

PROJECT RISKS & RETURNS

CRU Aluminium Conference
New York City 13th – 15th June 2004

Philip Galloway

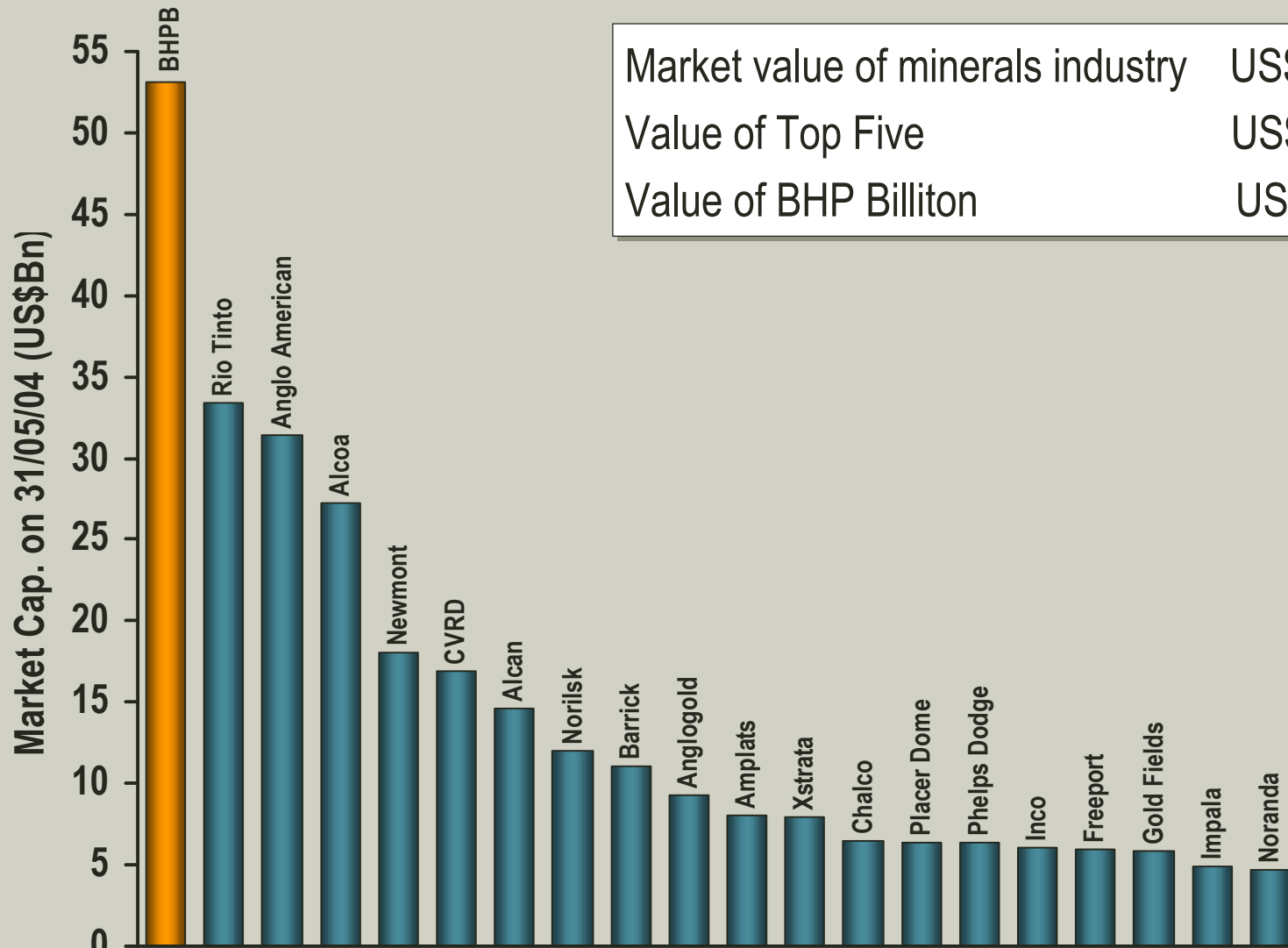
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The largest company in a consolidating sector

