

3 October 2013

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To: Australian Securities Exchange London Stock Exchange

cc: New York Stock Exchange JSE Limited

### **AUSTRALIAN NATIONAL CONFERENCE ON RESOURCES AND ENERGY**

BHP Billiton President, HSEC, Marketing and Technology, Mike Henry, will present at the Australian National Conference on Resources and Energy in Canberra today.

A copy of the presentation is attached.

Further information on BHP Billiton can be found at: www.bhpbilliton.com.

**Nicole Duncan** 

Company Secretary BHP Billiton Limited



# **NEWS RELEASE**

Release Time IMMEDIATE

Date 3 October 2013

### **BUILDING ON AUSTRALIA'S COMPARATIVE ADVANTAGE**

BHP Billiton today further outlined its productivity agenda to capitalise on the next phase of the Asian growth cycle.

Speaking at the Australian National Conference on Resources and Energy, BHP Billiton President, HSEC, Marketing and Technology, Mike Henry, said the commodities that would feed future China growth would require Australia's resources industry to continue to improve its competitiveness.

"We see moderation in the rate of GDP growth in China, and a reduction in manufacturing and investment share over time, but it is really important to note that there is still an incredibly large opportunity to be captured from a commodity demand perspective.

"Commodity demand growth will remain robust as the fundamentals of wealth creation, demographics and urbanisation continue to drive demand for resources. However the shifting dynamics of economic growth will challenge Australia's traditional understanding of core 'commodities'.

"As China transitions to a more consumption based economy, and the level of 'true' urbanisation increases, we expect that commodities supporting the production of food, energy and consumer goods will see more durable demand growth over an extended part of the economic development curve."

Mr Henry said it was critical industry and policy makers worked together to capitalise on these opportunities.

"We believe the vast majority of the productivity challenge lies with industry and it is incumbent on employers to create an environment that inspires people to work smarter and rewards productivity improvements.

"For BHP Billiton this means working our assets both 'smarter' and harder. Our concentrated effort to reduce operating costs and drive productivity improvements delivered a significant US\$2.7 billion reduction in controllable cash costs in the 2013 financial year. We continue to identify process improvement opportunities across the business and we are creating strong competition for capital," he said.

Mr Henry highlighted that government also had a role in securing future investment – particularly in taxation and industrial relations policy and addressing duplication between state and federal regulatory obligations.

"To ensure Australian projects are not disadvantaged, tax policy should target reforms that deliver more competitive, sustainable taxation and help make the system more efficient and internationally competitive. Similarly we can reduce the burden of duplicated green tape processes while still maintaining the highest environmental standards," he said.

"When it comes to industrial relations, BHP Billiton is an advocate for a framework that draws employees and employers onto the same page and allows for more direct employee engagement."

Further information on BHP Billiton can be found at: <a href="www.bhpbilliton.com">www.bhpbilliton.com</a>.

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# **China: Looking forward**

Mike Henry, President HSEC, Marketing and Technology BHP Billiton
October 2013



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BHP Billiton results are reported under International Financial Reporting Standards (IFRS) including Underlying EBIT and Underlying EBITDA which are used to measure segment performance. This presentation also includes certain non-IFRS measures including Attributable profit excluding exceptional items, Underlying EBITDA interest coverage, Underlying effective tax rate, Underlying EBIT margin, Underlying EBITDA margin and Underlying return on capital. These measures are used internally by management to assess the performance of our business, make decisions on the allocation of our resources and assess operational management. Non-IFRS measures have not been subject to audit or review.

