

Key Challenges for the Resources Industry

C W Goodyear Chief Executive Officer
Brisbane Bourse Talk Luncheon
Brisbane, 28 November 2006



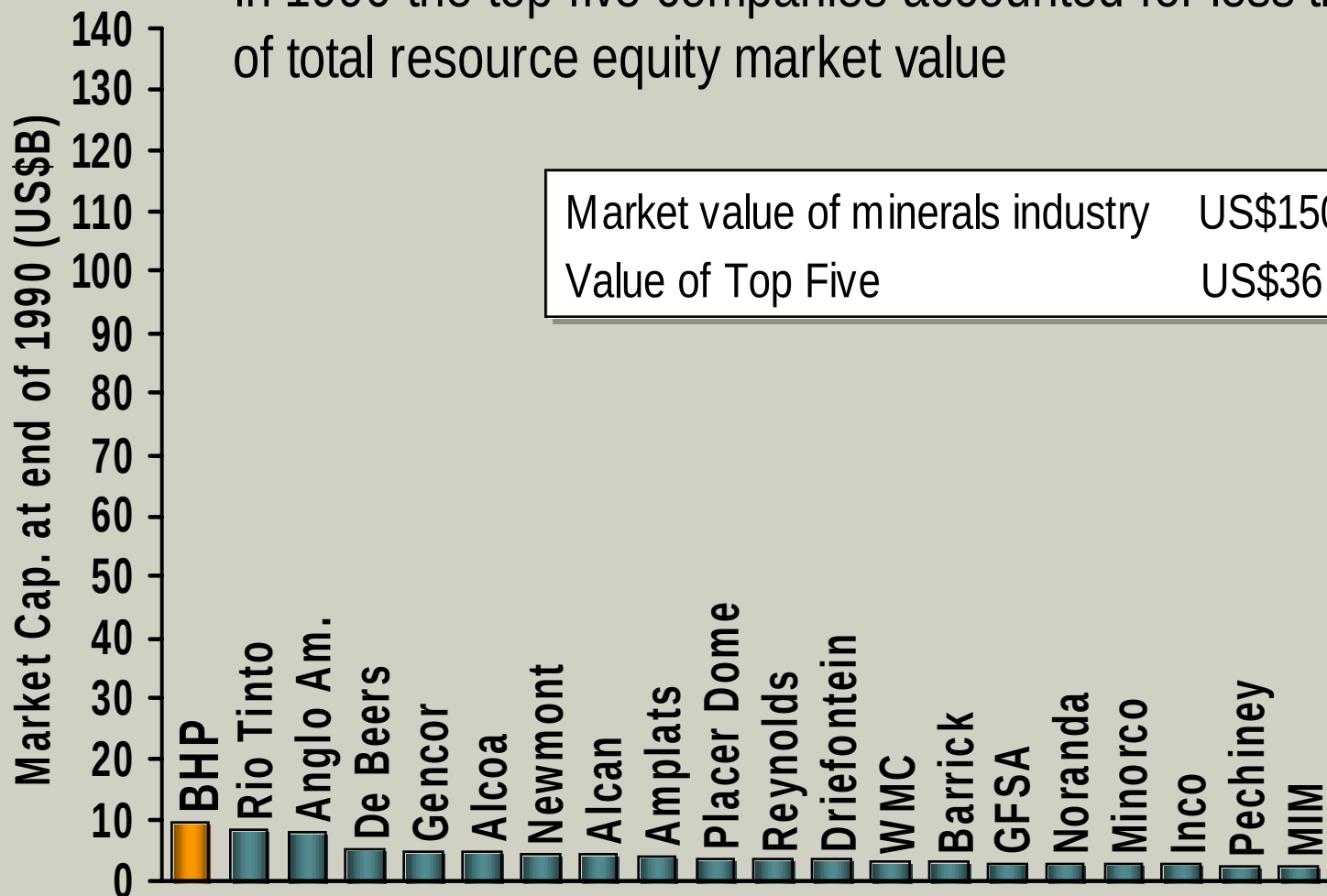
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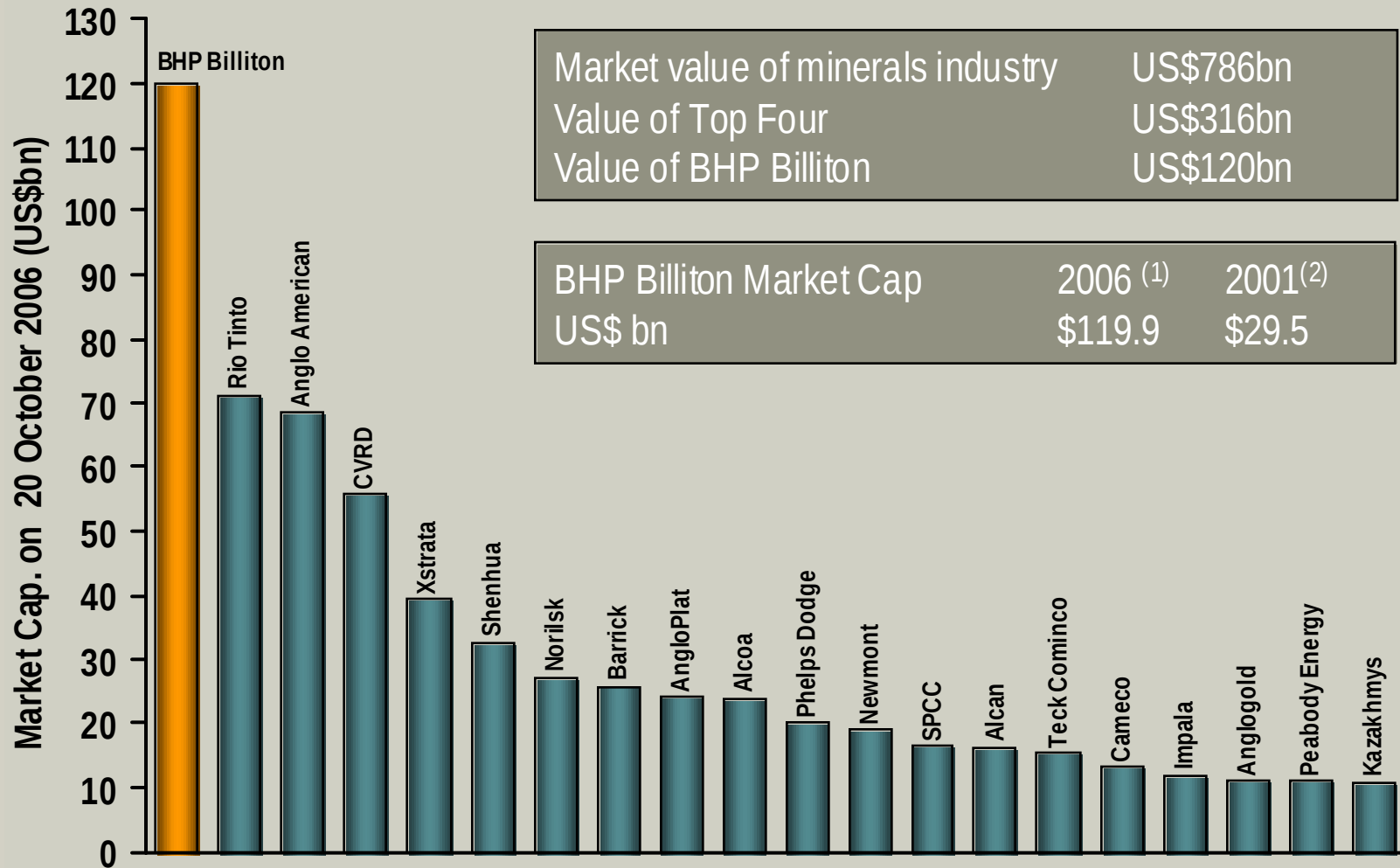
1990 – Industry structure

