Can Chilean Copper Maintain Its World Market Share?

Diego Hernández President Base Metals-BHP Billiton

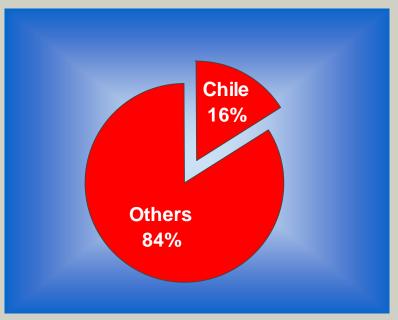
CRU 4th. World Copper Conference



Chilean and World Mine Copper Production

1985





Chile 16%	
	Othe 63
thers	63
84%	

Chile 37% Others 63%

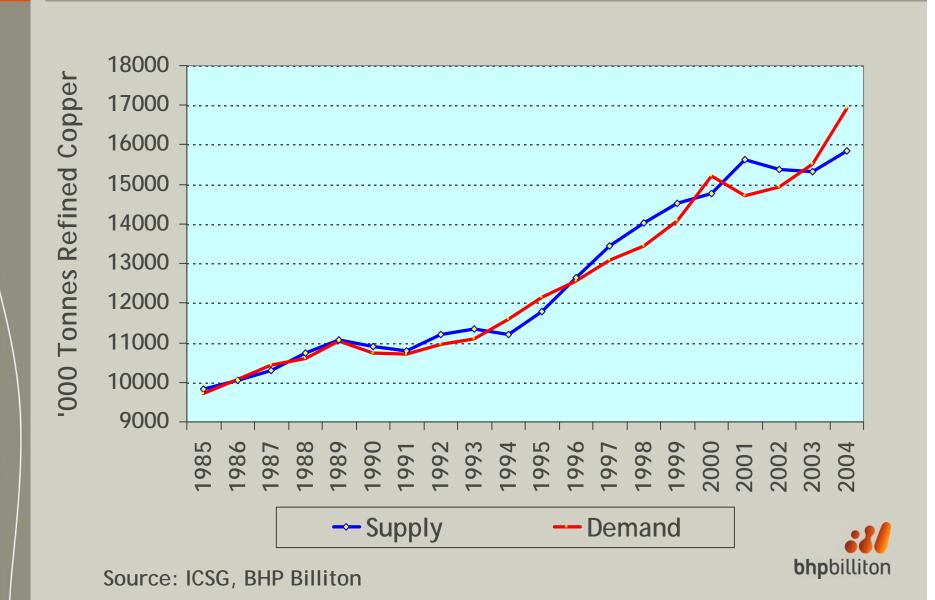
Chile	1,359,800 Ton Cu
Others	6,927,700 Ton Cu
Total World	8,287,500 Ton Cu

Chile 5,412,500 Ton Cu **Others** 9,109,300 Ton Cu Total World 14,521,800 Ton Cu

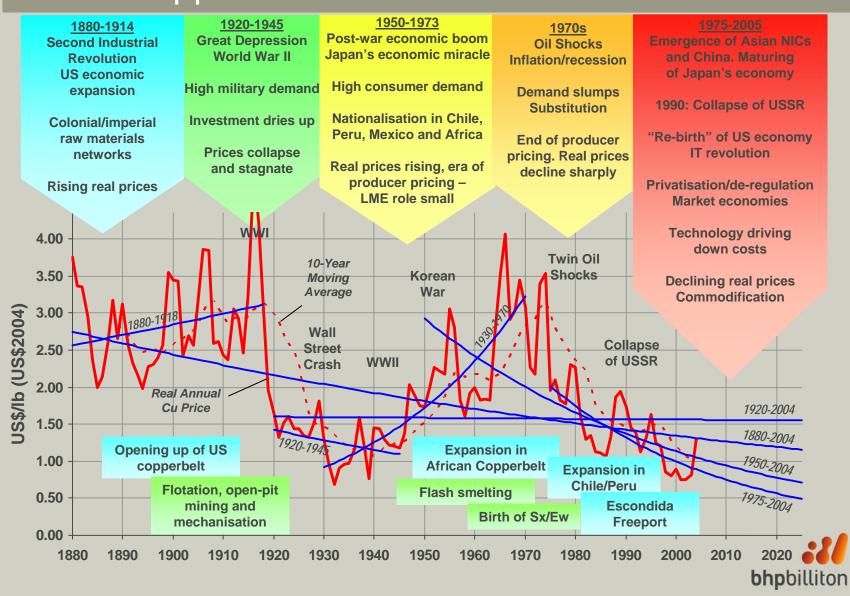
Source: International Copper Study Group (ICSG)



