BHP Billiton Aluminium

Presentation to the Investment Community

November 2005

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Agenda

Topic	Presenter	Position
Overview	Alex Vanselow	President Aluminium
Strategy	Rod Kinkead-Weekes	VP Strategy Aluminium
Marketing	Julius Matthys	Marketing Director Aluminium
Operations	Peter Wilshaw	COO Australia Aluminium
Technical	Ian Jacobson	VP Technical Aluminium
Finance	Vince Nicoletti	CFO Aluminium
Summary	Alex Vanselow	President Aluminium

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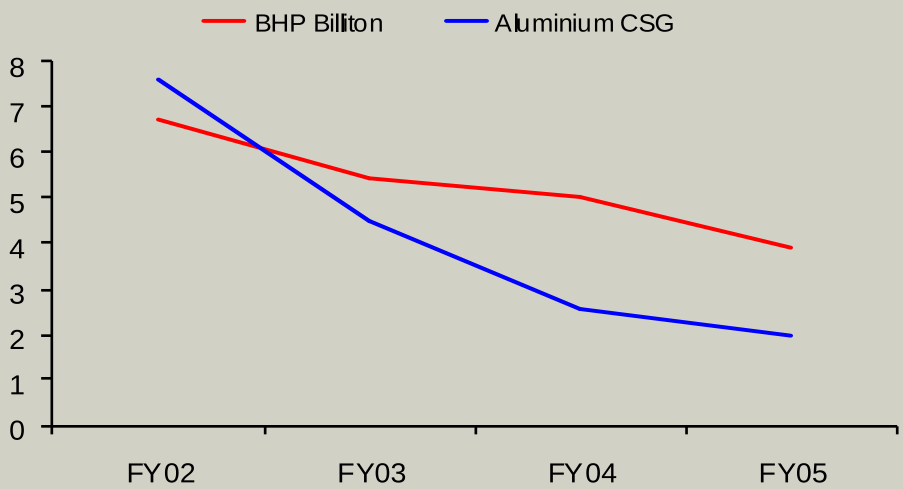
Setting the Context

- Sustainable perspective
- Portfolio of quality operations and people
- Value growth
- Future options

Sustainability

CIFR 12MMA



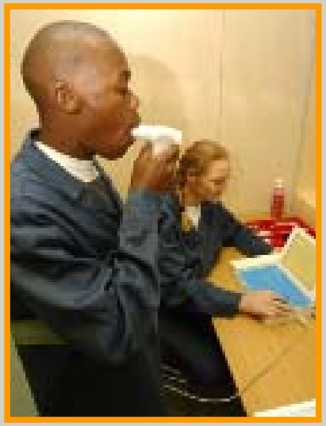
Safety

- ❑ Felt leadership
- ❑ Behavioural Based Safety

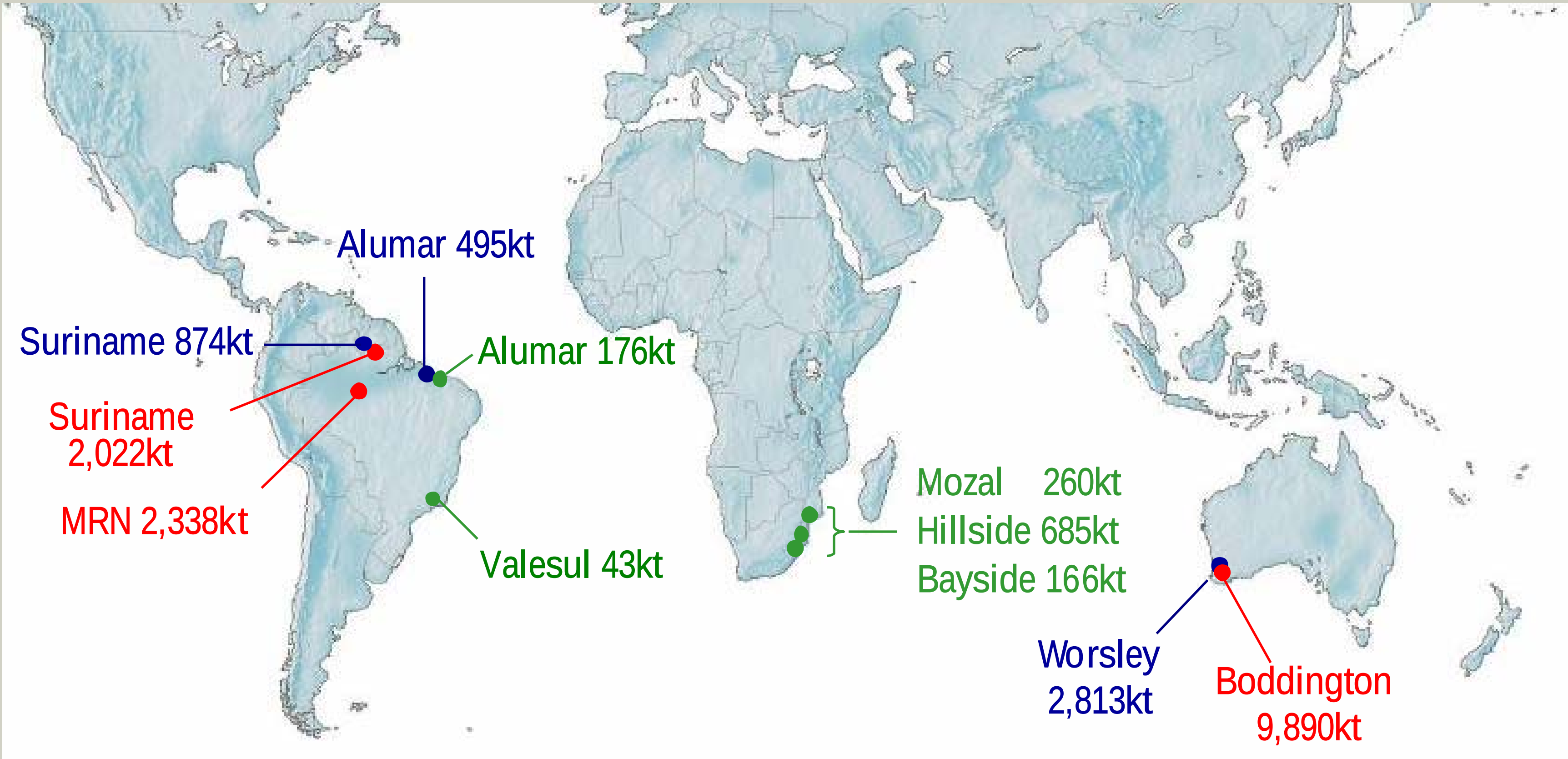
Community

Health

Environment



Aluminium CSG FY05 Equity Production



Bauxite Mines Refineries Smelters

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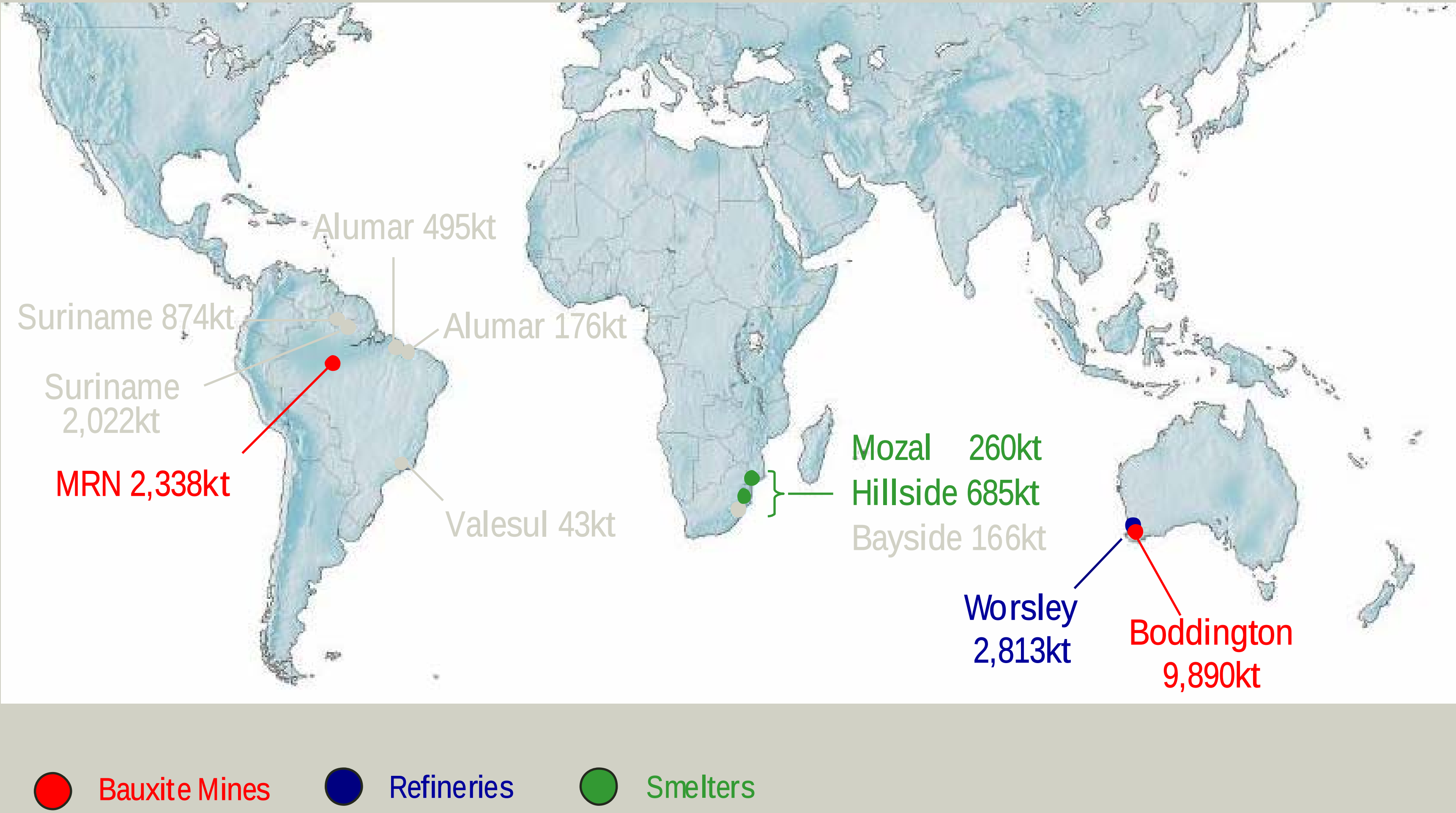
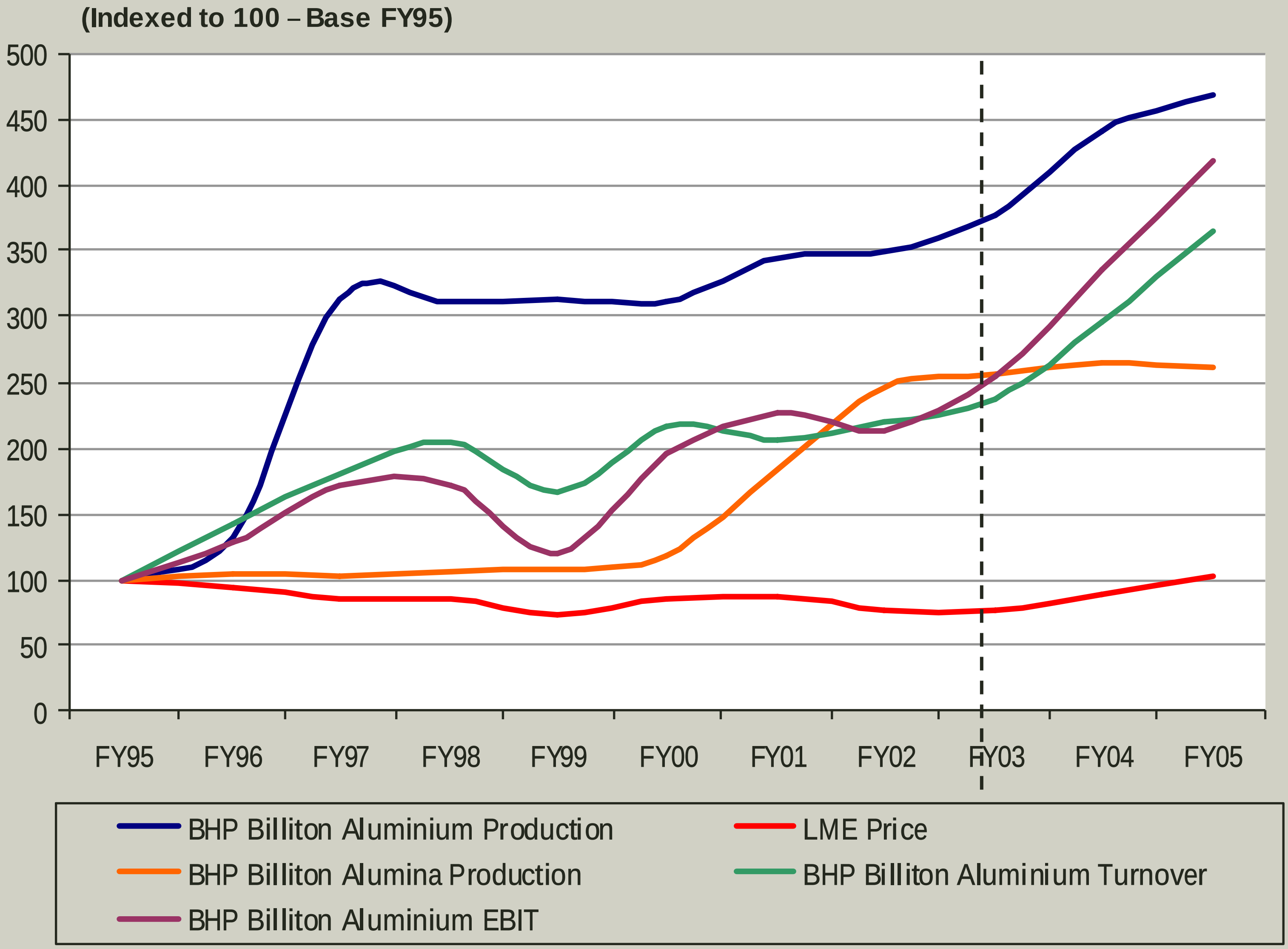
Setting Production Records in FY05



