

# Lynas Rare Earths Limited

FY24 Results Presentation

28 August 2024





# Disclaimer

This presentation has been prepared by Lynas Rare Earths Limited (ABN 27 009 066 648) (Lynas or the Company) this presentation contains summary information about Lynas and its subsidiaries (Lynas Group) and their activities current as at the date of this presentation. The information in this presentation is of general background and does not purport to be complete or to comprise all the information that a shareholder or potential investor in Lynas may require in order to determine whether to deal in Lynas shares. It should be read in conjunction with Lynas group's other periodic and continuous disclosure announcements lodged with the Australian Securities Exchange (ASX), which are available at [www.asx.com.au](http://www.asx.com.au). This document is not a prospectus or a product disclosure statement under the Corporations act (Cth) 2001 (Corporations Act) and has not been lodged with ASIC.

## **Not investment or financial product advice**

This presentation is for information purposes only and is not financial product or investment advice or a recommendation to acquire Lynas shares and has been prepared without taking into account the objectives, financial situation or needs of individuals. Before making an investment decision, prospective investors should consider the appropriateness of the information having regard to their own objectives, financial situation and needs and seek financial, legal and taxation advice appropriate to their jurisdiction. Lynas is not licensed to provide financial product advice in respect of Lynas shares. Cooling off rights do not apply to the acquisition of Lynas shares.

## **Financial data**

All dollar values are in Australian dollars (A\$) unless stated otherwise and financial data is presented within the year ending 30 June 2024 unless stated otherwise. Any pro forma historical financial information included in this presentation does not purport to be in compliance with article 11 of regulation S-X of the rules and regulations of the US securities and exchange commission.

## **Future performance**

Past performance information given in this presentation is given for illustrative purposes only and should not be relied upon as (and is not) an indication of future performance. This presentation contains certain "forward-looking statements". The words "expect", "should", "could", "may", "will", "predict", "plan", "scenario", "forecasts", "anticipates" "estimates" and other similar expressions are intended to identify forward-looking statements. Indications of, and guidance on, future earnings and financial position and performance are also forward-looking statements. Forward-looking statements, opinions and estimates provided in this presentation are based on assumptions and contingencies which are subject to change without notice, as are statements about market and industry trends, which are based on interpretations of current market conditions. Such forward-looking statements including projections, guidance on future earnings and estimates are provided

as a general guide only and should not be relied upon as an indication or guarantee of future performance. There can be no assurance that actual outcomes will not differ materially from these forward-looking statements.

## **Investment risk and other risks**

An investment in Lynas shares is subject to investment and other known and unknown risks, some of which are beyond the control of Lynas group, including risk factors associated with the industry in which Lynas group operates, such as: nature of mineral exploration and production; mineral and ore reserves; operations risks; project development risks; market price and demand risk; credit and market risks; regulatory, political and environmental risks; tax and other risks generally relating to equity investment.

## **Not an offer**

This presentation does not constitute an offer to sell, or the solicitation of an offer to buy, any securities in the united states. Any securities described in this presentation have not been, and will not be, registered under the U.S. Securities act of 1933 (the "securities act").

