



ALUMINA  
LIMITED

# Alumina Limited 2007 Full Year Results

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Chief Executive Officer

**Ken Dean**  
Chief Financial Officer

31 January 2008

# Highlights

- ▶ NPAT - A\$436 million
- ▶ Underlying Earnings - A\$406 million
- ▶ ROE - 25.5%
- ▶ Final dividend - 12¢ fully franked
- ▶ Underwritten DRP introduced for 2008 dividends
- ▶ Aluminium and alumina markets growing strongly

# Disclaimer

*Some statements in this release are forward-looking statements within the meaning of the US Private Securities Litigation Reform Act of 1995. Forward-looking statements also include those containing such words as “anticipate”, “estimates”, “should”, “will”, “expects”, “plans” or similar expressions. Forward-looking statements involve risks and uncertainties that may cause actual outcomes to be different from the forward-looking statements. Important factors that could cause actual results to differ from the forward-looking statements include: (a) material adverse changes in global economic, alumina or aluminium industry conditions and the markets served by AWAC; (b) changes in production and development costs and production levels or to sales agreements; (c) changes in laws or regulations or policies; (d) changes in alumina and aluminium prices and currency exchange rates; and (e) the other risk factors summarised in Alumina’s Form 20-F for the year ended 31 December 2006*

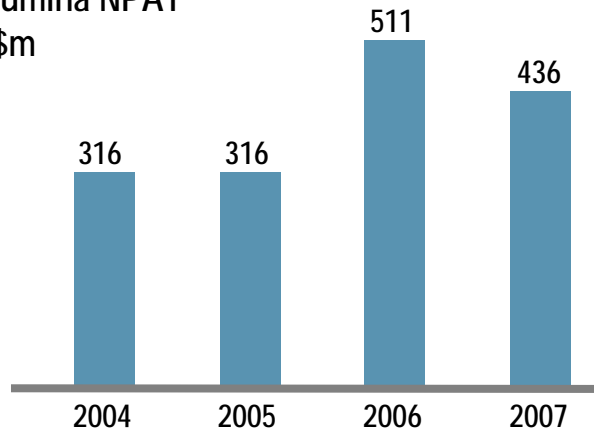


# 2007 Results



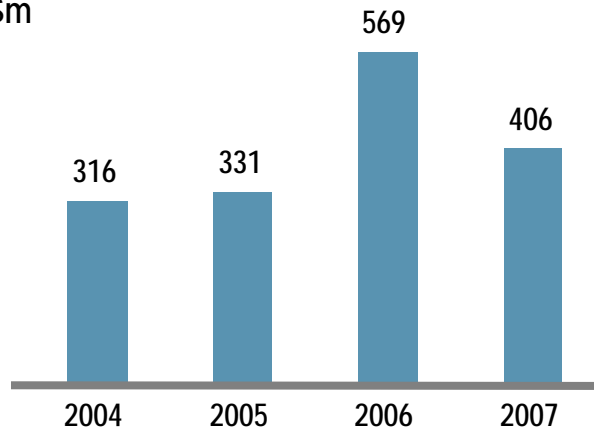
# Margins Reduced on Higher Operating Costs

Alumina NPAT  
A\$m



▶ NPAT A\$436 ↓ 15%

Underlying Earnings  
A\$m

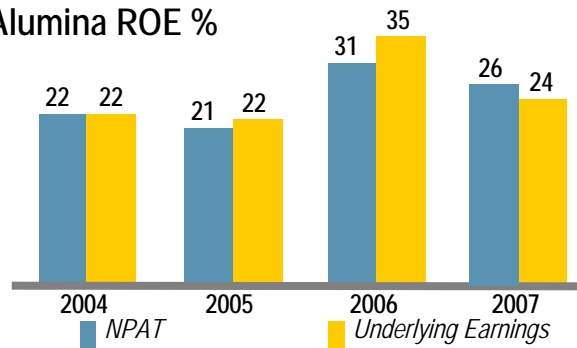


▶ Underlying Earnings of  
A\$406m ↓ 29%

- ▶ Realised alumina and metal prices higher
- ▶ Stronger A\$ impact
- ▶ Higher AWAC operating costs