Delivering Value



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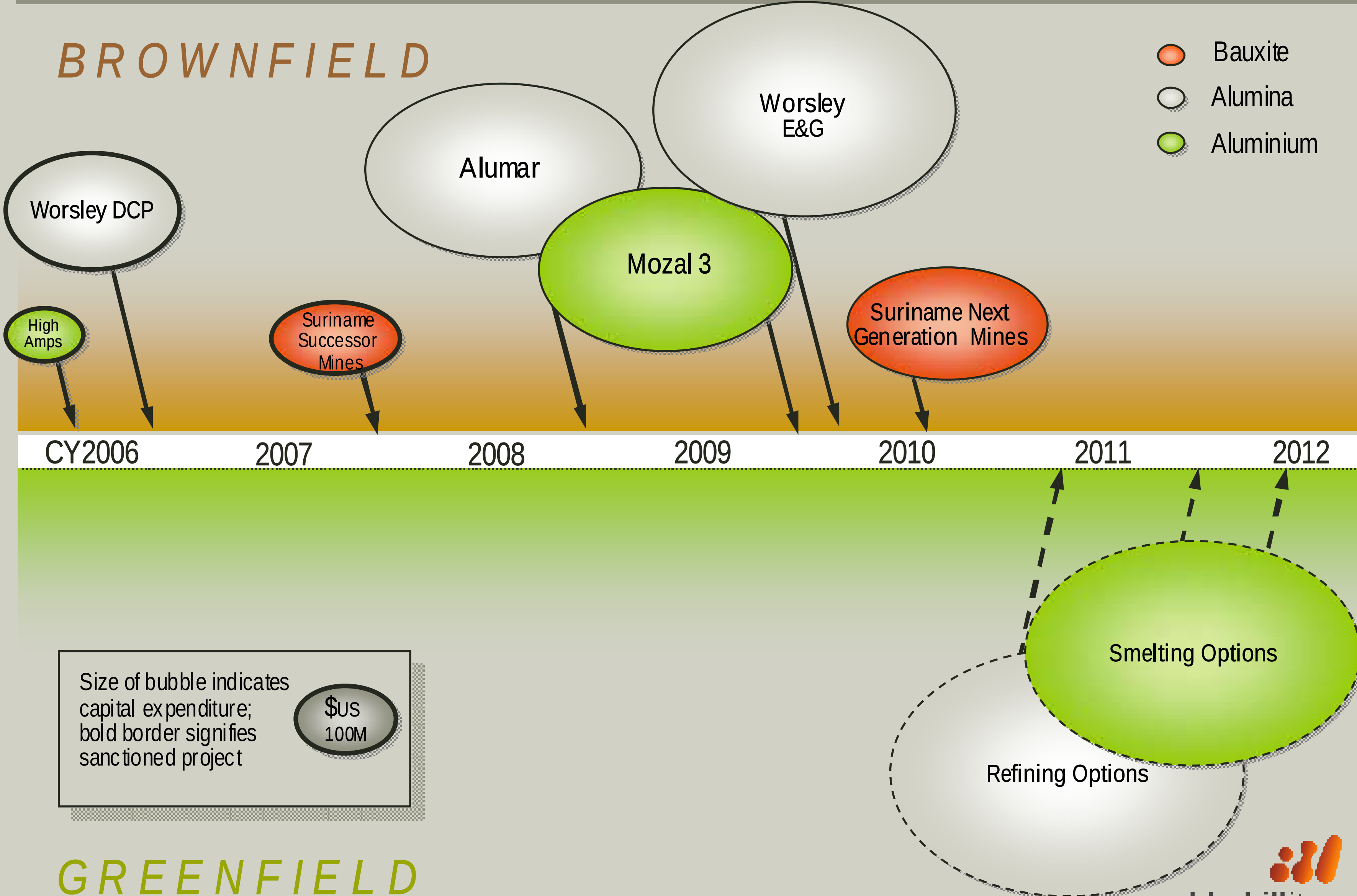
Aluminium Growth Projects



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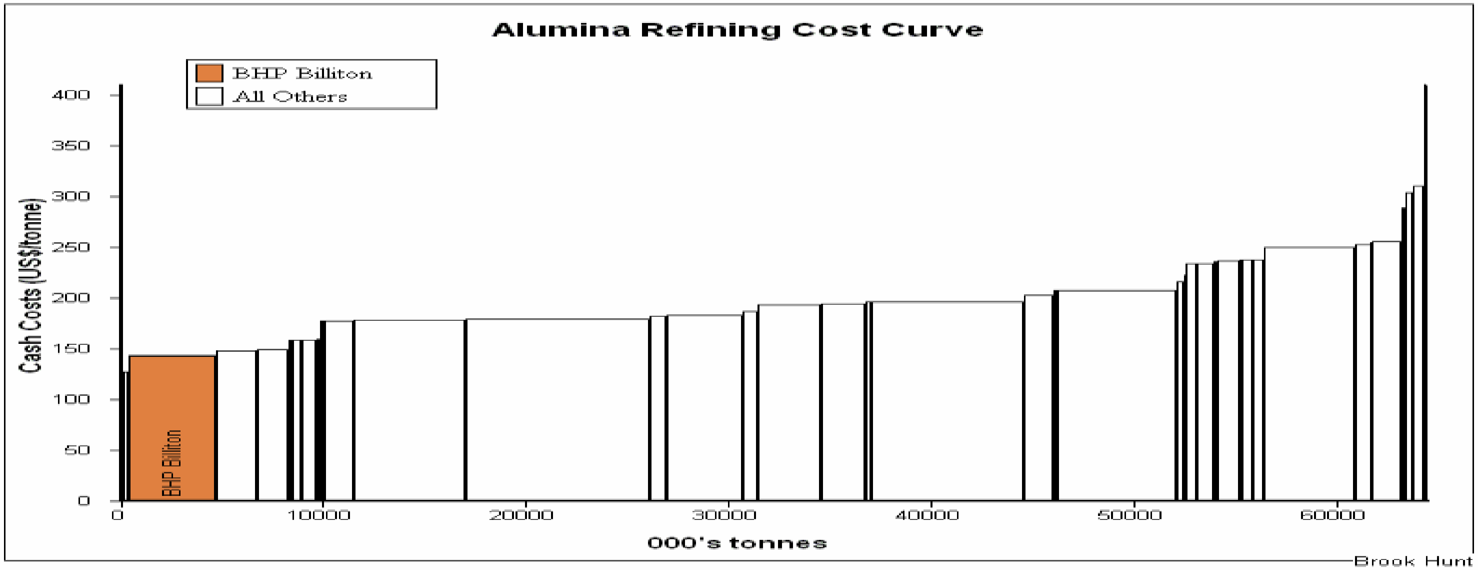
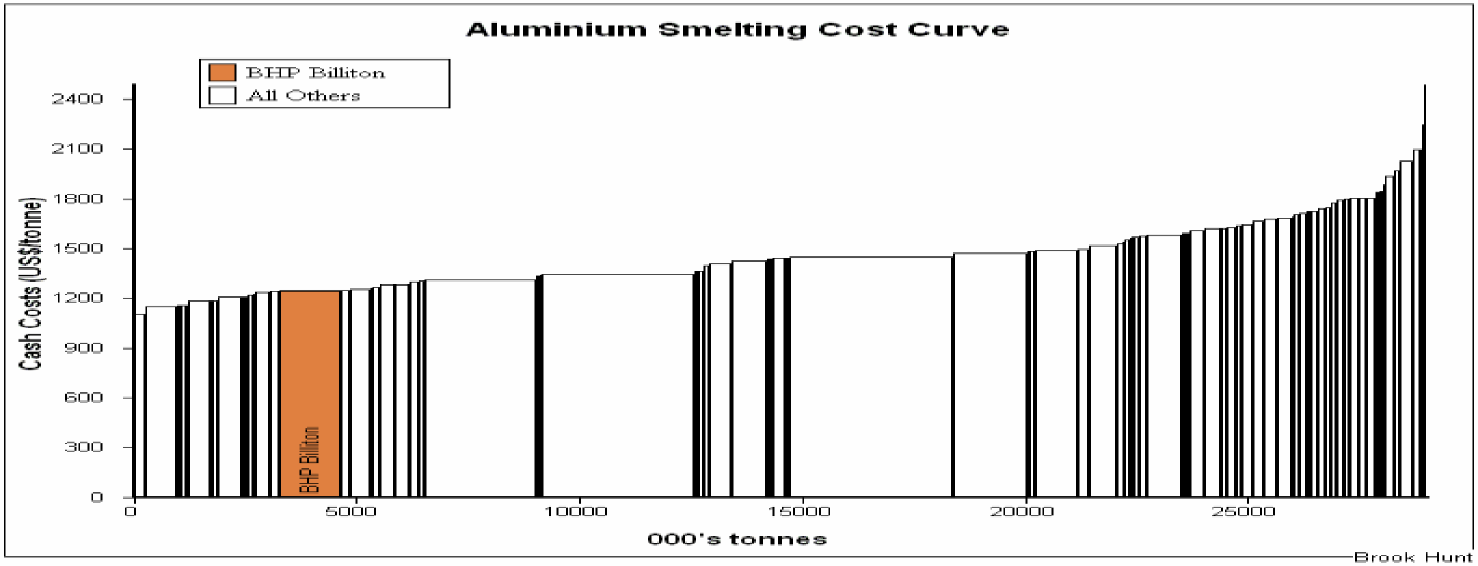
Key Messages

- “Upstream and low-cost“ strategy maintained
- Strong demand fundamentals; supply-side issues
- Disciplined investment in growth

2005 Alumina and Aluminium Cash Cost Curves





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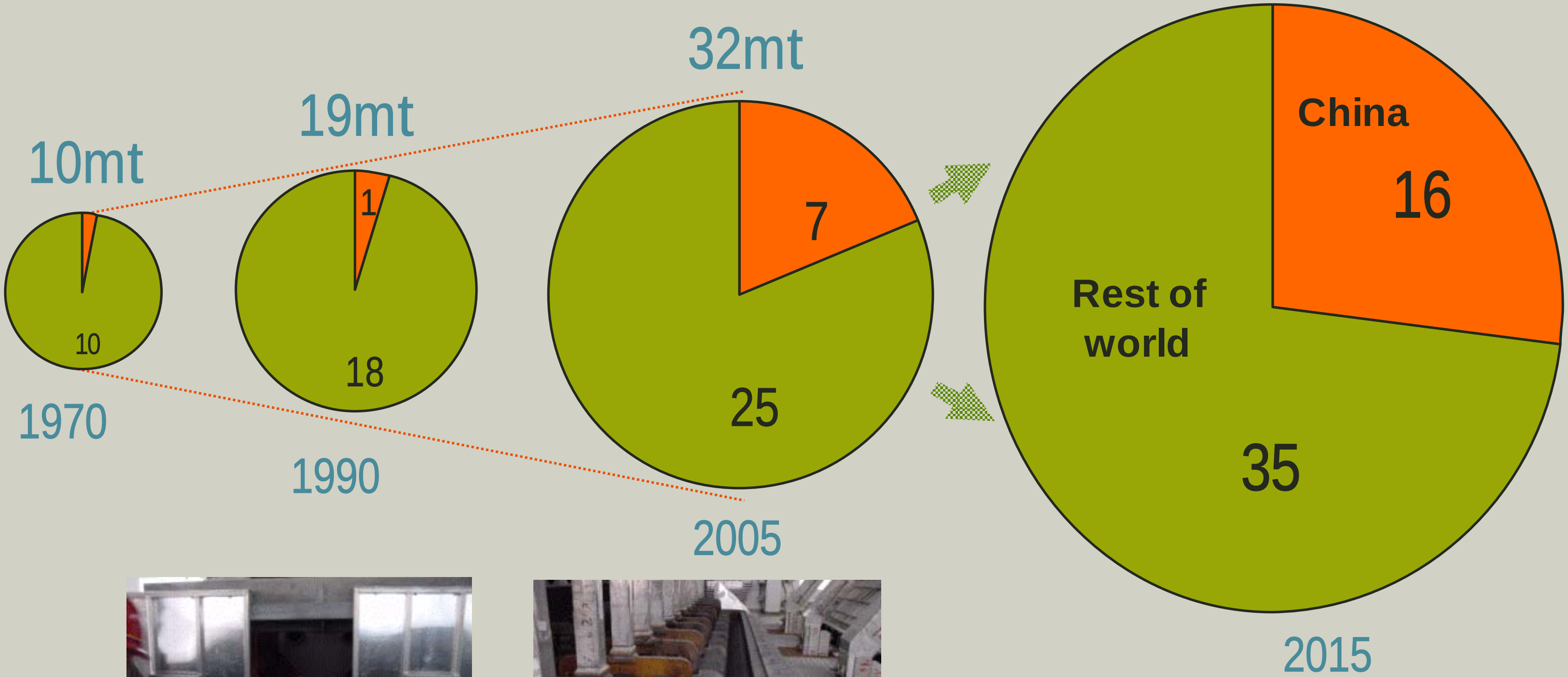
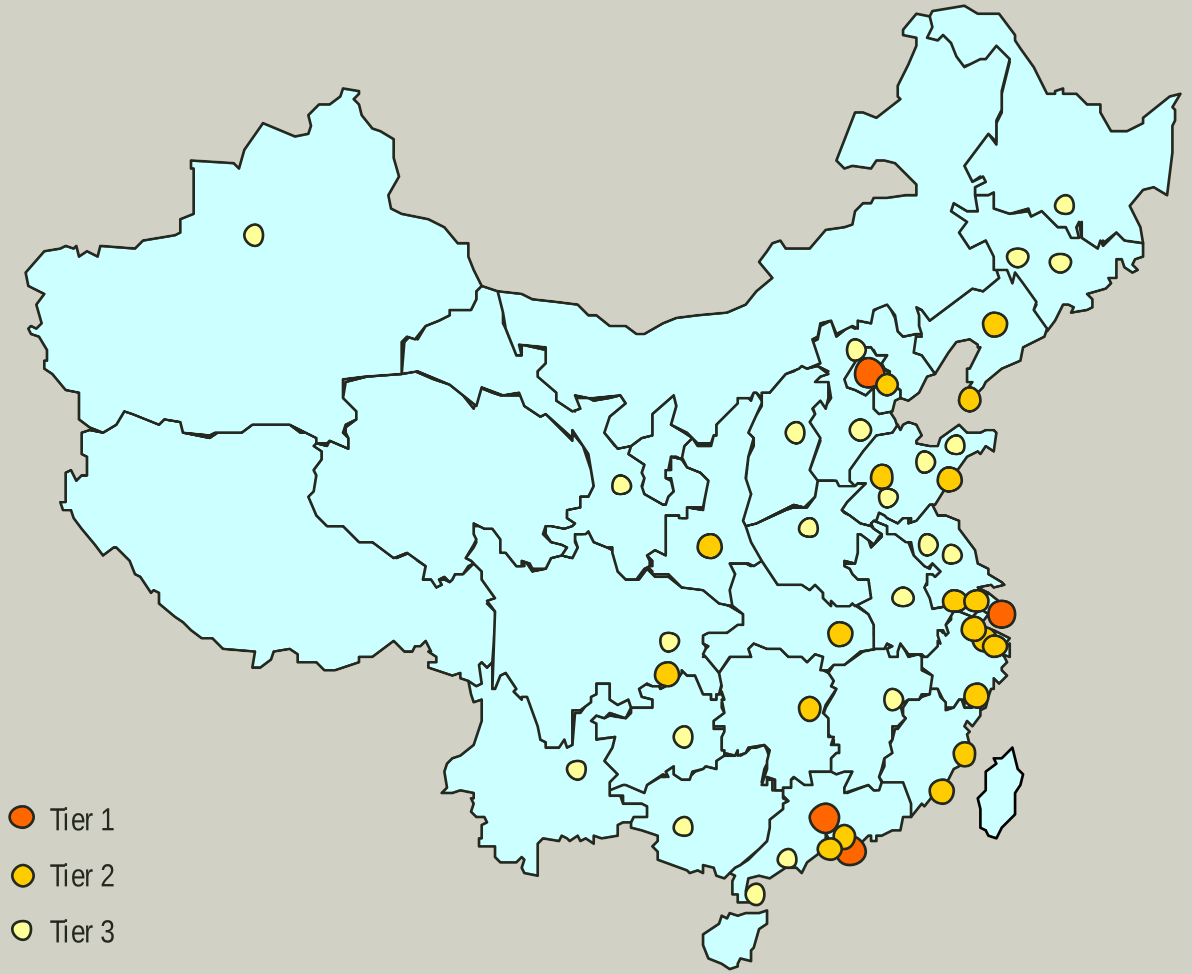
The China-Driven Demand Opportunity

