## Lynas Corporation Ltd

## Annual General Meeting 23 November 2015



SAFE FOR PEOPLE SAFE FOR THE ENVIRONMENT SECURE FOR CUSTOMERS















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## Today



Focus on Mt Weld

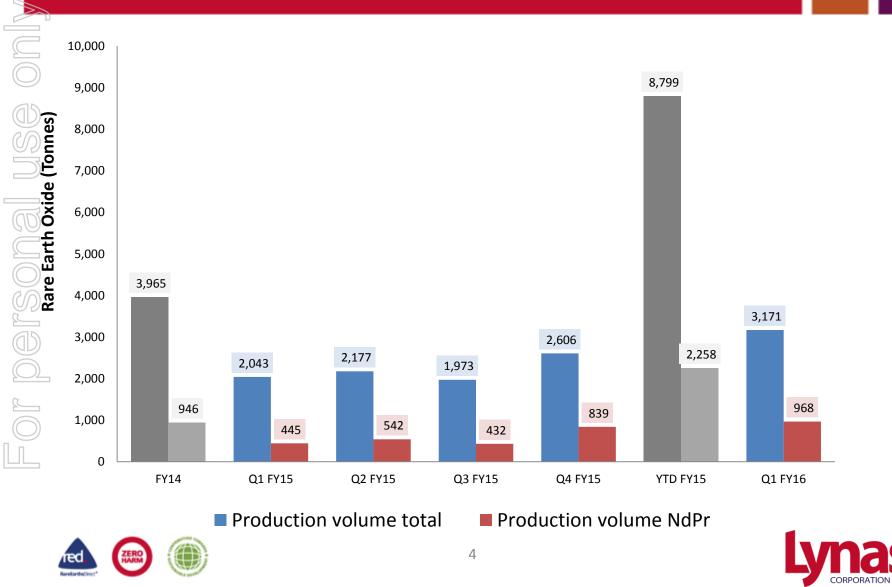
Market developments

FY16 Priorities

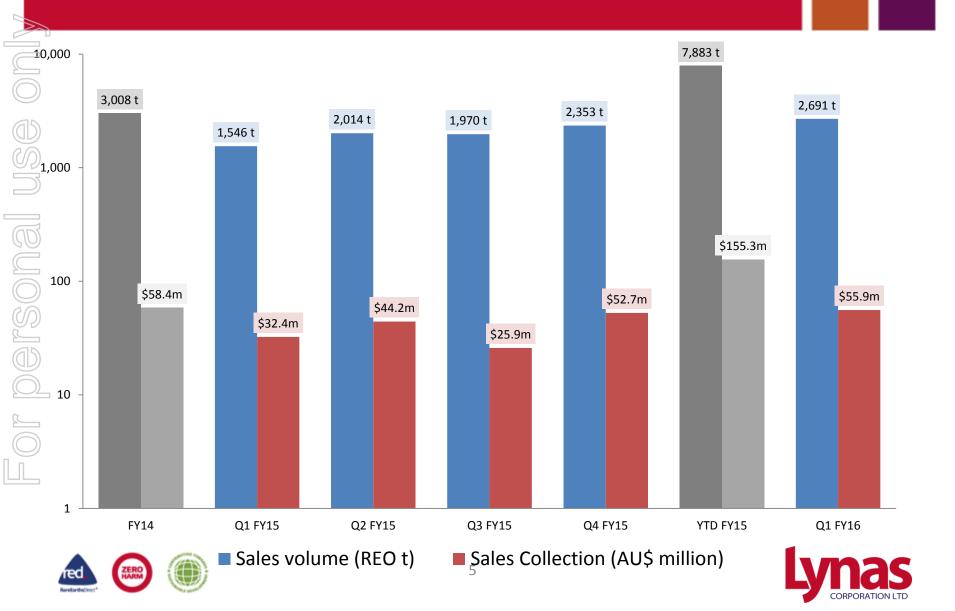