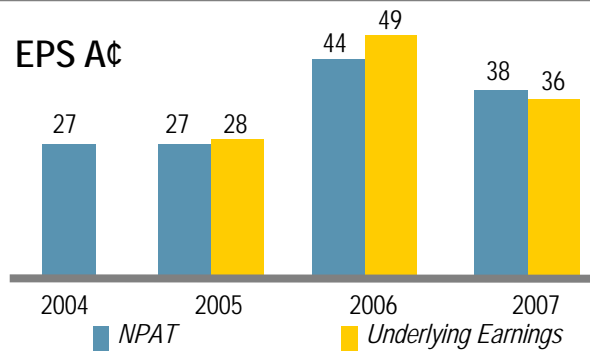
# 2007 ROE, EPS and Dividends

Alumina ROE %



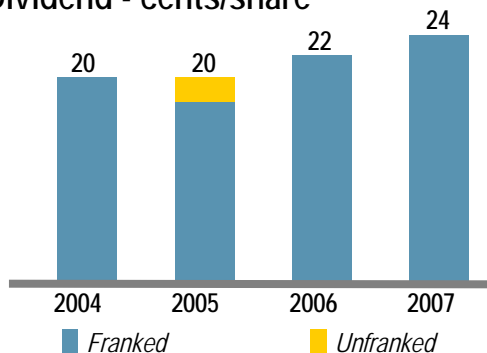
- ▶ ROE (underlying) - 24%, remains strong

EPS A¢



- ▶ Earnings impacted by lower margins

Dividend - cents/share



- ▶ Fully franked 12¢ final dividend

# NPAT - Underlying Earnings Reconciled

	2007	2006
NPAT * (A\$m)	437	511
Employee Retirement Benefit Obligations	(39)	(6)
Embedded Derivatives	8	64
<b>Underlying Earnings</b>	<b>406</b>	<b>569</b>

\* Net profit After Tax calculated according to AIFRS

# Alumina 2007 – Major Cash Movements

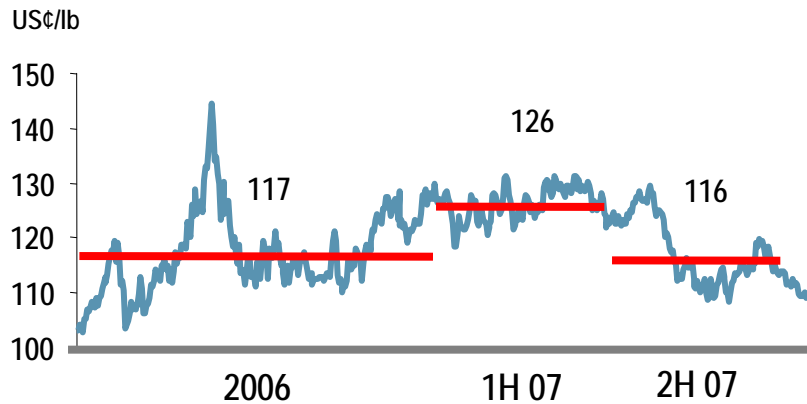
A\$ million

AWAC Dividends received	445
Increase in borrowings	487
Investment in AWAC growth	(489)
Buy-Back	(250)
Dividends Paid	(276)



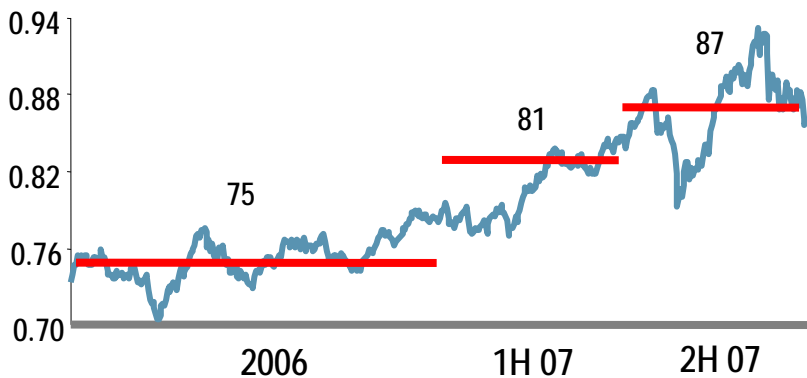
# Aluminium Price and Exchange Rate

LME Aluminium Price (3 month)