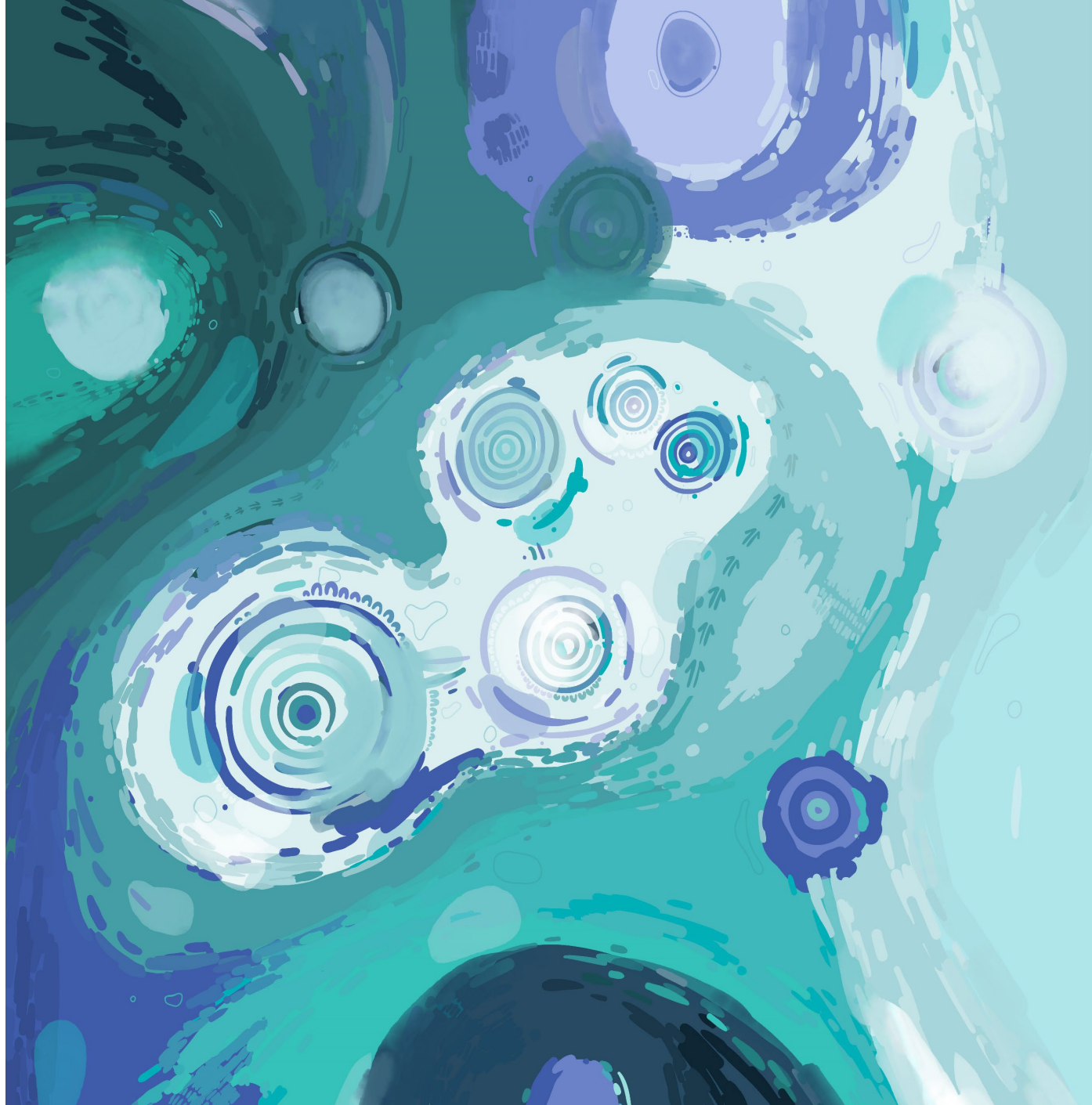
## **Disclaimer**

Lynas and its affiliates, officers, employees, agents and advisers have not authorised, permitted or caused the issue, dispatch or provision of this presentation to any third party. Lynas, its related bodies corporate and their respective affiliates, officers, employees, agents and advisers to the maximum extent permitted by law, expressly disclaim all liabilities in respect of any expenses, losses, damages or costs incurred by you as a result of the information in this presentation being inaccurate or due to information being omitted from this presentation, whether by way of negligence or otherwise, and make no representation or warranty, express or implied, as to the fairness, currency, accuracy, reliability or completeness of information. The information in this presentation remains subject to change without notice.

# Acknowledgement of Country

Lynas Rare Earths acknowledges the Traditional Owners of the lands on which we live, work and meet, across Australia.

We acknowledge and value Lynas' Aboriginal and Torres Strait Islander employees, partners and communities and pay respect to their Elders past and present.