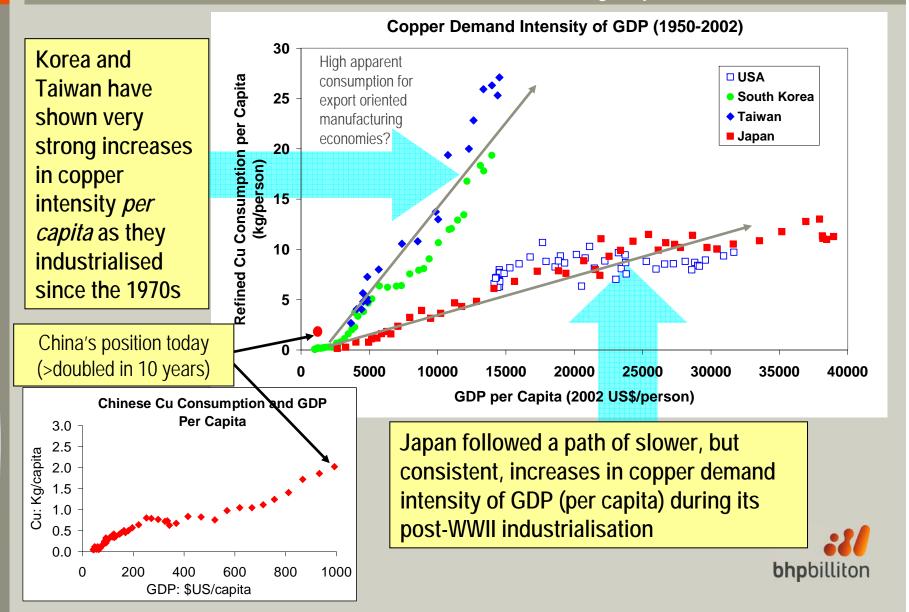
Trends for Global Refined Copper Market during the Last Two Decades



Global Copper Prices - 1880 to 2005



Market Demand for Copper: Industrialising countries have followed two distinctive "intensity" paths



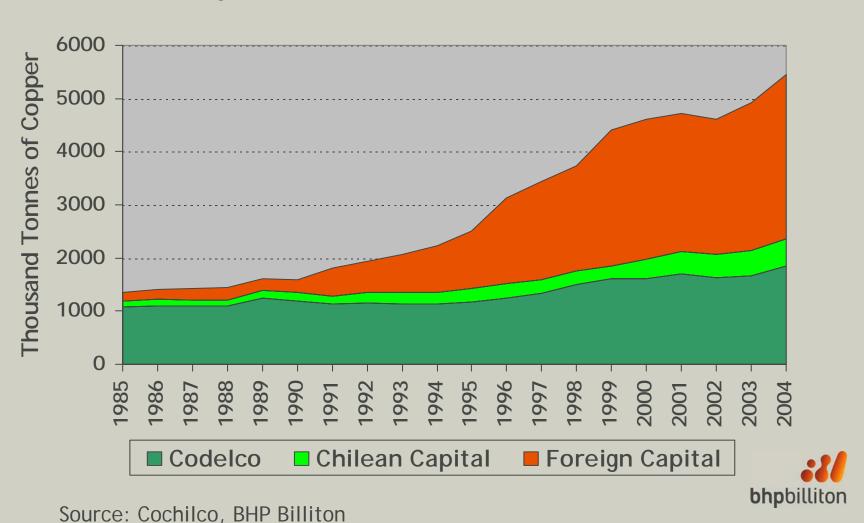
Copper Price Trends During the Last 20 Years (Cash LME Copper Price in January 2005 terms)

• In real terms, copper price level at present is still lower than peaks in the 80's and 90's



Mine Copper Production in Chile by Source of Capital

 Not surprisingly, most of the increase in production during the last 15 years came from foreign investments



Refined Copper Demand Forecast

 According to the most respected market analysts, until 2010 the average annual growth in refined copper demand would account for 631,000 tonnes of copper (3.5% per annum)