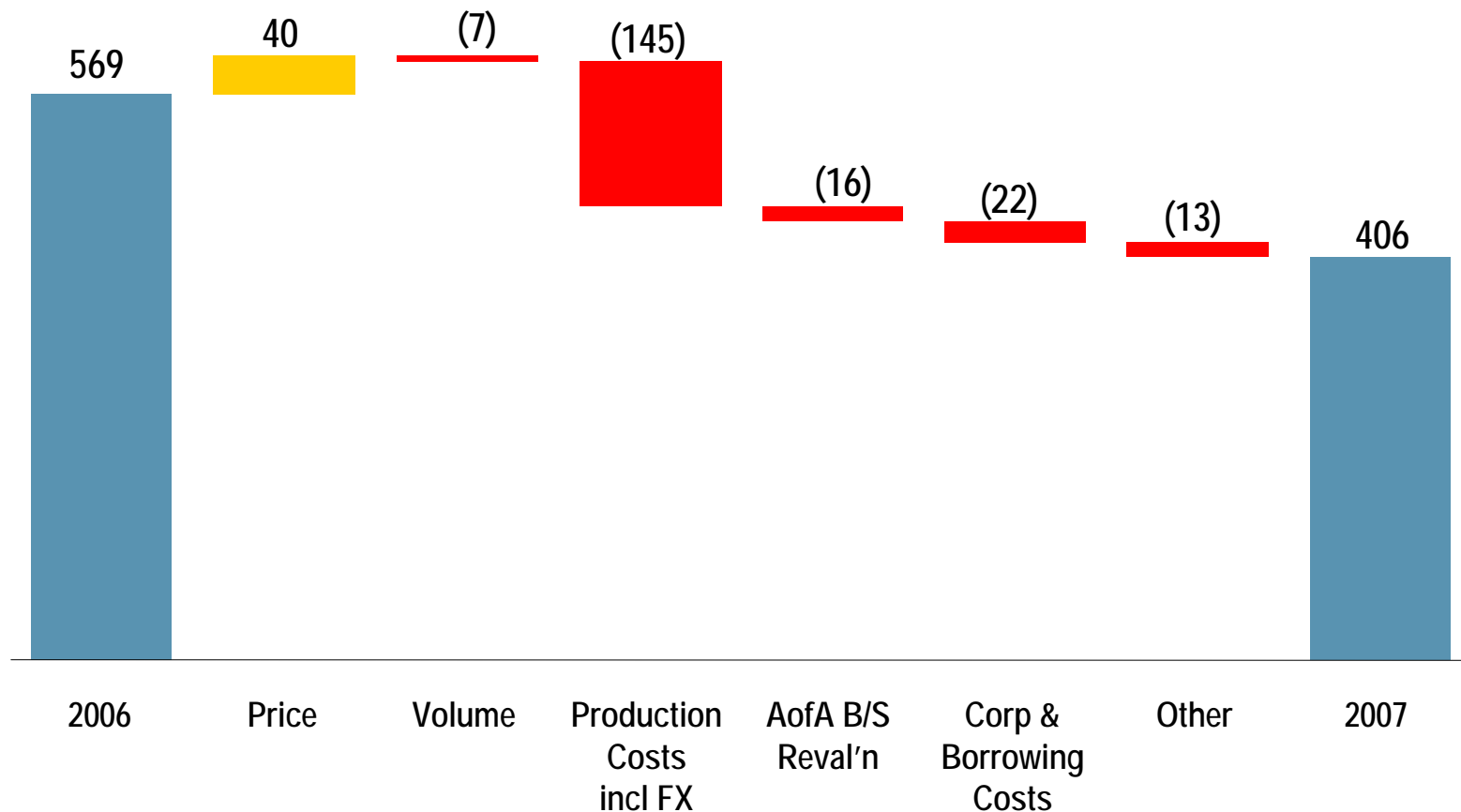
► LME price - 3.4% higher than 2006

A\$ / US\$ Exchange Rate



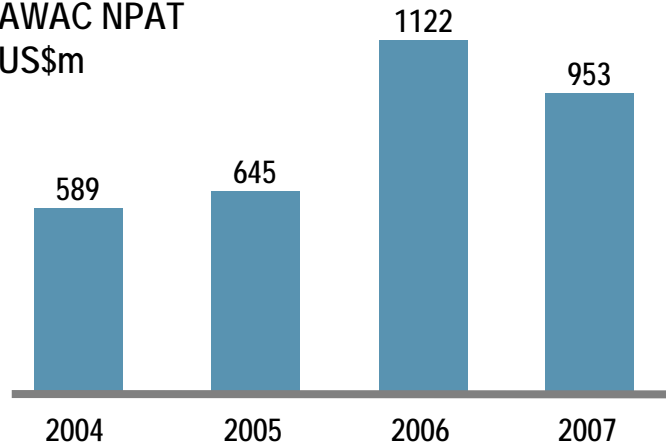
► Average A\$/US\$ exchange rate increased 9¢ to 84¢

# Alumina Underlying Earnings 2006 to 2007



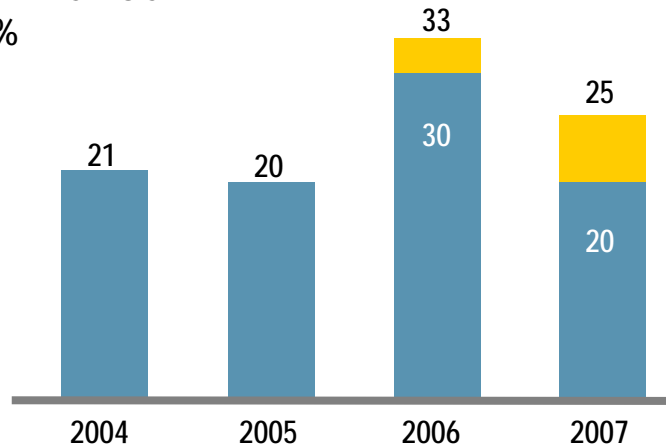
# AWAC Financials

AWAC NPAT  
