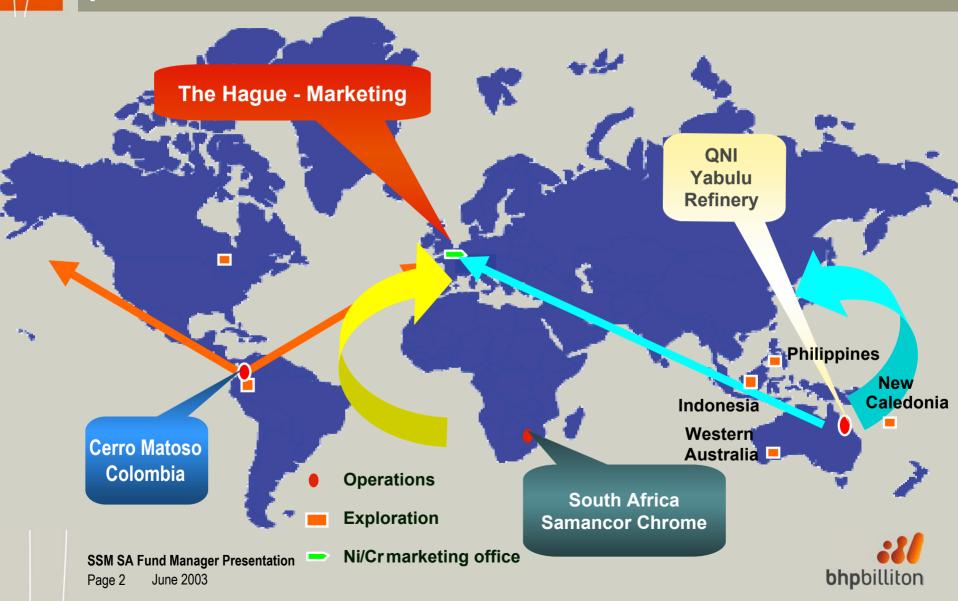
Stainless Steel Materials

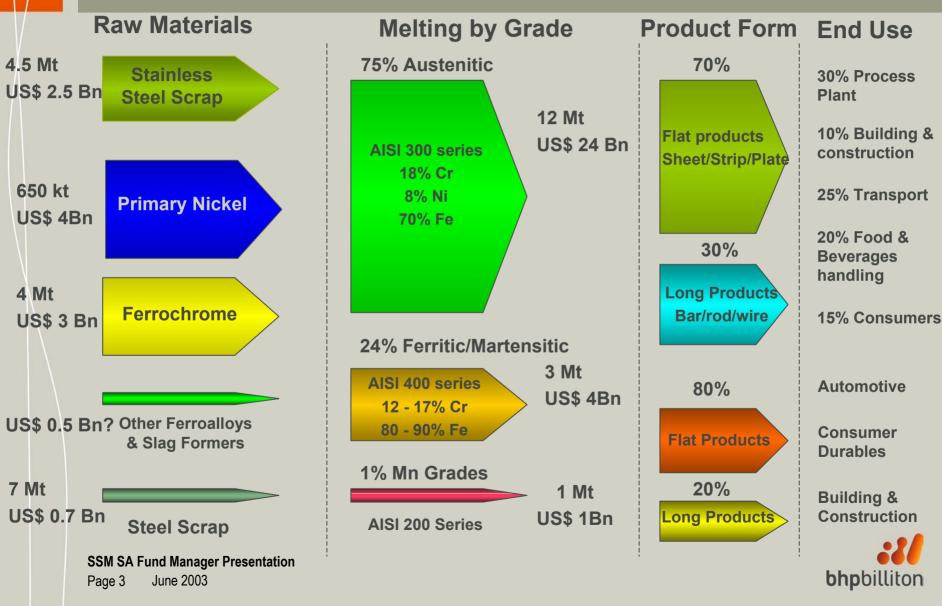
South African Fund Manager Presentation : June 2003 Dr Chris Pointon – President, Stainless Steel Materials Customer Sector Group



