



# Strategy Presentation

Presented by  
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ASX:CMG

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Critical  
Minerals  
Group

“Considering the strategic landscape was necessary to form the fundamental pillars for our group strategy  
**Scott Winter**

## A Development Operations

- World class vanadium asset in a Critical mineral Zone
- Significant government and social support
- Government Investment in local infrastructure and utilities

**The Lindfield resource will see support for its development with a lower risk profile.**

## B Critical Minerals Group

- Experienced diverse delivery team
- Strong and supportive cornerstone investor – Idemitsu
- Valuable strategic partnerships

**CMG has a great platform and narrative to enhance shareholder value.**

## C Vanadium Market

- Vanadium market showing significant growth
- Vanadium batteries featuring in energy transition solutions
- Australia is a strategic supply source and in demand

**Evidence shows the vanadium supply will be under pressure leading to price growth.**

## D ESG

- CMG has experienced and diverse team committed to integration of ESG in way of working
- Early establishment of ESG baseline and reporting
- Implementation of commitments underway

**CMG can position itself as a leader in ESG outcomes.**

## E Vanadium Batteries

- Major stakeholders (Governments, battery manufacturers, energy providers) investing in Vanadium electrolyte and Vanadium batteries in QLD Australia committed to establishing a supply chain in QLD and Australia.

**Vanadium batteries provide a stable, low cost, reliable solution to target zero 2050 in Australia and major developing countries.**



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# Critical Minerals Group

## Purpose

To support global communities through an energy transition that will deliver a more sustainable and responsible future.

## Vision

We will be known as the leading high quality manufacturer of Vanadium battery products for the energy storage market and deliver responsible and robust returns.



# Critical Minerals Group

## Objectives

### Premium Producer

Delivering high purity Vanadium to manufacture Electrolyte for batteries with no rejections

### Responsible

Upholding a quality ESG standard whilst establishing operations using renewable energy, engaging traditional owner and local communities to help deliver an Australian made manufactured outcome

### Robust Returns

Delivering returns through downstream manufacturing of vanadium electrolyte and enabling the extraction of adjacent minerals (HPA, Mo) within the resource.

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# Our Strategic Pillars

## Secure Efficient Supply

- Optimal Mining Operation Approvals
- Develop and Operate
- Develop secondary product stream – HPA, other by-products

## Downstream Value Creation

- Downstream manufacturing of vanadium electrolyte
- Market strategy – Electrolyte, HPA
- Strategic partnerships in vanadium battery value chain

## Sustainable Delivery

- Establish ESG reporting framework
- Install Solar farm with vanadium battery
- Integration of Traditional owner services