# FY24 Financial highlights

Net Profit After Tax

**\$84.5m**

FY23 NPAT: \$310.7M

Sales Revenue

**\$463.3m**

FY23: \$739.3m

EBITDA

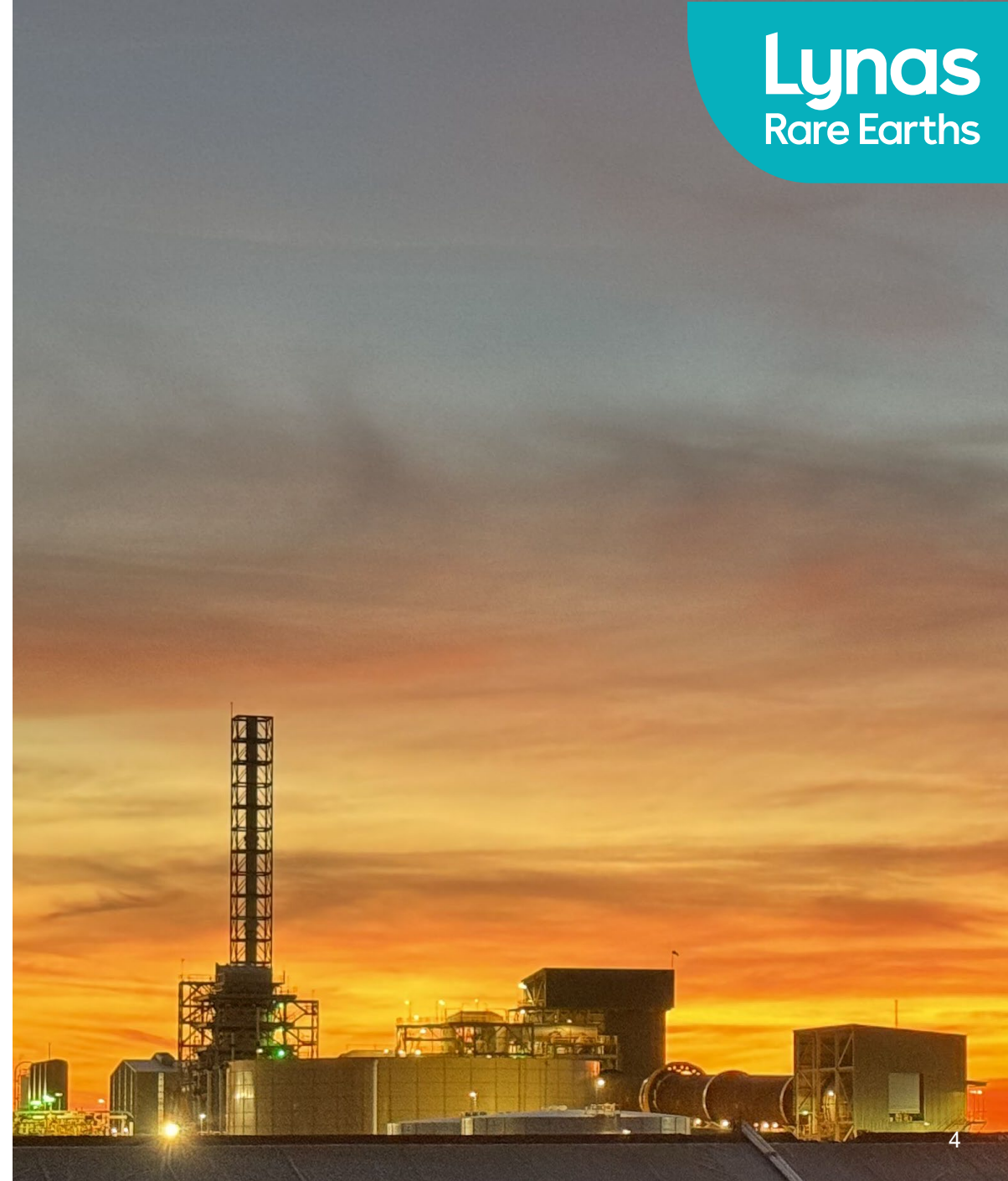
**\$132.1m**

FY23: \$377.7m

Cash and Short Term  
Deposits

**\$523.8m**

30 June 2023: \$1.01B





# FY24 Operational snapshot

**10,908t**

**Total REO production**

FY23: 16,780 tonnes

**5,655t**

**NdPr production**

FY23: 6,142 tonnes

**\$38.1**

**Average selling price  
per kg REO**

FY23: \$46.2/kg

**\$579.3m**

**Capital invested in  
property, plant,  
equipment & mine  
development**

30 June 2023: \$595.5m



# FY24 Safety in focus

**1.04**

per million hours worked Lost Time Injury  
Frequency Rate (LTIFR)

Improved from 1.2 in FY23

**5.0**

per million hours worked Total Recordable Injury  
Frequency Rate (TRIFR)

Increased from 3.2 in FY23 and will be a focus for  
health and safety programs for FY25

**400,000**

hour, 6-week Lynas Malaysia works program  
safely delivered by Lynas personnel & approx. 600  
subcontractors

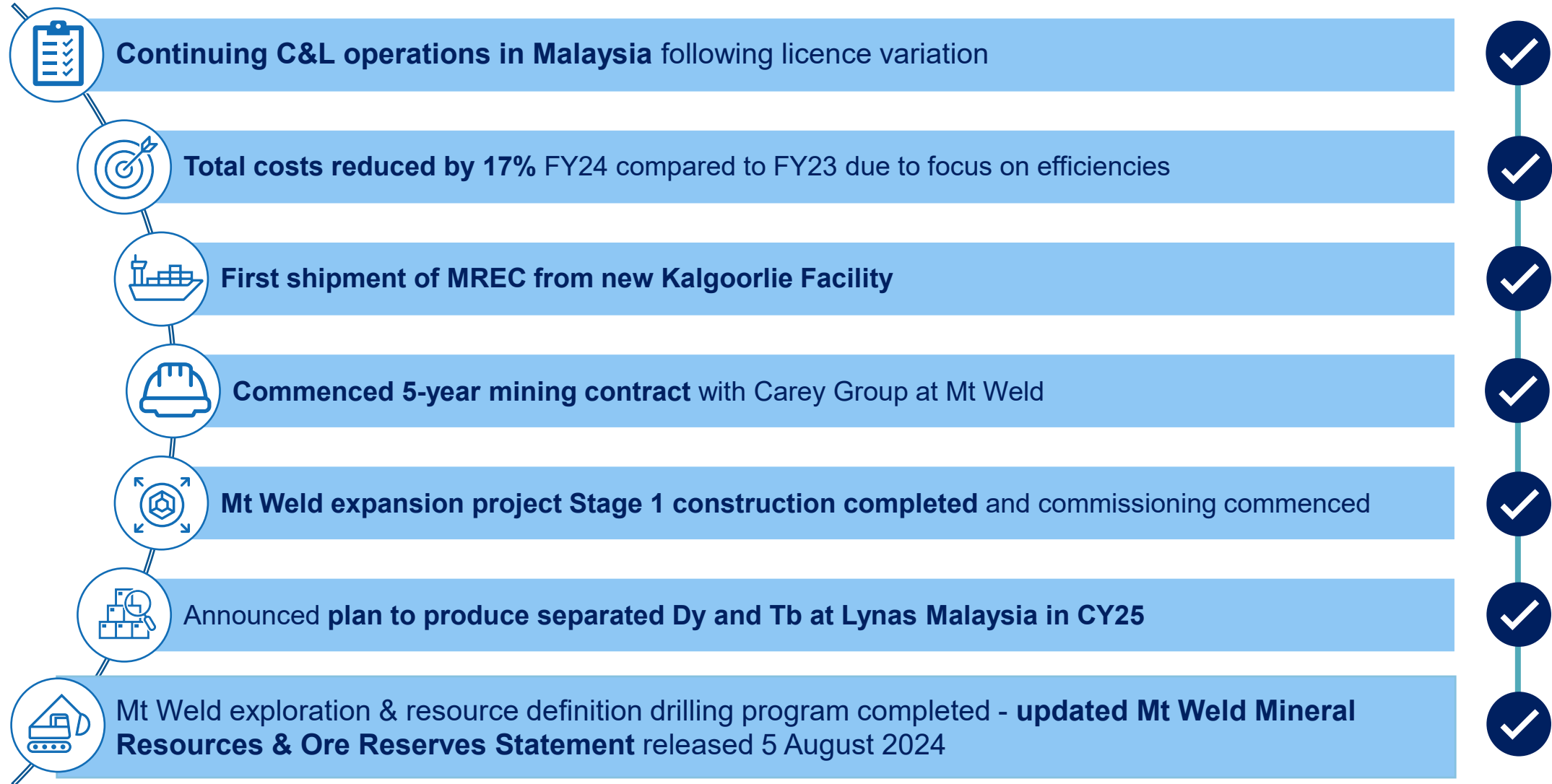
Zero injuries sustained



Photo: Lynas Malaysia works program – November-December 2023



# FY24 Operational highlights





# Mt Weld Mineral Resource and Ore Reserve Update 2024<sup>^</sup>

**92% increase**

in mineral resources  
from June 2018\*

**63% increase**

in ore reserves from  
June 2018\*\*

**46% increase**

in TREO from August  
2018

**92% increase**

in contained Dy oxide  
from June 2018 and all  
heavy rare earths now  
reported