SSM already has a established production and marketing presence

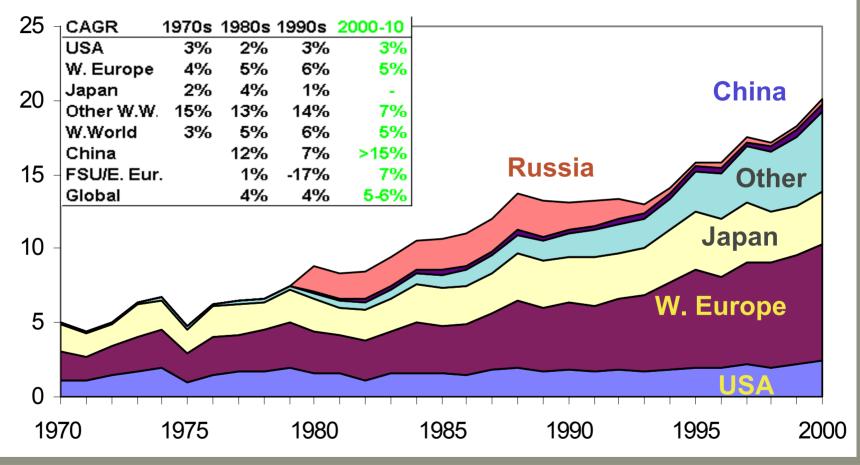


Stainless Steel Value Chain



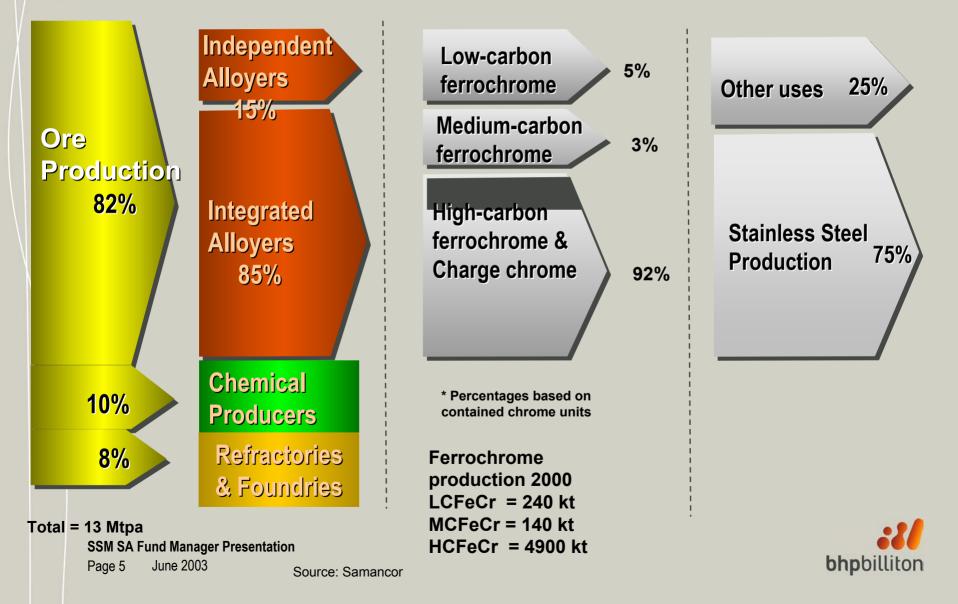
Stainless Steel is the fastest growing major use of metals, and will continue to grow strongly