In 1990 the top five companies accounted for less than 25% of total resource equity market value



Market value of minerals industry	US\$150 bn
Value of Top Five	US\$36 bn

The largest company in the resources sector



Source: Datastream and Bloomberg (data as at 20 October 2006)

1. Market Capitalisation on 20 October 2006

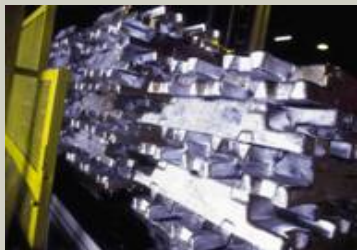
2. Market Capitalisation on 28 June 2001

Structure driven by customer needs

Petroleum



Aluminium



Base Metals



Carbon Steel Materials



Sluice

Diamonds & Spec Prod



Energy Coal

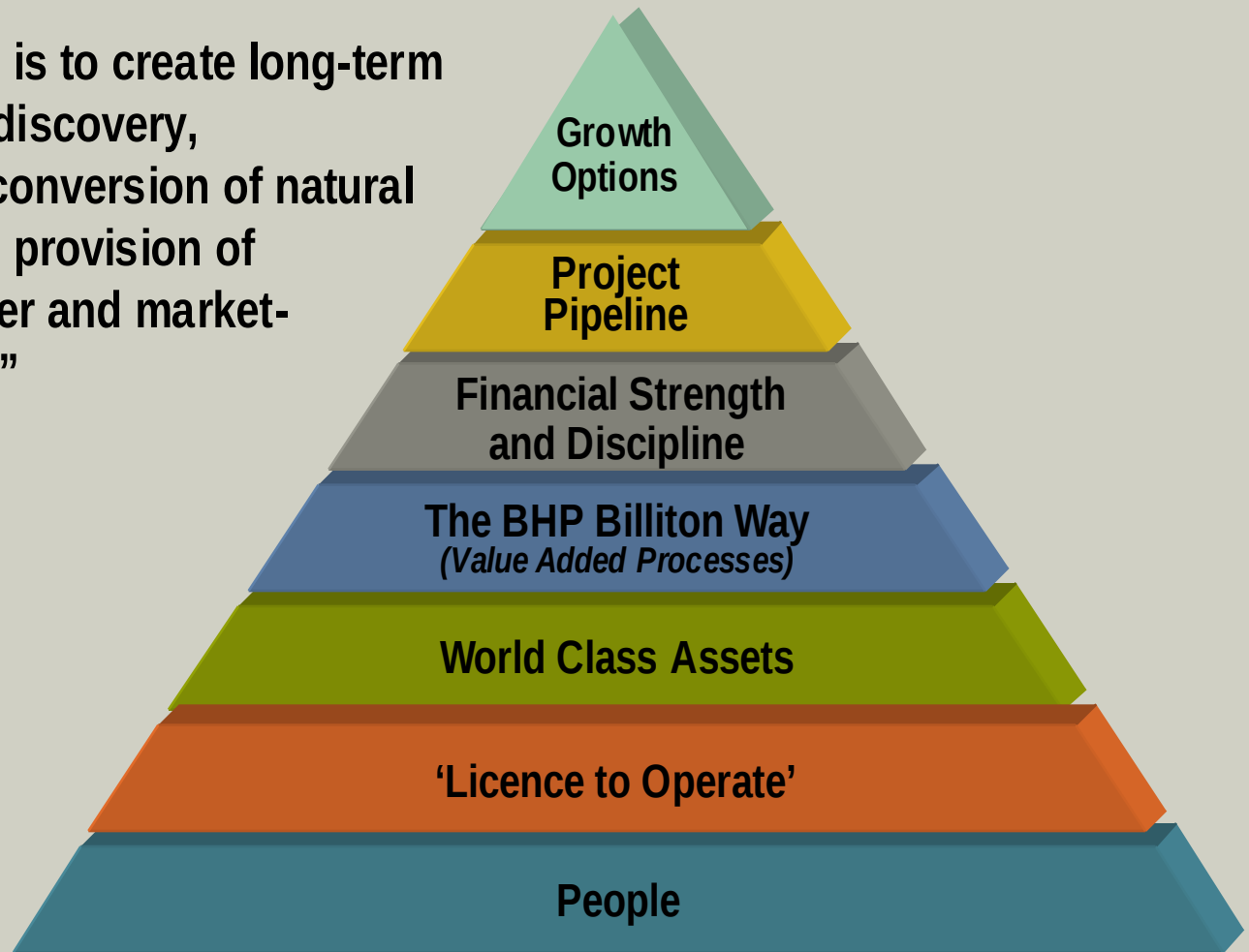


Stainless Steel Materials



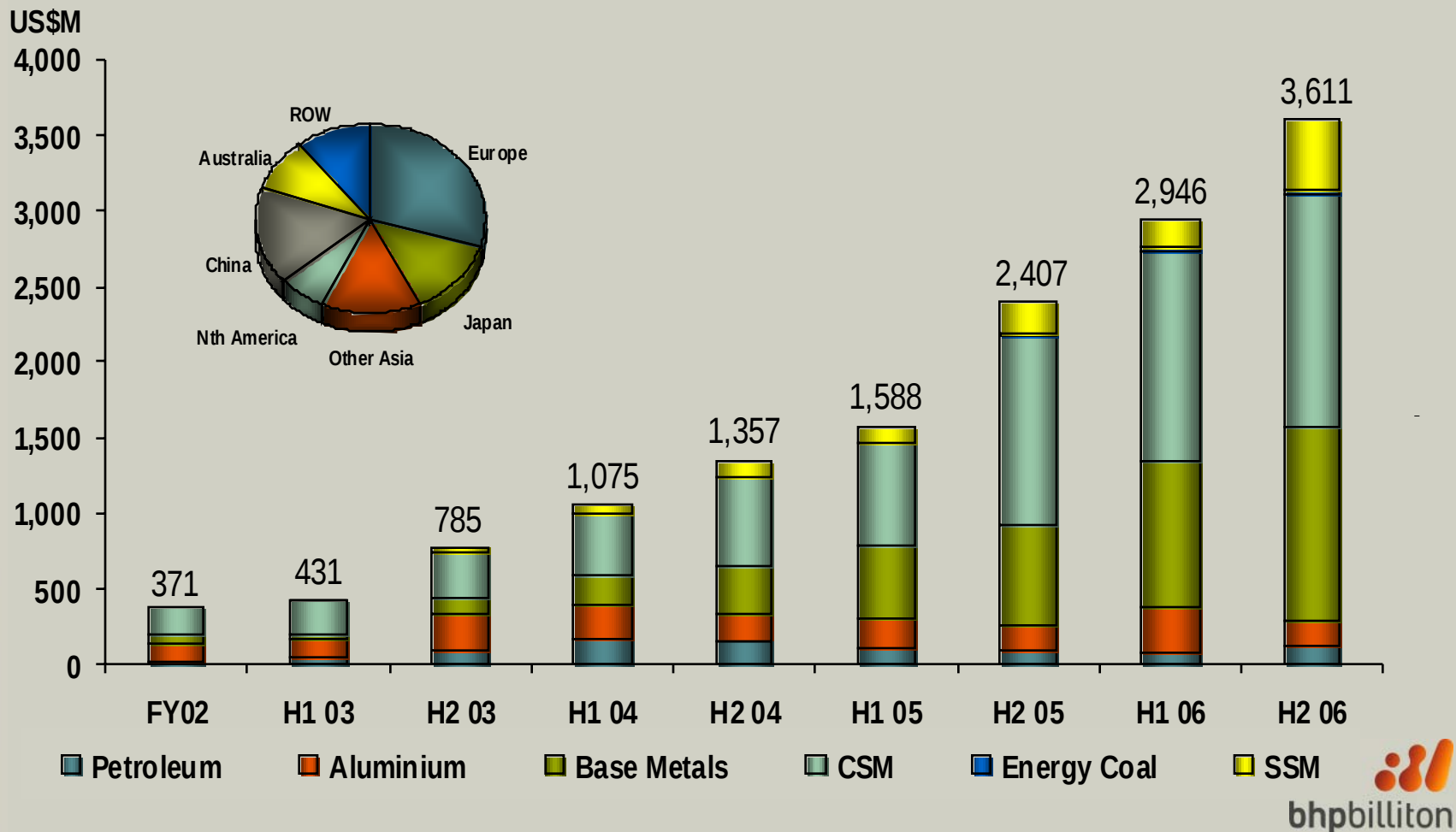
Strategic drivers

“Our core purpose is to create long-term value through the discovery, development and conversion of natural resources, and the provision of innovative customer and market-focused solutions.”