#### **UK GAAP financial information**

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## Content

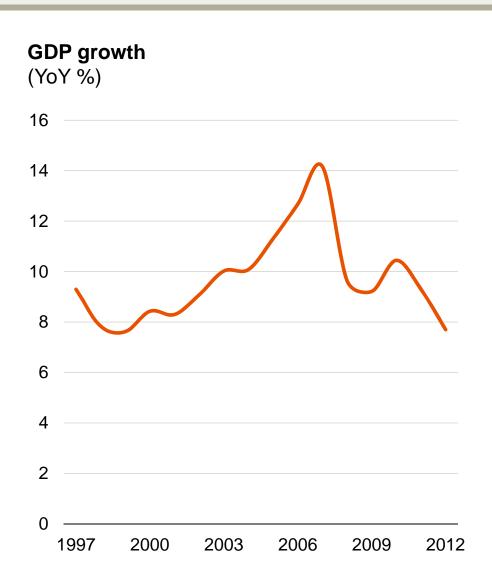


# China economic outlook

**Implications for Australia** 

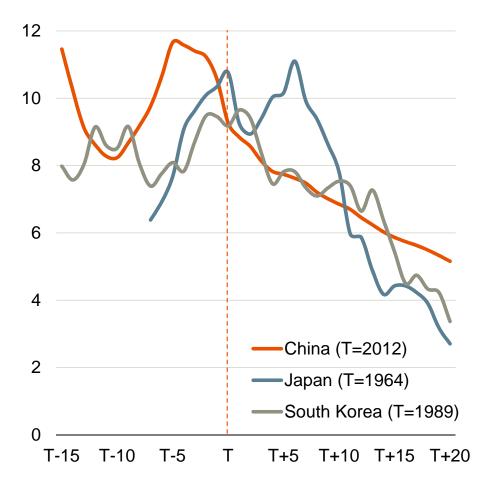
# Relative to previous decades, the pace of growth in China is expected to moderate







(YoY % - 5 year moving averages)



Source: IHS - Global Insight.

Note: T = US\$8000 / Capita @ PPP. Japan 1974 (oil crisis) and South Korea 1998 (AFC)

excluded from dataset.

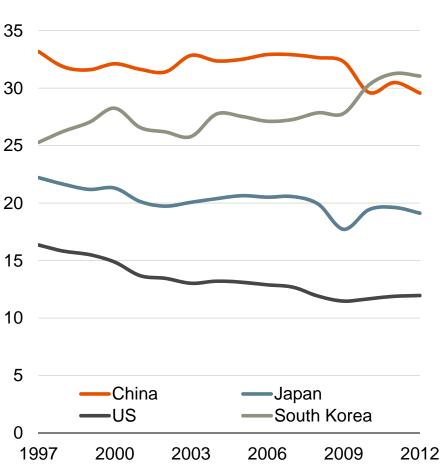
Source: NBS.

# Manufacturing will become less significant over time



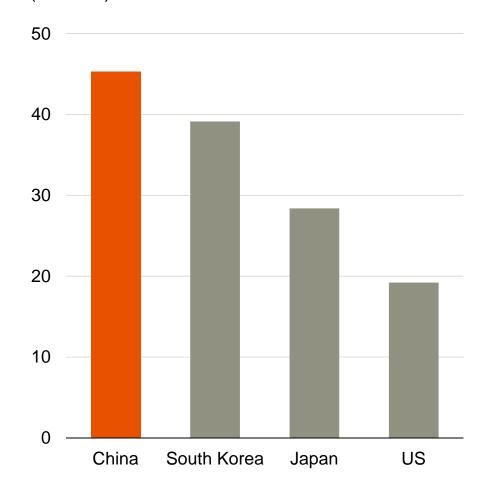






## **Share of industry 2012**

(% GDP)



Source: IHS - Global Insight. Note: % GDP is nominal.

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# Investment is trending down however it continues to be a key cyclical support



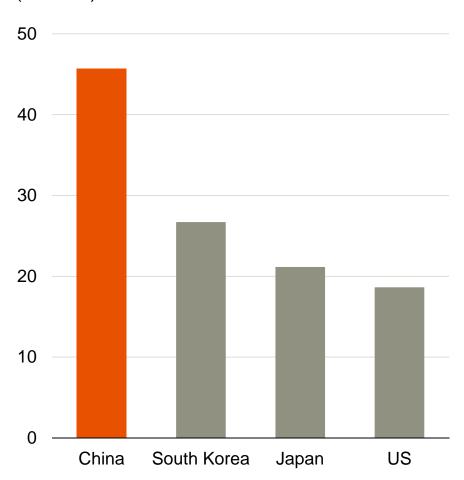


(% YoY YTD)



## **Share of investment 2012**

(% GDP)