Stainless Slab Production – million tonnes

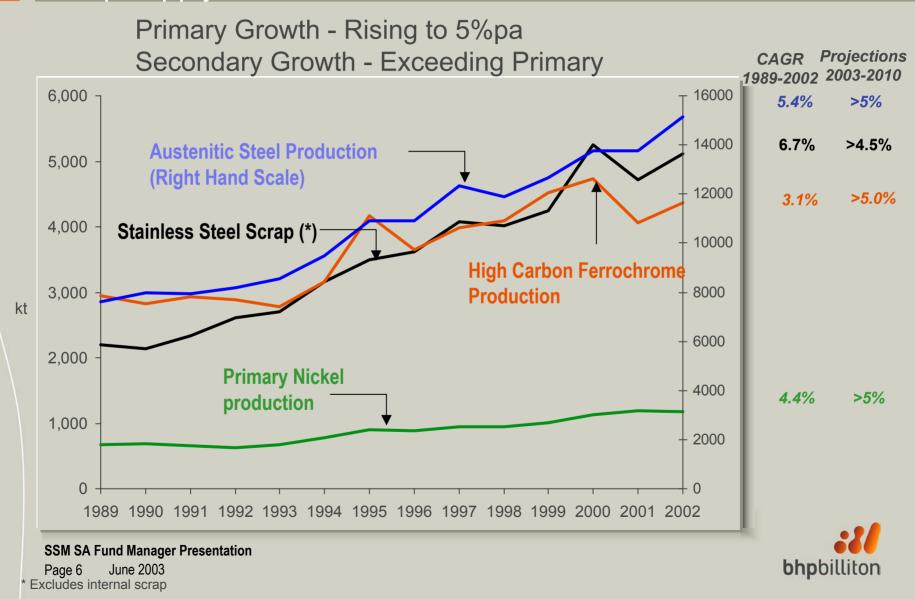




Chrome Value Chain – >80% of ore converted to FeCr, and 75% of FeCr used in stainless steels

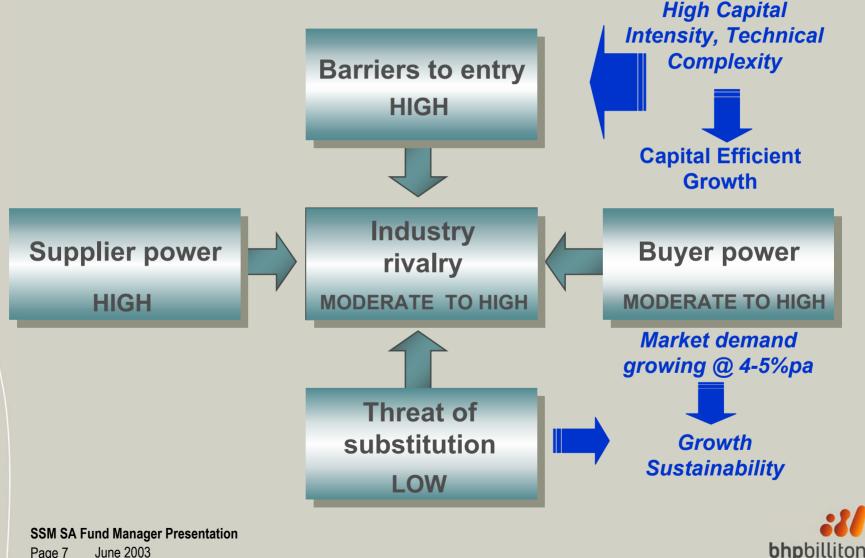


Austenitic Stainless has maintained a strong growth trend. Primary Ni and FeCr inputs will grow proportionately faster as scrap supply is constrained

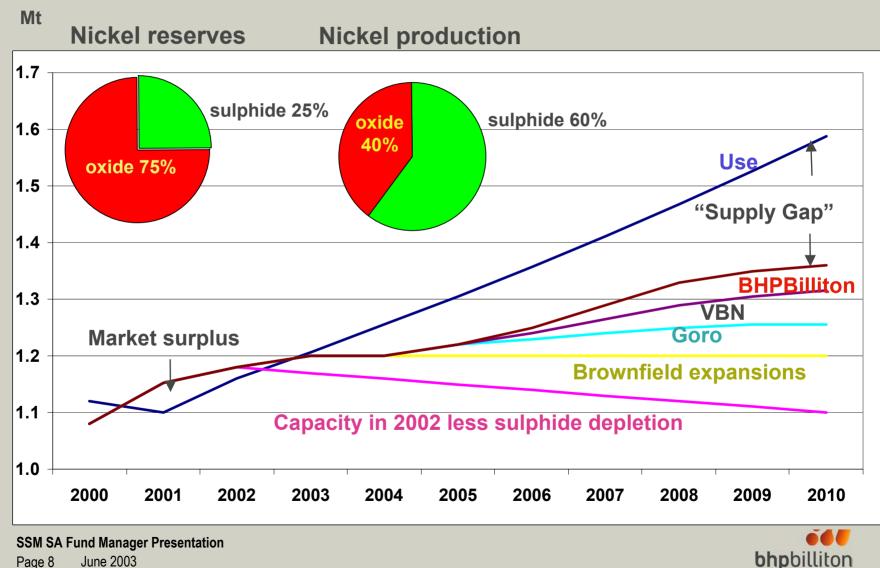


Note:

The primary nickel supply business has high financial and technical barriers to entry



Page 7 June 2003 A primary nickel supply gap is set to emerge over the present decade. Only three major projects at Feasibility. Lead times for new projects are 7-10 years. The majority of current production is from sulphide mines, but most new nickel projects will be from laterite ores.