**>35 year**

Ore Reserve mine life  
for production capacity  
of 7,200 tpa NdPr oxide

**>20 year**

Ore Reserve mine life  
for expanded production  
capacity of 12,000tpa  
NdPr oxide

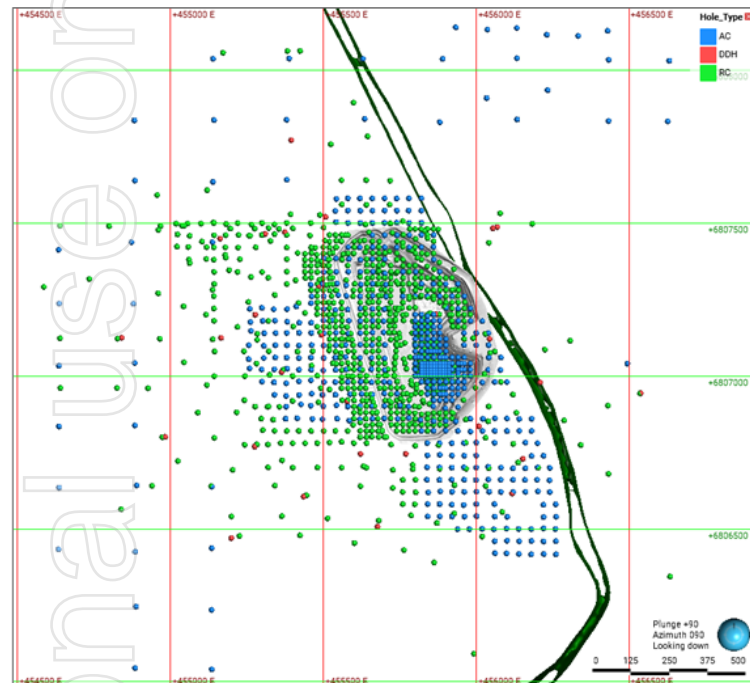


# Mt Weld Mineral Resource distribution<sup>^</sup>

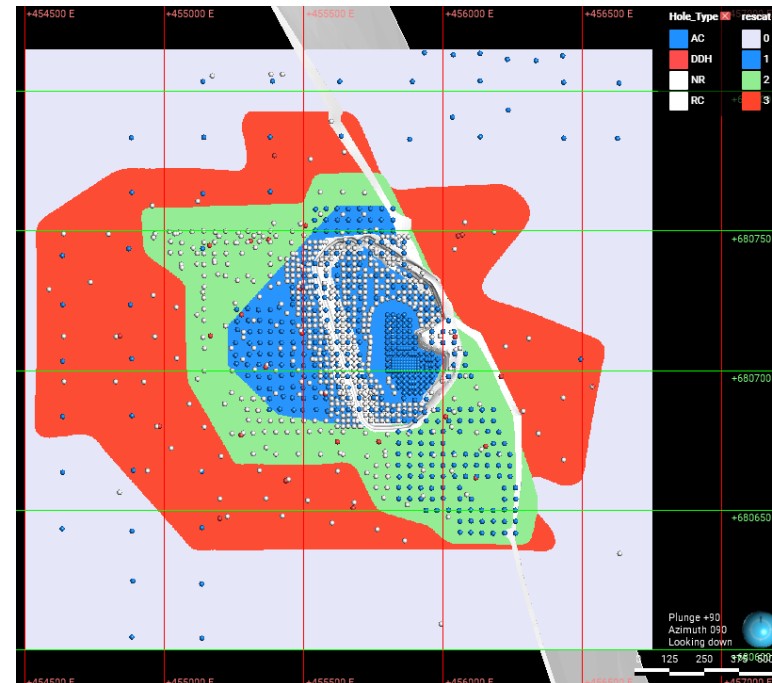
**Extensive drilling  
program complete**

**Enhanced understanding of  
mineralogy in ore zones**

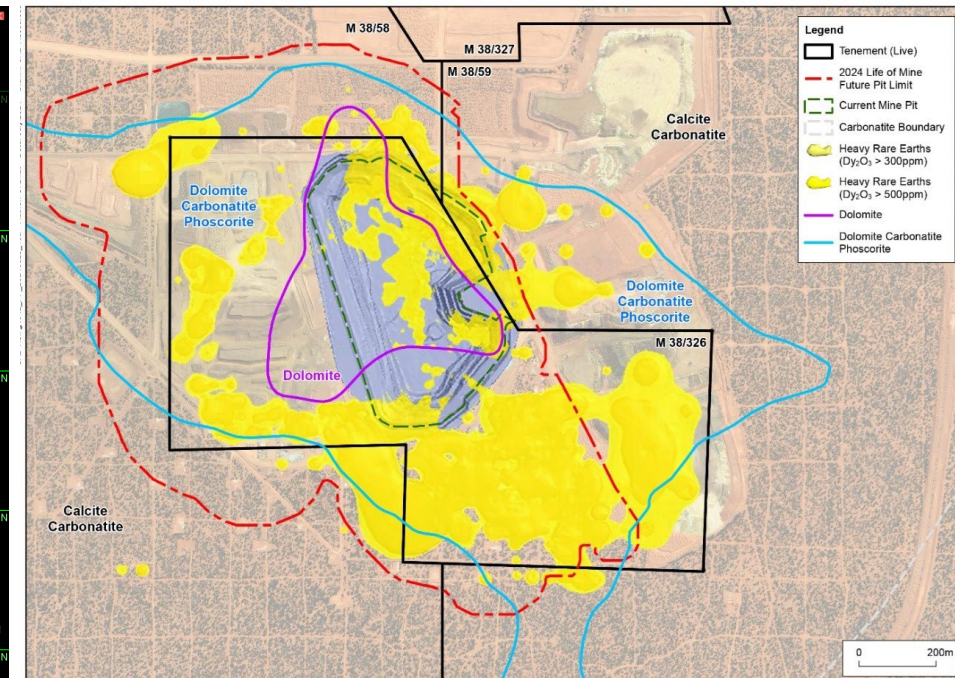
**Expansive HRE halo  
identified and scoped**



