



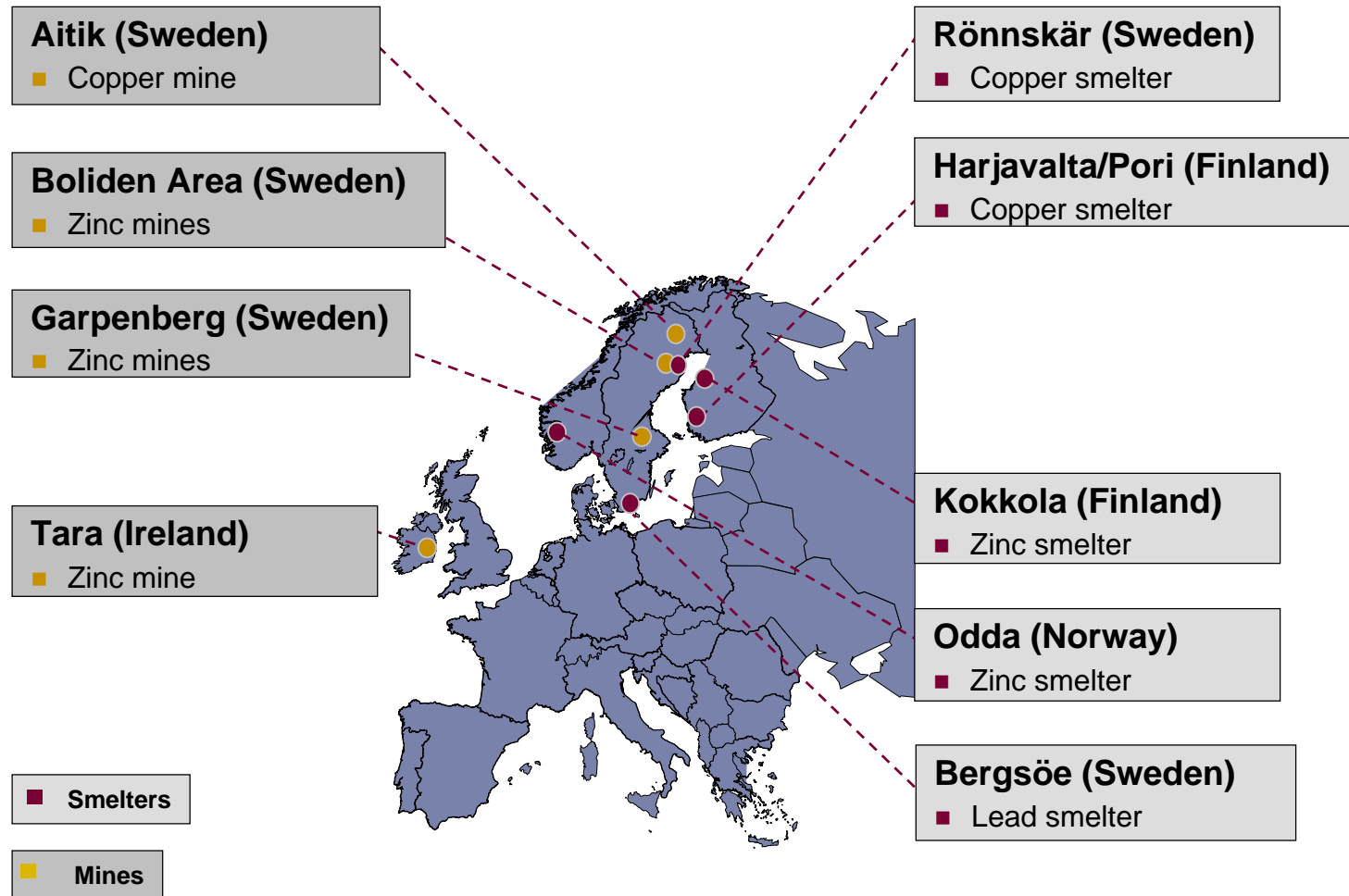
Boliden

Capital Markets Day 2007

Jan Johansson, President and CEO

BOLIDEN

Boliden's Production Entities



Boliden's goals

- **To be Europe's leading supplier of copper and zinc**
- **To be the world leader in the recycling of electronic scrap**
- **To be one of the world's most cost-effective metal producers**
- **To generate a return on capital employed exceeding 10 per cent over a business cycle**
- **To achieve a net debt/equity ratio of approximately 40 per cent**
- **To pay a dividend corresponding to approximately one third of the net profit over a business cycle**