Global primary aluminium consumption



Today 45 Tier 1-3 cities provide China's growth impetus…

China's tiered city structure* – 2003

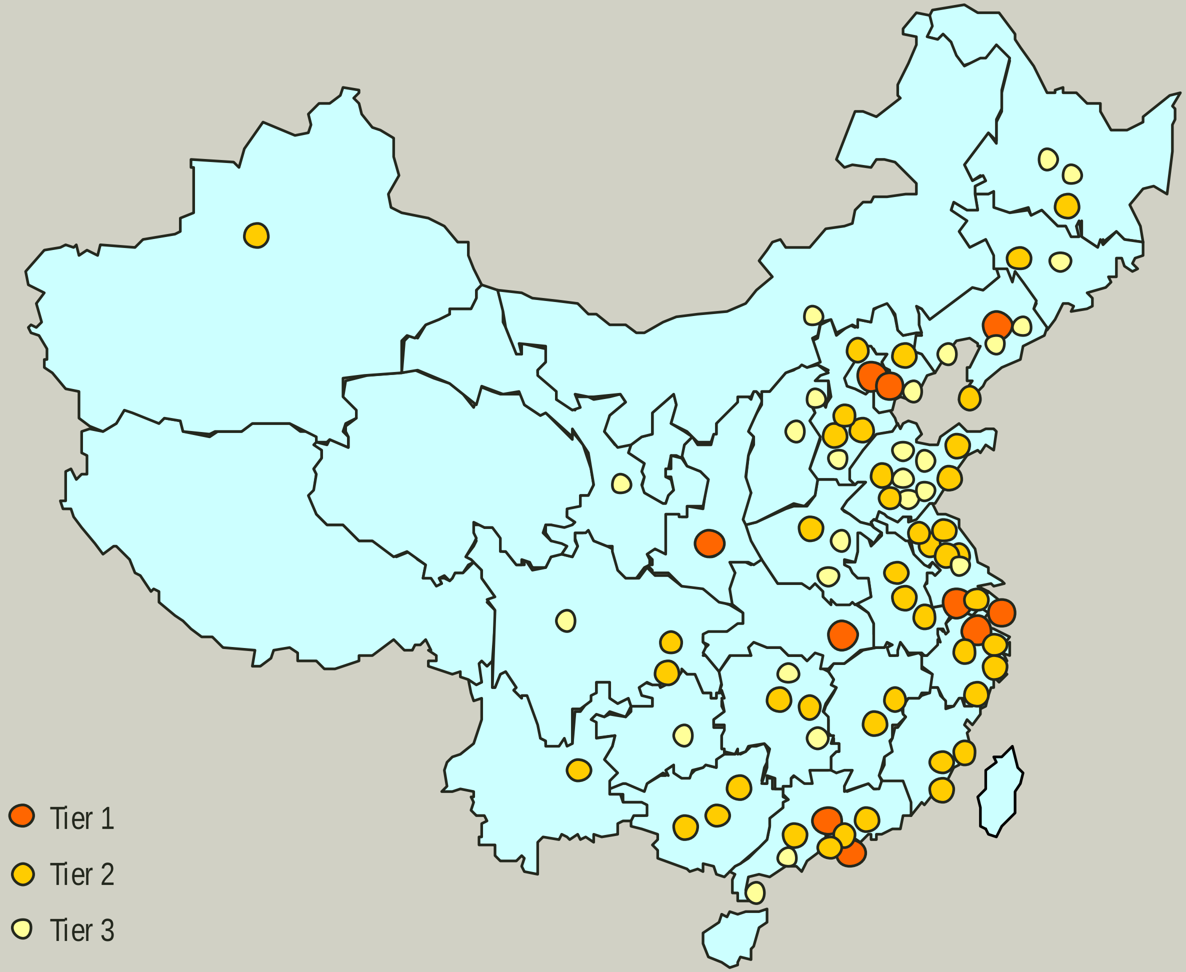


Today, China has 45 tier 1-3 cities, mainly in coastal provinces

* Tier 1 city defined as registered population >4.5 m and GDP/capita >US$3,000, Tier 2 city defined as either registered population >4.5 m or GDP/capita >US$3,000, Tier 3 city defined as registered population 1.5-4.5 m and GDP/capita US$1,500-US$3,000
Source: WEFA-WMM; China macro model; McKinsey analysis

… by 2010 … 86 tier 1-3 cities …

China's tiered city structure* – 2010



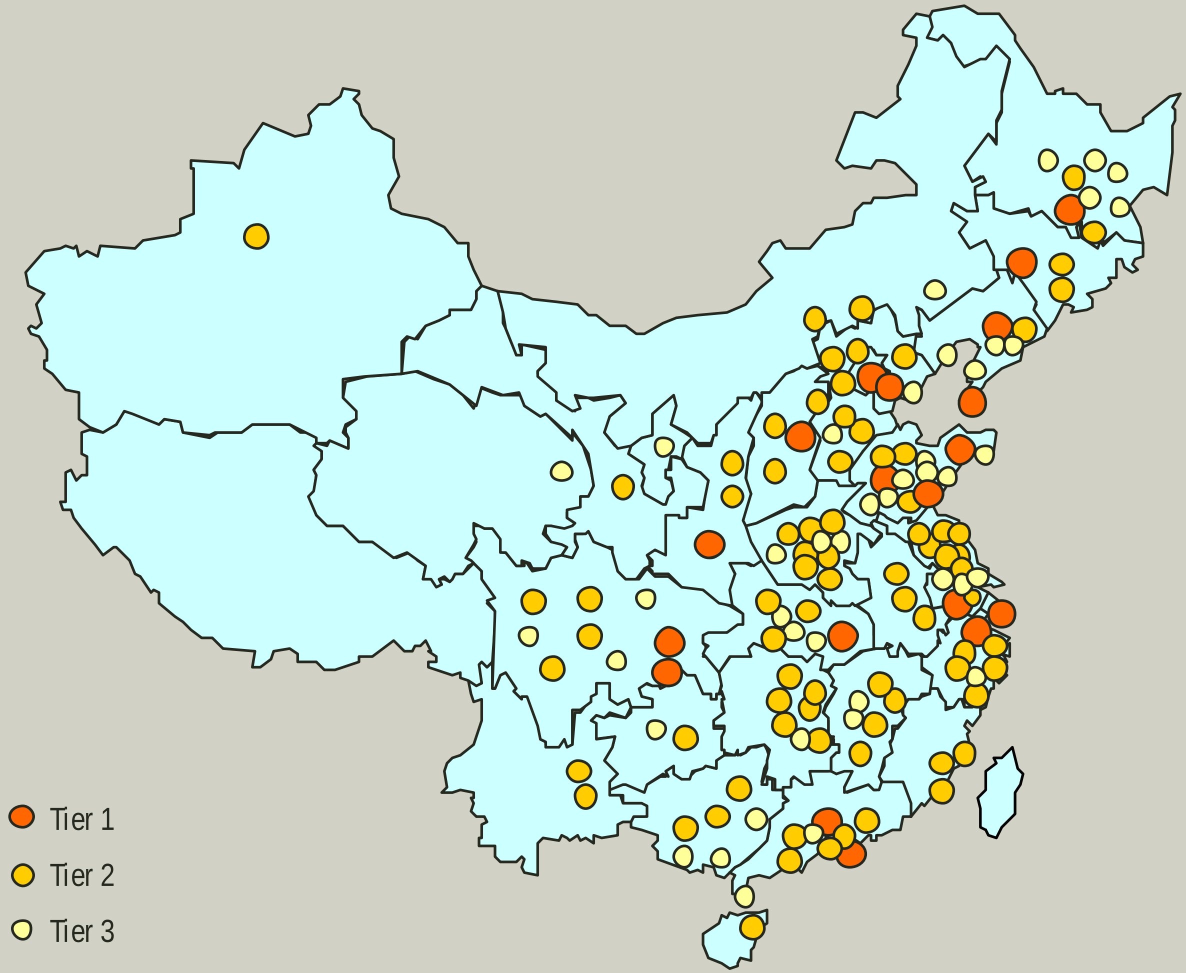
Today, China has 45 tier 1-3 cities, mainly in coastal provinces

By 2010, Tier 1-3 cities will have grown to 86 in number, still largely driven by coastal provinces

* Tier 1 city defined as registered population >4.7 m and GDP/capita >US$3,800, tier 2 city defined as either registered population >4.7 m or GDP/capita >US$3,800, tier 3 city defined as registered population 1.6-4.7 m and GDP/capita US$1,900-US$3,800
Source: WEFA-WMM; China macro model; McKinsey analysis

… and by 2025 … 147 tier 1-3 cities

China's tiered city structure* – 2025



Today, China has 45 tier 1-3 cities, mainly in coastal provinces

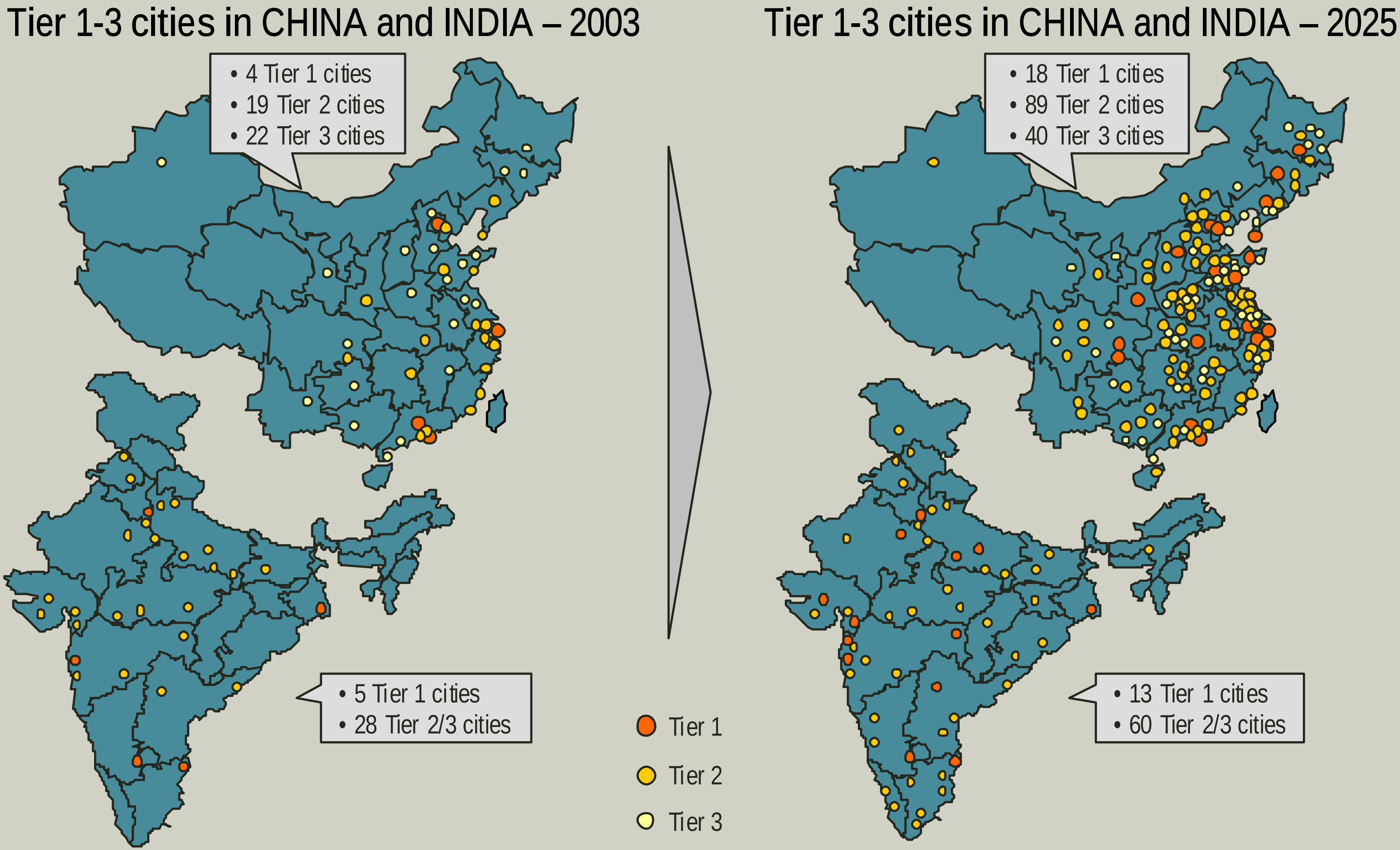
By 2010, Tier 1-3 cities will have grown to 86 in number, still largely driven by coastal provinces

By 2025, there will be 147 Tier 1-3 cities as urbanization in interior provinces occurs

* Tier 1 city defined as registered population >5.1 m and GDP/capita >US$5,900, tier 2 city defined as either registered population >5.1 m or GDP/capita >US$5,900, tier 3 city defined as registered population 1.7-5.1 m and GDP/capita US$3,000-US$5,900

Source: WEFA-WMM; China macro model; McKinsey analysis

Urbanisation – A Common Theme



* Tier 1 city defined as registered population >5.1 m and GDP/capita >US$5,900, tier 2 city defined as either registered population >5.1 m or GDP/capita >US$5,900, tier 3 city defined as registered population 1.7-5.1 m and GDP/capita US$3,000-US$5,900