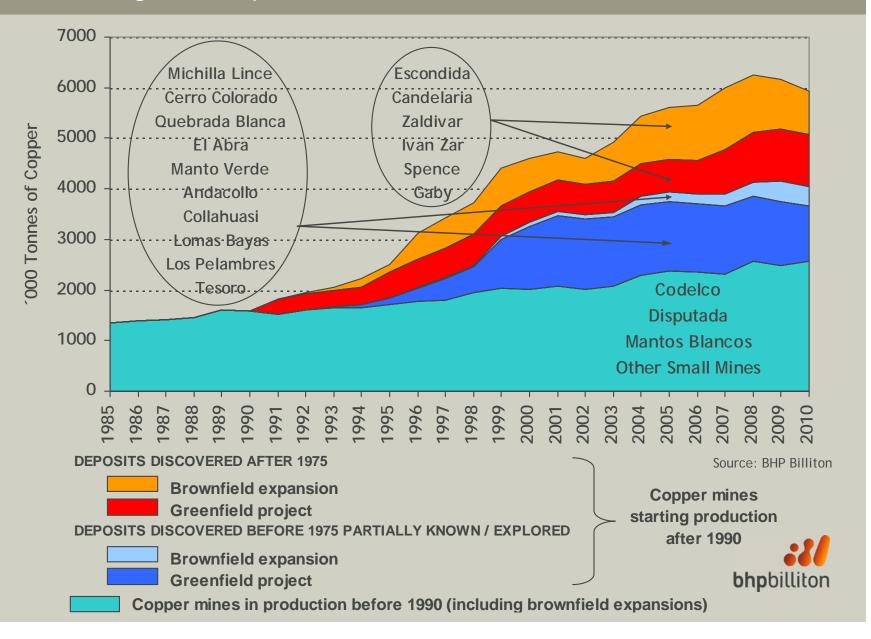
Demand growth (% p.a.)			Calendar Year					Total	per year
Dellia	ind growth (%p.a.)	2005	2006	2007	2008	2009	2010	2005-10	2005-10
any	Analyst 1	4.4%	3.9%	4.0%	3.3%	2.7%	2.1%	22.1%	3.4%
Company	Analyst 2	2.4%	3.5%	2.8%	3.1%	4.1%	n.a.	16.9%	3.2%
ŏ	Analyst 3	3.5%	1.4%	6.9%	5.3%	-0.4%	6.2%	25.0%	3.8%
	Average	3.4%	2.9%	4.6%	3.9%	2.1%	4.2%	23.0%	3.5%

Pofined	Copper Demand (kmt)	Calendar Year					Total	per year		
Keilileu	Copper Demand (kint)	2004e	2005	2006	2007	2008	2009	2010	2005-10	2005-10
any	Analyst 1	16,936	17,674	18,357	19,084	19,719	20,256	20,681	3,745	624
Company	Analyst 2	16,755	17,157	17,758	18,255	18,821	19,592	n.a.	2,837	567
8	Analyst 3	16,801	17,388	17,640	18,858	19,857	19,778	21,007	4,206	701
	Average	16,831	17,407	17,918	18,732	19,466	19,875	20,844	4,013	631

Source: CRU, Bloomsbury and Brook Hunt

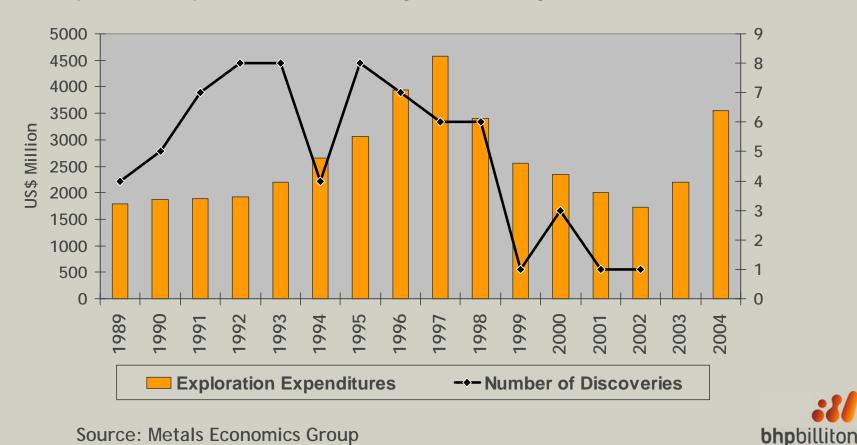


Copper Mining Projects in Chile According to Geological Knowledge of Deposits before 1975



Exploration expenditure and the number of discoveries in the global non-ferrous sector

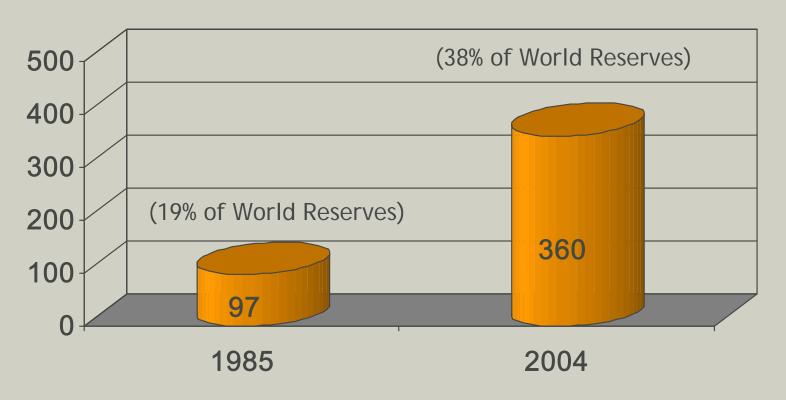
- Investment in geological exploration more than doubled in the 90's peaking in 1997
- Exploration expenditures declined very sharply in tandem with metal prices
- Exploration expenditures are starting to recover again