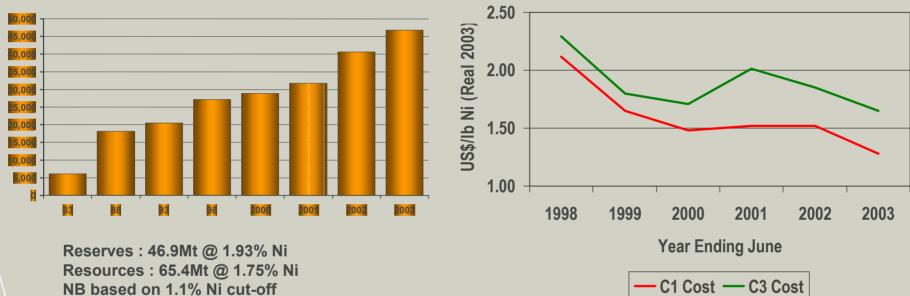


Page 8 June 2003

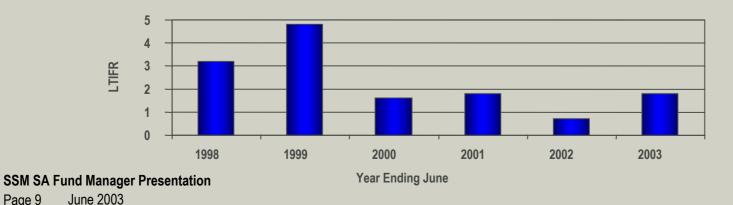
Cerro Matoso Project – Colombia – 99.8% Ownership

Production History

Page 9



Lost Time Injury Frequency Rate



bhpbilliton

The QNI strategy

Stabilise Yabulu operation

- Zero harm
- Catch-up maintenance.
- Commence installation of modern management practices.

Utilities due for completion in FY04

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Optimise Yabulu margins

- Incremental value-added product development.
- Incremental Ni and Co production increases:
 - •YOI quick payback project suite
 - •LGSO strategy
- Cost reduction initiatives:
 Small group projects
 - •Capitalise on gas at Yabulu site
 - •Best management practices, particularly Maintenance
- Establish own mine for up to one third of ore supply.

In Progress

Ore processing plants at world class orebodies with expansion of refinery part of Yabulu

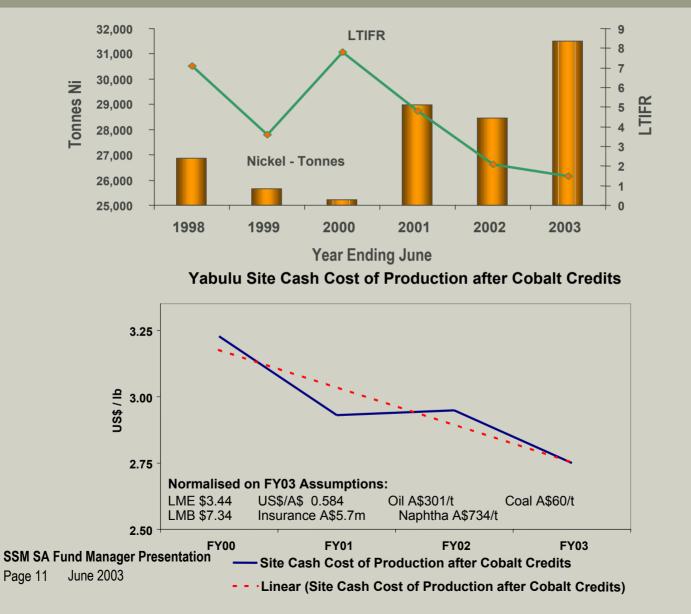
Phase I:

Concurrently develop Ravensthorpe and Yabulu Extension Projects.