Source: WEFA-WMM; China macro model, McKinsey analysis

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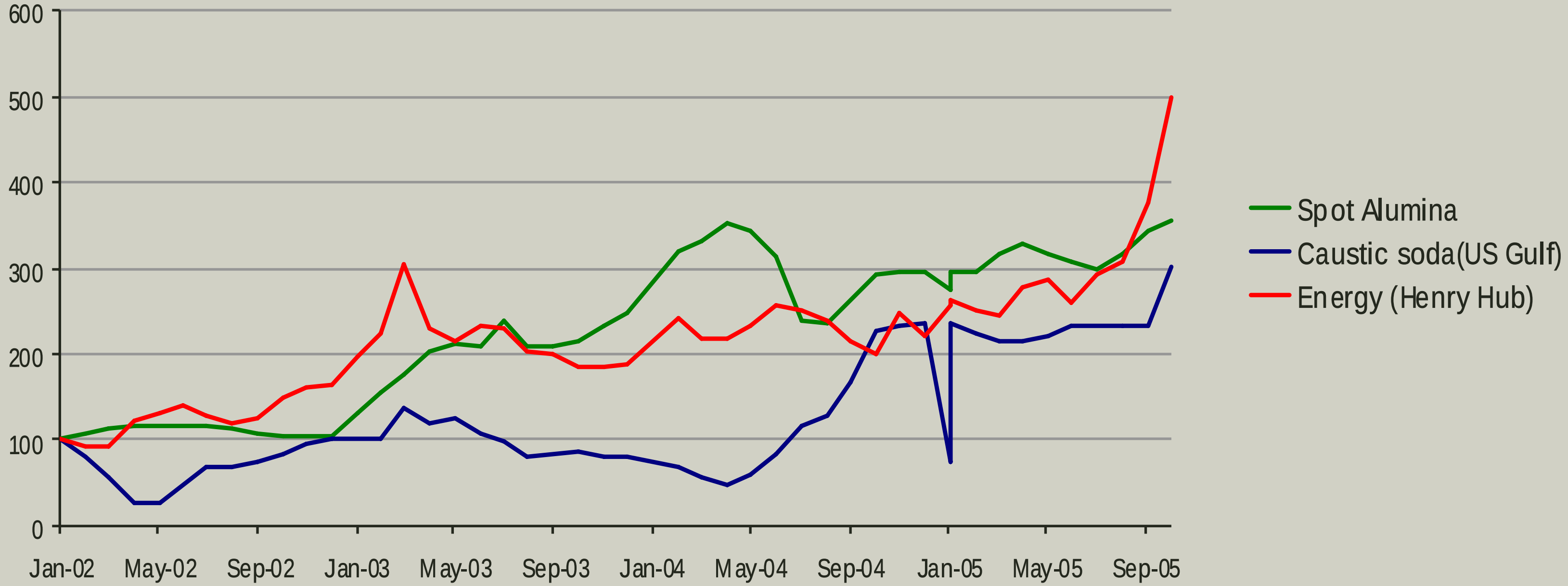
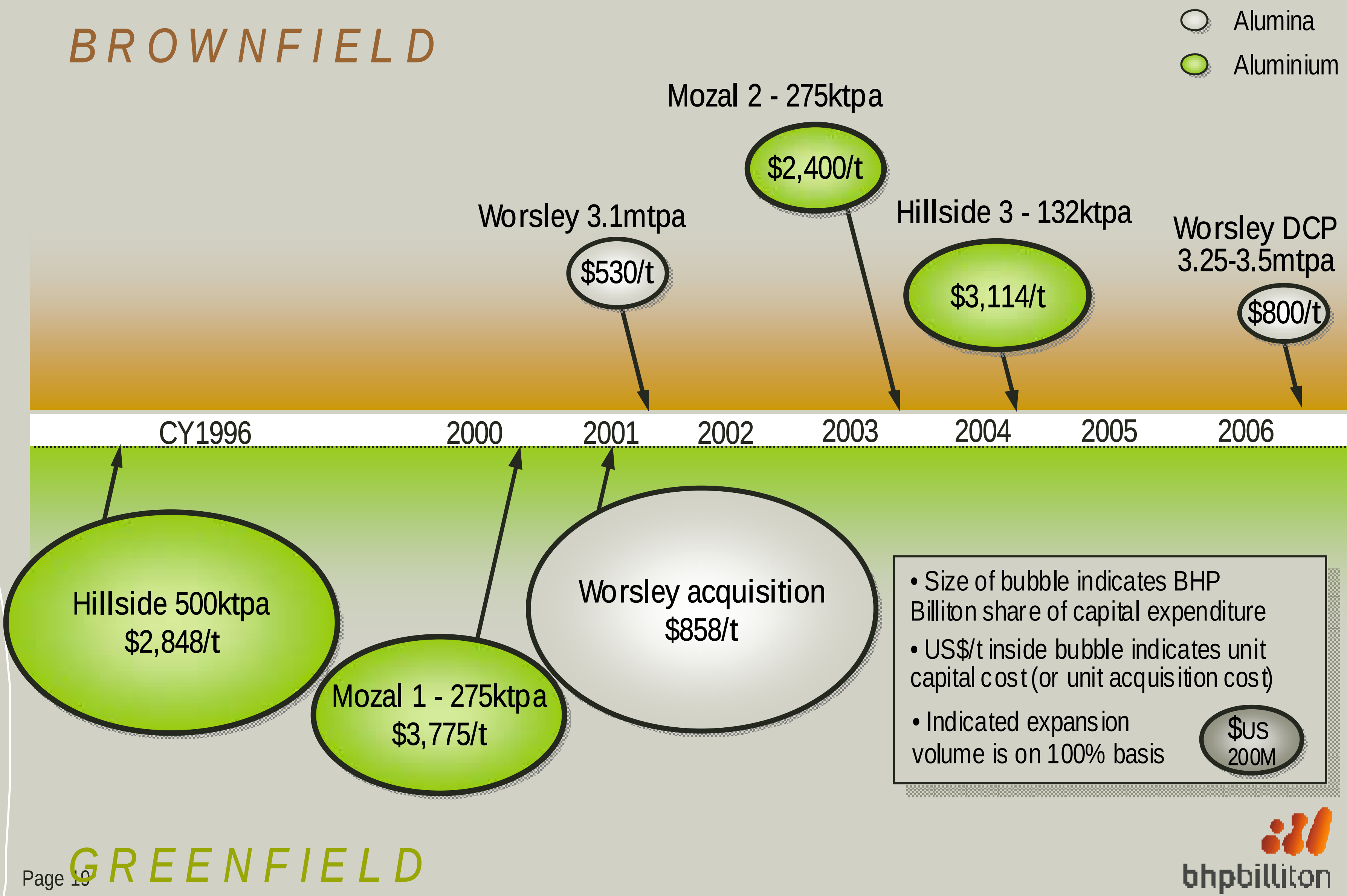
Aluminium Industry – Supply-side challenges



Indexed to 100 – Jan 2002

- Cost pressures
- European and US smelter closures
- Chinese capacity
- Project delays
- Challenging geographies

Investing in Tier 1 Assets for Value



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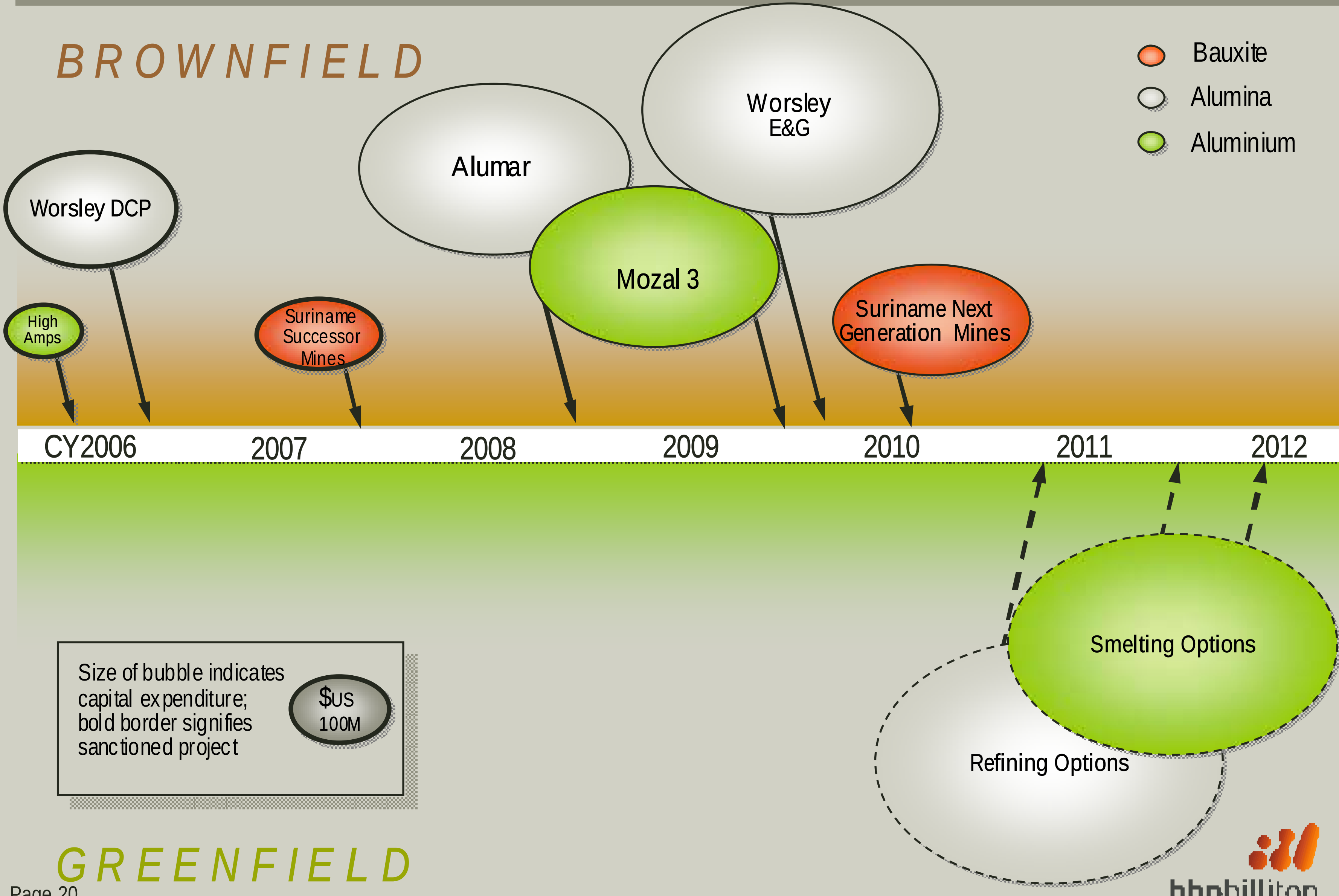
Aluminium Growth Projects



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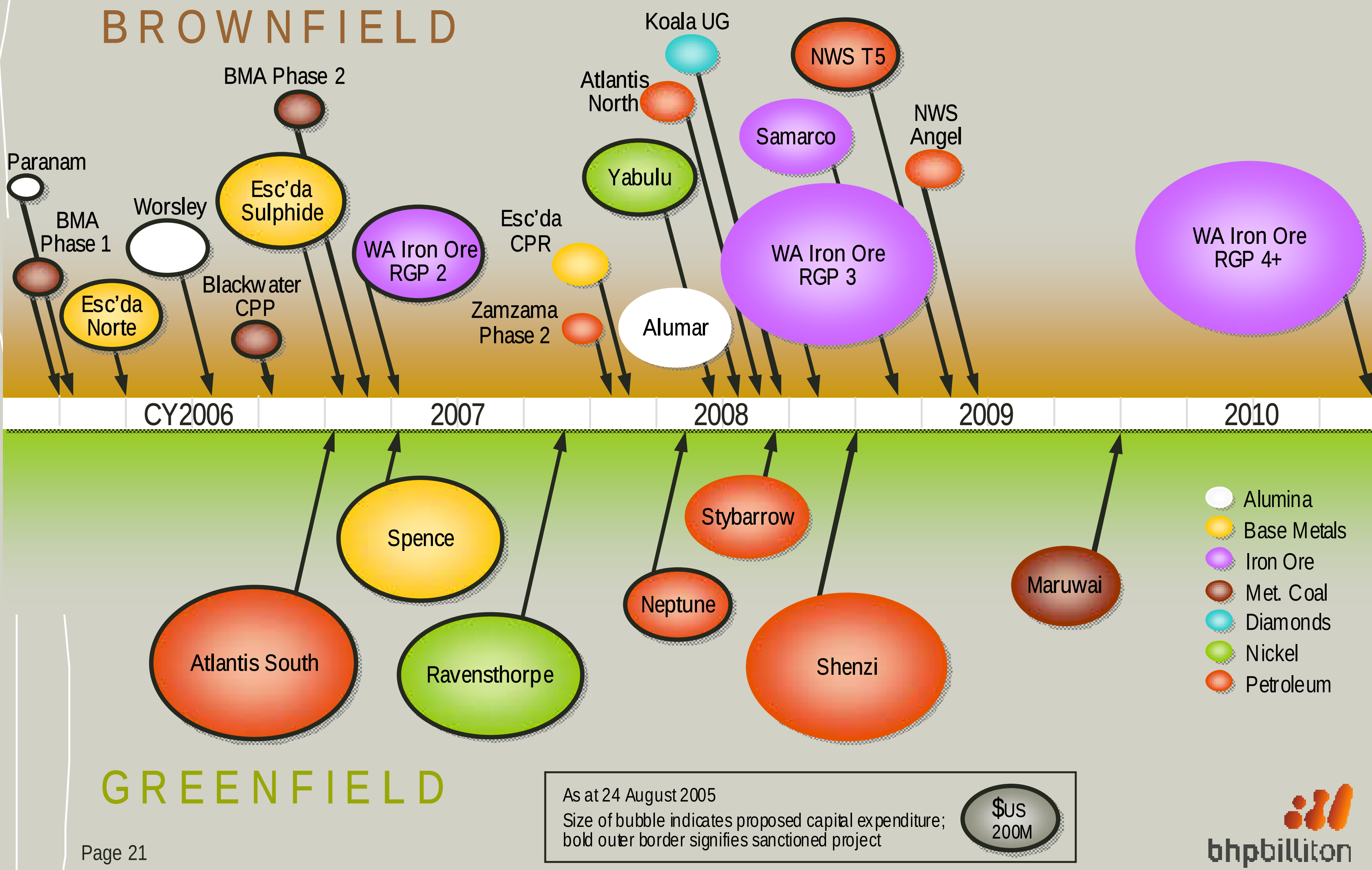
Deep Inventory of Growth Projects



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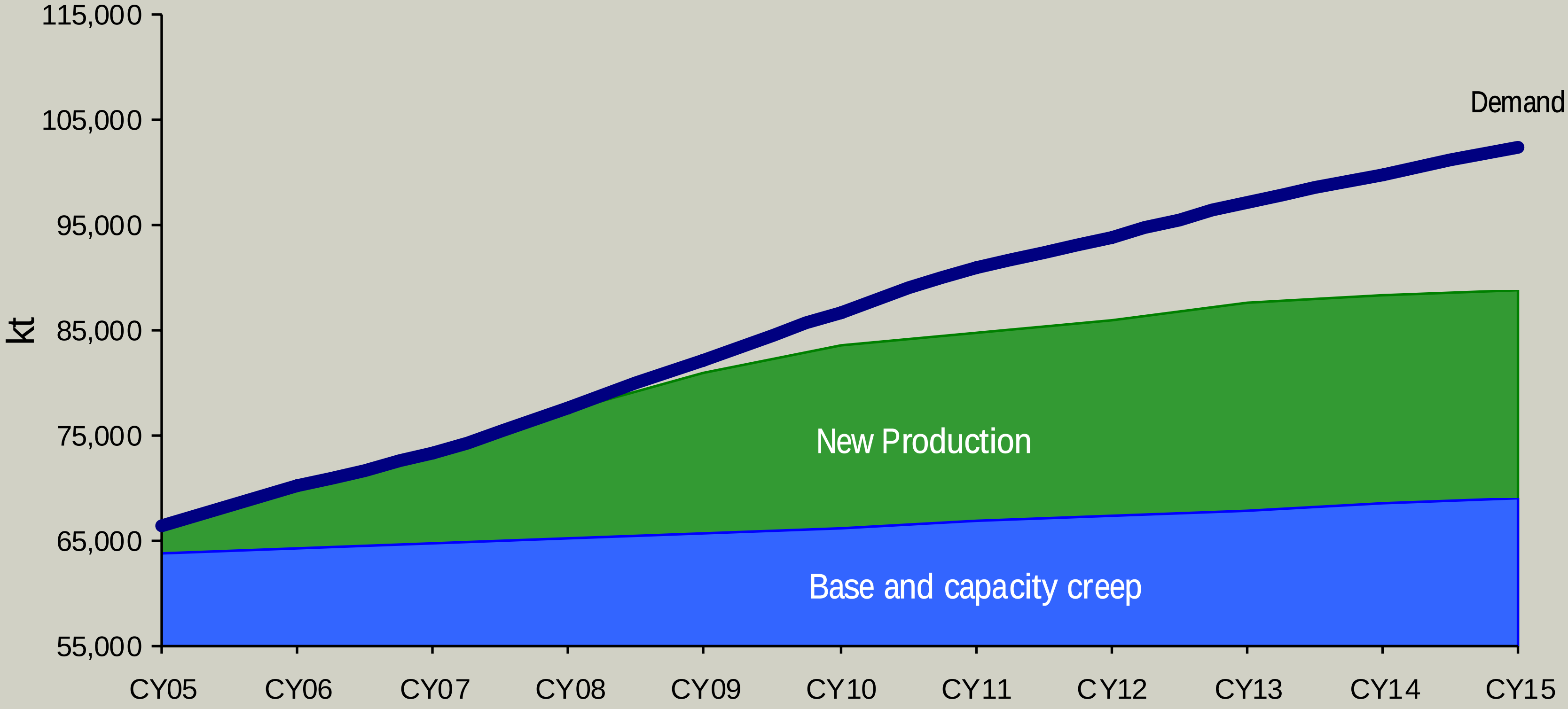
Key Messages