Plan view of hole collar points at Mt Weld.  
Current mined pit (grey) and dolerite dyke (green) displayed



Plan view of Mt Weld Mineral Resource category boundaries  
Drillhole collars and dolerite displayed.  
Resource Category: RESCAT 1 = Measured, 2 = Indicated, 3 =  
Inferred, 0 = Unclassified



Dy2O3 >300ppm distribution around the Central Lanthanide Deposit

<sup>^</sup>See Appendix A

# 92% increase in Mineral Resources<sup>^</sup>

Mineral Resources estimate  
of 106.6 Mt at an average  
grade of 4.12% TREO

92% increase in Mineral  
Resources from 55.4 Mt to  
106.6 Mt\*

46% increase in contained  
TREO from 3.0 Mt  
to 4.39 Mt TREO\*

| JORC Classification | Million Tonnes | TREO (%)   | TREO ('000 tonnes) |
|---------------------|----------------|------------|--------------------|
| Measured            | 20.0           | 7.2        | 1,435              |
| Indicated           | 15.5           | 4.3        | 660                |
| Inferred            | 71.1           | 3.2        | 2,295              |
| <b>Total</b>        | <b>106.6</b>   | <b>4.1</b> | <b>4,389</b>       |

TREO = total Rare Earth Oxides (La2O3, CeO2, Pr6O11, Nd2O3, Sm2O3, Eu2O3, Gd2O3, Tb4O7, Dy2O3, Ho2O3, Er2O3, Tm2O3, Yb2O3, Lu2O3) + Yttrium (Y2O3). Totals may not balance due to rounding of figures

<sup>^</sup>See Appendix A

\* Compared to August 2018 Mineral Resources estimate

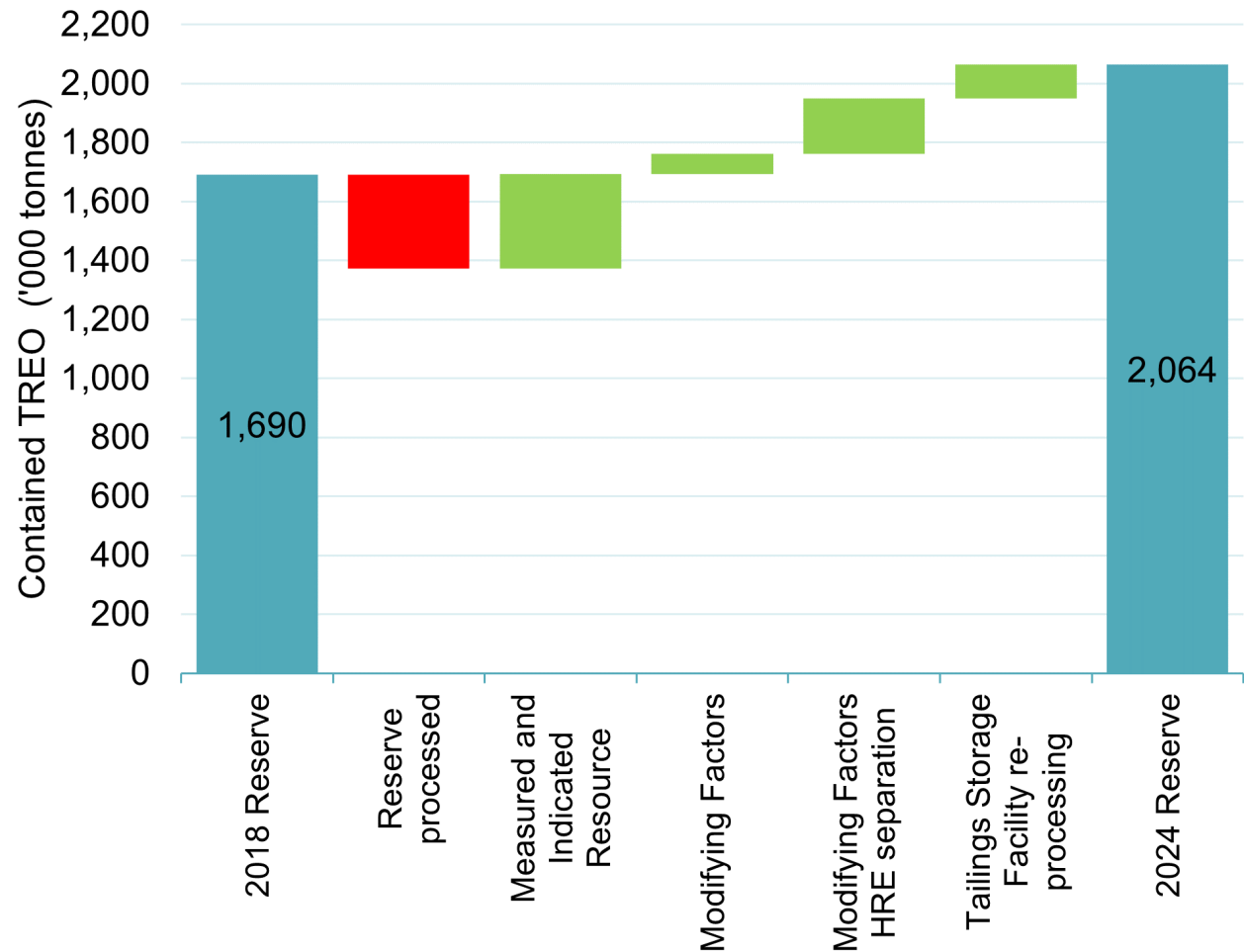


# 63% increase in Ore Reserves^

**Ore Reserves now 32.0 Mt at 6.44% TREO**  
2.0 million tonnes of contained TREO

**22% increase in contained TREO**  
from 1.690 million to 2.064 million tonnes\*

**92% increase in contained Dysprosium oxide\***



^See Appendix A

\* Compared to June 2018 Ore Reserves

# FY24 ESG snapshot

## Diversity & inclusion

- **24%** women employees
- **21%** women in operating roles
- **33.3%** women Board members
- **87.2%** participation in All Staff Engagement Survey