China

- Sales into China increasing but diversification remains
- Currently 16.8% of total company revenues



Leads to demand for our commodities

An example - metal content of an average family car

Average family saloon



At today's prices,
cost of these
commodities
represents < 5 %
of the average US
retail price

Copper = <20 kilos

Aluminium = ~120 kilos

Nickel = <20 kilos

Carbon Steel = ~650 kilos

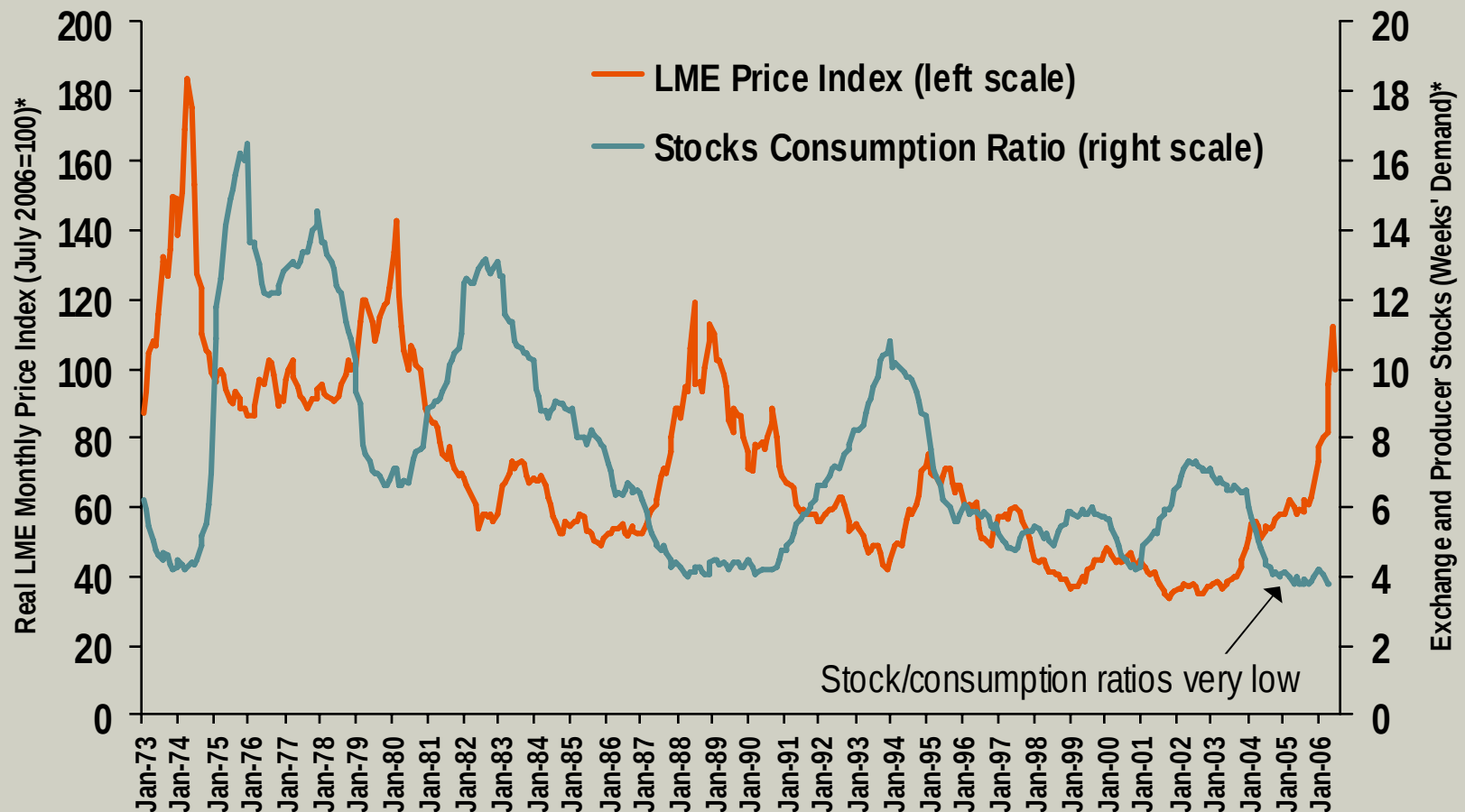
Iron Ore = ~1000 kilos

Coking Coal = ~400 kilos

Inventory levels at historic lows