US\$m



▶ NPAT US\$953m ↓15%

AWAC ROC  
%

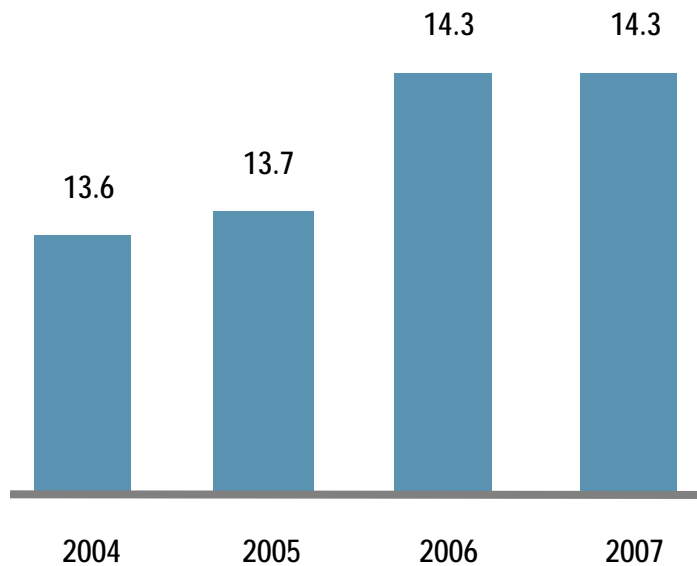


■ Excluding Growth Capex

- ▶ ROC - 25% (excluding growth capex)
- ▶ Brazil growth projects and Jamaica expansion driving higher capex
- ▶ Investing in low cash operating cost capacity - AWAC long term growth strategy