## Environment

- **65MW** (approx) Mt Weld hybrid renewable power station early works commenced
- **0.75MW** rooftop solar panel installation underway at Lynas Malaysia

## Communities

- Community investment in education, sport/health, environment
- Supporting vulnerable community members
- Lynas Local Giving community grants program
- Education programs including STEM, scholarships

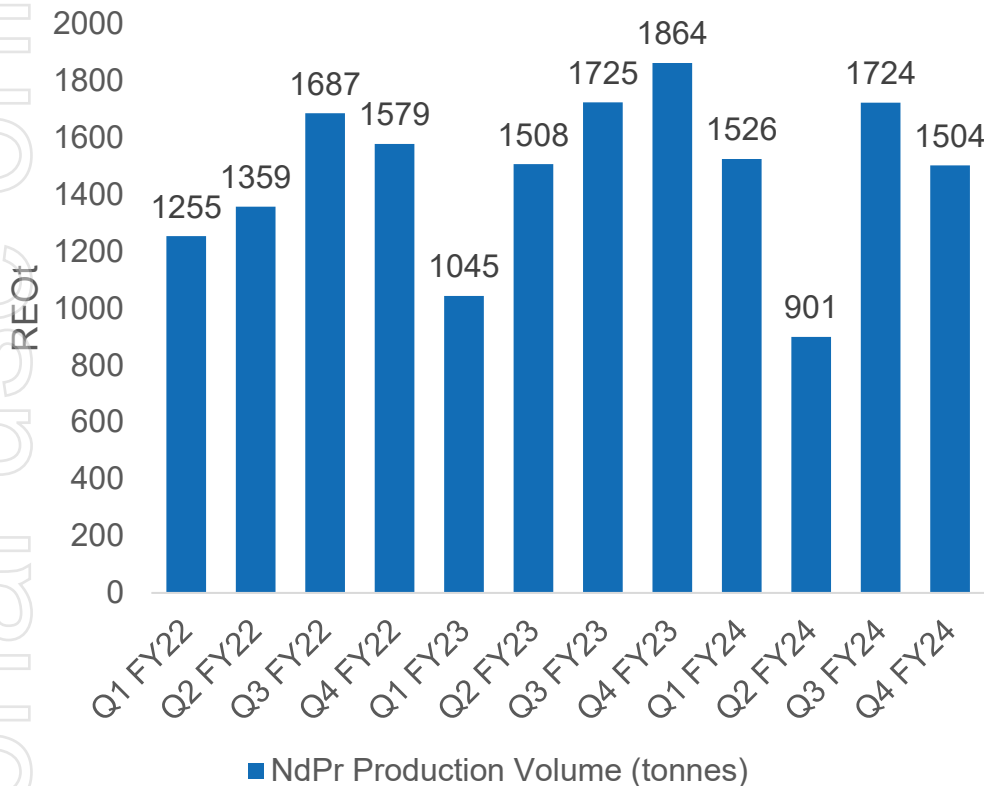
## Governance

- Updated Climate Change Policy
- Preparation for emerging climate disclosure frameworks
- Established Climate Working Group

