

Delivering in an Evolving Market



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Market Overview: Structural Changes

Adjusting to a Changing Environment

Platforms success: transparent, liquid and efficient market

China steel demand facing short-term headwinds



- Domestic steel demand is facing temporary headwinds
 - property market downturn
 - manufacturing activity slowdown
 - weak machinery demand in line with low investment in manufacturing
 - softening of consumption of home appliances and automobile
 - traders de-stocking



1. Apparent steel demand = crude steel production + imports – exports. Source: BHP Billiton; NBS; Mysteel.

China steel production has recently increased its focus on exports



- China has been a steel net exporter since 2005
- Steel exports increased in CY14, as Chinese mills tries to mitigate the temporary domestic demand weakness
- Steel exports remained high in Q1CY15
- Steel exports are expected to remain high in the long term due to China cost competitiveness and more overseas investment

Production declines on weak domestic demand (million tonnes of crude steel)



Despite short-term volatility, China steel stock per capita has large upside potential



- Despite an expected moderation in the rate of demand growth, upside still exists for the Chinese steel industry
- Short-term demand could be subject to investment cyclicality affecting incremental stock addition
- Over the long-term, China will need more steel for sustainable economic growth
- We expect China's crude steel production to peak at 1 to 1.1 billion tonnes in the mid-2020s and plateau through to 2030





Source: BHP Billiton; IHS Global Insight; worldsteel.

1. Accumulation of steel stock is calculated from apparent steel consumption, net of trade in steel containing goods and net of steel out of use (scrapped).

Our increase in volume, for value, has resulted in no growth in our market position



- BHP Billiton has maintained its share of iron ore exports through a disciplined program of investment
- We approved our last major investment at WAIO in 2011
- · Since then we have focused on productivity
 - capacity utilisation, driving more volume through existing infrastructure
 - reducing external expenditure through lower demand, better rates and insourcing services
 - driving efficiencies and optimising functional support to enable people productivity
- Our productivity focus has resulted in volume growth above the original capital investment

Source: Wood Mackenzie 2015.

1. All iron ore products including lump, fines, pellet feed and pellets, 100%.

(%) 100 Rest of World 80 FMG 60 Vale 40 **Rio Tinto** 20 WAIO 0 2000 2002 2010 2004 2006 2008 2012 2014

Share of iron ore exports¹

	2008-2014 CAGR	Share of exports ²
Rest of World	10%	31%
Vale	3%	21%
Rio Tinto Pilbara	8%	20%
BHP Billiton WAIO	11%	17%
Fortescue	46%	11%
Total	10%	100%

^{2.} Share of exports in 2014. BHP Billiton data excludes Samarco.

Displacement of China's high cost domestic production by seaborne supply



- Chinese high cost mines displaced as low cost seaborne supply entered the market
 - primarily due to economic factors
 - more displacement expected to take place in 2015
 - displacement rate expected to slow as SOEs account for a higher portion of total production



1. Private mine only, excludes SOE production. Source: SMM Survey; Platts.

High-cost seaborne production also displaced



Seaborne iron ore imports to China

Source: GTIS; China Customs. 1. Data basis CY2015 guidance bhpbilliton resourcing the future

The iron ore cost curve expected to flatten further over time



- Global contestable iron ore demand growth
 is expected to moderate
- Seaborne supply growth is expected to continue exceeding demand growth over the medium term
- We expect to retain a favourable position on the cost curve
 - underpinned by quality of our resource base and further productivity gains

Growth in low-cost supply expected to outpace demand...



...leading to a flatter cost curve (CIF China equivalent basis, US\$/t, nominal)



Source: BHP Billiton internal estimates; Cost curve from Macquarie Research, April 2015.

1. Demand refers to contestable demand. Future supply growth refers to BHP Billiton estimates of incremental supply from the majors only.



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Productivity gains will drive future production volume increase



- WAIO production guidance for FY15 is 250Mt vs 225Mt in FY14 through further productivity gains
 - growth in supply chain capacity to 270Mtpa is expected to be achieved without the need for additional fixed plant investment
- Our focus remains on producing at the lowest possible cost
 - unit cash costs¹ decreased by 29% in H1 FY15
 - our unit costs are now below US\$20/t as we continue to improve productivity²

WAIO production

(million tonnes, wmt, 100% basis)



WAIO unit cash costs have decreased significantly (unit cash cost, US\$/t1)



1. Excludes freight and royalties. Based on an exchange rate of AUD/USD 0.91.

2. Excludes freight and royalties

Chinese mills increasingly value stable, high quality ore



- China is following the global trend towards larger blast furnaces
- This trend is driven by economic factors as well as environmental considerations
- High quality raw materials lower emissions



Source: Mysteel; BHP Billiton, External

1. Calculated based on data from:

6th International congress on the Science and Technology of Ironmaking (2012), Progress and Perspective of Iron Making in China, Sha Yongzhi et al

5th Chinese sintering flue gas DeSOx and DeNOx technology conference (2015), Research and Application on synchronized technologies of multiple pollutant removal in sintering flue gas, Xining Lu

Newman Blend Lump is the direct charge choice of the future



Lump is the only true direct charge



- Newman Blend Lump (NBL) generates very low SOx emissions1)
 - a benchmark for chemical quality and infurnace performance
 - low in chloride, alkalis and trace impurities
 - an increasingly attractive product as gas cleaning costs increase

Environmental maturity curve:



Note: 1. Lump does not go through high temperature agglomeration processes that oxidise S to SO_x gases. Sulphur content is also very low (NBLL YEJ14 = 0.02%S). Secondary fines contributes to sinter plant emissions. Source: BHP Billiton



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Platforms success: transparent, liquid and efficient market

Platform sales doubled from CY13 to CY14





Source: globalORE; CBMX.

Spot transactions and platform sales are informing price indices





Note: include spot transactions with Fe grade range from 60% to 63.5%. CBMX launched since May.08, 2012, and globalORE launched since May.30, 2012. Source: Plstts; globalORE; CBMX; TSI; MB; CISA.

Summary



- China steel demand facing short term headwinds, mainly due to weak property market
- Long-term upside remains for steel industry, evidenced by low steel stocks per capita
- China's net exports reached record highs in 2014, as mills focus on external markets to mitigate domestic weakness
- Low-cost seaborne supply, mainly from Australia has displaced higher cost production, Chinese and seaborne alike
- The iron ore cost curve will continue to flatten, the degree to which is dependent on the industry's ability to debottleneck and further reduce costs
- BHP Billiton's iron ore continues to deliver on volume commitments through productivity gains, driving greater value for shareholders
- Rising transaction volume on trading platforms highlight their success at driving market transparency, liquidity and efficiency

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