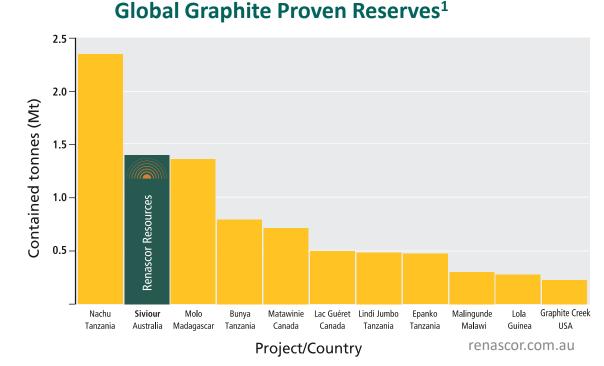


Conceptual illustration of the planned BAM manufacturing facility at Bolivar, South Australia



The Siviour Graphite Deposit is Amongst the World's Largest

Siviour is the <u>second largest Proven Reserve of graphite globally</u> and the <u>world's largest reported graphite Reserve outside of Africa</u>.



1. Source: public company reports. Does not include graphite deposits that do not publicly report data on main stock exchanges in Australia, Canada, the United Kingdom and the United States. See Appendix 1 for further details on sourcing.

Mineral Resource Estimate (September 2023)²

Category	Tonnes (Mt)	Grade (% TGC)	Graphite (Mt)
Measured	16.9	8.6%	1.4
Indicated	56.2	6.7%	3.8
Inferred	50.5	6.5%	3.3
Total	123.6	6.9%	8.5

2. ASX release 14 September 2023 "Siviour Mineral Resource Increases by 25%"

Ore Reserve Estimate (August 2023)³

Category	Tonnes (Mt)	Grade (% TGC)	Graphite (Mt)
Proven	16.8	8.2%	1.4
Probable	45.0	6.6%	3.0
Total	61.8	7.0%	4.3

3. ASX release 24 August 2023 "Updated Mineral Ore Reserve Estimate for Siviour"

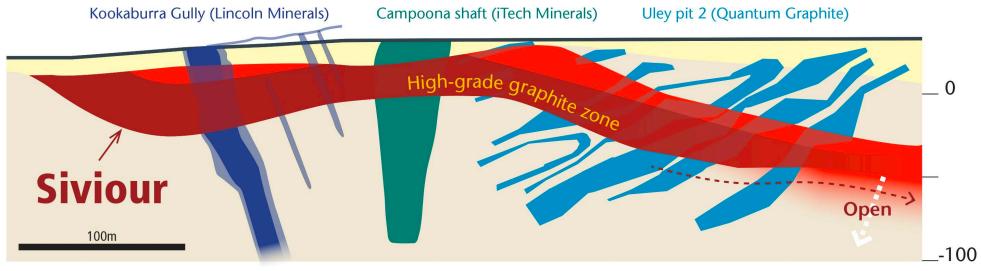


Siviour Has a Unique Near-Surface, Flat-lying Orientation



The deposit is flat, shallow and large, resulting in low-cost mining and consequently low-cost production of Graphite Concentrate.

Cross-section of Siviour Deposit (shown in red) compared to other Australian graphite deposits



renascor.com.au

Sources:

Lincoln Minerals ASX release 16 April 2024 Quantum Graphite ASX release 15 July 2019 iTech Minerals ASX release 19 October 2021

Siviour is Amongst the World's Lowest Cost of Production Sources

Renascor's upstream mining operation has amongst the lowest projected operating costs in the world

1,000 800 Oceania US\$ / Tonne South America 600 ■ North America Europe China 400 Asia (ex China) Africa 200 1,500,000 500,000 1,000,000 2,000,000 2,500,000 Production (TPA)

Graphite Cost Curve

Benchmark Minerals Intelligence C1 Costs 2030

- Excludes capital repayments, royalties and sustaining capital
- Different mines produce different flake sizes and carbon content and will not receive the same prices for all material sold



Production of Purified Spherical Graphite

Purified Spherical Graphite to be produced from Renascor's Siviour Graphite Deposit.

Downstream facility will convert graphite into PSG using Renascor's eco-friendly purification process, before being exported to lithium-ion battery anode producers.

By leveraging Siviour's Tier 1 cost base, Renascor's strategy is to become the first ex-China supplier of PSG to the battery sector.