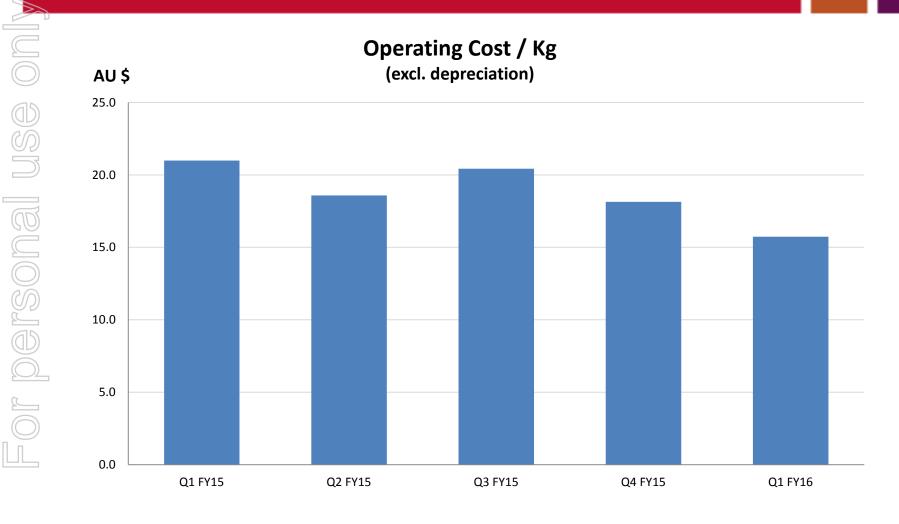
## **Production Growing and on Target**



## Sales Growing by Volume and by Value



### **25% REDUCTION IN UNIT OPERATING COST**

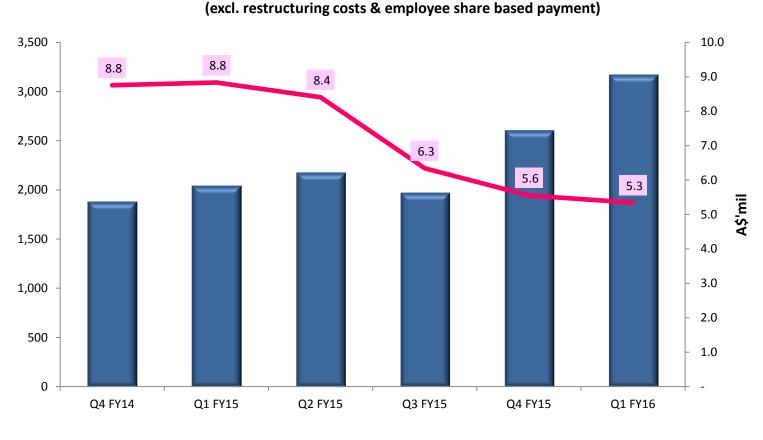






### **40% reduction in Overheads**

Overheads vs LAMP Production



Production Volume REOt 🛛 💻

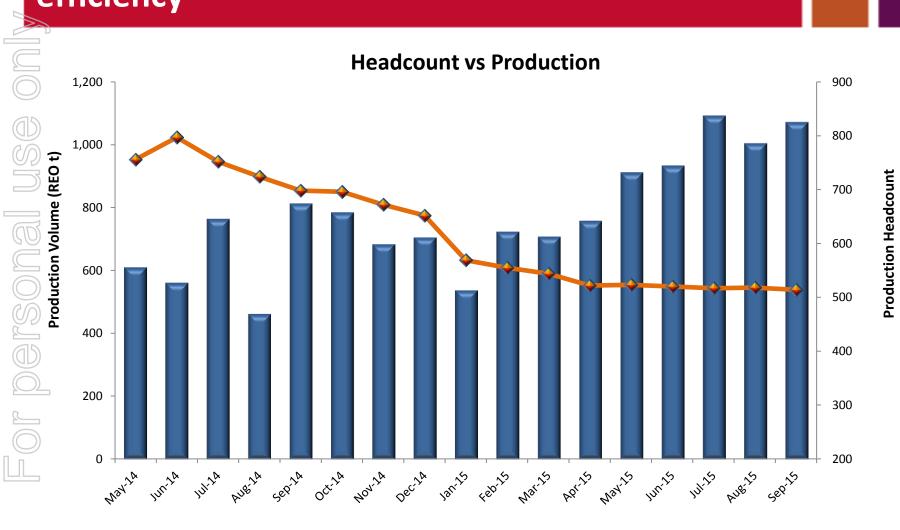




Production Volume (REO t)