• Phase II: Develop 2nd Ore Processing project at suitable orebody with no further expansion of Yabulu



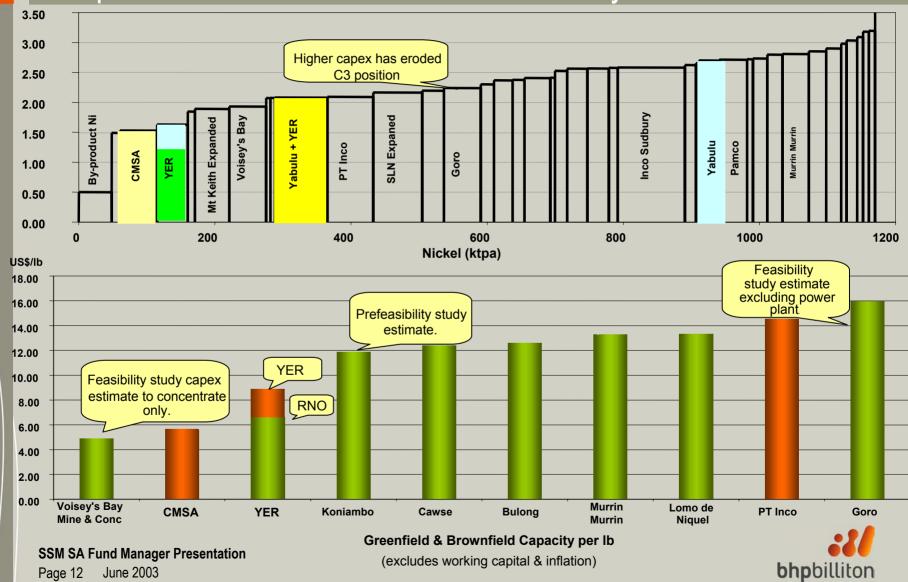
QNI Yabulu – Australia - 100% Ownership



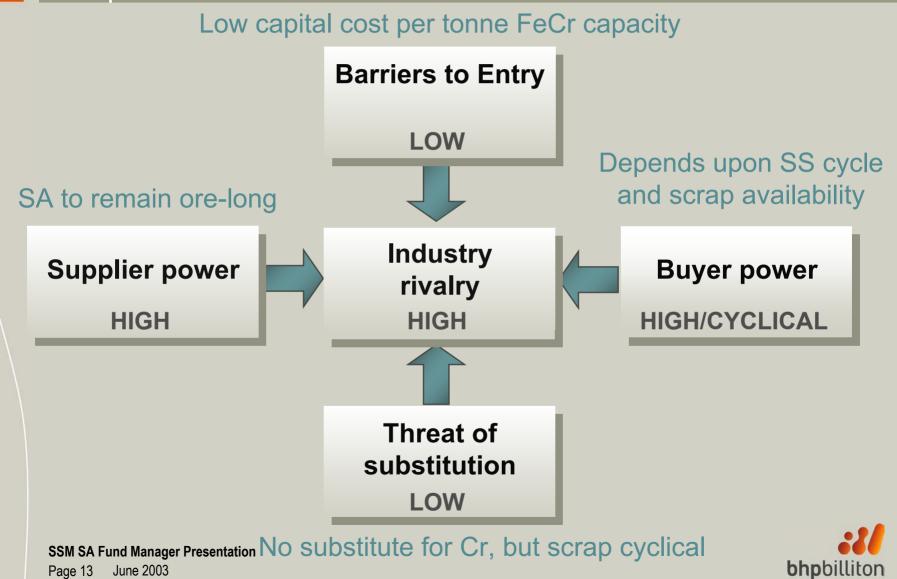


YER nickel project benchmarks well and enhances the competitiveness of Yabulu Central Refinery

