



Iron Ore: Industry Outlook

Tony Ottaviano
Vice President Planning
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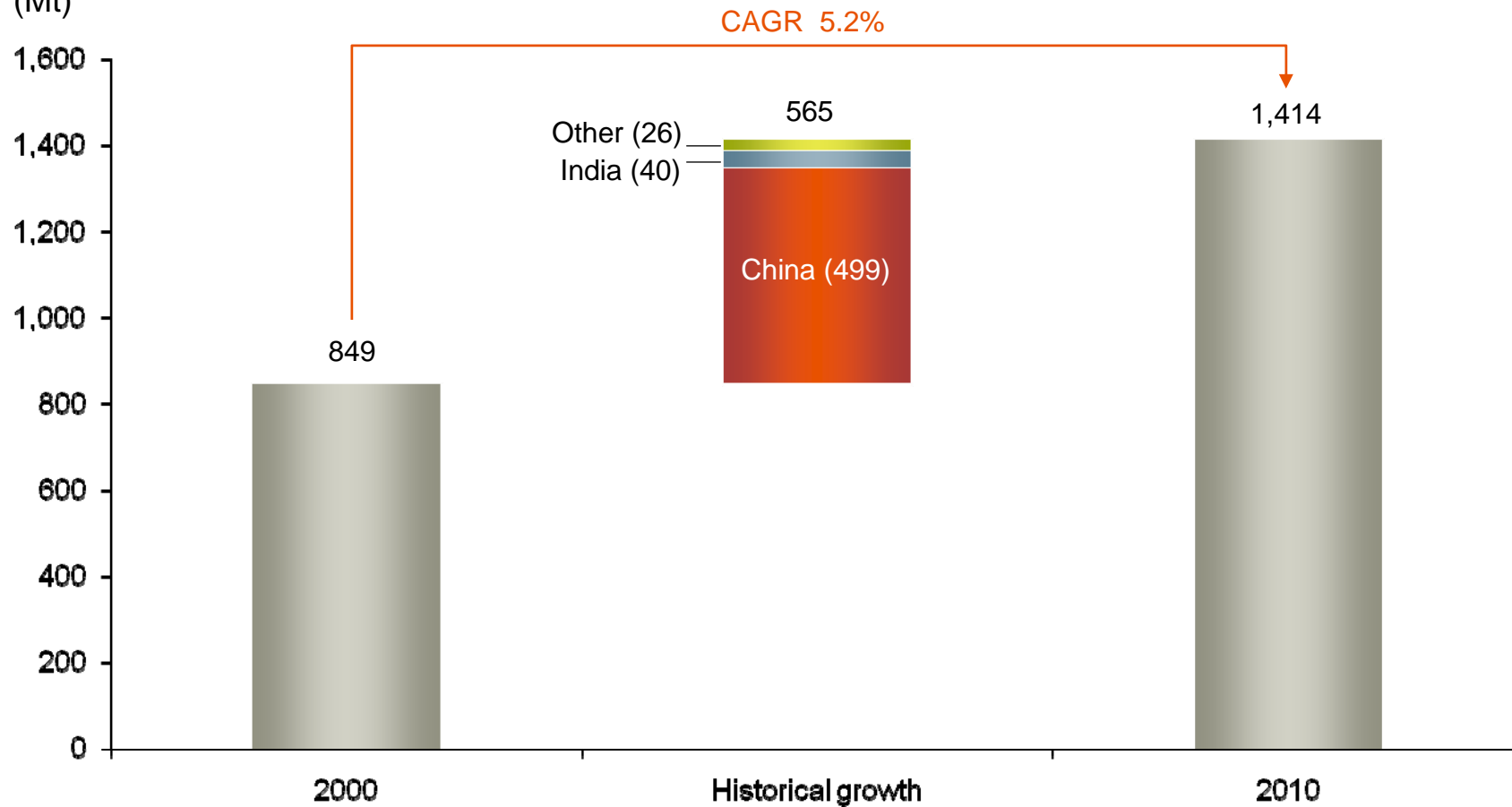
Outlook summary

- Growth in **China and India** to sustain **strong Iron Ore demand**
- A significant **ramp up of supply** is expected in next 5-10 years
- **Industry challenges** will put pressure on **supply delivery**
- **Delivered supply** will **restore market balance**
- Competition between producers will focus on **conventional factors** such as **product quality, reliability and cost position**

China accounted for 88% of growth in global steel production in the last decade

Historical global crude steel production

(Mt)



Source: BHP Billiton analysis.