## **Right sized workforce delivering improved efficiency**



Production Volume REOt

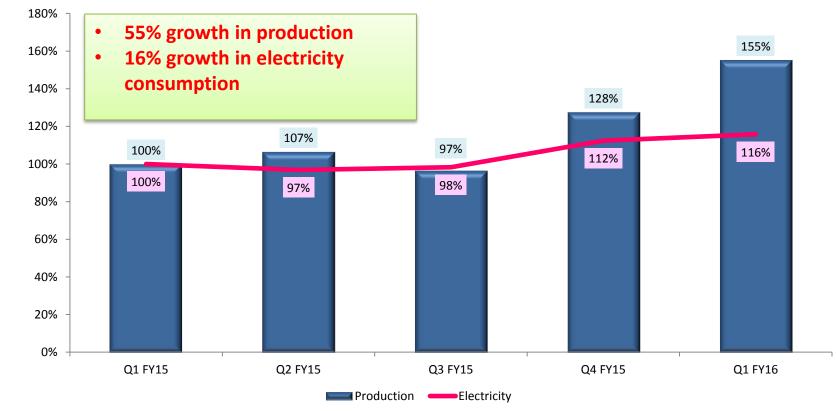
Total Production Headcount



8

## Production planned to optimise equipment and energy use

#### **Electricity vs Production (Index)**

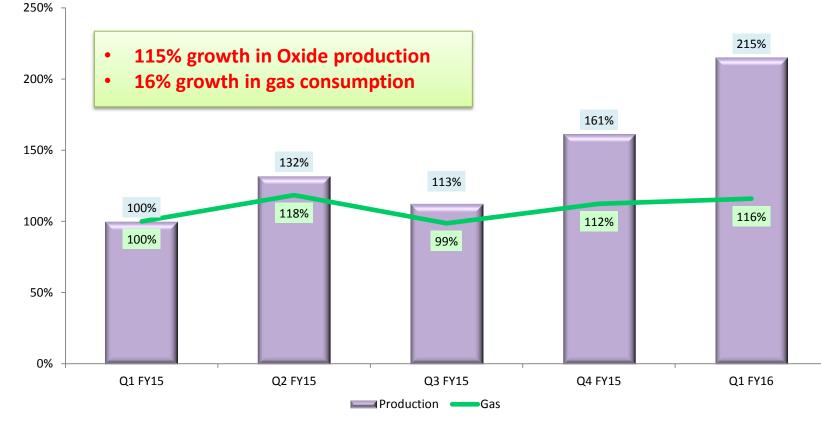






## Production planned to optimise equipment and energy use

#### Gas vs Oxides Production (Index)

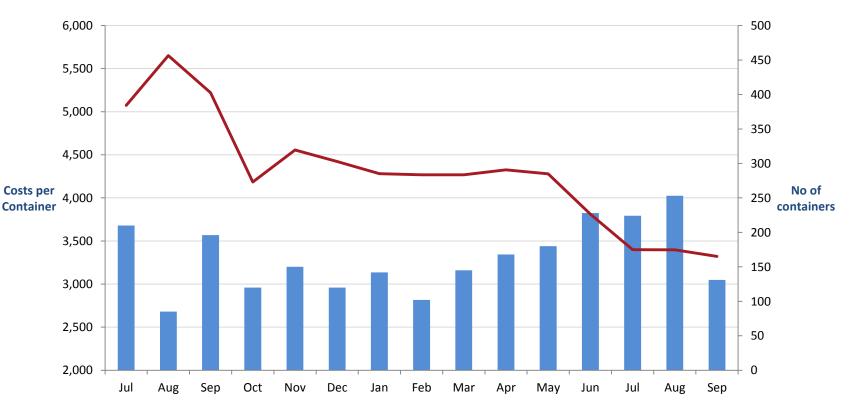






### **Reduced Logistics costs WA Landside transport**



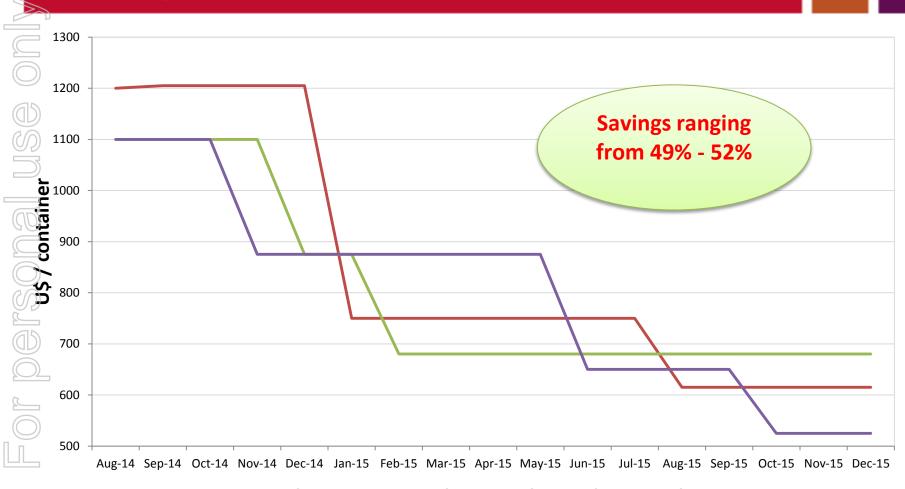


Total Containers shipped

-Average costs per container



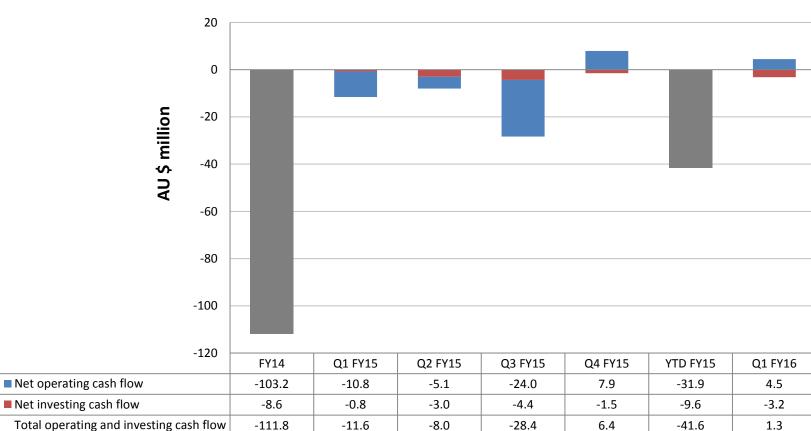
## Reduced logistics costs Sea Freight



—Company 1 —Company 2 —Company 3



## Improved cash flow





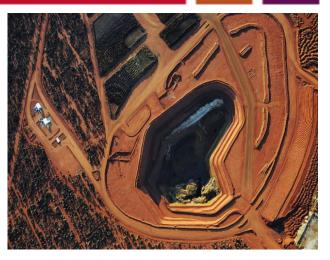