# AWAC Operations – 2007

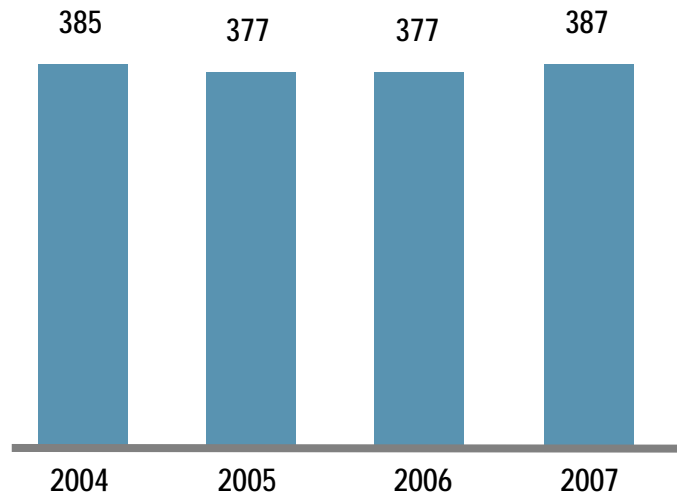
AWAC Alumina Production  
(Mt)



- ▶ Alumina production - in line with 2006
- ▶ Capacity disruptions impact production and costs
- ▶ Operating costs up US\$32/tonne - energy, freight, maintenance and foreign exchange impacts
- ▶ Jamalco - 146ktpa capacity increase (100% AWAC)
- ▶ Production records - Pinjarra, Wagerup, Suriname, Sao Luis

# AWAC Operations – 2007

AWAC Aluminium Production  
(Kt)



- ▶ Metal - record production at 387k tonnes
- ▶ Higher power and alumina prices
- ▶ Point Henry furnace replacement - project on time and capex budget



# Alumina 2008 Capital Management

- ▶ 100% dividend payout by AWAC
- ▶ Maximise distribution of franking credits
- ▶ Underwritten Dividend Reinvestment Plan
- ▶ Growth capex funding - US\$480m
- ▶ Additional debt funding