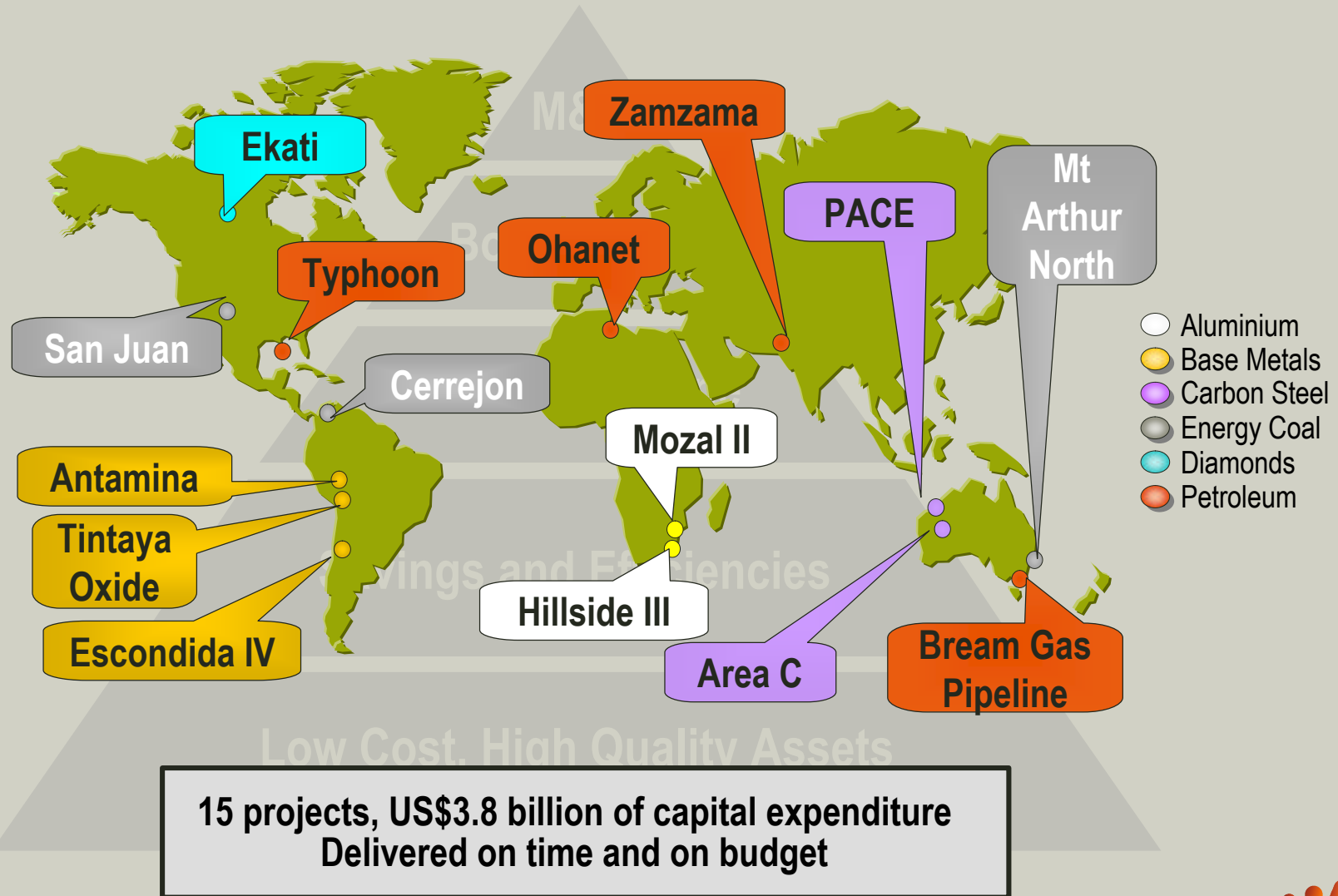


Market value of minerals industry	US\$387 bn
Value of Top Five	US\$163 bn
Value of BHP Billiton	US\$ 53 bn