The PSG facility would be an important strategic contributor to Australia's National Battery Strategy and securing ex-China battery supply chains.







Conceptual illustration of the planned Siviour BAM manufacturing facility at Bolivar, South Australia



The ECI process is designed to derisk project execution and reduce the construction timeframe of the upstream graphite mining operation



Renascor Resources Ltd

Competitive Early Contractor Involvement

Renascor is progressing early contractor involvement (ECI) to deliver an EPC contract for upstream mineral processing plant and non-process infrastructure

ECI project works are optimising and maturing engineering design of the upstream operation in preparation for construction phase.

- Finalisation of process design following vendor equipment testing and value-added engineering programs.
- Incorporation of modifications to flotation and re-grind circuit to permit additional recovery of coarse flake graphite.
- Geotechnical results and vendor design incorporated into revised plant configuration.
- Commencement of equipment pricing and preparation of final designs and estimates.

The ECI process provides for the optimisation of design and maturation to the EPC stage, culminating in an executable EPC contract.





Conceptual illustrations of the maturing engineering design for the upstream operations at Arno Bay





Early procurement activities, including upgrading the electrical grid to permit site connection, will *reduce project* delivery risk during the EPC stage

Renascor Resources Ltd | ASX: RNU



Electricity Grid Connection and Site Activities

Following purchase of land hosting the Siviour Graphite Deposit¹, Renascor has accelerated site-related work programs

- Upgrade to SA Power substation and overhead power network to permit electricity grid connection for upstream mineral processing plant.
- Collection of 730 tonnes of graphite ore for use in PSG demonstration plant.
- Engineering geotechnical drilling program to finalise geotechnical parameters for the mineral processing plant and non process infrastructure.
- Finalisation of construction accommodation plan.





Upgrades to connect SA Power Networks' electricity network to Siviour mine site

1. Refer ASX release dated 17 January 2024



Renascor is committed to working with the South Australian Government, the local community and all stakeholders to develop and maintain the social licence to develop the BAM project

ESG: Environment, Social and Governance

Work programs continue to reflect Renascor's commitment to applying sustainability principles to every aspect of our business

Primary upstream mining approvals, including Mineral Lease and Program for Environmental Protection and Rehabilitation (PEPR), have been granted.

On-going work includes environmental, ecological, hydrological and vegetation surveys to prepare for commencement of construction and mining activities.

Indigenous Land Use Agreement with BDAC, the registered Native Title Body Corporate of the Bargnarla People, the Traditional Owners of the land encompassing the proposed mine and processing site.

Environmental impact statement prepared for proposed PSG facility site in Bolivar, South Australia.

Life Cycle Assessment shows BAM project can achieve a CO₂e footprint under $1/3^{rd}$ that from existing sources in China.







Community consultation sessions for PSG

The support from the Australian Government is a testament to the BAM's project strategic global *importance to the* secure supply of *ex-China graphite*

Financing: A\$185 Million Conditional Loan Facility

Strong funding position through Australian Government conditional loan facility and strong cash balance (\$109 million)

The Australian Government has conditionally approved an A\$185 million loan facility to support the development of the BAM project.¹

This conditional loan is approved under the Australian Government's \$4 billion Critical Minerals Facility.

EFA has confirmed that the conditional loan facility can be utilised solely for the upstream Graphite Concentrate operation.

To support financing conditions, Renascor is in negotiations with lithium-ion battery market participants regarding potential binding offtake terms, as well as potential equity investments to help meet the BAM project's initial capital requirements.







Managing Director David Christensen (facing second from left) at Critical Minerals Roundtable with Minister for Resources Hon Madeline King MP

The demonstration plant in intended to further demonstrate that our eco-friendly, HF-free purification technology can deliver a globally competitive PSG operation

PSG Demonstration Facility



Australian critical minerals grant to co-fund Purified Spherical Graphite demonstration facility

\$5 million grant under the Australian Government's International Partnerships in Critical Minerals Program.

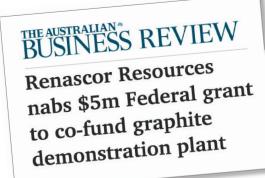
Co-funded up to 49.9% of the capital cost of a \$10 million demonstration processing plant that will produce battery-grade Purified Spherical Graphite for use in lithium-ion battery anodes.