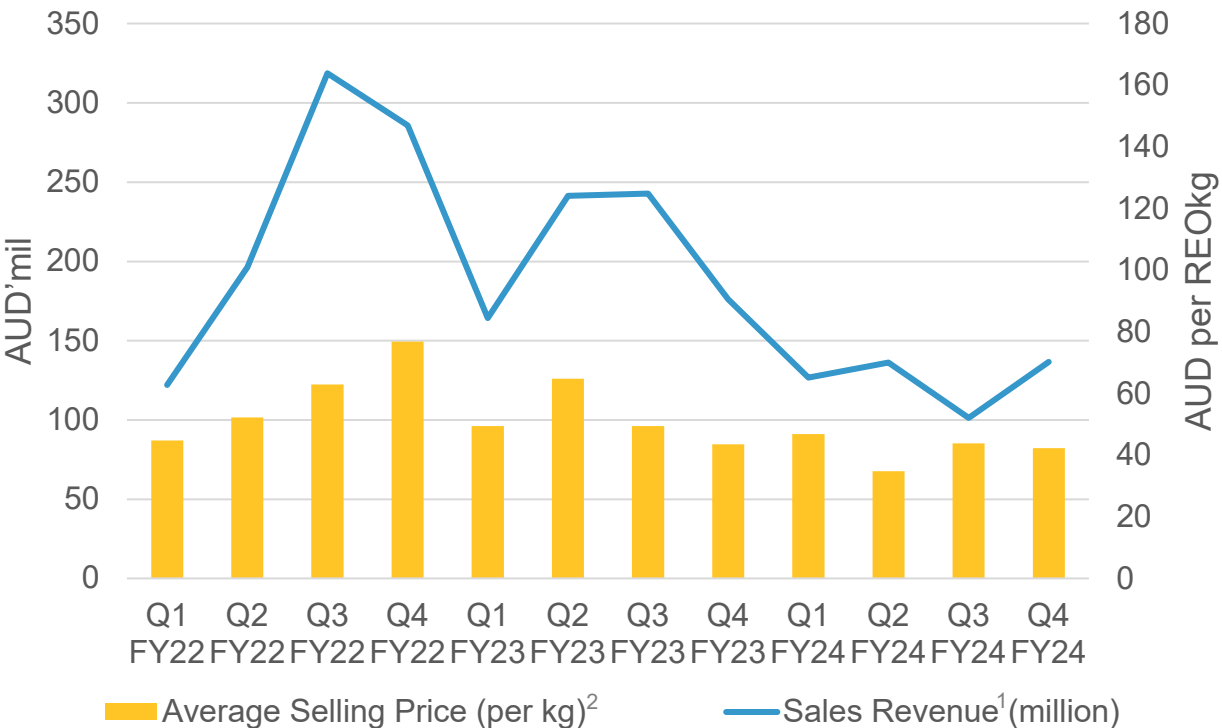


# NdPr production & Total REO Average Selling Price

NdPr Production Volume (tonnes)



Total REO Sales Revenue (\$m) and Average Selling Price (per kg)



1. Sales revenue excludes any other income / expenses from price adjustments on quotational sales.  
 2. Average selling price excludes price adjustments.

# Lynas continues to invest to meet customer needs and grow with the market

## Malaysia

|                            |  |
|----------------------------|--|
| Facility                   | Processing & separation                                |
| Product                    | LRE, SEGH, Dy, Tb                                      |
| Status                     | Operational (expansion & DY/Tb separation in progress) |
| Target Processing Capacity | ~10.5ktpa NdPr finished product                        |

## Texas, U.S.

|                            |  |
|----------------------------|--|
| Facility                   | Separation & finishing                               |
| Product                    | LRE, HRE   |
| Status                     | Planned project                                      |
| Target Processing Capacity | ~1.3ktpa NdPr finished product<br>~2.5 - 3.0ktpa HRE |

## Mt Weld, Australia

|                            |   |
|----------------------------|---|
| Facility                   | Mine & concentrator   |
| Product                    | Concentrate   |
| Status                     | Operational (expansion in progress)                           |
| Target Processing Capacity | Feedstock capacity to produce ~12.0ktpa NdPr finished product |

## Kalgoorlie, Australia

|                            |  |
|----------------------------|--|
| Facility                   | Processing   |
| Product                    | Carbonate  |
| Status                     | Ramp up  |
| Target Processing Capacity | Feedstock capacity to produce ~9.0ktpa NdPr finished product |

## Key

|  |   |
|--|---|
| Mixed Rare Earth Concentrate           | ● |
| Mixed Rare Earth Carbonate             | ● |
| Separated Light Rare Earths (LRE)      | ● |
| SEG (mixed Heavy Rare Earths compound) | ● |
| Separated Heavy Rare Earths (HRE)      | ● |

Upstream operations

Downstream operations



# Mt Weld: Significant progress on growth plan

Mining operations recommenced on continuous basis

Exploration drilling program successfully completed

Mt Weld Expansion project well progressed

Mt Weld Mineral Resource and Ore Reserve update (5 August 2024) ^



# Mt Weld Expansion project: FY24 progress

Stage 1 construction completed and commissioning commenced

Construction of Stage 2 (balance of plant) underway for completion by end of FY25

Early works commenced on approx. 65MW gas-fired hybrid renewable power station for operation in CY26





# Kalgoorlie Facility: First production achieved

Ramp up aligned with increased  
Mt Weld & Malaysia production  
capacity and market demand

First shipment of MREC dispatched  
to Lynas Malaysia June quarter  
2024

Focus on efficiency and initiatives  
to improve cost competitiveness



# Lynas Malaysia: Expanding capacity and product range

**Lynas**  
Rare Earths

Variation to Lynas Malaysia operating licence enabling full operations and expansion

Most significant upgrade works program in over a decade completed December 2023

Works will enable progressive uplift to separation capacity of approx. 10.5Kt p.a. NdPr

Circuits reconfigured for interim target of 9Kt p.a. NdPr production capacity with ramp up in progress

Mixed Rare Earth Carbonate (MREC) receival facility completed and commissioned

Initial delivery of MREC from Kalgoorlie Facility received and successfully processed

First HRE (Dy, Tb) production targeted for CY25 following reconfiguration of existing SX circuit at Lynas Malaysia



# U.S. Rare Earths Processing Facility: FY24 progress

US\$258m follow-on contract signed with U.S. DoD for construction of U.S. Heavy Rare Earths plant

Detailed engineering, procurement and approvals activities continued including the Environmental Policy Act (NEPA) environmental approval process which successfully concluded with the issuance of a "Finding of No Significant Impact"

30% project design review completed

A permitting issue has arisen related to wastewater management that is unlikely to be resolved in CY24; earthworks previously planned to commence in 2024 will be delayed until the matter is resolved





# Caring for our communities



Lynas supported the Cycling Development Foundation (CDF) NAIDOC Week celebrations in Laverton, which held a special event and bike riding activities.