Real LME metal prices at similar levels to late 1980s' boom

Monthly LME Metal Prices and Stocks



Source: Macquarie, BHP Billiton. * LME prices and stocks of Al, Cu, Zn, Pb, Ni

Industry cost and capacity pressures



tyre preservation programmes

← **ongoing** →



truck capacity increased – longer lead times

← **9 months**

18 months →



rig availability constraints

← **ongoing** →



shortage of experienced people – focus on training

← **ongoing** →

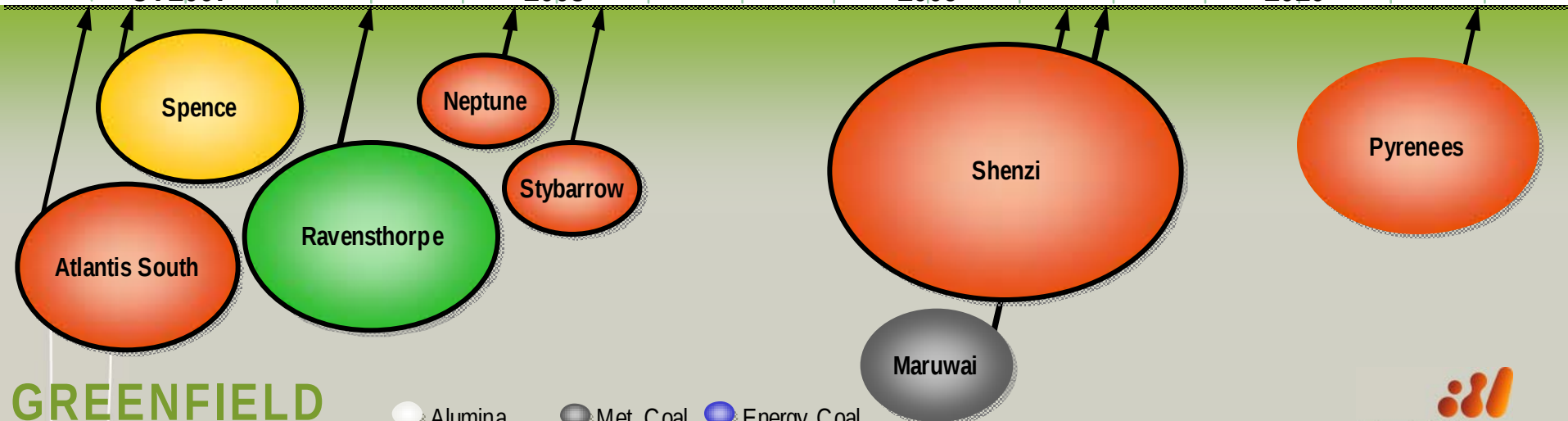
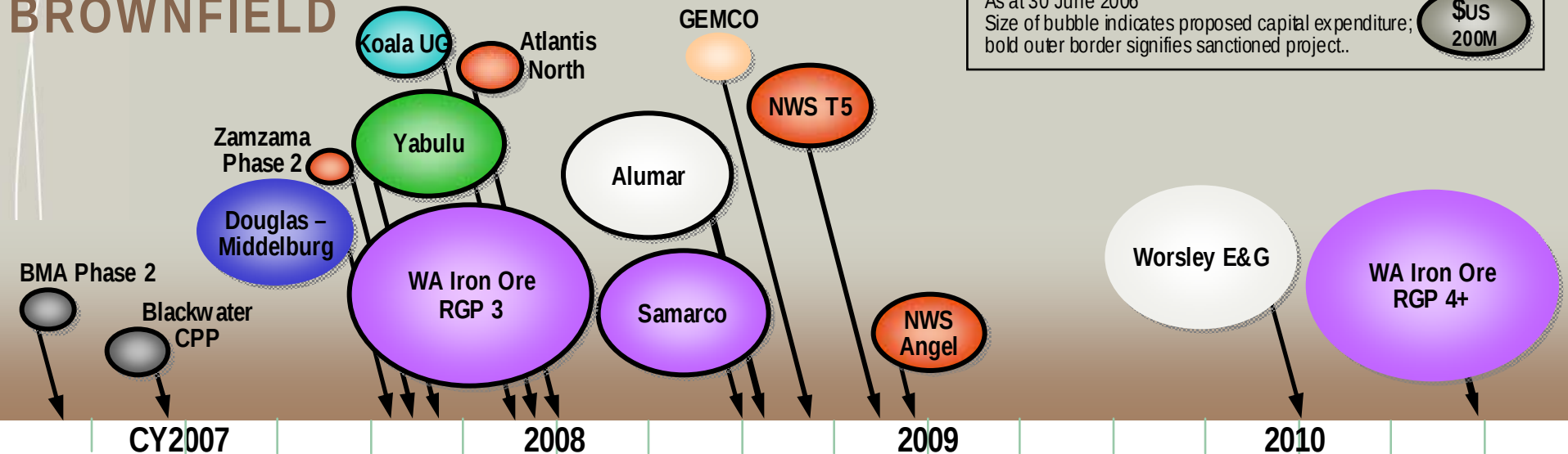
Australian Mining Industry Labour Market Outlook