Grant application supported by South Korean conglomerate POSCO International and Japanese trading company Hanwa Co. Ltd.

Recently awarded the engineering and design contract.



Director Kathryn Presser AM onsite of the recent bulk sample drill program





Renascor's Strategy

We aim to become a global leader in the supply of sustainable, 100% Australian-made battery anode material

Stage 1



Mining Operations

- Commence production of Graphite Concentrates
- Continue to build valuable offtake relationships with leading anode suppliers
- PSG Demonstration Plant & qualification
- Increase Resource / Reserve

Stage 2



PSG Operation

- Initiate production of Purified Spherical Graphite
- Staged approach to minimise upfront shareholder dilution
- Anode product development with current and next-generation anode suppliers
- Develop markets for other specialty graphite products

Full Renascor Potential

Stage 3

- Expand Graphite Concentrate and Purified Spherical Graphite production
- Establish further downstream processing expertise (and partnerships, as appropriate) to support development of fully integrated anode production
- Utilise expertise in graphite materials, engineering and applications to become industry leading manufacturer of high value graphite products and solutions



Renascor Resources: Multiple Near-Term Value Drivers





Complete Upstream ECI & Finalise EPC contract



Finalise Binding Offtake(s)



Secure Financing / strategic partnering arrangements



Upstream Final Investment Decision



(PSG)

Regulatory Approval for PSG Site PSG Demonstration Plant

UPSTREAM

DOWNSTREAM

Our goal is to become one of, if not the largest, global suppliers of PSG to the lithium-ion battery sector

Powering Clean Energy®





Powering Clean Energy®

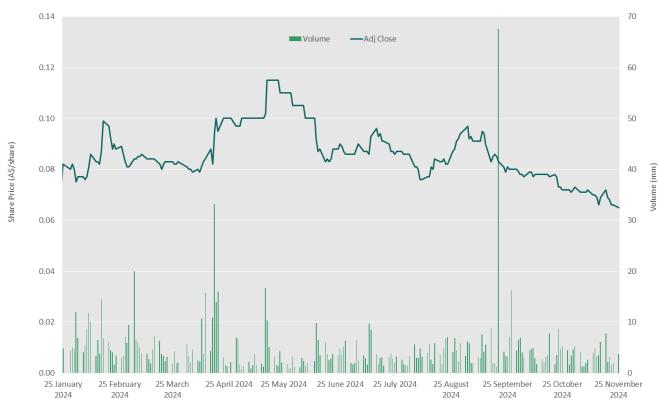
Appendices

Powering Clean Energy®

Renascor Corporate Overview

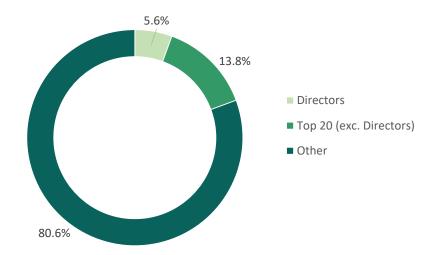


Share Price Chart (ASX code: RNU)



Shares on issue	2,541M
Share price (25 November 2024)	A\$0.065/sh
Market Cap (at A\$0.065/sh)	A\$165M
Cash (30 September 2024)	A\$109M
Debt (30 September 2024)	Nil
Enterprise Value	A\$56M

Shareholder Breakdown (November 2024)

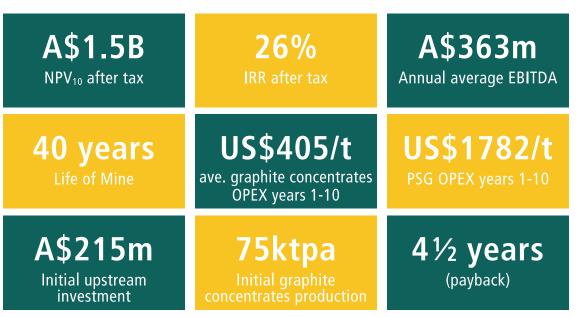


The study results confirm Renascor's BAM Project as a low-cost, high value supplier of 100% Australianmade graphite for the growing *lithium-ion battery* anode sector

Battery Anode Material Study Results

Low graphite concentrate feedstock costs drives Renascor's low PSG production costs, high margins and strong cash generation.