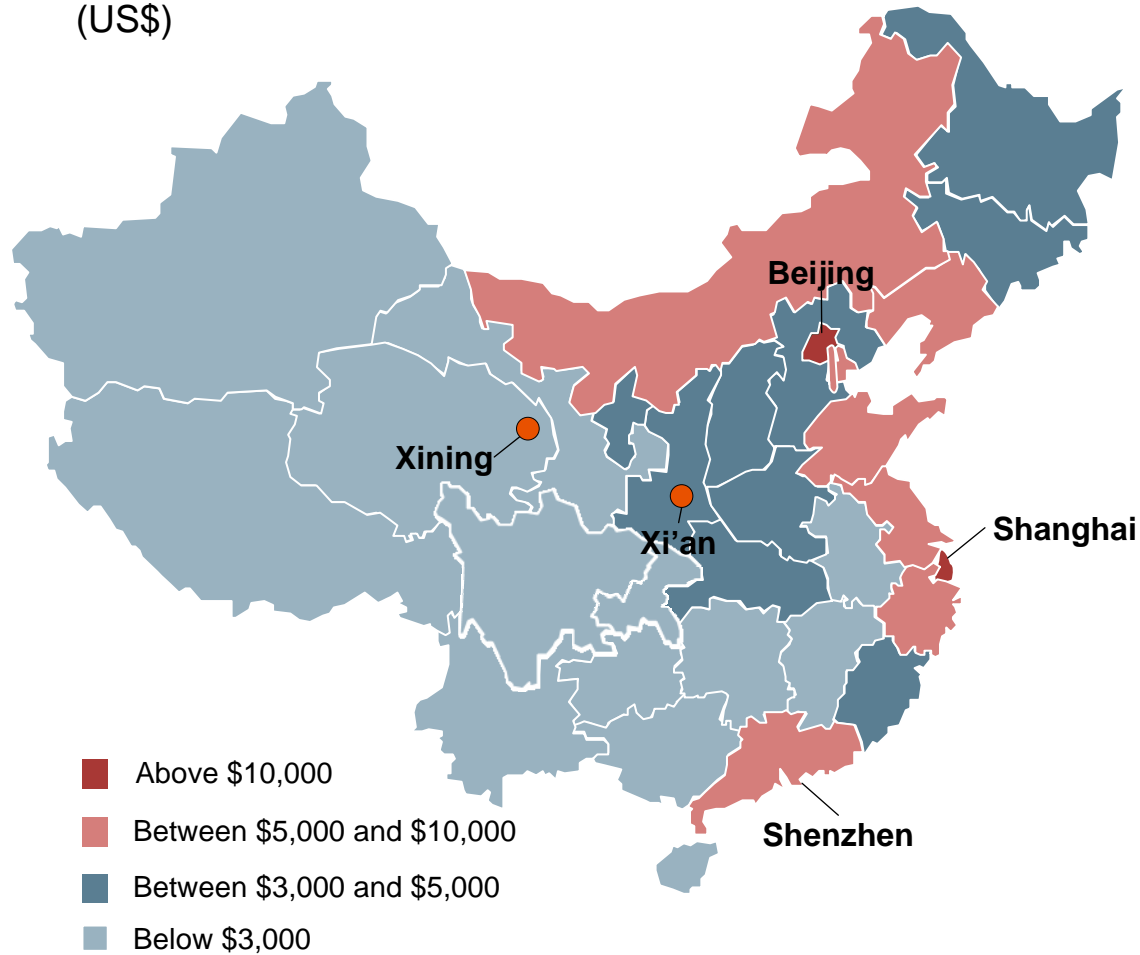
China's development underpinned by urbanisation and industrialisation



Photos Source: BHP Billiton.

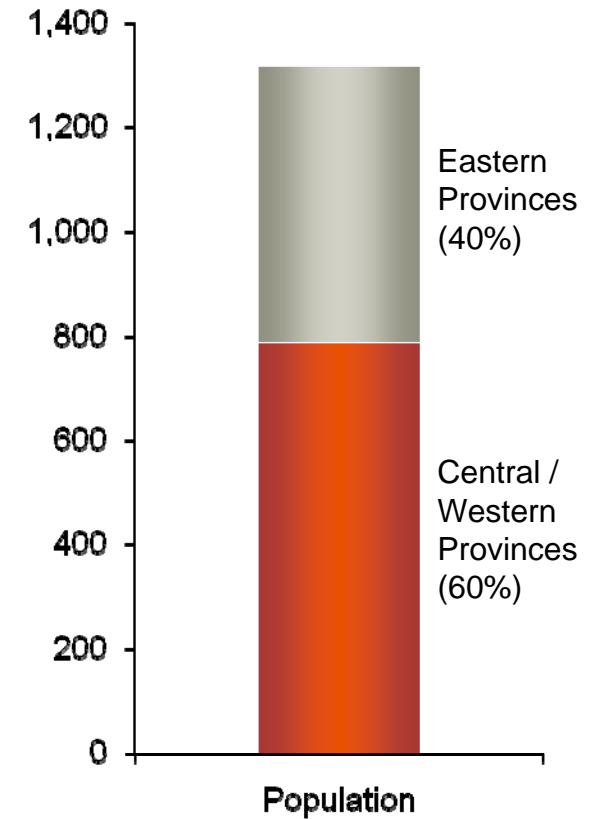
Chinese Central and Western provinces are still in the early stage of development

China GDP per capita by province (2010 nominal)
(US\$)



Source: Global Insight, BHP Billiton analysis.