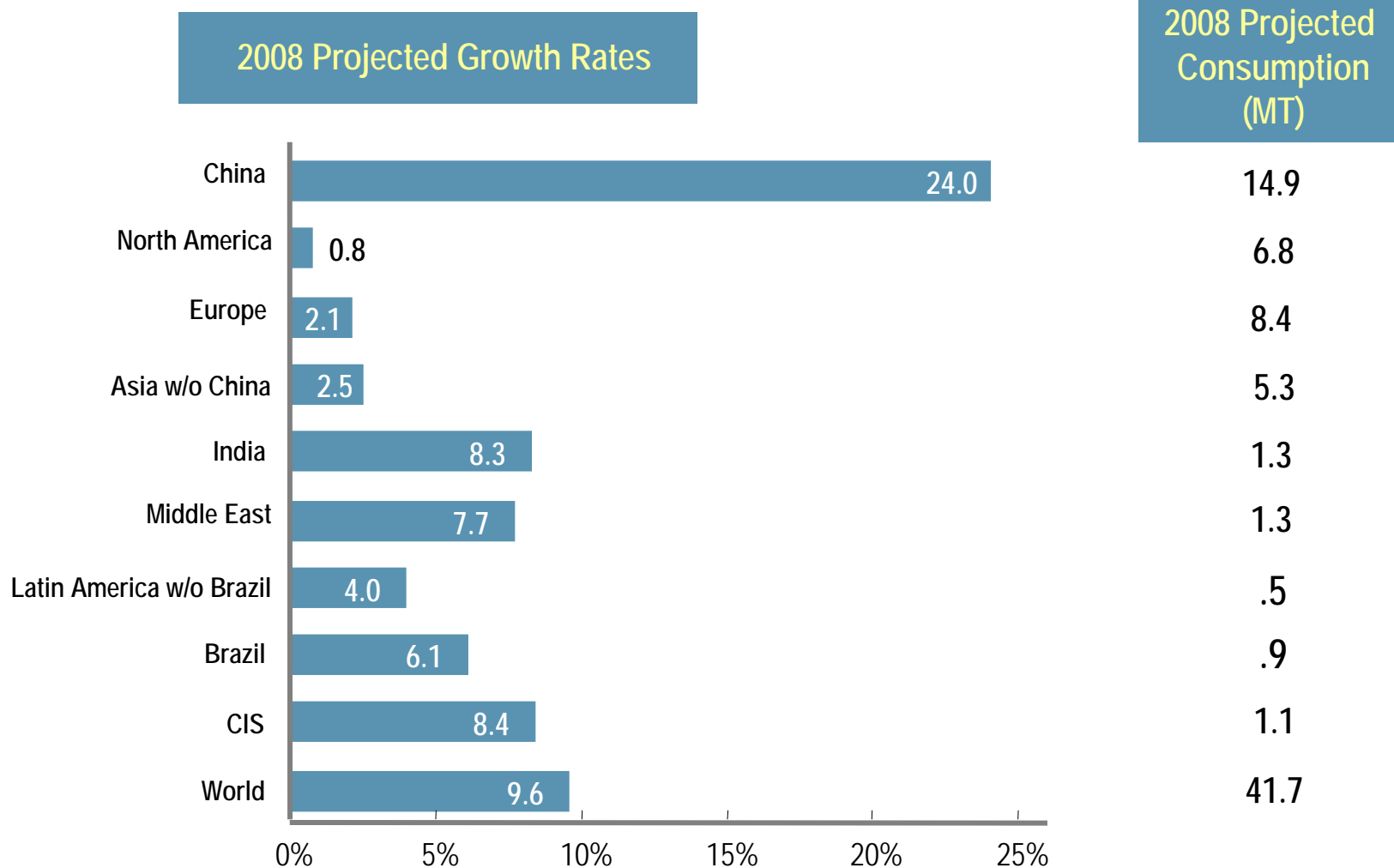
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## 2008 Outlook

# Market Update – Aluminium

- 
- ▶ Global demand forecast to grow strongly - approx 10% through 2008
    - Chinese domestic consumption growth - approx 24%
    - emerging economies' growth - 4-9%
    - western world growth - approx 2%
  - ▶ Aluminium market projected in a small surplus in 2008
  - ▶ LME prices expected to remain robust