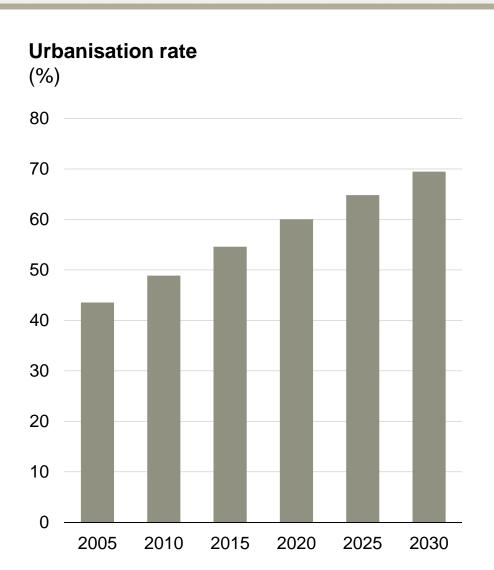


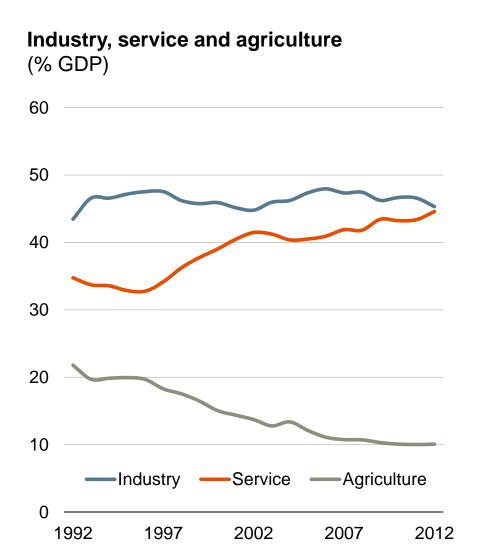
Source: IHS - Global Insight. Note: % GDP is nominal.

Source: NBS.

# Increasing urbanisation will change the source of future economic growth







Source: McKinsey Insights China macro model April 2013 version.

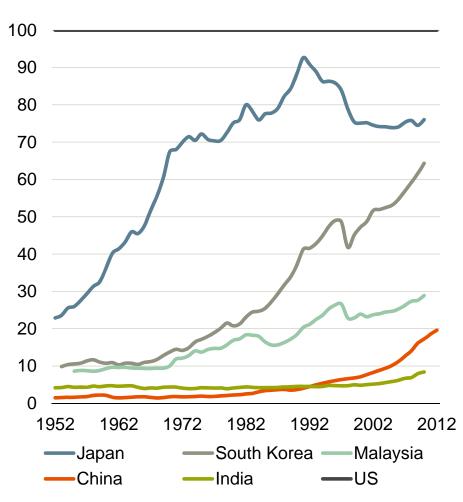
Source: NBS.
Note: % GDP is nominal.

# Consumption underpins long term potential



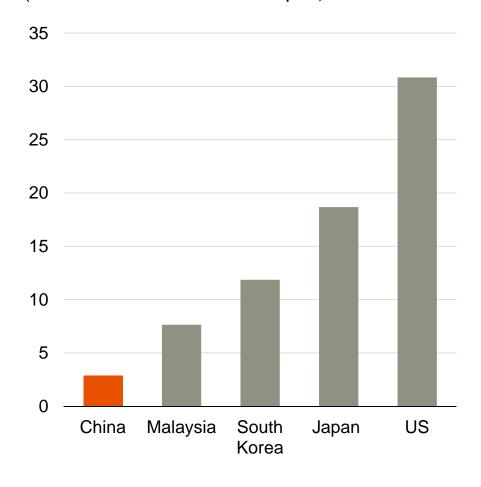
## GDP per capita (2005 PPP \$US)

(US=100)



## **Private consumption 2012**

(US\$ thousand 2005 PPP/capita)



Source: Penn World Table, BHP Billiton analysis.

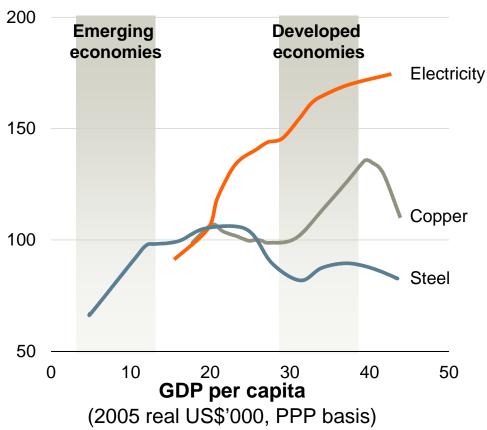
Source: IHS - Global Insight.