China population by region 2010
(Million)



China's economic transformation and expanding urban footprint spreading West

Xining in Qinghai Province



Xi'an in Shaanxi Province



**Avg. Central and Western Province
GDP per capita ~US\$3,000**

Shanghai



Beijing

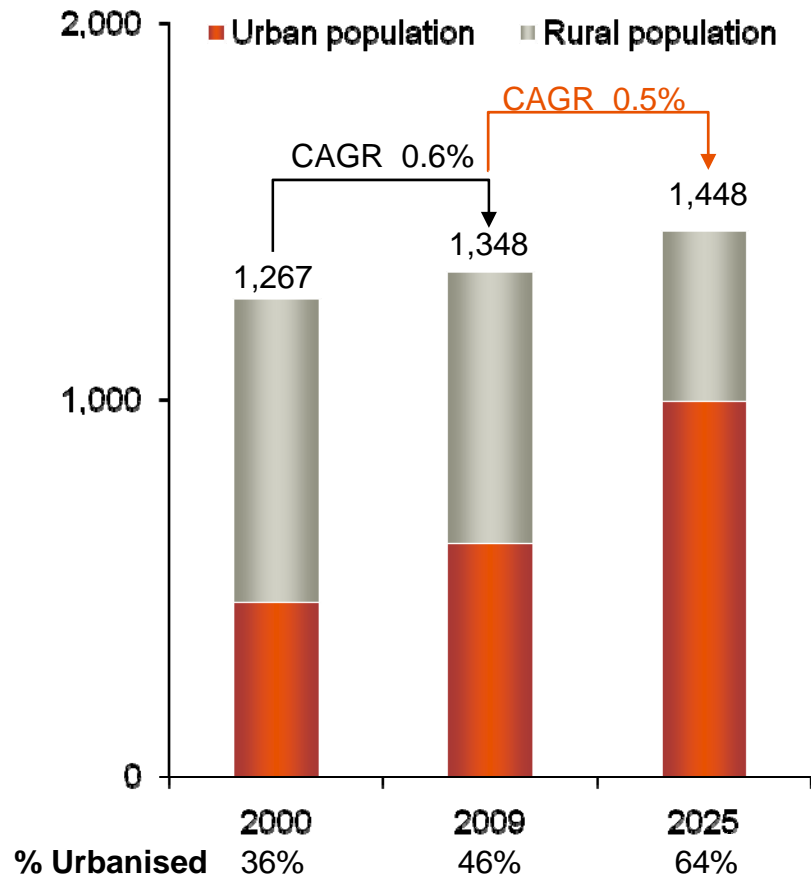


**Avg. Eastern Province
GDP per capita ~US\$6,500**

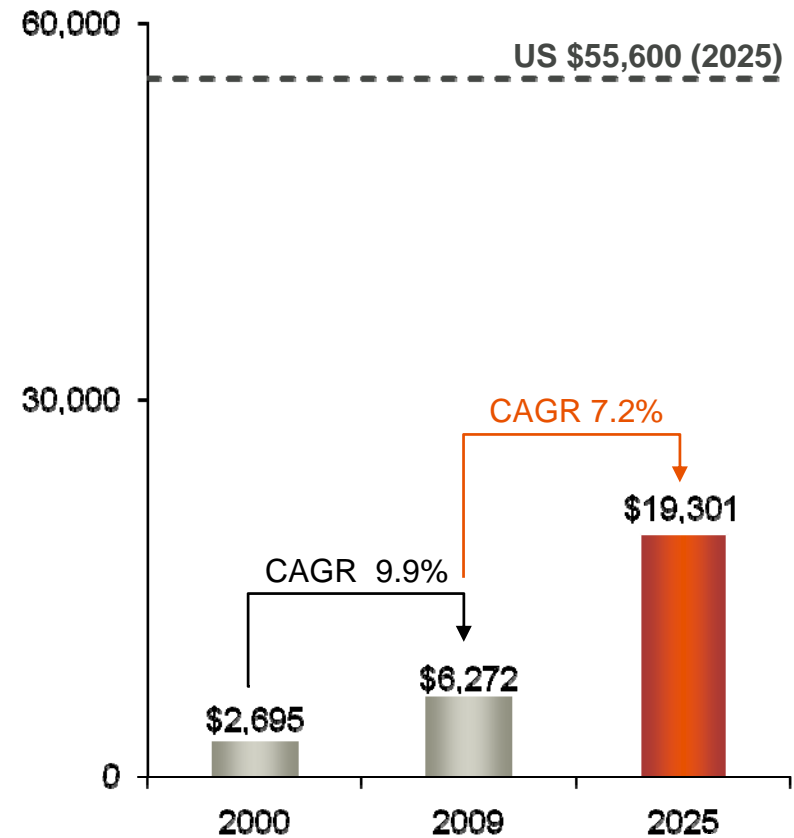
Note: GDP per capita (US\$ 2010 nominal) .
Source: Global Insight, BHP Billiton analysis. Photos Source: BHP Billiton.