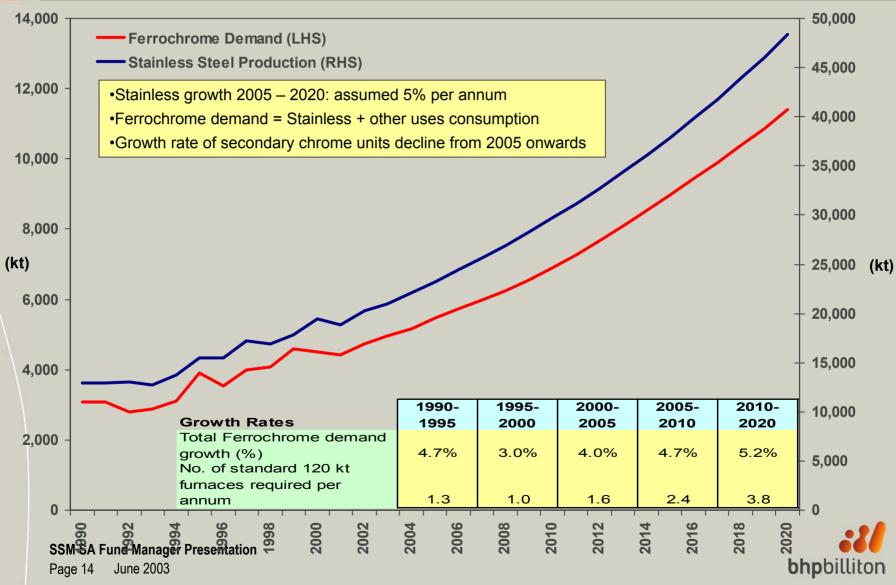
JS\$/Ib (C3 Costs 2005)



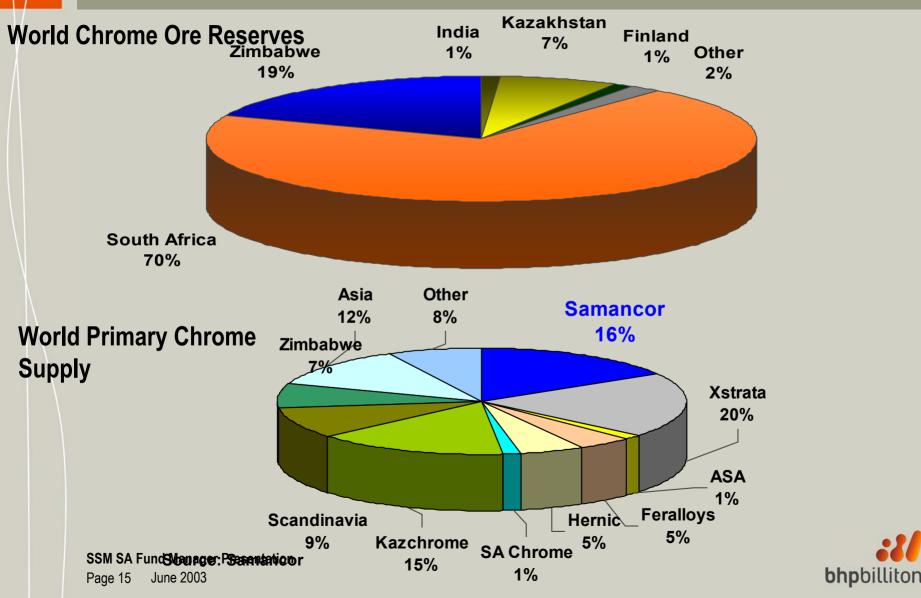
The FeCr industry has high internal rivalry, low barriers to entry, but growth is strong and there is no substitute, except for scrap



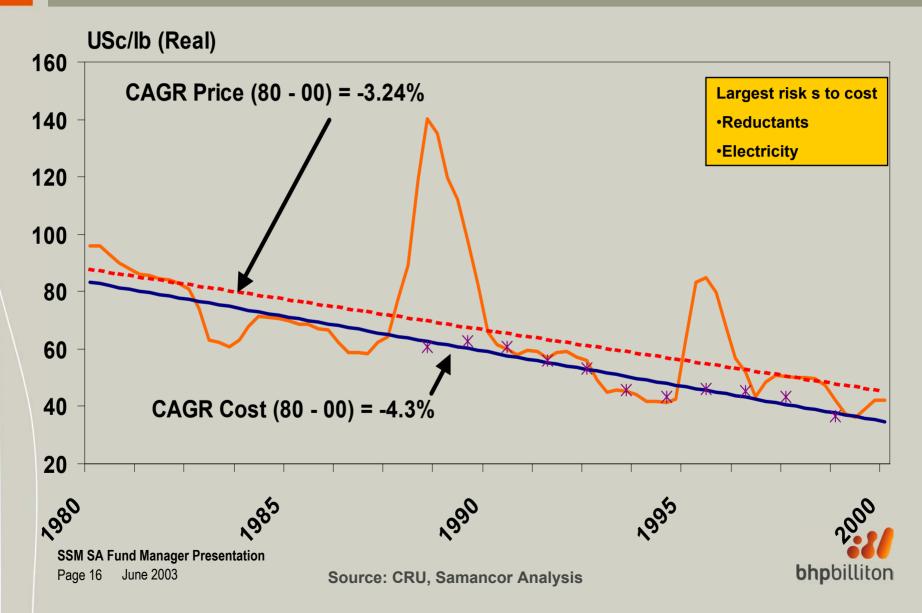
Ferrochrome demand growth outlook is robust – supply side is thus the issue