Snapshot of the Siviour BAM Project



1. BAM Study results were released to the ASX on 8 August 2023



Independent life cycle assessment confirms Siviour's potential as a cleaner source of Purified Spherical Graphite

Strong Environment, Social and Governance (ESG) credentials

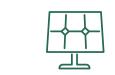
Renascor's purification process is eco-friendly.

Renascor has developed a purification process that avoids the use of Hydrofluoric ("HF") acid, offering a cleaner HF-free alternative to prevailing process used in China.

Locating the BAM facility in South Australia drives strong ESG credentials.

By leveraging South Australia's largely renewable electricity grid, the BAM facility can achieve a CO₂e footprint under 1/3rd that from existing sources in China (for natural flake graphite processed into uPSG).

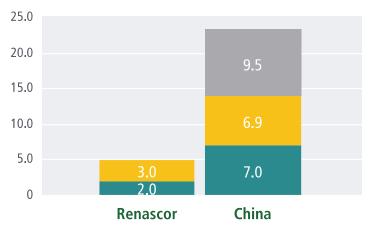
HF-free







Co₂e / Tonne* (Scope 1, 2 & 3)



■ uPSG ■ Natural Graphite AAM ■ Synthetic Graphite AAM

* See ASX release dated 1 November 2023.

Peer Comparison Data



	Deposit Coun		Proven Reserve					
Company		Country	Total Tonnes (Mt)	Grade (%)	TGC (Mt)	Study Status*	Source	Date
Volt Resources Ltd	Bunyu	Tanzania	19.3	4.3%	0.8	Pre-Feasibility Study	https://announcements.asx.com.au/asxpdf/20161215/pdf/43 drlhpvdwbhxp.pdf	15 December 2016
Ecograf Ltd	<u>Epanko</u>	Tanzania	5.7	8.4%	0.5	Bankable Feasibility Study	https://announcements.asx.com.au/asxpdf/20240725/pdf/06 5xhvjr74hlh2.pdf	25 July 2024
Graphite One Inc	Graphite Creek	USA	3.8	6.0%	0.2	Pre-Feasibility Study	https://www.graphiteoneinc.com/wp- content/uploads/2022/10/JDS-Graphite-One-NI-43-101-PFS- 20221013-compressed.pdf	14 October 2022
Nouveau Monde Graphite	Lac <u>Guéret</u>	Canada	2.0	25.1%	0.5	Technical Feasibility Study	https://masongraphite.com/wp- content/uploads/2021/06/a53b7c_22115be39ccf4d85b9579f 359680997c.pdf	12 December 2018
Walkabout Resources Ltd	Lindi Jumbo	Tanzania	2.5	19.3%	0.5	Definitive Feasibility Study	https://announcements.asx.com.au/asxpdf/20190228/pdf/44 321stl8dlk5f.pdf	28 February 2019
Falcon Energy Materials plc	Lola	Guinea	6.4	4.4%	0.3	Technical Feasibility Study	https://minedocs.com/25/SRG-Mining-Lola-Project-Update- FS-02272023.pdf	12 April 2023
NGX Ltd	Malingunde	Malawi	3.1	9.5%	0.3	Pre-Feasibility Study	https://announcements.asx.com.au/asxpdf/20230614/pdf/05 gn89bfgrhwx8.pdf	14 June 2023
Nouveau Monde Graphite	Matawinie	Canada	17.3	4.2%	0.7	Technical Feasibility Study	https://nmg.com/wp-content/uploads/2022/08/Feasibility- Study-NMGs-Integrated-Phase-2-Projects.pdf	10 August 2022
NextSource Materials Inc	Molo	Madagascar	21.3	6.2%	1.3	Technical Feasibility Study	P9239 Molo Graphite Phase 2 NI43-101 Technical Report (nextsourcematerials.com)	12 December 2023
Magnis Energy Technologies Ltd	<u>Nachu</u>	Tanzania	50.5	4.6%	2.4	Bankable Feasibility Study	https://magnis.com.au/files/Nachu-BFS-Update.pdf	27 September 2022

* Denotes the name of the study at the time of the release. The Molo and Lindi Jumbo projects are now in the operations phase, with all other projects being in pre-production phases.



Renascor Resources Limited

Level 5, 149 Flinders Street Adelaide, South Australia 5000 Phone: + 61 8 8363 6989 Email: info@renascor.com.au Website: <u>www.renascor.com.au</u>

ASX Code: RNU

Proud members of:







Powering Clean Energy