China's urbanisation and industrialisation trend expected to continue in longer term

China population breakdown in 2000-25
(Million)



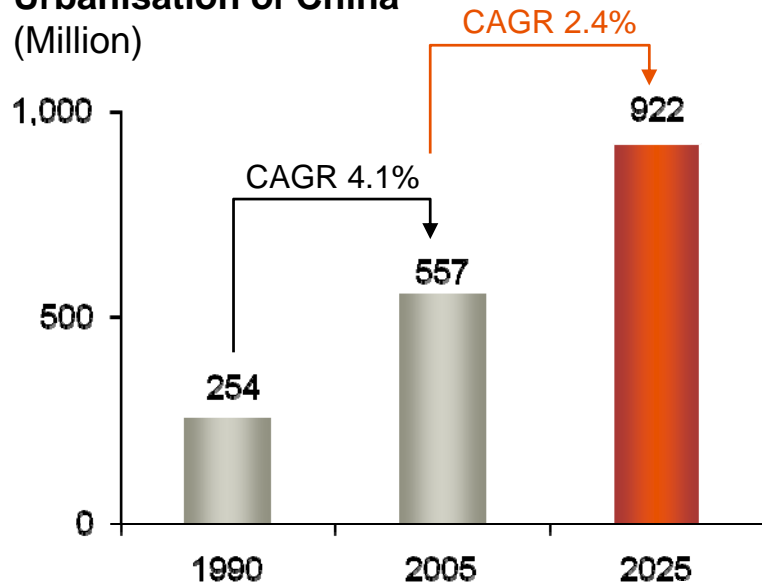
China's GDP per capita 2000-2025
(USD/ Capita, Real 2005 PPP)



Source: McKinsey 2011, Global Insight, BHP Billiton analysis.

Development of India will also drive steel demand growth

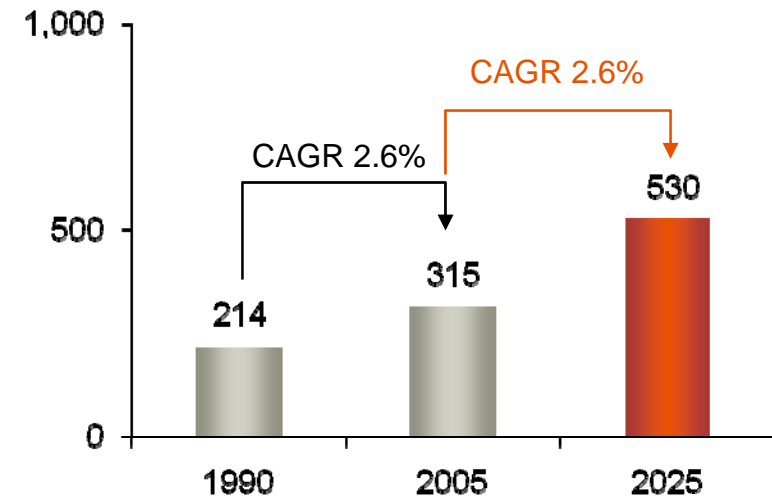
Urbanisation of China
(Million)



	1990	2005	2025
Population (m)	1,142	1,307	1,448
% urbanised	22%	43%	64%



Urbanisation of India
(Million)