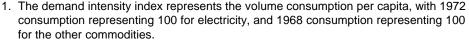
# China will continue to increase its share of global energy and metals demand



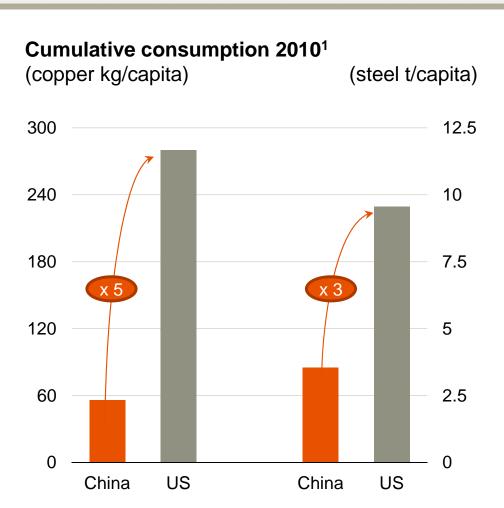
# Intensity trends evolve with economic development

(US intensity index1)





Source: World Bank; Wood Mackenzie; CRU; IISI; IHS - Global Insight; CISA; World Steel Association; JBS; IEA; BHP Billiton analysis.



Cumulative steel and copper consumption is calculated using historical demand adjusted for replacement cycle and indirect trade.
 Source: Fraunhofer ISI.

## Content

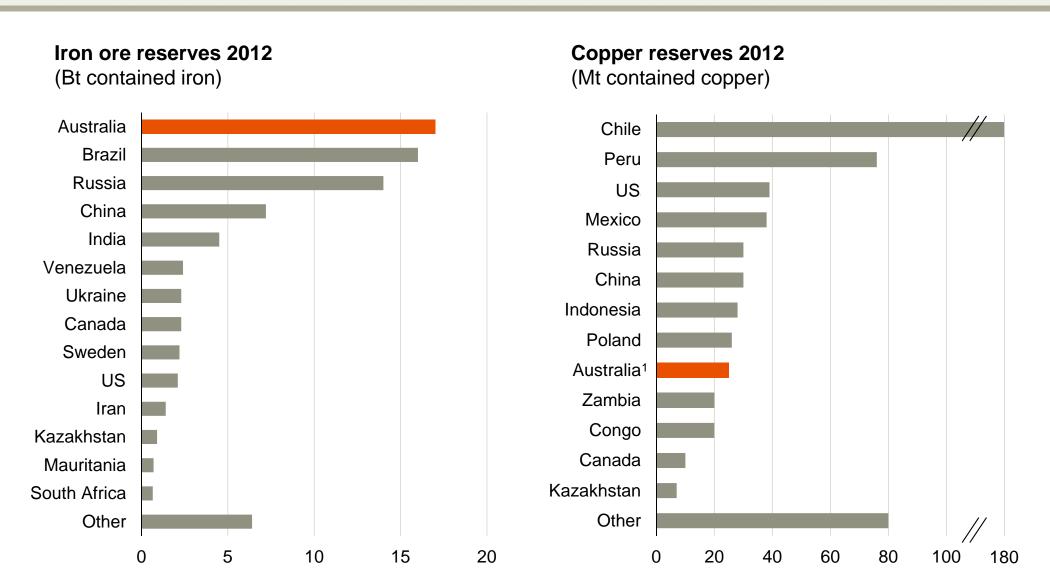


# China economic outlook

# **Implications for Australia**

# Endowment and geography have provided relative advantage in some commodities





Source: USGS Mineral Commodity Summaries, January 2013.