## Mining and 1<sup>st</sup> Stage processing at Mt Weld, WA

Tony Malloch GM Mt Weld







# Our Challenges: Our Resource, Water, Distance al use only















## Committed to Safety & Environmental protections

Ducks on the tailings dam at Mt

Ducks on the tailings dam at Mt Weld



Local Wildlife





## Radiation Safety Monitoring Program

## 3 programs carried out by an AELB accredited consultant

Occupational Exposure Monitoring Program (OEMP) Environmental Radiation Monitoring Program (ERMP) Aerosol Monitoring System (AMS)

### Results

D

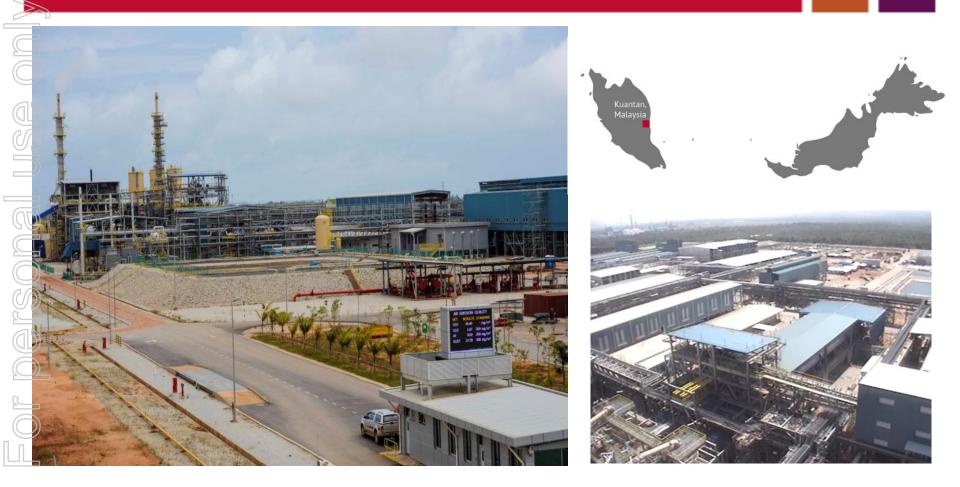
- ERMP off-site showed radiation levels that **EQUAL** the background
- AMS reading at the LAMP and Kuantan are **EQUAL** i.e. no impact to the environment
- IAEA 2014 reported dose rates that are "INTRINSICALLY LOW"