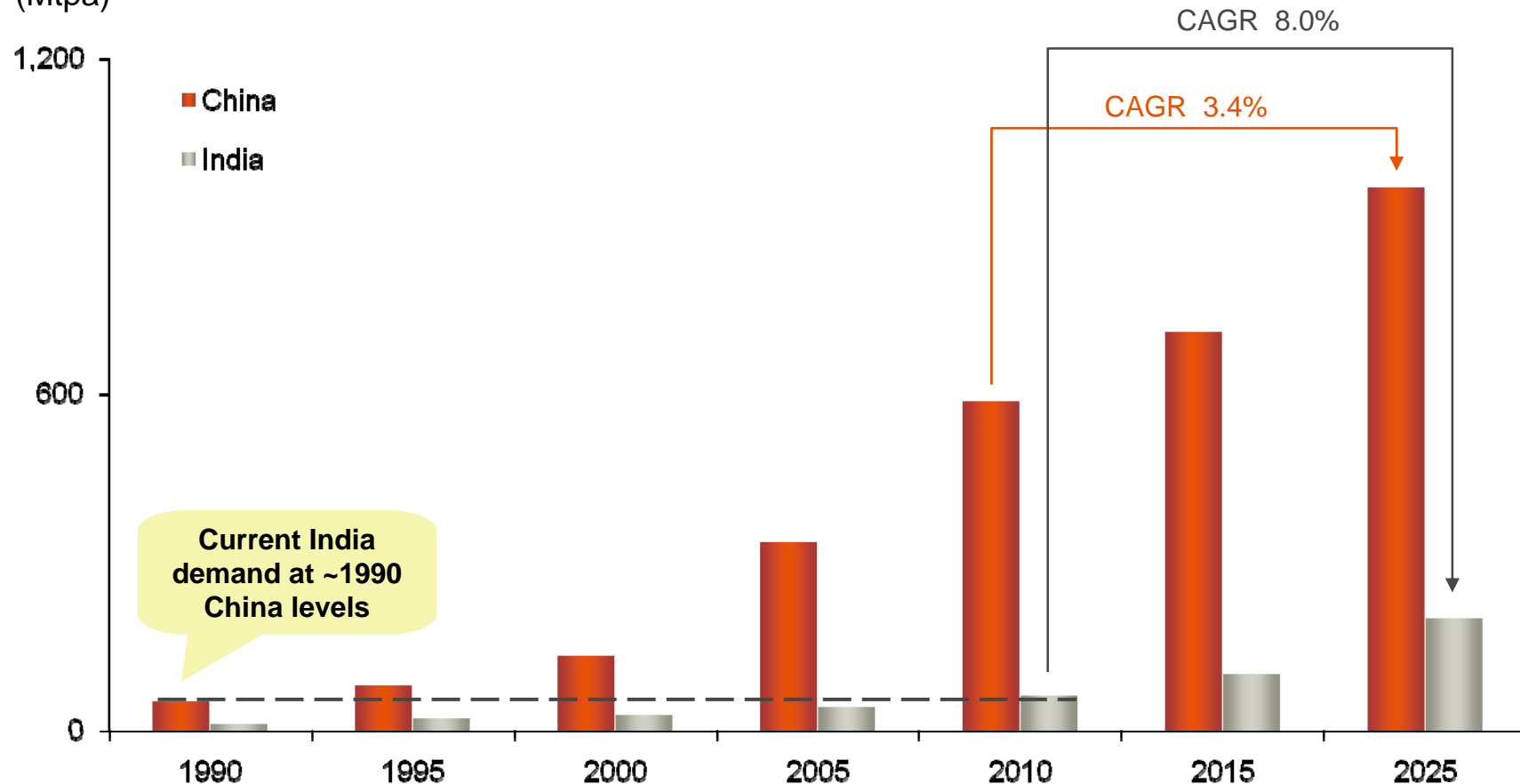
	1990	2005	2025
Population (m)	839	1,106	1,401
% urbanised	25%	29%	38%



Source: McKinsey 2011. Photos Source: BHP Billiton.

India will grow at faster rates than China in the next 15 years, but from a lower base