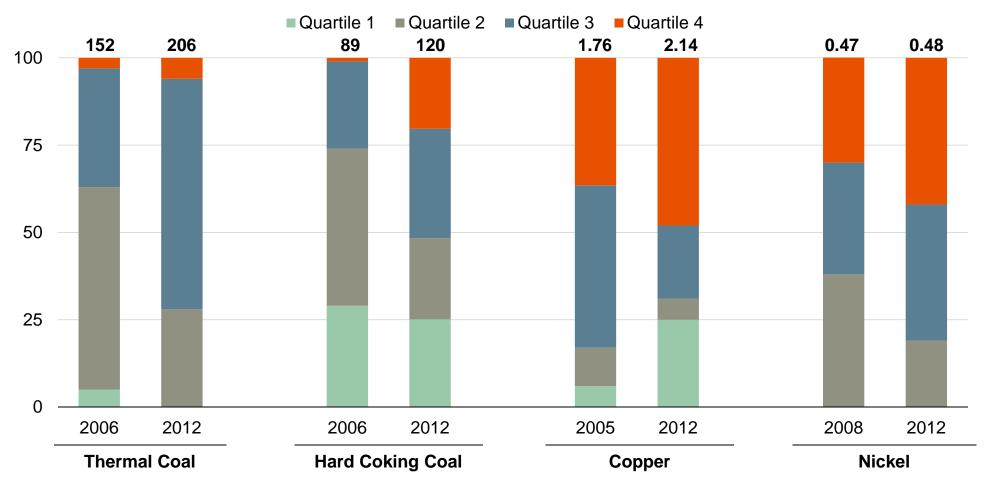
Australia represents JORC reserves.
 Source: USGS Mineral Commodity Summaries, January 2013.

# Current operations impacted by structural cost escalation and policy changes



## **Cash Operating Costs – Australian Mining Operations**

(% of production by cost curve quartile\*, Mt production)



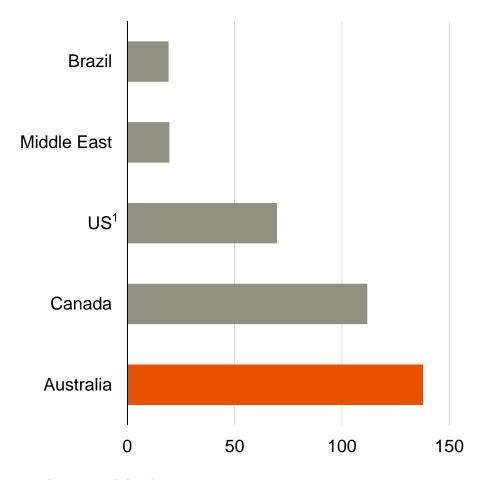
Q1, Q2, Q3, and Q4 represent the percentage of total Australian production within the first, second, third and fourth quartile of the global cost curve. Copper and nickel costs based on C1 ranking. Coal delivered to China, metal costs net of by-product revenue.

Source: Minerals Council of Australia, 'Opportunity at Risk' 2012.

# Future mining investment requires improved project costs and productivity





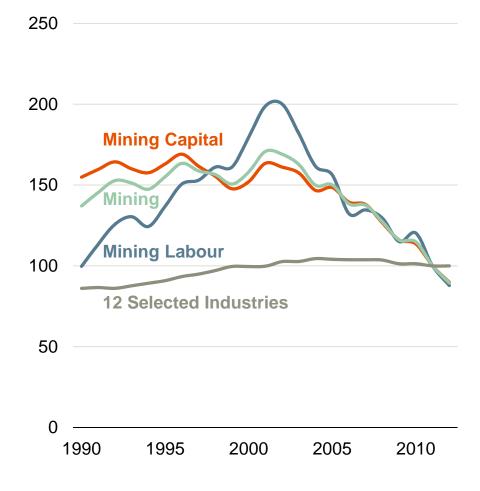


## 1. US refers to US Gulf Coast.

Source: Independent Projects Analysis Inc., Engineering Procurement and Construction Market Forecast, August 2013.

## **Australian Productivity**

(Indexed to 2011)



Source: Australian Bureau of Statistics, Estimates of Industry Multifactor Productivity, 2012.

# Summary



- Chinese economic growth is expected to be 7-8% in the short to medium term
- Urbanisation and consumption will support economic growth as manufacturing declines
- Commodity consumption patterns will evolve, providing robust energy and metals demand
- Restoring Australia's global competitiveness will underpin future capital investment