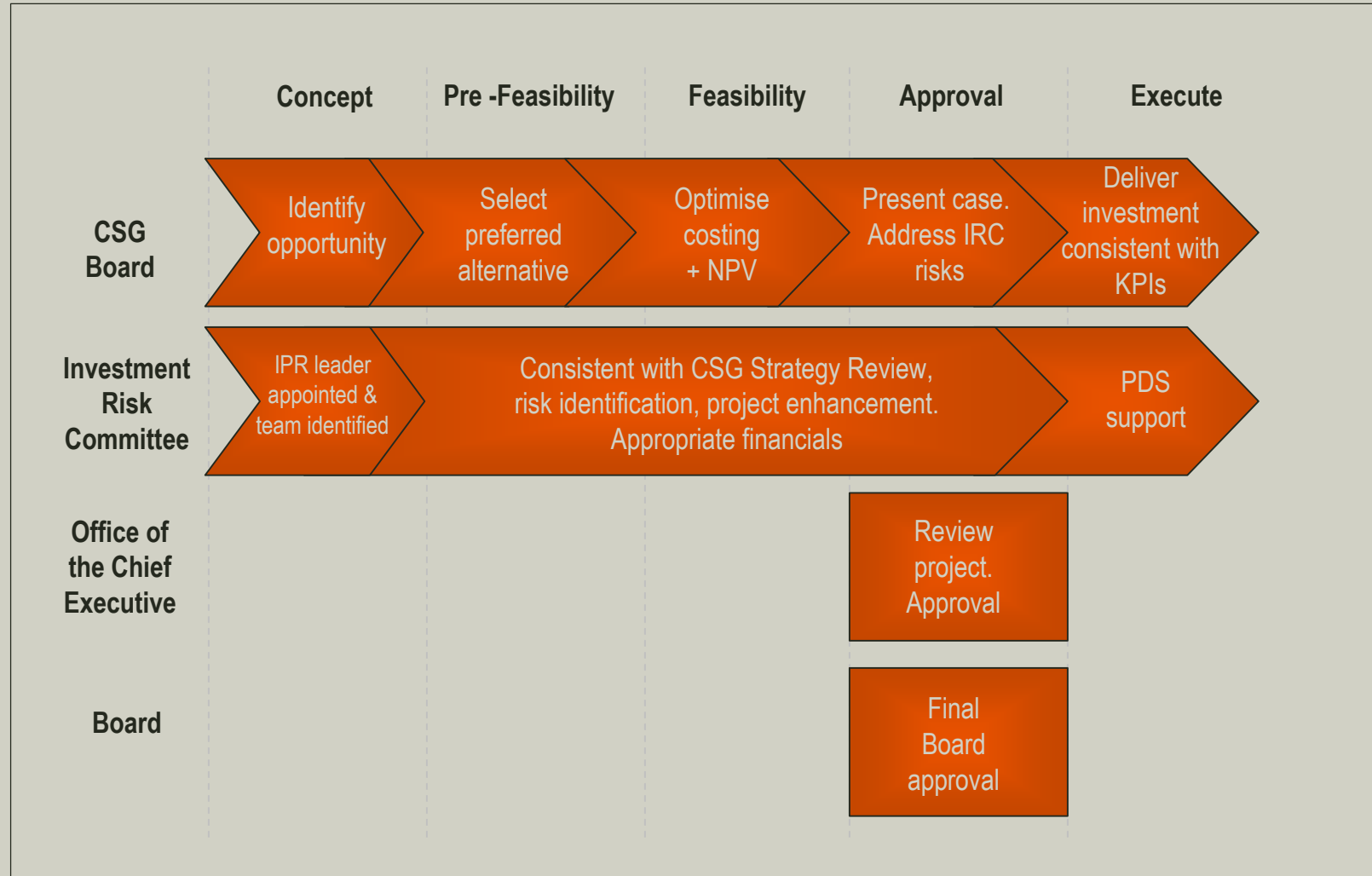
Source: Datastream

Reinvested for growth