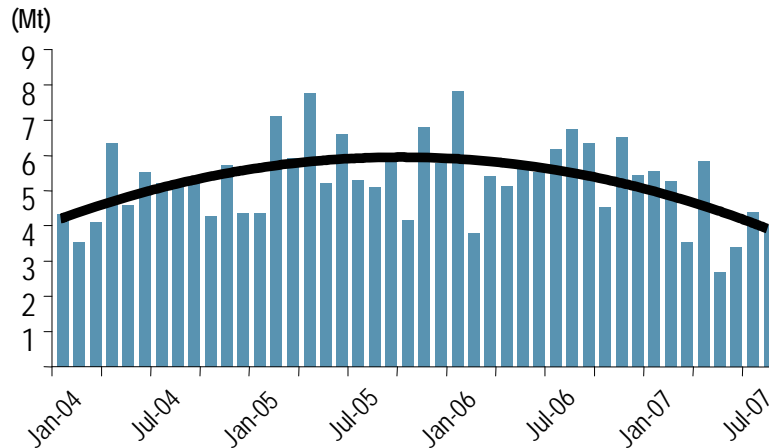
# Aluminium Consumption Growth Rates



Source: Alcoa – Jan 2008

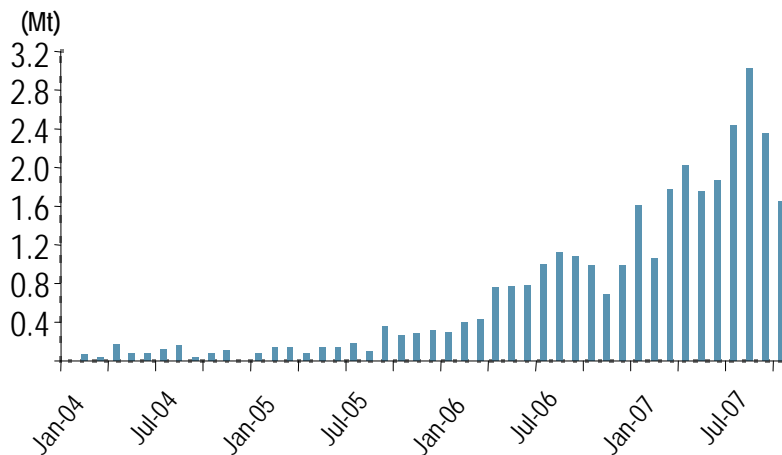
# Market Update – Alumina

Chinese Alumina Monthly Imports



Source: Antaike

Chinese Bauxite Monthly Imports



Source: Antaike

- ▶ Alumina markets forecast to be in modest oversupply, up to 1m tonnes in 2008
- ▶ Timing of new Chinese alumina refining capacity - key supply uncertainty
- ▶ 2008 industry cost environment - higher energy, raw material inputs, and currency impacts




# AWAC – 2008 Outlook

- 
- ▶ AWAC long term alumina contracts
    - indexed to both LME cash and 3 month primary metal price
    - prices, lag published indices by 30-60 days, on average
  - ▶ Production and shipments forecast - 14.8m tonnes
  - ▶ AWAC third party contracts - improving pricing terms
  - ▶ Operating costs - energy prices, freight rates and caustic pricing, exchange rates, forecast to add approx US\$24/tonne
  - ▶ 2008 capex forecast - US\$1.6 billion
    - growth project spending - approx US\$1.2 billion
  - ▶ Metal production and shipments - similar to 2007


# Brazil Growth Projects

- ▶ Alumar expansion (AWAC - 1.1mtpa)
  - construction approx 2/3 complete
  - project schedule - initial production in 1Q 2009
- ▶ Juruti bauxite - initial capacity 2.6mtpa
  - port and mine processing facilities well advanced
  - first bauxite production year end 2008
  - includes infrastructure for higher capacity
- ▶ Capex revised for Brazil currency appreciation
  - total capex - approx US\$2.5 billion

# AWAC Growth Projects

- 
- ▶ Wagerup - 2+mtpa
    - preliminary engineering for expansion continuing
    - pre-feasibility phase extended into 2008
    - highly attractive AWAC expansion opportunity
  - ▶ Guinea greenfield refinery feasibility
    - site selected
  - ▶ Vietnam greenfield bauxite/refining
    - pre-feasibility evaluation

# Alumina – 2008 Earnings Guidance

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- ▶ In addition to guidance on AWAC production and costs, Alumina Limited's 2008 underlying earnings to reflect:
    - US one cent movement in the average 3-month LME aluminium price is expected to impact underlying earnings by approximately A\$11 million
    - each one cent movement in the average Australian dollar/US dollar exchange rate is expected to impact underlying earnings by approximately A\$12 million
    - Alumina Limited borrowing costs increase approx A\$25-30m

Based on 2007 Alumina Limited underlying earnings of A\$406 million, 2007 average LME US\$1.21/lb and A\$/US\$ of 0.84

# Aluminium Industry Fundamentals are Strong

- 
- ▶ Consumption projected to double by 2020 - driven by China
  - ▶ Supply growth required - 3x growth rate in past 20 years
  - ▶ A new cost environment
    - Higher raw material costs
    - Increasing energy prices
    - Currency appreciation
    - Construction cost escalation
    - Supply chain constraints
  - ▶ High cost marginal production capacity
  - ▶ Support a high price environment



# Summary

- ▶ Aluminium and alumina growth fundamentals are strong
- ▶ AWAC alumina sales and production increase
- ▶ Continued industry cost pressures
- ▶ Investing in AWAC alumina and bauxite capacity growth