- Demand and Supply fundamentals are attractive
- Alumina market to remain tight for 2006
- Falling Chinese Aluminium exports support Asian premiums
- Third party product activity is delivering benefits

Alumina Demand and Supply Outlook



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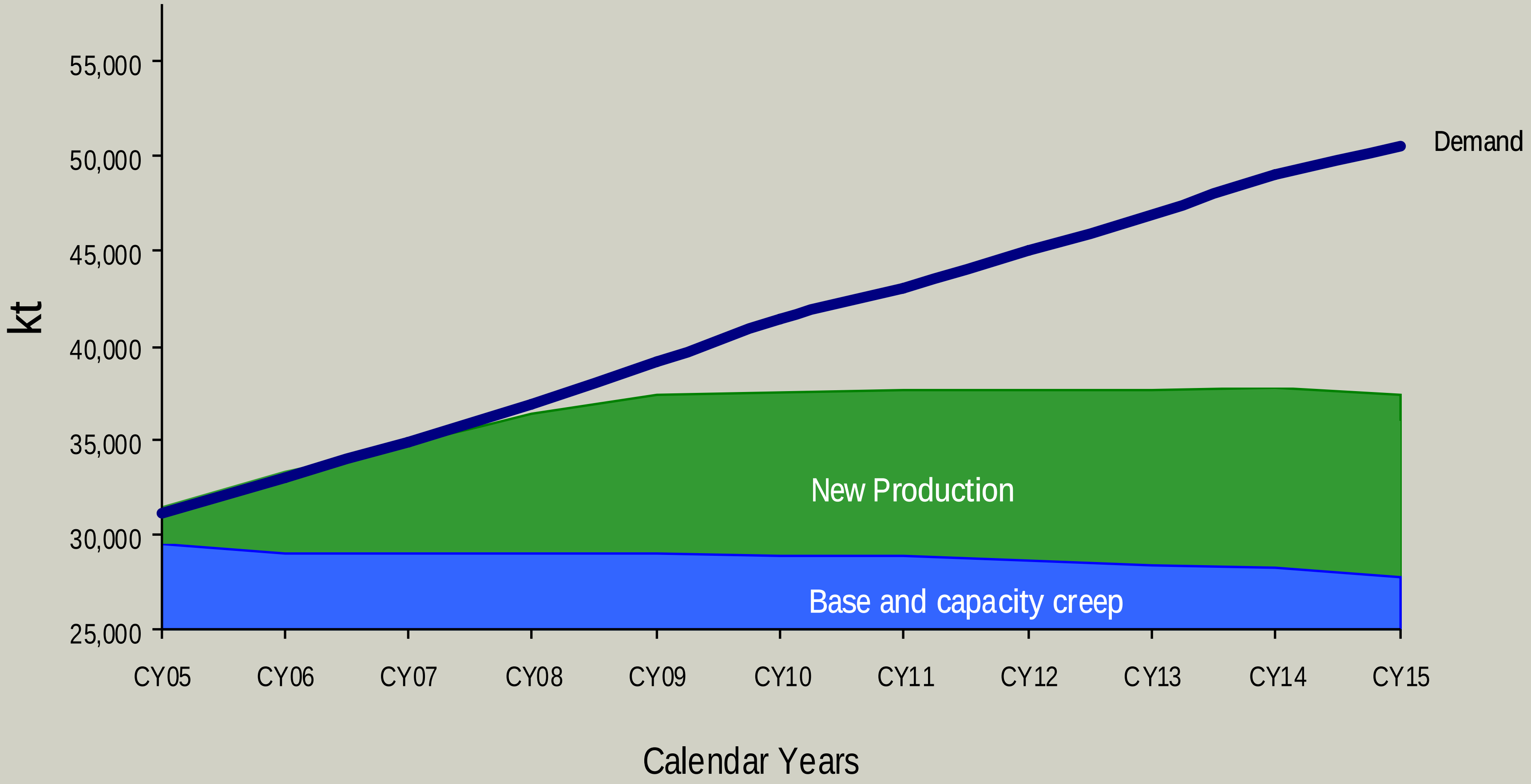
Alumina - Market Update

- What we see "on the ground"
  - Strong Chinese demand continues and alumina stocks decline
  - Spot Prices being supported by supply constraints
  - Favourable market for sellers
- Alumina Price
  - Benchmark Australian spot prices > $550/tonne FOB.
  - Prolonged tightness will influence contract negotiations

Aluminium Demand and Supply Outlook



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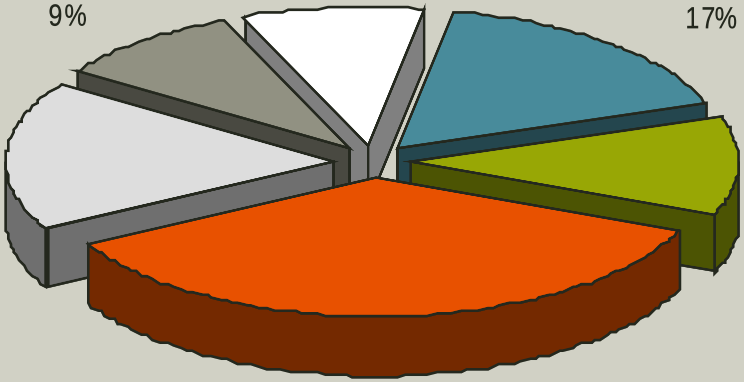
Aluminium - Market Update

- What we see "on the ground"
  - Lower level of LME stocks
  - Slowing primary metal exports from China
  - The need for restocking apparent in some markets – Europe.
  - Potential smelting closures in Europe and the US

- Aluminium Price
  - Chinese aluminium consumption continues to show double digit growth rates

Third Party Products – $2,057m Revenue in FY05



Benefits

- Margin optimization
- Operational risk mitigation
- Market intelligence
- Customer service
- $21m EBIT in FY05

- Low risk: All within trading mandates; no large speculative positions

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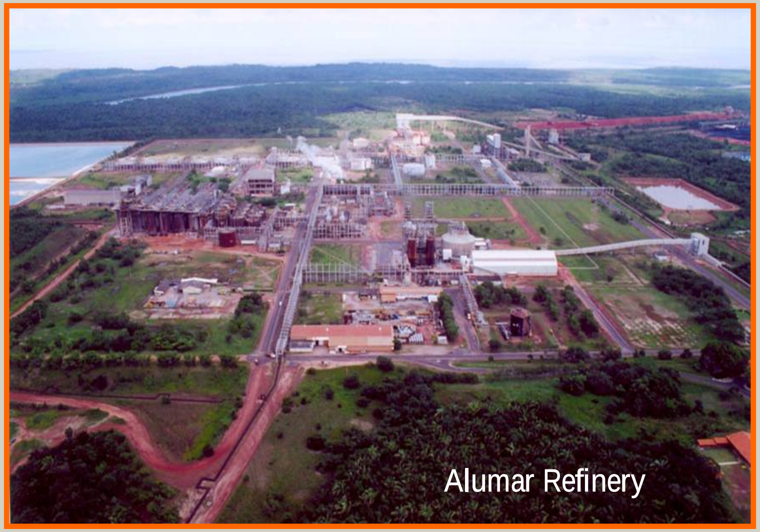
Key Messages

- Consecutive production records
- Benchmark AP30 performance
- Delivery of growth projects

Worsley

- Consecutive records in production
  - 3.271mt (100% basis, FY05)
- Business Improvement
  - Advanced Process Management
  - Applied technology
  - Bunbury Port
  - OPEX focus
- Delivering growth
  - DCP expansion to 3.5mtpa in development phase
  - E&G expansion to 4.3mtpa in feasibility phase

South America



- Consecutive records in production
  - MRN 16,409mt (100% basis, FY05)
- Alumar refinery
  - Expansion to 3.5mtpa (100% basis)
- Suriname
  - Optimize performance
  - Successor mines
  - Next Generation mines
- Portfolio management
  - Valesul

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Southern Africa

- Consecutive records in production
  - Hillside 685kt (FY05)
  - Mozal 551kt (100% basis, FY05)
- Benchmark AP30 performance
- Business improvement
  - All employees
- Bayside Potline A
  - Fully operational
- Capacity creep

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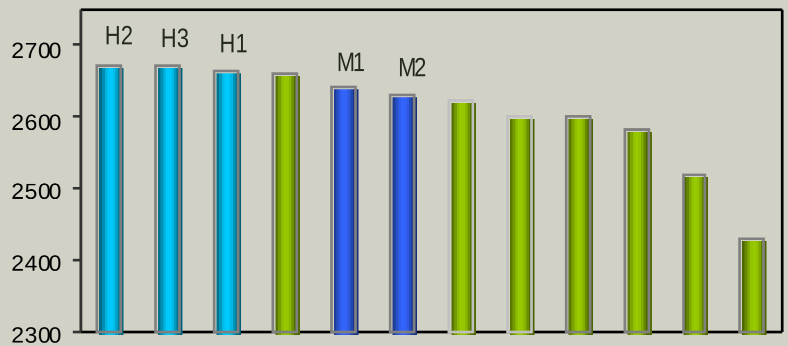
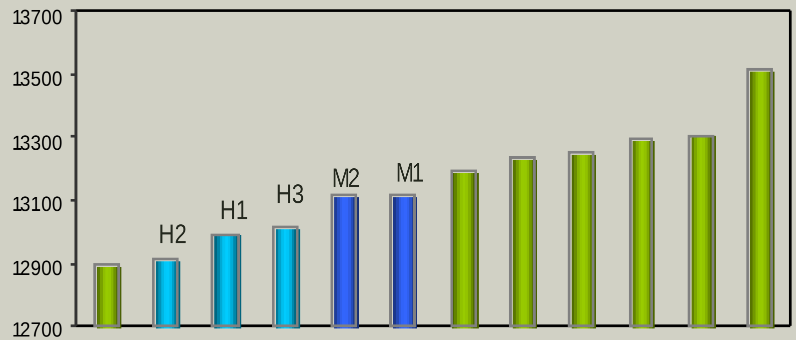
BHP Billiton Smelters – Benchmark Performance

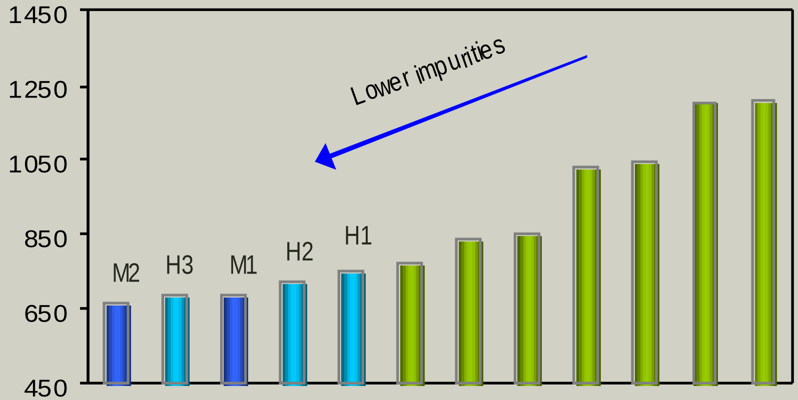
PRODUCTION : Prod / pot/ day (kg)



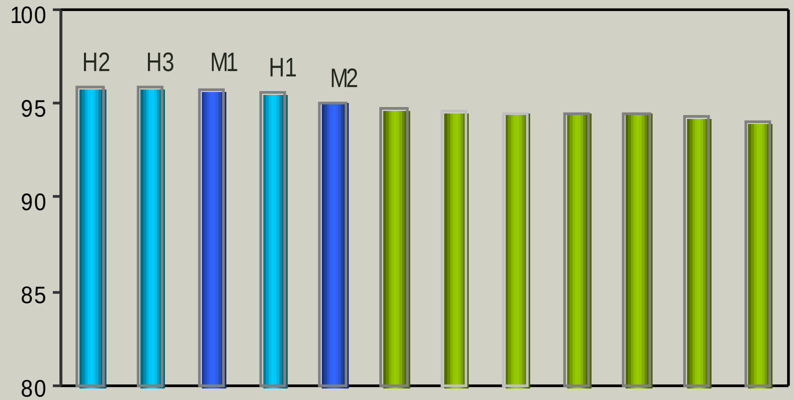
COST : Energy Consumption (KWhr/ton)



QUALITY : Iron Content (ppm Fe)



COST : Current Efficiency (CE%)



Data presented as 6 month averages, from Mar 2005 – Aug 2005

Hillside Mozal

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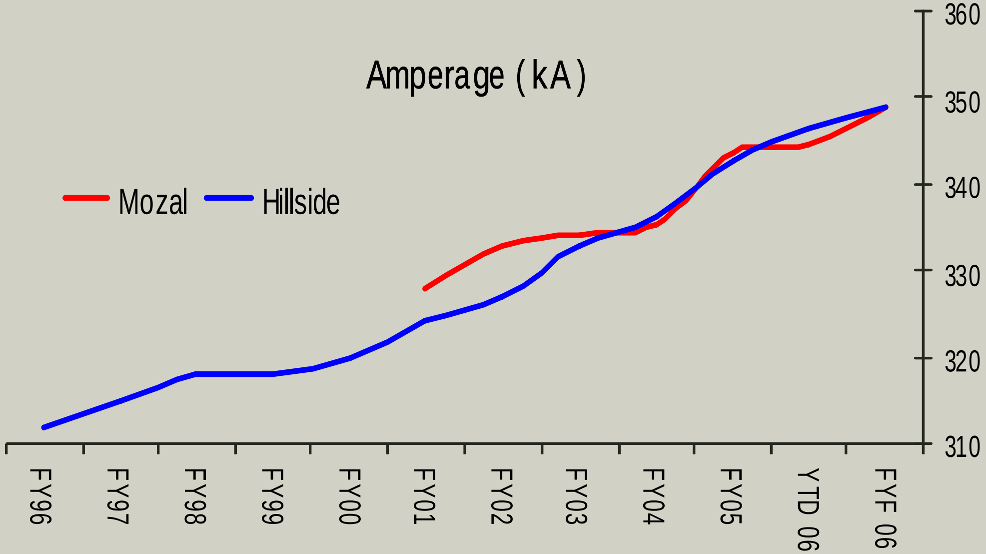
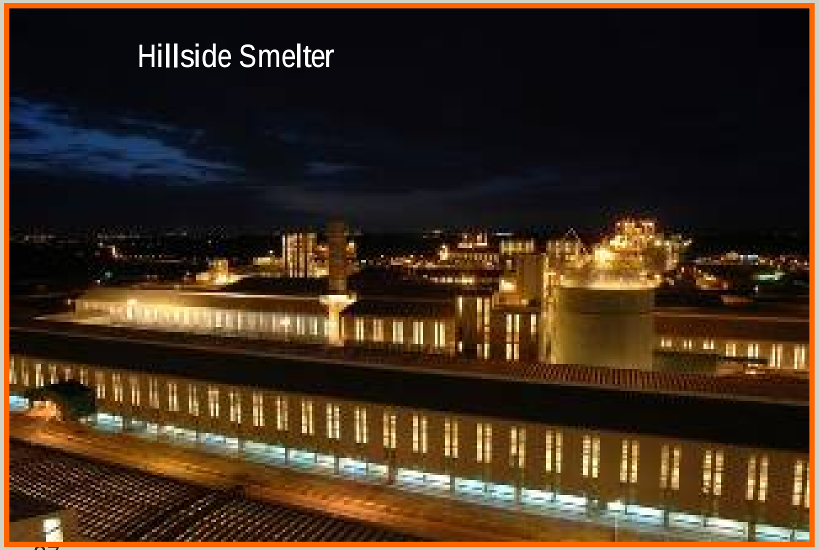
Summary	Alex Vanselow	President Aluminium