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## Market Leading

Strong Leadership

Strategic Partnerships

Innovation



# Supporting Partnerships



**SEDGMAN**

**SEDGMAN**  
**Prudentia**



**MEC**



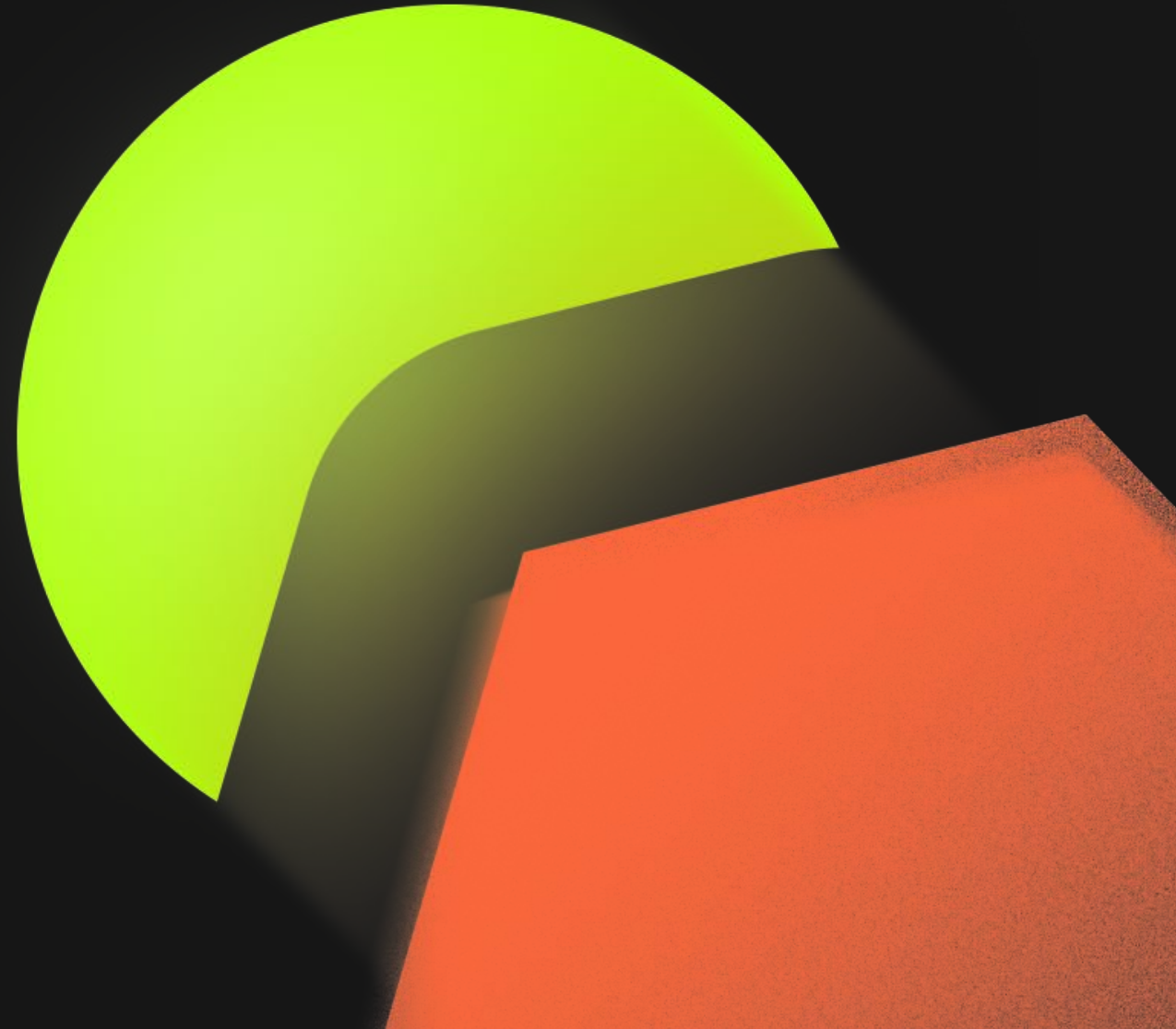
**LAVA BLUE**

**PRODIGY**





# Achievements to date





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# 2024 milestones

**\$2m**  
QLD Govt Grant

Commenced  
**Feasibility Study**

**100%**  
Resource Upgrade

**HPA**  
Technology License

Attracted  
**Strategic Investment**

2 additional  
**EPM'S**  
Approved

# What's Coming



**Vanadium Electrolyte  
Manufacturing Plant**



**Achieve Coordinated  
Project Status**



**Identification of Customers  
and Offtake Partners**



**Completion of  
Feasibility Study**



**Bulk Sample at  
Lindfield**



**Strong Strategic  
Shareholder Base**



**EIS Submission**



**Processing Lindfield  
at QRCUF**



**CMG Team Grows**

# Disclaimer



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## JORC Statement

The information in this presentation relating to Mineral Resources is extracted from the company's ASX announcement titled 'Significant Increase to Mineral Resource Estimate' dated 16 May 2023 which is available to view on [www.asx.com.au](http://www.asx.com.au). The company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcement and that all material assumptions and technical parameters underpinning the estimates in the relevant market announcement continue to apply and have not materially changed. The company 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.

## Production targets and forecast financial information

The information in this presentation that relates to production targets and forecast financial information derived from a production target is extracted from the company's ASX announcement dated 9 November 2023 ("Revised release of Scoping Study results") available to view at [www.asx.com.au](http://www.asx.com.au) (Scoping Study Announcement). The company confirms that all material assumptions underpinning the production targets and forecast financial information derived from production targets set out in the Scoping Study Announcement continue to apply and have not materially changed.

## Scoping Study cautionary statement

The Scoping Study referred to in this presentation is based on the Scoping Study released by the company to ASX in the Scoping Study Announcement.

The company advised that the Scoping Study has been undertaken to consider the development of the Lindfield Vanadium Project. It is a preliminary technical and economic study of the potential viability of the Lindfield Vanadium project. It is based on low-level technical and economic assessments that are not sufficient to support the estimation of ore reserves. Further evaluation work and appropriate studies are required before the company will be in a position to estimate any ore reserves or to provide an assurance of an economic development case. There is a low level of geological confidence associated with any Inferred Mineral Resources, and there is no certainty that further exploration work will result in the determination of Measured or further Indicated Mineral Resources or that the Production Schedule or preliminary economic assessment will be realised.

The Scoping Study is based on the material assumptions outlined in the Scoping Study Announcement. These include assumptions about the availability of funding. While the company considers all of the material assumptions to be based on reasonable grounds, there is no certainty that they will prove to be correct or that the range of outcomes indicated by the Scoping Study will be achieved.