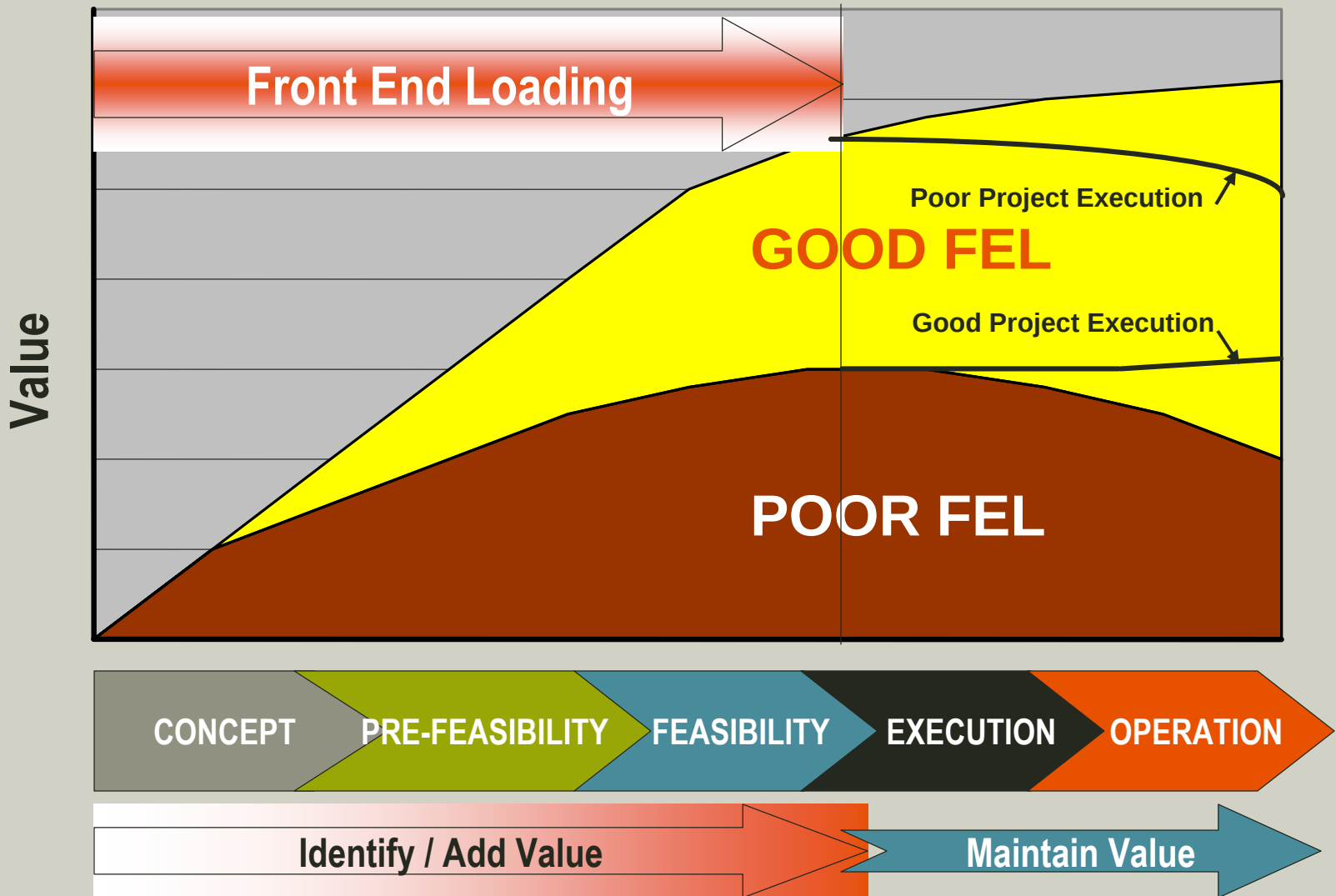
Growth projects delivered since July 2001