Source: Metals Economics Group

Development of Copper Reserves in Chile

Copper (million tonnes of contained copper)



Source: Metals Economics Group



The Fraser Institute Annual Survey of Mining Companies

Policy Potential			
	Rank	Rank	Rank
Place	2005	2004	2003
Nevada	1	1	1
Ireland	2	16	*
Manitoba	3	6	4
Utah	4	26	14
Saskatchewan	5	9	10
Spain	6	*	*
Quebec	7	8	7
Ontario	8	16	8
Alberta	9	7	1
Tasmania	10	3	*
Chile	14	2	3

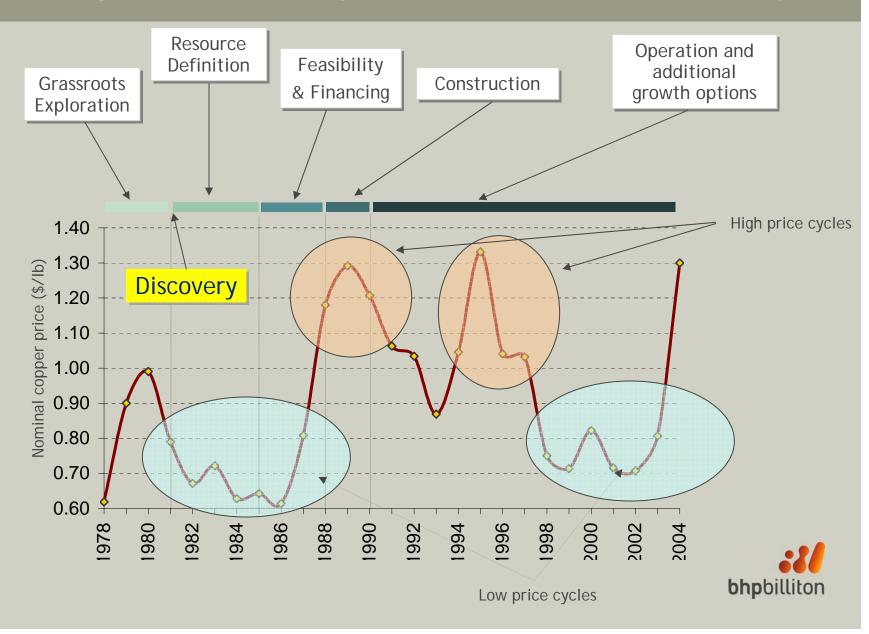
- Chile dropped 12 places to #14 in the policy potential ranking
- Although it kept its second position as current mining potential ...
- That position might also be affected if other countries were to adopt best practices and fix their investment climate

Current Mineral Potential							
Rank Rank Rank							
Place	2005	2004	2003				
Nevada	1	4	5				
Chile	2	2	1				
Quebec	3	3	3				
Western Australia	4	1					
Mexico	5	14	9				
Tasmania	6	20					
Finland	7						
Northern Territory,AUS	8	8					
Brazil	9	11	7				
Ontario	10	6	4				

Best Practices Mineral Potential					
	Rank	Rank	Rank		
Place	2005	2004	2003		
Tasmania	1	34			
Nevada	2	21	9		
Alaska	3	24	5		
NWT, Canada	4	13	8		
Western Australia	5	1			
Indonesia	6	6	17		
Peru	7	4	6		
Queensland	8	3			
PNG	9		26		
Nunavut, CAN	10	14	12		
Chile	13	9	2		



Mining investment cycle - Escondida case study



Projects in the pipeline - Potential production by 2010

	150,000 tpy Cu	100,000 tpy Cu	50,000 tpy Cu	Less than
	or more	or more	or more	50,000 tpy Cu
Chile	993,000 (5)	-	-	67,000 (4)
Others	400,000 (2)	610,000 (5)	726,000 (11)	668,000 (33)
TOTAL	1,393,000 (7)	610,000 (5)	726,000 (11)	735,000 (37)
	40%	18%	21%	21%

Total by 2010 3,464,000 tpy Cu

Source: Public sources and BHP Billiton



Conclusions

2005 - 2010

 Chilean production should continue to grow but not enough to keep 2004 market share

2010 onwards

 Market share should decrease (unless additional effort on exploration starting now)