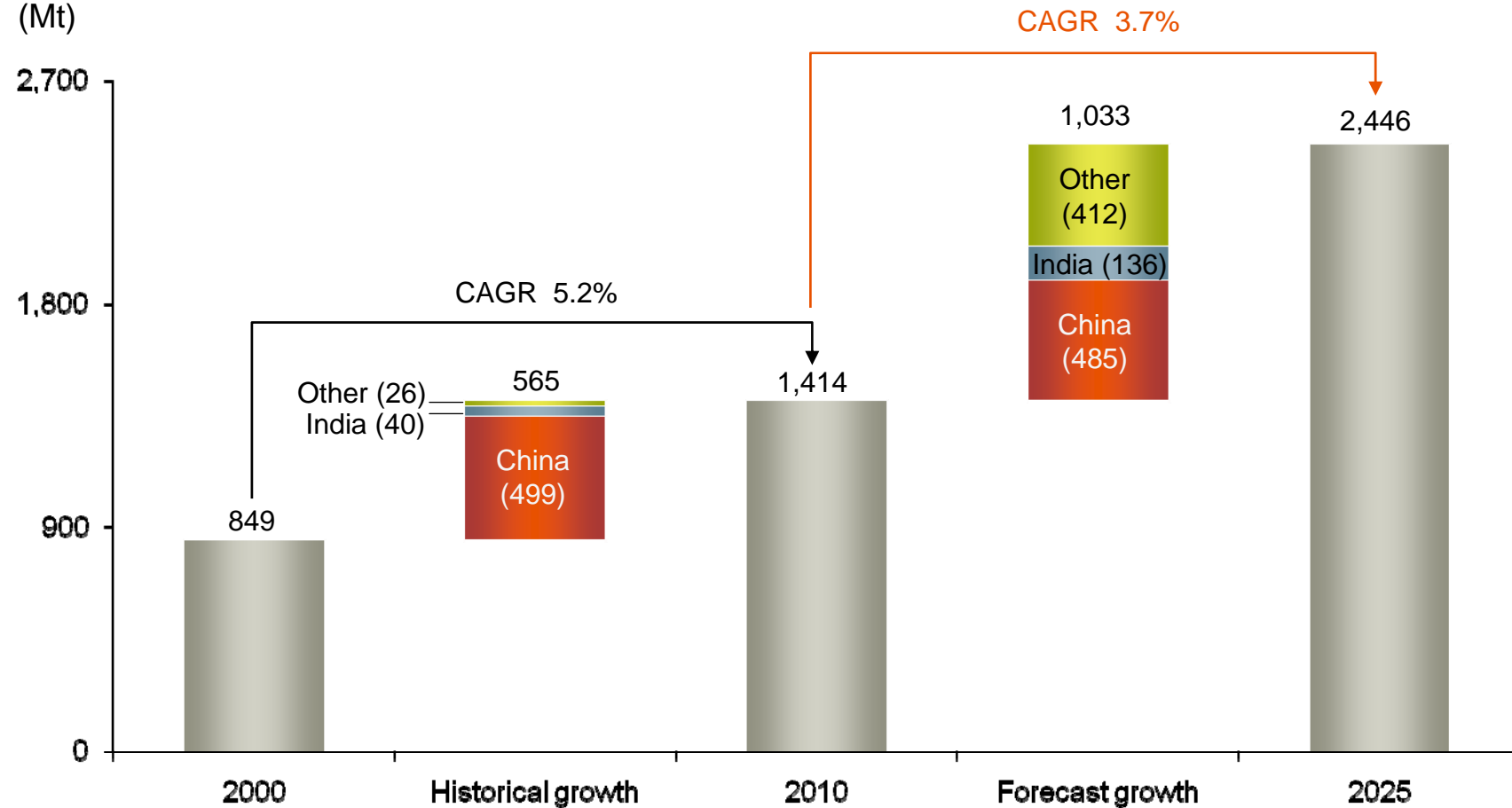
Projected India and China finished steel demand growth (Mtpa)



Source: BHP Billiton analysis.

Asia will continue to be a substantial driver of steel production growth to 2025

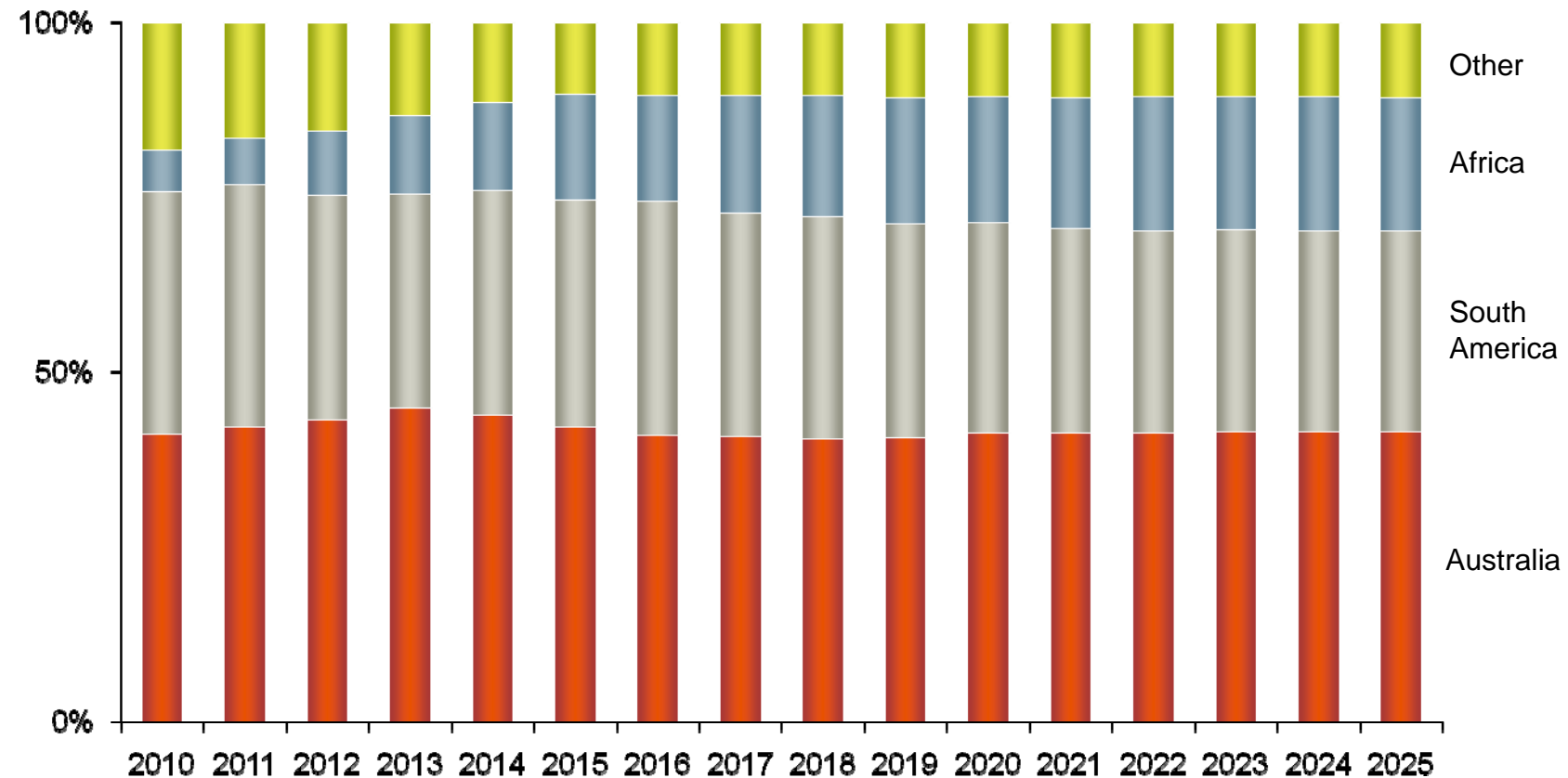
Global crude steel production
(Mt)