**Lynas**  
Rare Earths



The Kalgoorlie team members and their families joined the Kalgoorlie-Boulder Urban Landcare Group (KBULG) for its annual Tree Planting Day at Karlkurla Bushland Park



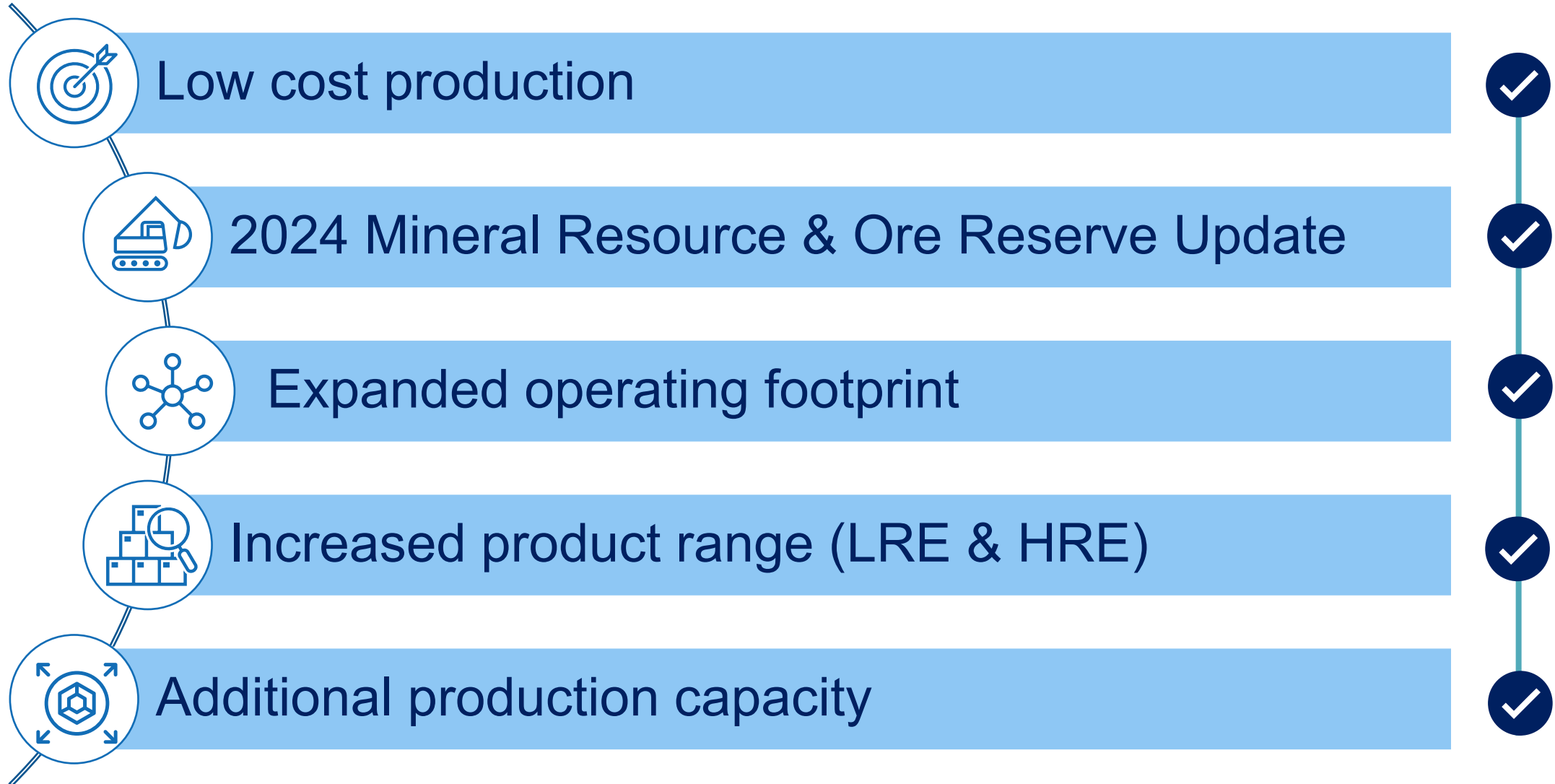
Lynas Malaysia contributes backpacks, uniforms and stationery as part of the annual Back to School program



Lynas supports the launch of the Eco Schools program in Malaysia, which implements climate change education into the national curriculum



# Lynas: Productive, profitable and growing





### Care

We care for and respect each other, our communities and the environment. We make sure we all go home safe and well.



### Achievement

We are resilient and committed. We overcome challenges to achieve our goals.



### Expertise

We are driven to be the world's best in Rare Earths and to earn the respect of our customers.



### Diversity

We are a multicultural company. We value and embrace diversity.



### Sustainability

We are passionate about contributing to a sustainable future and green technologies.

Visit us at  
[LynasRareEarths.com](https://LynasRareEarths.com)



# Appendix A: JORC Compliance and Competent Person's Statement

## Exploration Results

The information in this report is based on, and fairly represents information and supporting documentation jointly prepared by Marcelle Watson, Geology Manager, and Dr. Ganesh Bhat, Principal Resource Geologist. Marcelle Watson is a full-time employee of Lynas Rare Earths Ltd and member of AusIMM. Dr Ganesh Bhat is a full-time employee of Lynas Rare Earths Ltd and member of AusIMM. Ms Watson and Dr Bhat have the relevant experience in relation to the mineralisation being reported on to qualify as a Competent Persons as defined in the Joint Ore Reserves Committee (JORC) Australasian Code for Reporting of Exploration Results, Identified Mineral Resource and Ore Reserves 2012. Ms Watson and Dr Sadangaya Ganesh Bhat consent to the disclosure of information in this report in the form and context in which it appears.

The potential extent and grade of the Fresh Carbonatite is unknown at this stage, as there has been insufficient exploration and it is uncertain if further exploration will result in estimation of a Mineral Resource. The Exploration Results have been prepared and reported in accordance with the 2012 edition of the JORC Code.

## Mineral Resources and Ore Reserves

Full details of the material change that occurred in 2024 are reported in the Lynas ASX announcement dated August 5, 2024, titled “**2024 Mineral Resource and Ore Reserve update: Lynas announces a 92% increase in Mineral Resources and a 63% increase in Mt Weld Ore Reserves - with significant increase in contained heavy rare earth mineralisation**”. The company confirms that all material assumptions and technical parameters underpinning the estimated Ore Reserves set out in the ASX announcement dated August 5, 2024 continue to apply and have not materially changed.