- Industry needs 70,000 more people in 2015 than it has now
- Largest shortages will be in trades and semi skilled personnel
- Projected economy wide labour force growth in these categories will be slowest.
- Challenge of attracting people to skills shortage professional areas is “strategically critical”
- Additional demand will be focussed:
 - **WA** **42,000**
 - **QLD** **15,000**
 - **NSW** **5,000**
 - **SA** **5,000**
- Fastest growth projected between 2006 and 2010.
- Shortages will continue to worsen

Source: National Institute of labour Studies, “Staffing the Supercycle: Labour Force Outlook in the Minerals Sector, 2005 to 2015”, August 2006

Deep inventory of growth projects

BROWNFIELD



GREENFIELD



BHP Billiton's Queensland Assets

- Cannington Silver Lead and Zinc Mine
- QNI Yabulu Nickel Refinery
- BMA Coal operations (50%)



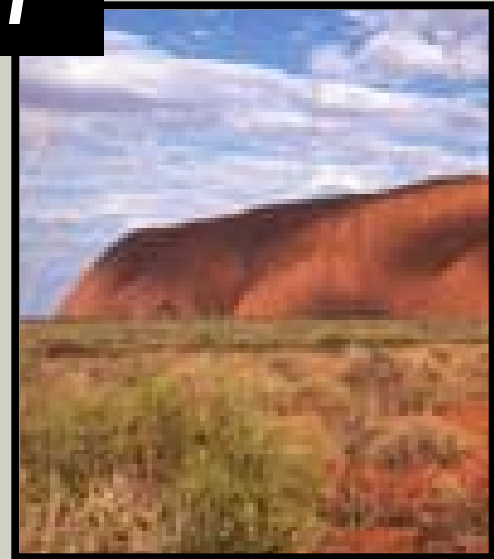
World Class Met Coal Operations

in 2005/06 BMA moved

716 million m³ of overburden



+



Cannington Mine

- World's largest single mine producer of silver and lead



Yabulu Nickel Refinery

Expansion on track for delivery in 2007



In Summary

- **Dynamics of the global resources industry are changing**
- **It's not just about China - other emerging economies are following**
- **Demographics and economic development could continue for years**
- **This will require significant new mine capacity**
- **BHP Billiton has unparalleled diversification, global reach, visibility to growth options and track record of delivery**
- **BHP Billiton is well positioned to capture its share of demand growth**

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