Source: BHP Billiton analysis.

New sources of supply expected to emerge

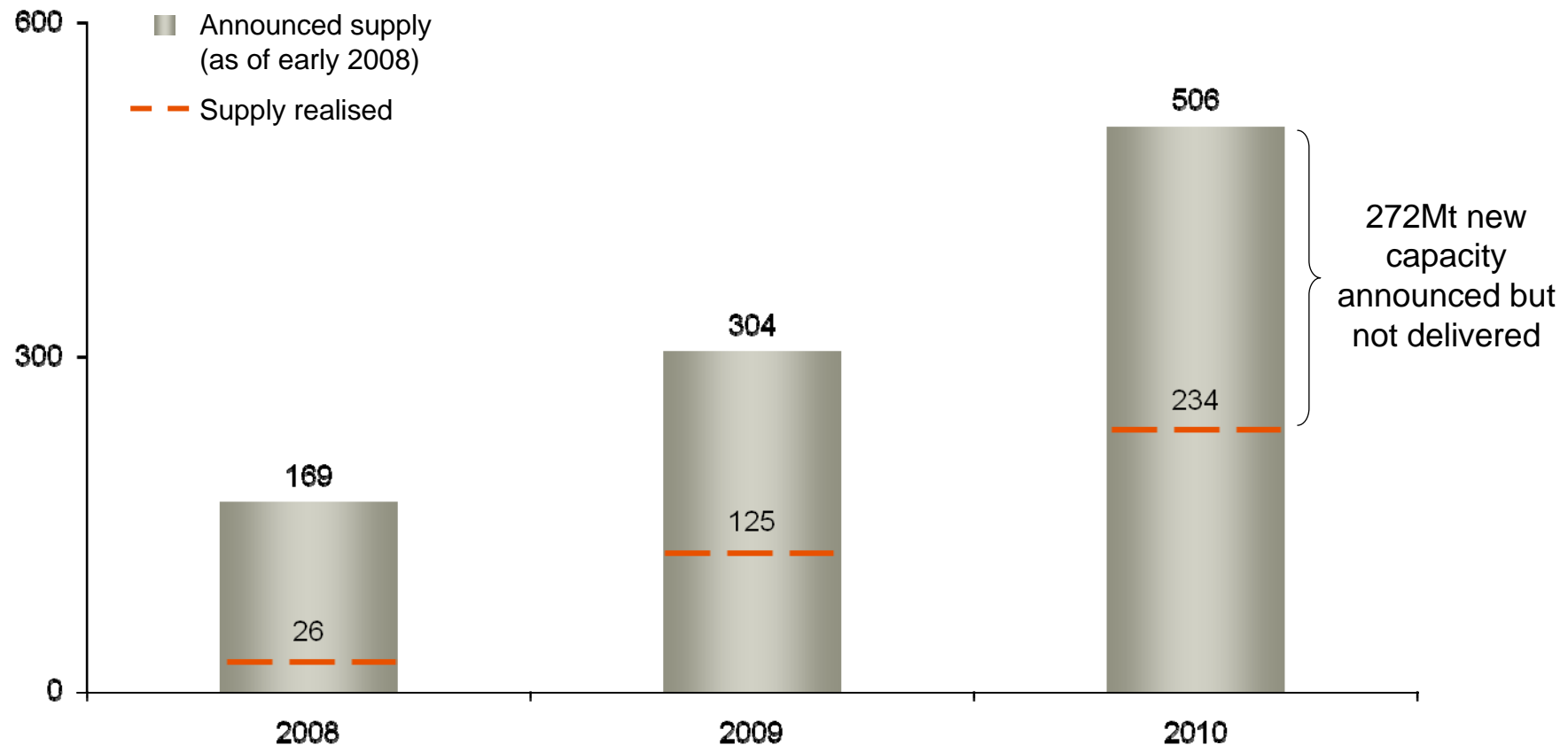
Total announced seaborne supply by region
(%)