Key Messages

- Using technology to create sustainable value
- Technical programs focused on key business drivers
- Business improvement creating culture of excellence

Technical Excellence in Aluminium





- High Amperage
  - Increases metal production
  - Improves capital efficiency
- Raw materials
  - Ensure long term competitiveness
- Environmental performance
  - Consistent improvement
- Technology
  - Continuous availability and improvement

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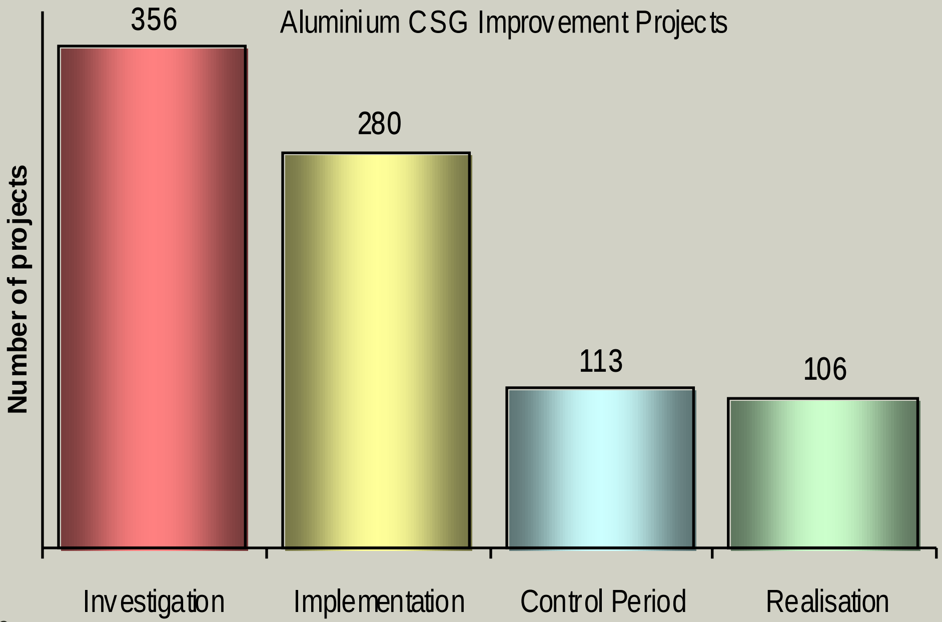
Technical Excellence in Alumina

- Bauxite transport
  - Competitive transportation
  - Increase resource options
- Bauxite upgrading
  - Improve potential resource value
  - Reduce processing costs
- In-plant applications
  - Increase efficiency
  - Improve quality
  - Support projects

Business Improvement

- Measurable benefits
- All employees contributing
- Business Excellence programme
- Technology teams



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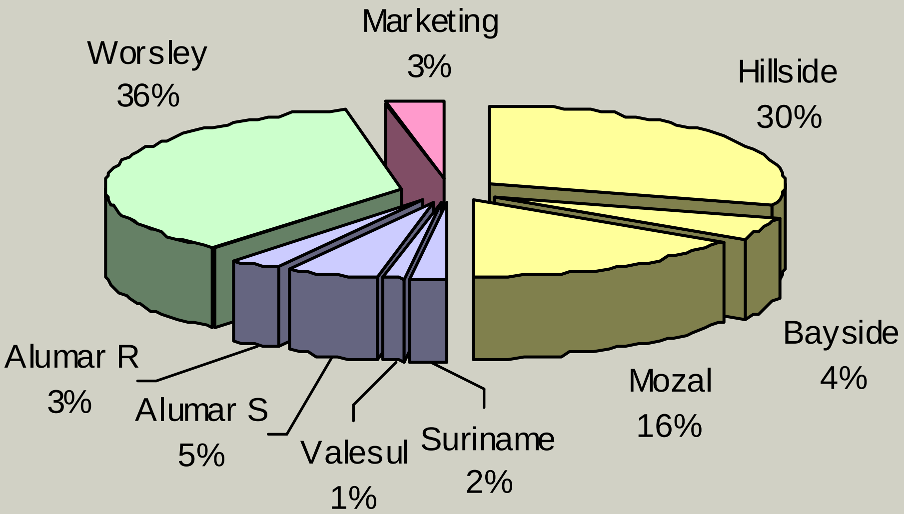
Key Messages

- Financial discipline in operations and growth
- Margins maintained in challenging environment
- Maintaining growth and improving ROC trajectory

Net Operating Assets and EBIT at 30 June 2005

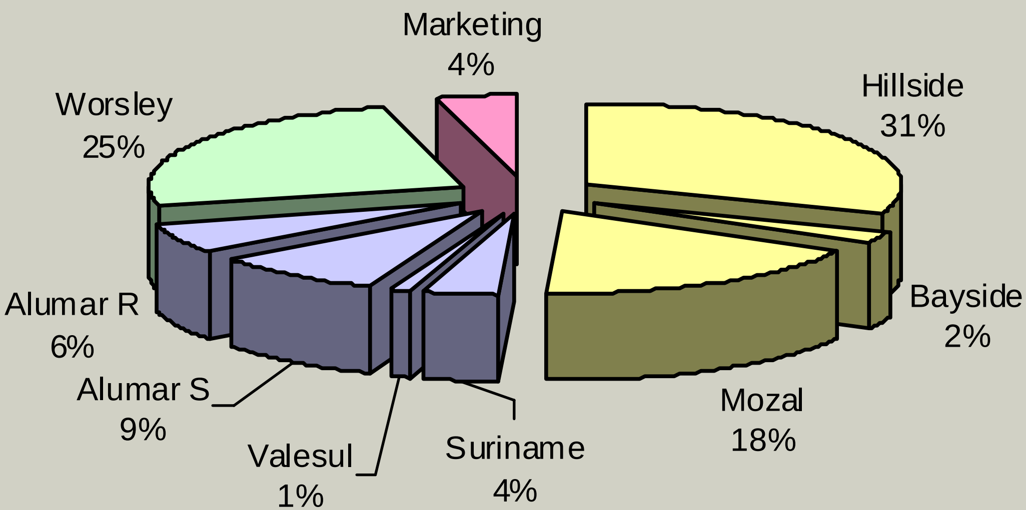


Net Operating Assets

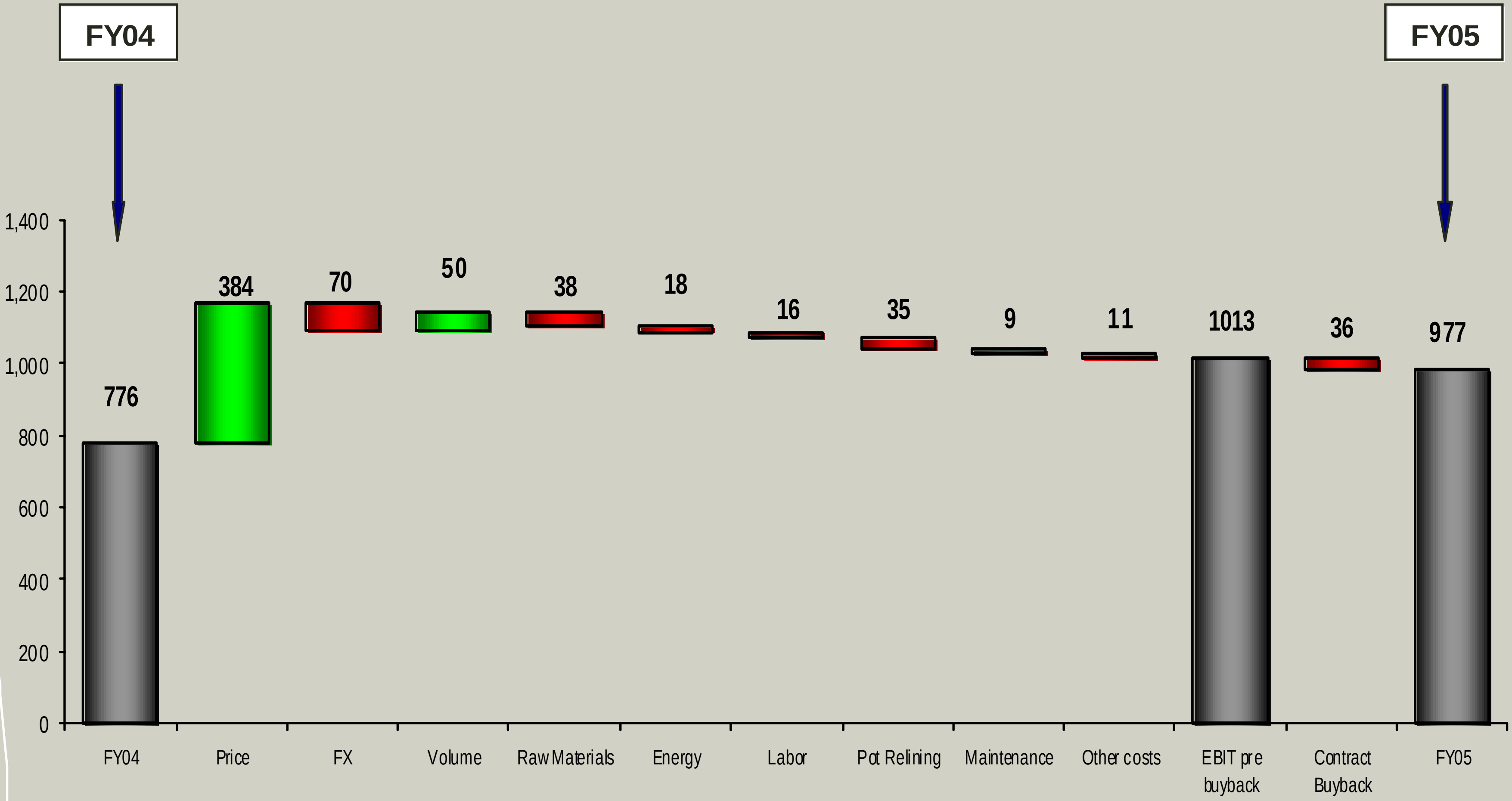
US$5.4 billion

EBIT

US$977 million



EBIT Variance Analysis (US$M)