To achieve the range of outcomes indicated in the Scoping Study, additional funding will be required. The company has a supportive shareholder base and has successfully raised capital to progress the project in the past. However, investors should note that there is no certainty that the company will be able to raise the amount of funding required to develop the project when needed. It is also possible that such funding may only be available on terms that may be dilutive or otherwise affect the value of the company's existing shares. It is also possible that the company could pursue other 'value realisation' strategies such as a sale, partial sale or joint venture of the Lindfield Vanadium project. If it does, this could materially reduce the company's proportionate ownership of the project.

The Scoping Study results contained in this presentation relate solely to the Lindfield Vanadium project and do not include Exploration Targets or Mineral Resources defined elsewhere. The company has concluded it has a reasonable basis for providing the forward-looking statements included in this presentation.

Given the uncertainties involved, investors should not make any investment decisions based solely on the results of the Scoping Study.

## Forward Looking Statements

This presentation contains 'forward-looking statements' that are based on the company's expectations, estimates and projections as of the date on which the statements were made. These forward-looking statements may include, among other things, statements with respect to prefeasibility and definitive feasibility studies, the company's business strategy, plans, development, objectives, performance, outlook, growth, cash flow, projections, targets and expectations, mineral reserves and resources, results of exploration and related expenses. Generally, this forward-looking information can be identified by the use of forward-looking terminology such as 'outlook', 'anticipate', 'project', 'target', 'potential', 'likely', 'believe', 'estimate', 'expect', 'intend', 'may', 'would', 'could', 'should', 'scheduled', 'will', 'plan', 'forecast', 'evolve' and similar expressions. Persons reading this presentation are cautioned that such statements are only predictions, and that the company's actual future results or performance may be materially different. Forward-looking statements are subject to known and unknown risks, uncertainties and other factors that may cause the company's actual results, level of activity, performance or achievements to be materially different from those expressed or implied by such forward-looking information. Forward-looking information is developed based on assumptions about such risks, uncertainties and other factors set out herein. The forward-looking statements included in this presentation speak only as of the date of this presentation. Except where required by law or the ASX Listing Rules, the company does not intend to update or revise the forward-looking statements in this presentation in the future.

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## Competent Person Statements

The information above that relates to Mineral Resource estimates is based on, and fairly represents, information compiled by Adrian Boyd, a Competent Person, who is a Member of the Australasian Institute of Mining and Metallurgy (AusIMM). Adrian Boyd is the Principal Geologist – Australia for John T Boyd Company. Adrian Boyd has sufficient experience with the style of mineralisation and type of deposit under consideration, and to the activities undertaken to qualify as a Competent Person as defined in the 2012 Edition of the 'Australasian Code for Reporting of Exploration Results, Exploration Targets, Mineral Resources and Ore Reserves'. Adrian Boyd consents to the inclusion of the matters based on their information in the form and context in which it appears. The information above that relates to metallurgy and metallurgical test work is based on, and fairly represents, information compiled by Nicola Semler, a Competent Person, who is a Member of the Australasian Institute of Mining and Metallurgy (AusIMM). Nicola Semler is the Metallurgist and Chief Technical Officer – CMG. Nicola Semler has sufficient experience with the style of mineralisation and type of deposit under consideration, and to the activities undertaken to qualify as a Competent Person as defined in the 2012 Edition of the 'Australasian Code for Reporting of Exploration Results, Exploration Targets, Mineral Resources and Ore Reserves'. Nicola Semler consents to the inclusion of the matters based on their information in the form and context in which it appears. The information above that relates to mining engineering and mine planning is based on, and fairly represents, information compiled by Gary Benson. Mr Benson BE is a Mining Engineer with 40 years of experience and is a Fellow of the Australasian Institute of Mining and Metallurgy (FAusIMM). Mr Benson has sufficient experience, which is relevant to the style of mineralisation, geology and type of deposit under consideration and to the activity being undertaken to qualify as a competent person under the 2012 edition of the Australasian Code for Reporting Exploration Results, Mineral Resources and Ore Reserves (the JORC Code, 2012); Mr Benson is an Associate of Measured, is independent of CMG; and consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

The information in this announcement that relates to the exploration results, exploration targets and mineral resources for the Company's Lindfield Vanadium Project was first reported by the Company in the Company's prospectus dated 25 May 2022 and ASX announcements dated 22 February 2023, 13 March 2023 and 16 May 2023. The Company confirms that it is not aware of any new information or data that materially affects the exploration results, exploration targets and mineral resources, and that all material assumptions and technical parameters underpinning these continue to apply and have not materially changed. Where the Company refers to exploration results or mineral resources in this announcement (referencing previous releases made to the ASX), it confirms that it is not aware of any new information or data that materially affects the information included in that announcement and all material assumptions and technical parameters underpinning the exploration results or mineral resources estimate in that announcement continue to apply and have not materially changed. The Company confirms that the form and context in which the Competent Persons findings are presented have not materially changed from the original announcement.

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**Thank you**