Project appraisal process



The Value of Front End Loading



Aluminium Industry Scenarios

China Scenario 1 – lower metal demand

Metal demand slows

LME prices fall

“Rest of world” smelters under pressure

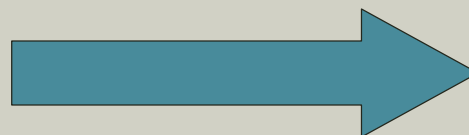


**What can
smelters
afford to pay
for alumina?**

China Scenario 2 – lower metal supply

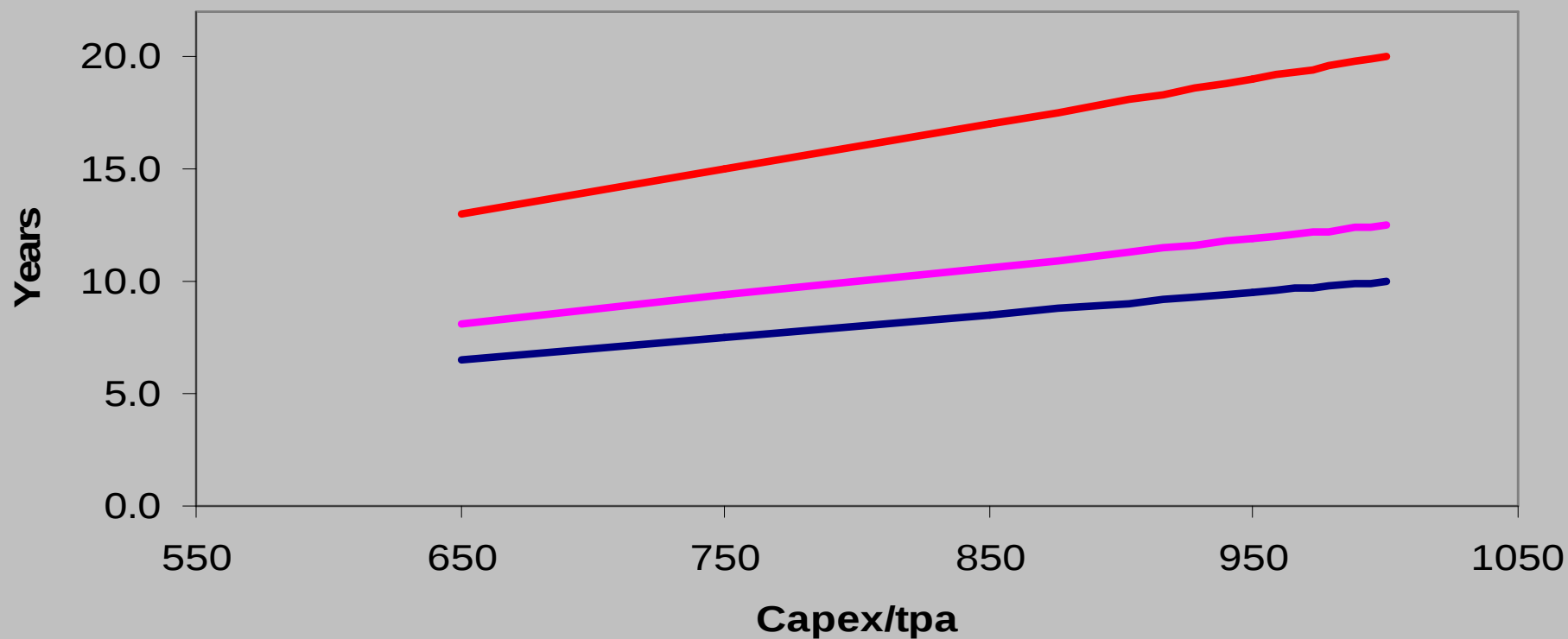
Alumina demand slows

China smelting drops: policy, environment, power



**Cost of
Alumina
production**

Alumina Refinery - Payback



- Payback @ cashcost \$100/t (Years)
- Payback @ cashcost \$120/t (Years)
- Payback @ cashcost \$150/t (Years)

Chinese Smelter + Diaspore Refinery vs. Mozal-Worsley Economics