Note: Others includes India, Middle East, CIS, Europe-Other, Asia and New Zealand.
Source: BHP Billiton analysis.

Historically delivered supply has not matched announcements

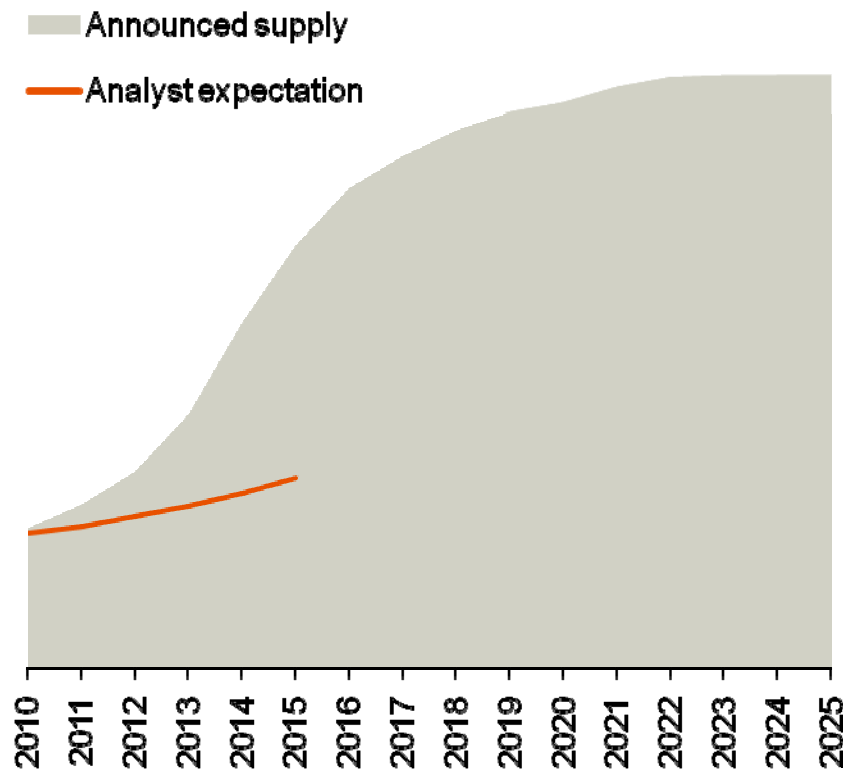
Total announced incremental seaborne supply in 2008 vs. actual incremental delivered (Mtpa)



Note: New Announced Supply based on BHP Billiton analysis as of early 2008.
Source: BHP Billiton analysis.

Looking forward, industry challenges will further impede delivery

Total announced seaborne supply (Mtpa)



Industry challenges

- Rising capital and operational costs
- Skilled labour availability
- Operational complexity for multiple tie-ins
- Civil Infrastructure strain
- Country political risks

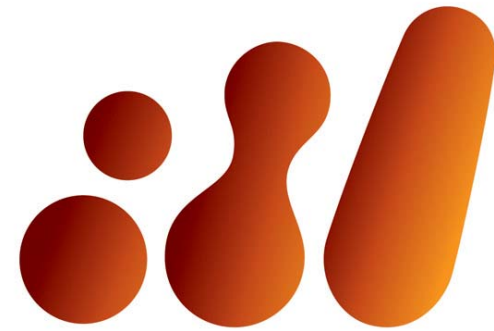
Note: Announced Supply based on BHP Billiton analysis of public announcements.

Analyst expectation based on Goldman Sachs, Macquarie Research, UBS and Barclays Capital and Citigroup Global Markets (January – March 2011).

Source: BHP Billiton analysis.

Conclusion

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