## Kuantan, Malaysia







## **Rare Earths Market Estimates** Increasing growth rates especially in magnets

30

**25 k** 

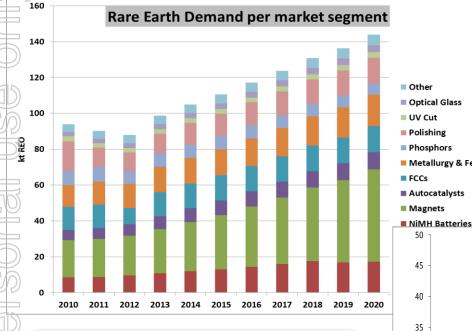
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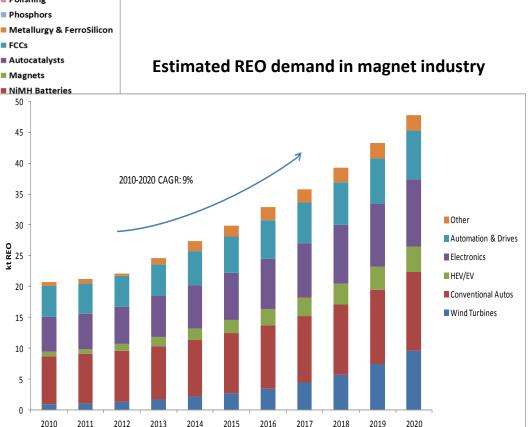
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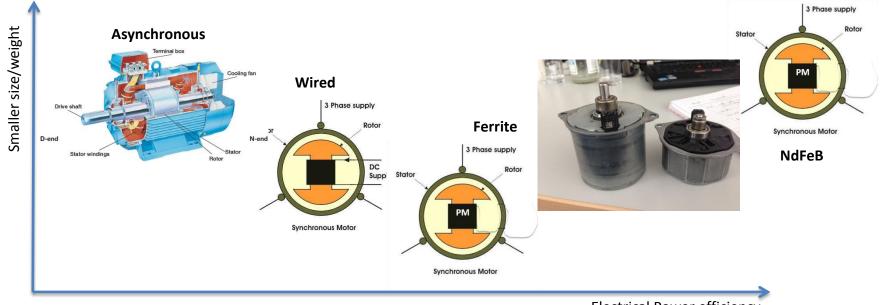
Approx. 1/3 Processed in CHINA and consumed CHINA

• Approx. 1/3 Processed in CHINA and consumed in Rest of World (ROW)

• Approx. 1/3 Processed in ROW and consumed in ROW



# Rare Earths Magnets are the best choice for small/medium motors



**Electrical Power efficiency** 

#### NdFeB benefits fully leveraged with e-cars

- Weight reduction = Reduced consumption
- Better efficiency = Smaller batteries





Quality and environmental assurance from mine to customer is important in key growth segments (Automotive, Wind turbines)

- Lynas offers assurance and traceability of all product

Rare Earths products can be differentiated based on quality and performance

- Lynas is working with target customers who seek to innovate in their markets
  Permanent magnet use is not yet at optimal levels
  - Lynas is working with Magnet makers to increase product usage

Customers in Japan, Europe and the US are seeking an independent reliable supplier

- Lynas is the only non Chinese miner and separator of rare earths
- Customers require supply reliability and price predictability
  - Lynas offers long term contracts tailored to customer needs

Market growth depends on pull through from consumer markets

Lynas is directly engaged with OEMs and end users





## **Our Team**

















## Rare Earths Market Data: Disclaimer

The slides in this presentation containing Rare Earths market data have been sourced from independent analysis of end application demand, along with Lynas estimates of quantities of Rare Earths end use in various key applications.

Although Lynas believes that the outcomes expressed in such forward-looking statements are based on reasonable assumptions, such statements are not guarantees of future performance. Forward-looking statements are based on assumptions and contingencies which are subject to change without notice. Factors that could cause actual results to differ materially from those in forward-looking statements include new Rare Earths applications, the development of economic Rare Earths substitutes, and general economic, market or business conditions. While Lynas has made every reasonable effort to ensure the veracity of the information presented, Lynas does not guarantee the accuracy and reliability of the estimates, forecasts and conclusions contained herein. Accordingly, the Rare Earths market data in this presentation should be used for general guidance only. There can be no guarantee that actual outcomes will not differ materially from forward-looking statements.



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