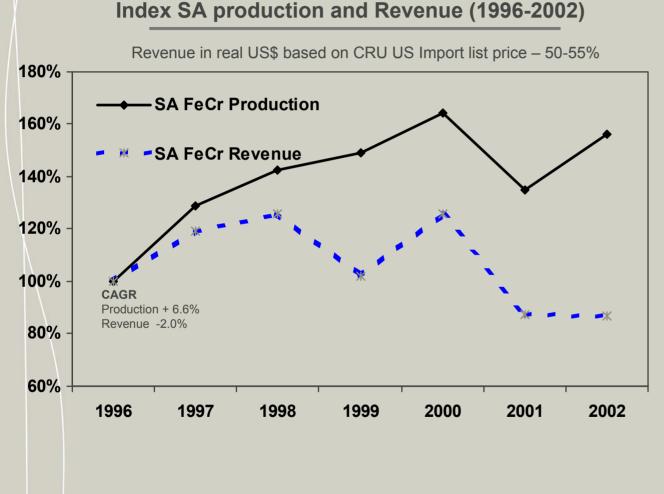
South Africa dominates the primary FeCr sector and will have the major share of future expansions



Ferrochrome falling price trend is a continuing challenge to the industry



South Africa has failed to create industry discipline for FeCr growth, and has exported most of the value of its dominant supplier position



SA Accounted for the 100% of net increase in FeCr world capacity since 1995 (1.53Mt)

- ♦Xstrata 620 kt
- ✤ Hernic 260 kt new entrant
- SA Chrome 230 kt new entran
- ✤ Assmang 200 kt
- Samancor 160 kt
- ASA 60 kt new entrant
- □ SA has been the price setter in the industry in the past 7 years
- But the total revenue to SA industry declined in real terms since 1996



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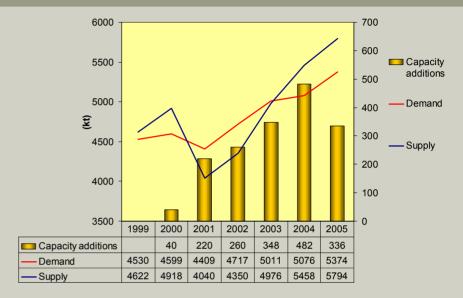
BEE and the Ferrochrome business

- The historic trend in SA capacity growth will continue. Entry barriers will be lower, as producers will not be able to retain unutilised resources.
- However, costs will rise Rand, reductant costs, increased electricity prices, social obligations for South African producers.
- Will HDSA participation in FeCr Smelters be profitable?

Hence HSDA business focus will likely center on:

- Procurement
- Mining and ore preparation
- Community development
- New smelting where there is a genuine low cost position

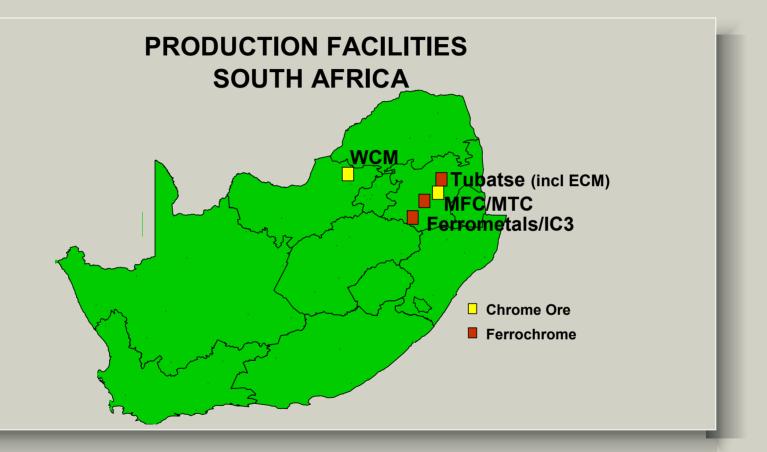








Samancor Chrome (60% Ownership) : a Turnaround Asset



Reserves : 40Mt @ 42.4% Cr Resources : 570Mt @ 43.3% Cr NB based on 38% Cr cut-off