Price increase net of LME linked costs

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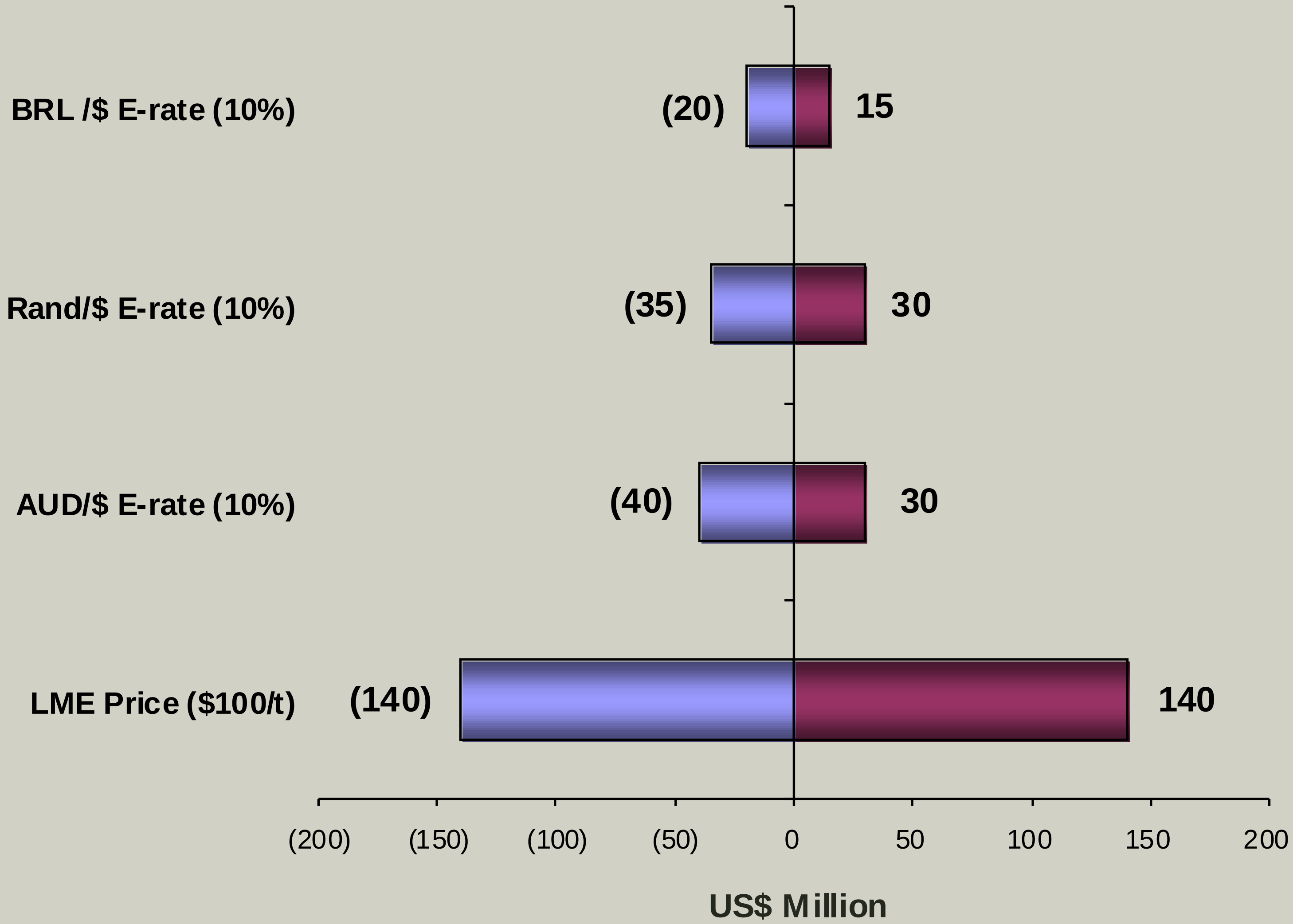
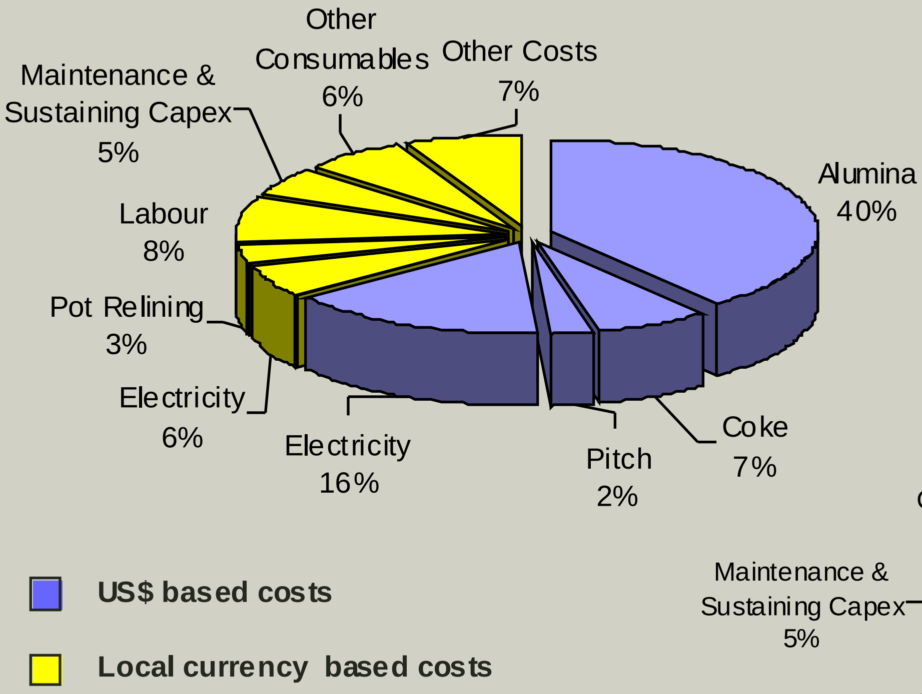
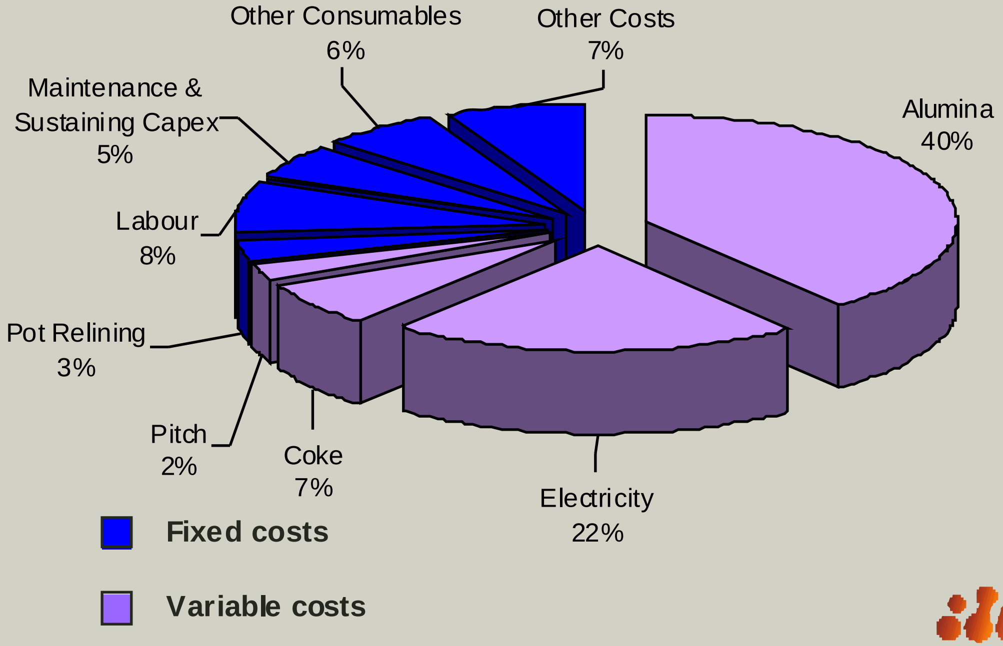
FY06 EBIT Sensitivities

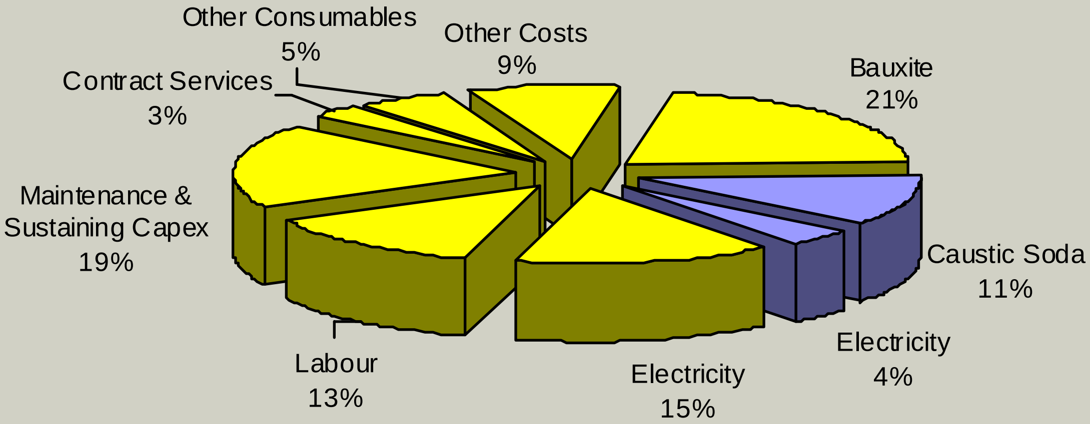


FY05 Metal Cash Costs



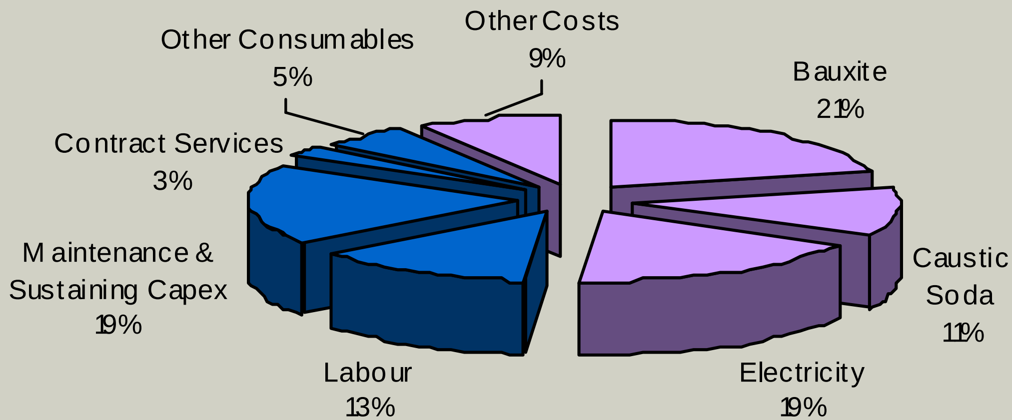


FY05 Alumina Cash Costs



US$ based costs

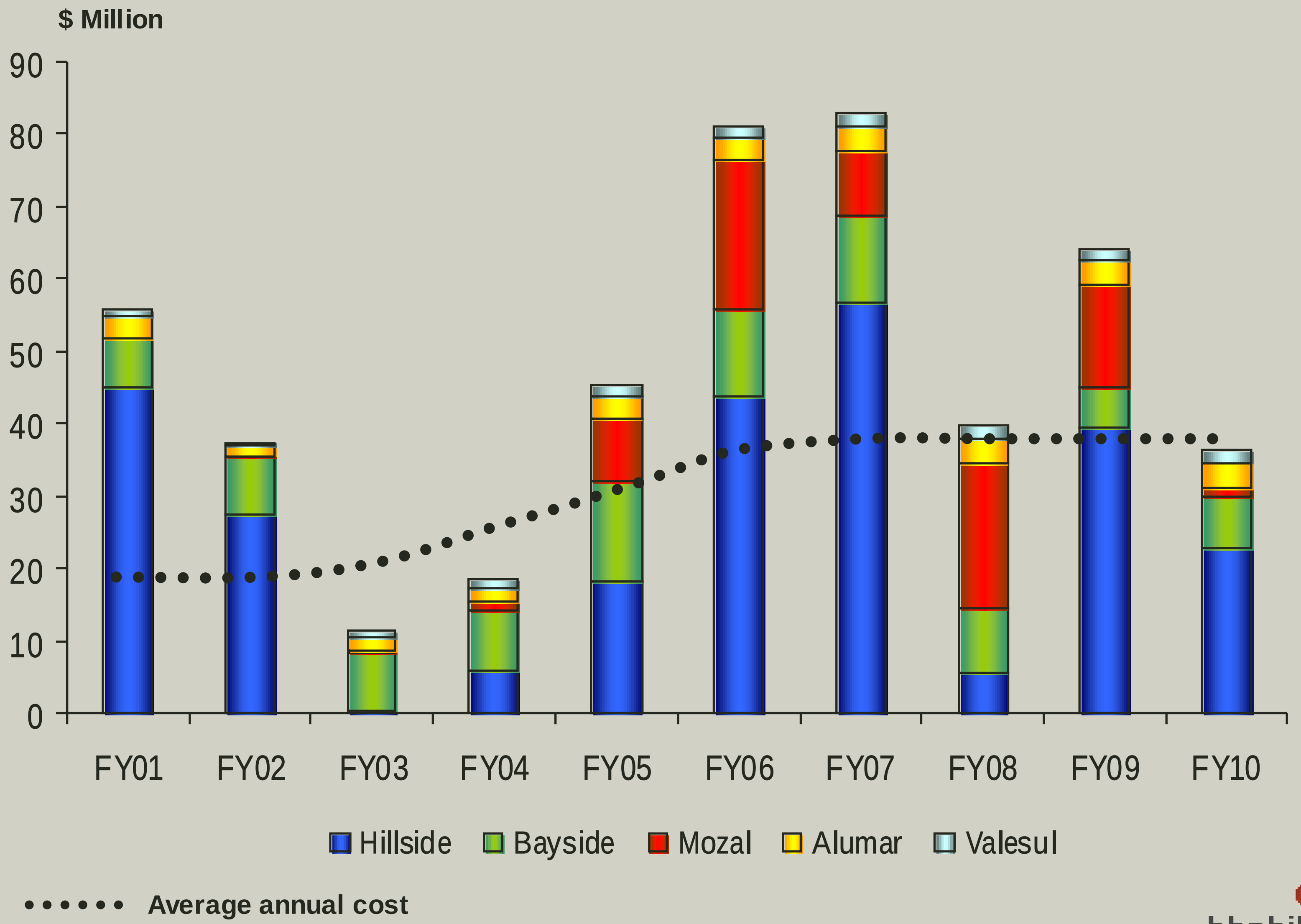
Local currency based costs



Fixed costs

Variable costs

Pot Relining



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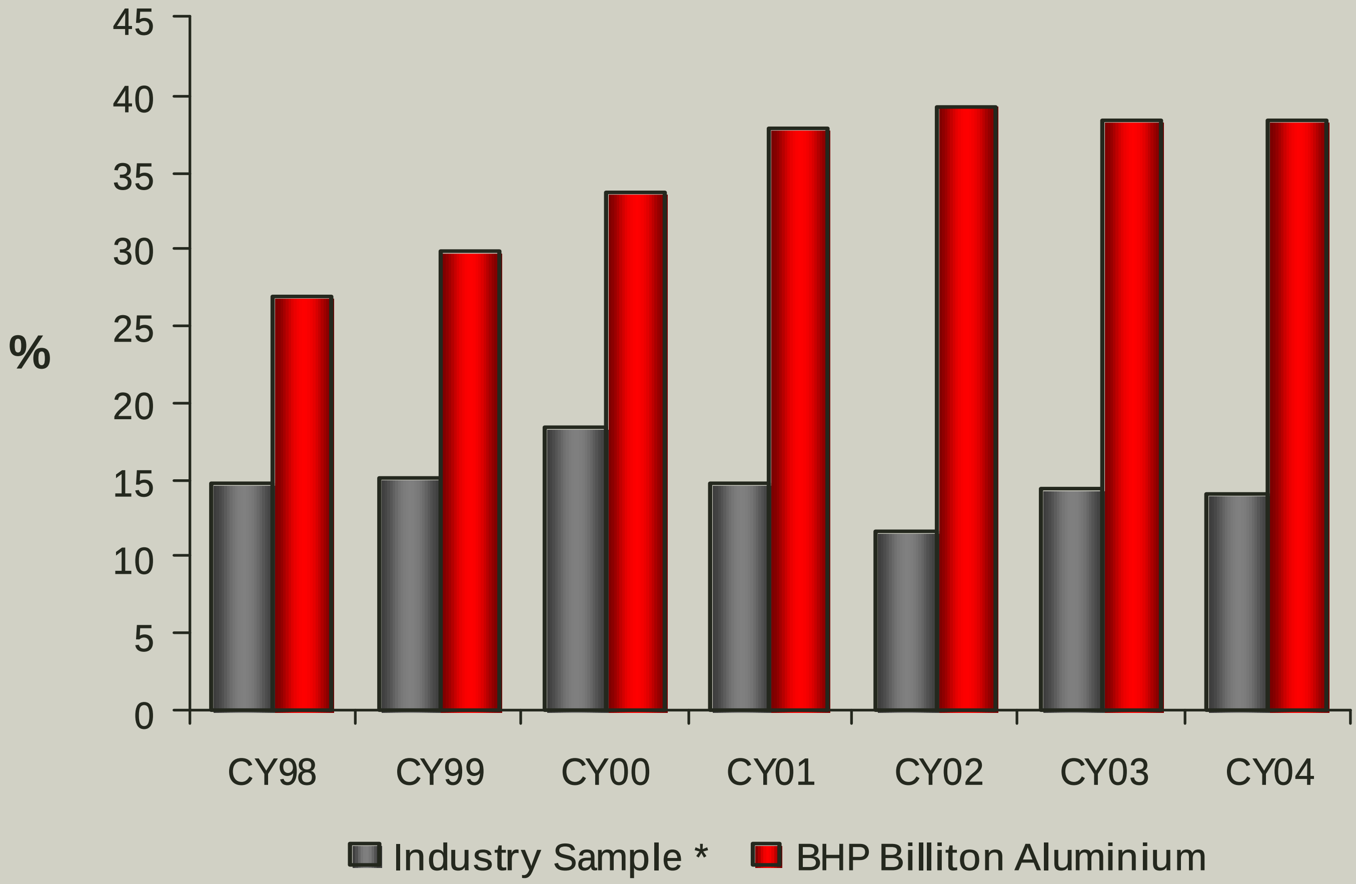
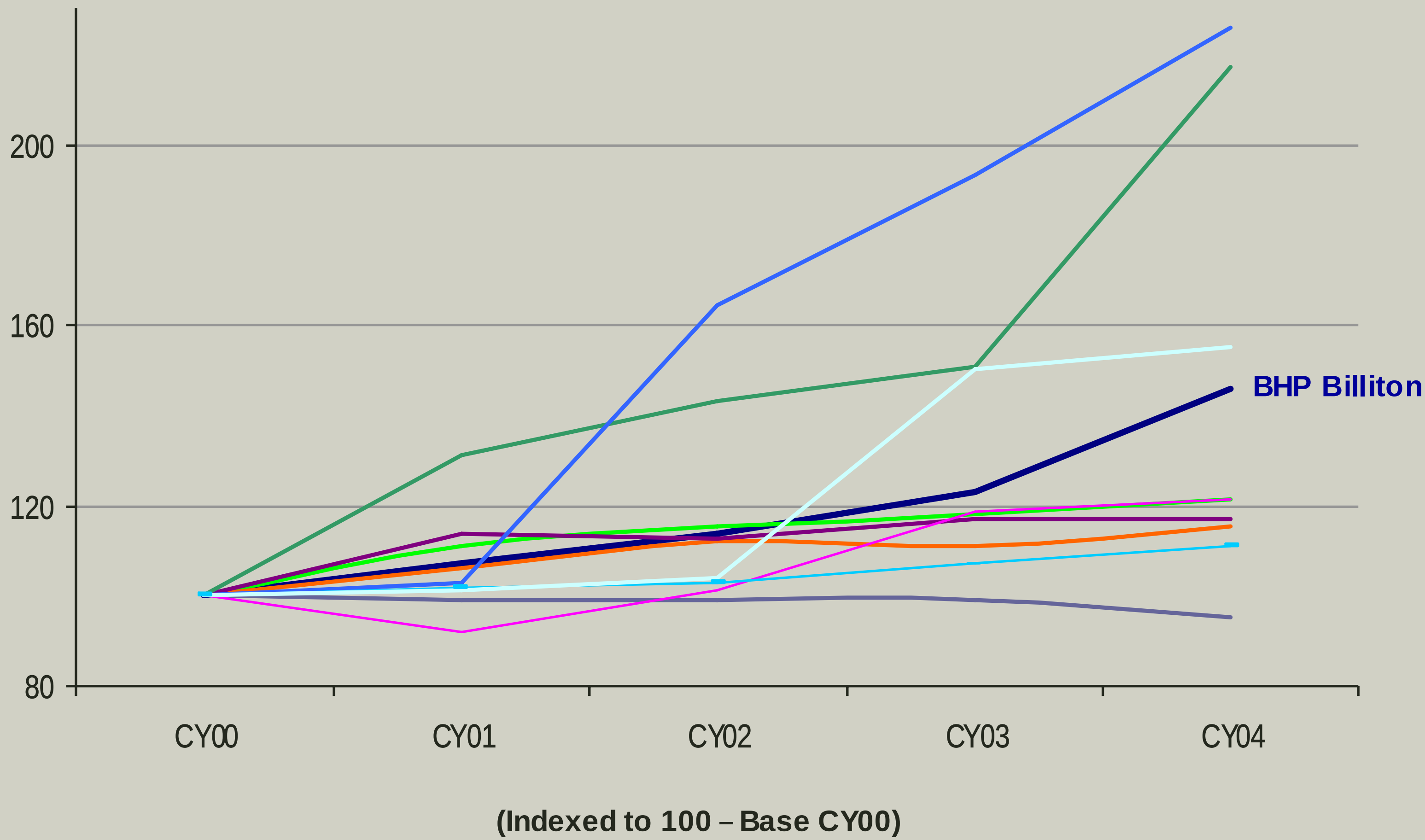
EBITDA Margins



* Industry sample comprises Alcoa, Alcan, Norsk Hydro Aluminium, Rio Tinto Aluminium, Chalco, Century, Pechiney (to 2002), Kaiser (to 2002) and Reynolds (to 2000)

Aluminium Production



Sample of companies include: Rio Tinto Aluminium, Chalco, Alcoa, AWAC, Alcan, CVRD, Norsk Hydro, Rusal, Sual

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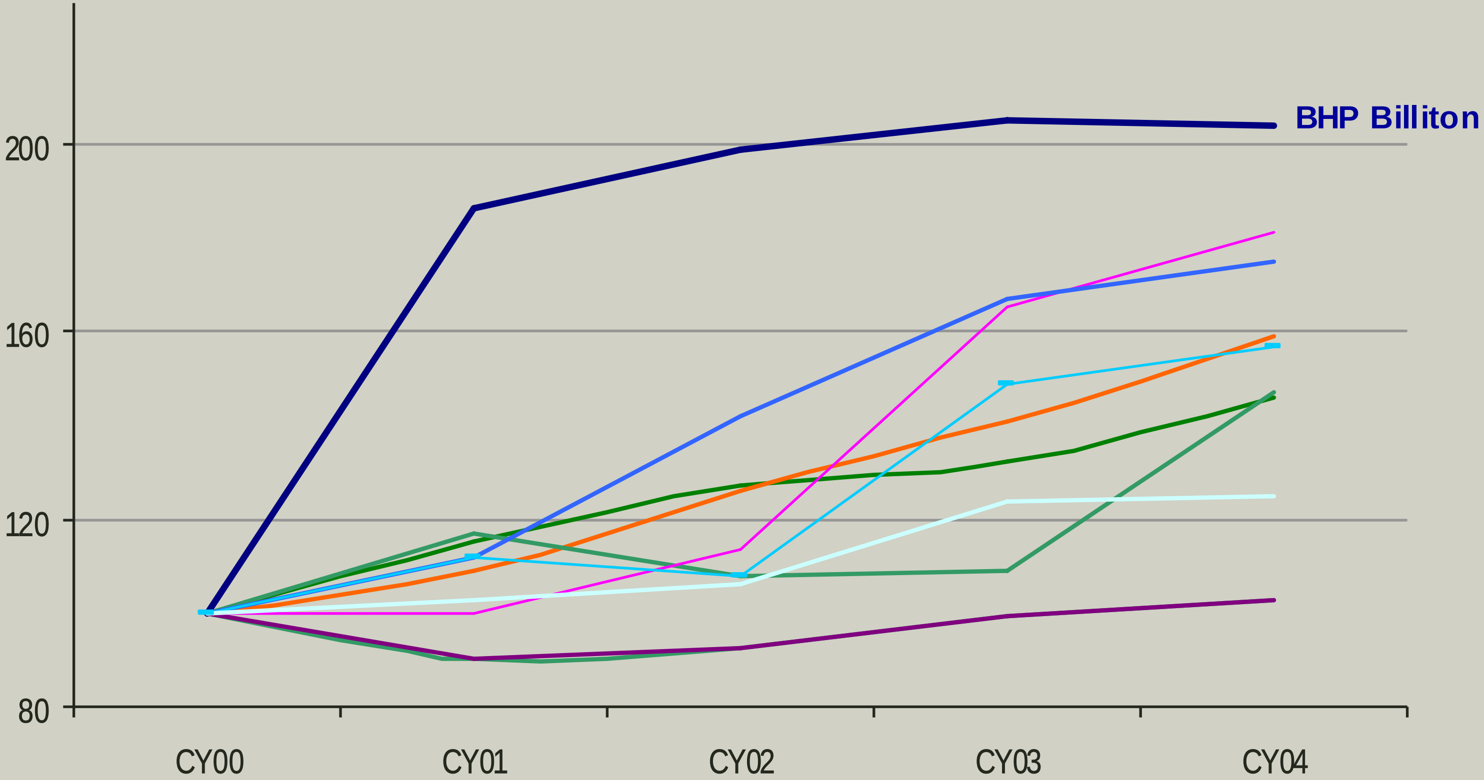
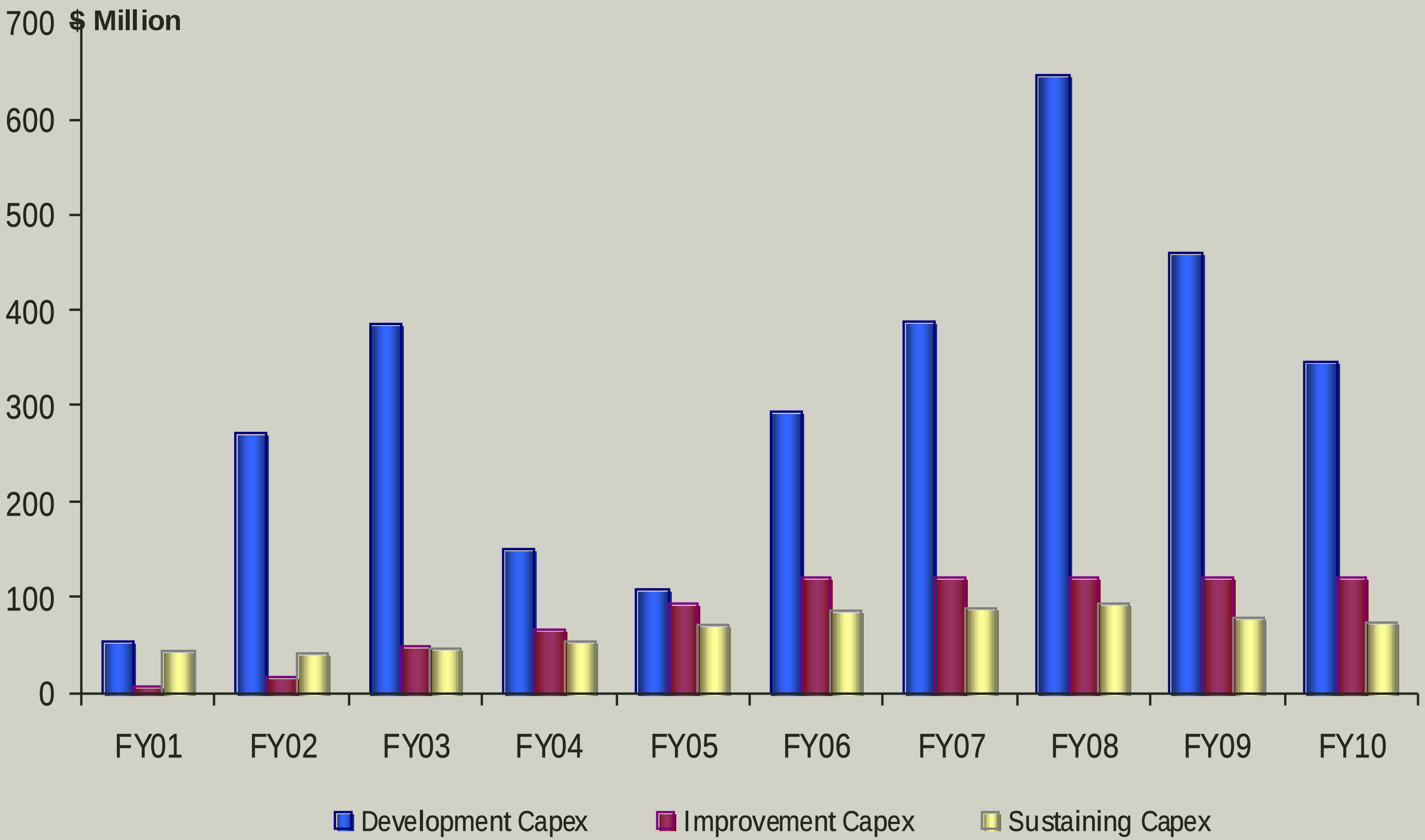
Alumina Production



(Indexed to 100 – Base CY00)

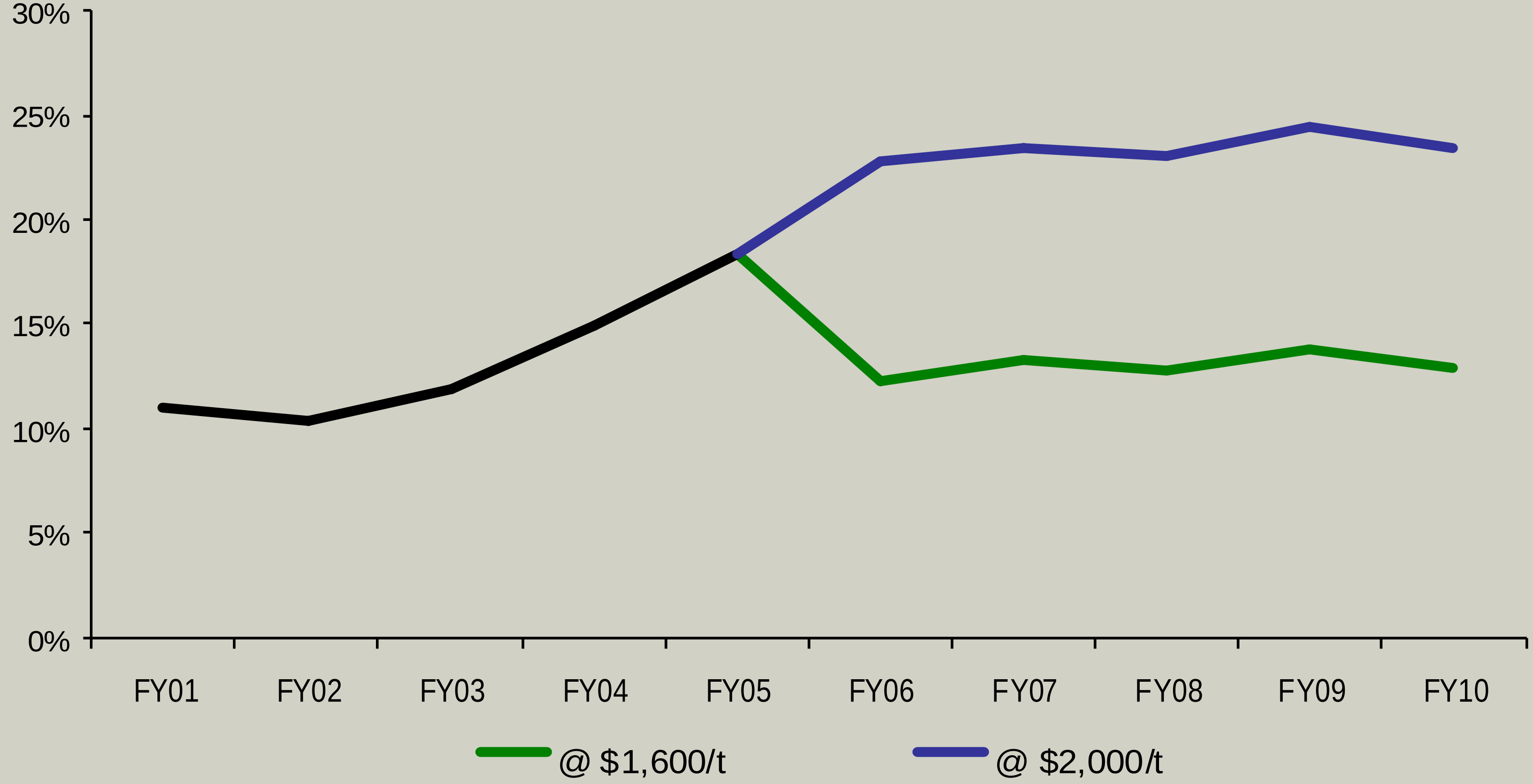
Sample of companies include: Rio Tinto Aluminium, Chalco, Alcoa, AWAC, Alcan, CVRD, Norsk Hydro, Rusal, Sual

Capital Expenditure



FY01 excludes the acquisition of 56% of Worsley for $1.5bn. Development capital expenditure includes unapproved brownfield projects at Worsley, Alumar Refinery, Suriname Mine and Mozal.

EBIT ROC – Actual Results and Future Scenarios



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- Portfolio of quality operations and people
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