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Restructuring of Chrome Division by a 3 Horizon Strategy

Manufacturing mindset to reposition chrome at the bottom of the cost curve

- Zero harm
- People lynchpin everything.
- Eliminate waste.
- ETG, furnace and mine stability, Procurement & contractor management, maintenance, GSAP&MES, Six Sigma.
- Site specific cost reductions.

Optimise value chain through prudent investment

- •Understand future customer requirements.
- •Implementing high IRR capacity creep projects at the works.
- •Rationalise the mines with the value chain as the driver.

Reposition in Future Industry Context

- •Understand emerging industry dynamics.
- •Understand SA Government approach to FeCr industry.
- •Understand new product
- requirements in advance of the rest of the producers by working with customers.

bhpbilli

Increasing business maturity Improving market / production interface

Variable cost drivers + results against benchmark show positive trends.

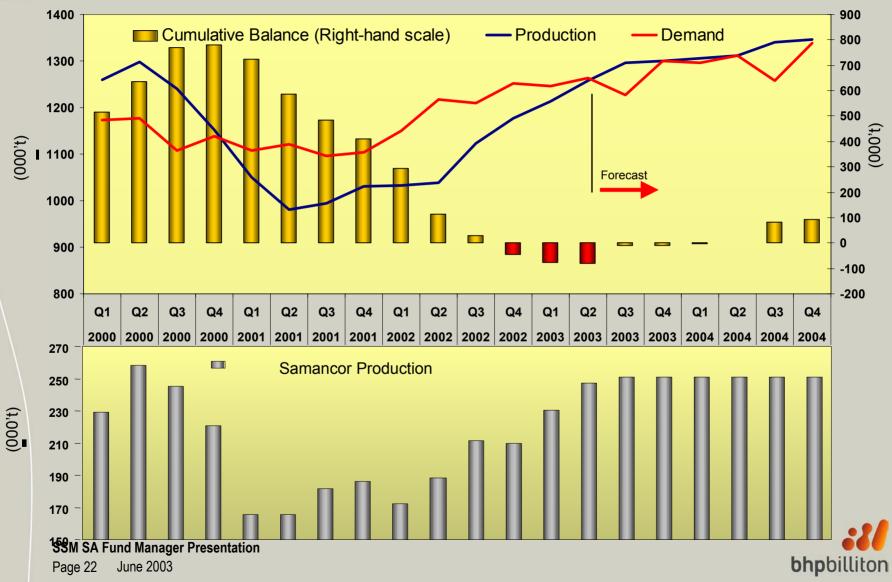
Cost Driver	FY00	FY01	FY02	FY03
SEC (k/Wh/ton)	3.98	4.08	3.79	3.90
Ore (t/t)	2.43	2.58	2.54	2.49
Reductant (t/t)	0.64	0.65	0.63	0.64
Cr Recovery (%)	79.24	72.23	74.1	76.51
Cr content (%)	51.3	51.1	50.9	50.9

Smelter Cost (R/t Real 2000) 1700 1600 1500 1400 1300 **FY00 FY01 FY02 FY03 SSM SA Fund Manager Presentation** Samancor - - Benchmark June 2003

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Supply and demand balance – Samancor production



Conclusion

- Stainless steel the highest growth major use of metals provides a strong market for primary FeCr and Nickel
- A looming nickel supply gap is becoming apparent, a result of high entry barriers and inadequate returns on capital in 1990s
- SA will provide new FeCr capacity to meet the strong, but volatile, demand growth
- Uncontrolled FeCr capacity growth in SA has led, and may continue to lead, to significant value transfer to overseas customers.
- For Samancor Chrome, cost-efficiency is key, as input costs in SA are likely to increase
- BHP Billiton is a mature nickel producer, customer-focused with options for further capital-efficient growth