Integrated value chain – from mining and smelting to metal sales

Mines

Smelters

Sales



EXPLORATION



**MINING
OPERATIONS**



RECYCLING



**SMELTING &
REFINING**



**MARKET
& SALES**

Advantages:

- Full process control ensures a high and consistent quality
- High guaranteed capacity utilisation (Boliden mines/smelters, logistics, customers' capacity)
- Supply reliability
- One single point of contact for customers
- Process and logistics integration
- Customized products

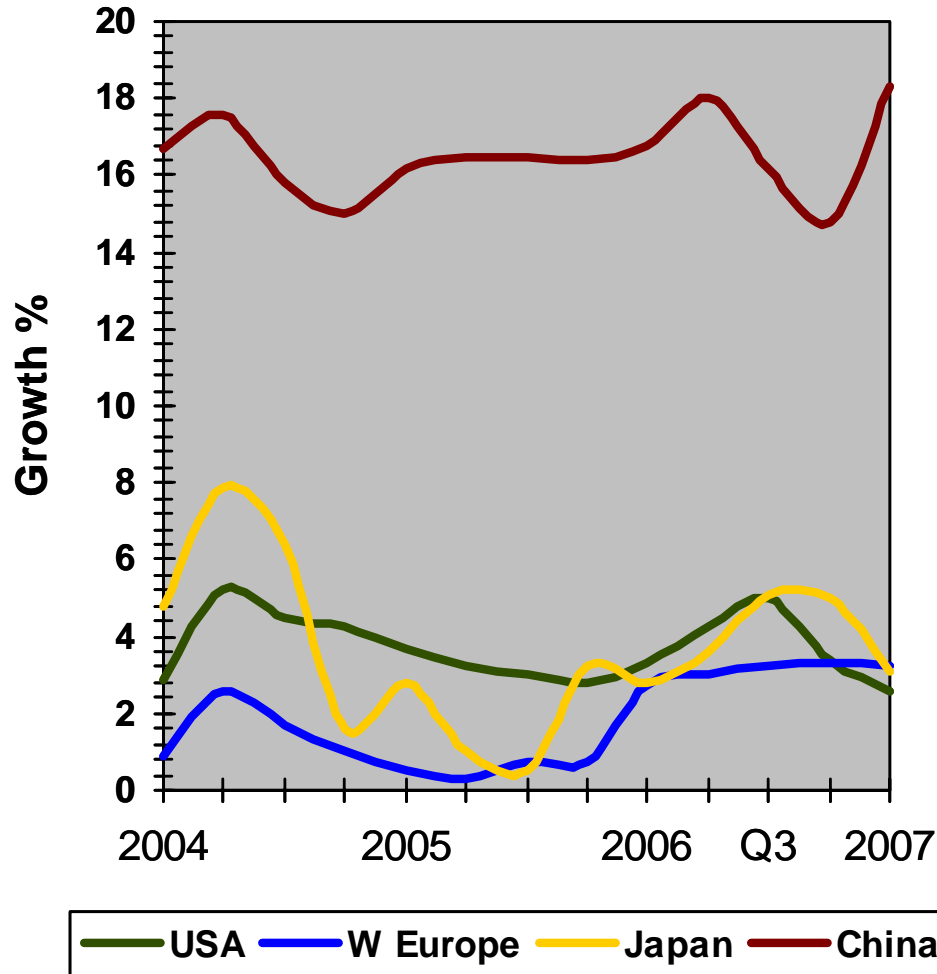


The Metals Market

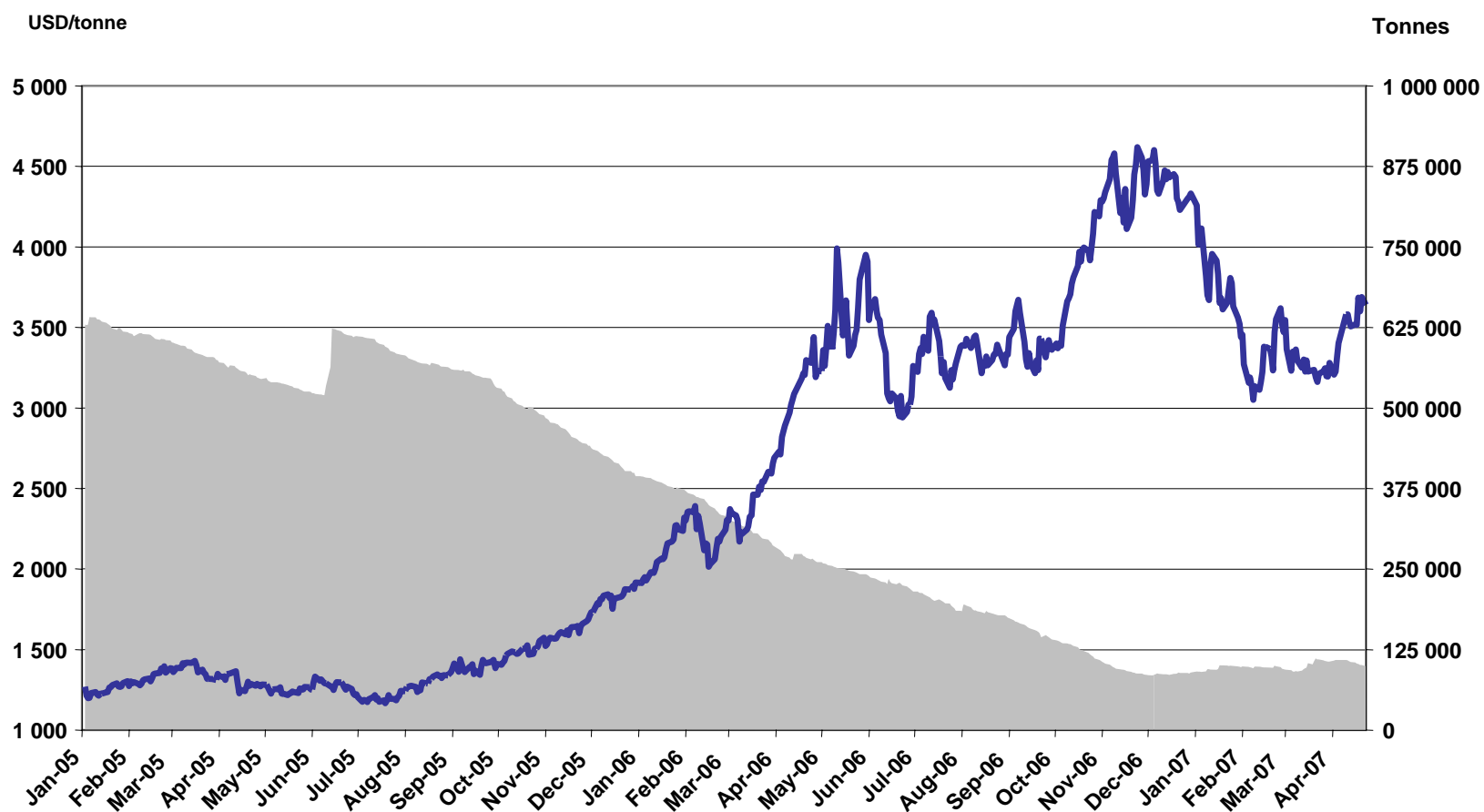
STANTIS BOLIDEN

Continued strong demand for zinc and copper

Industrial Production

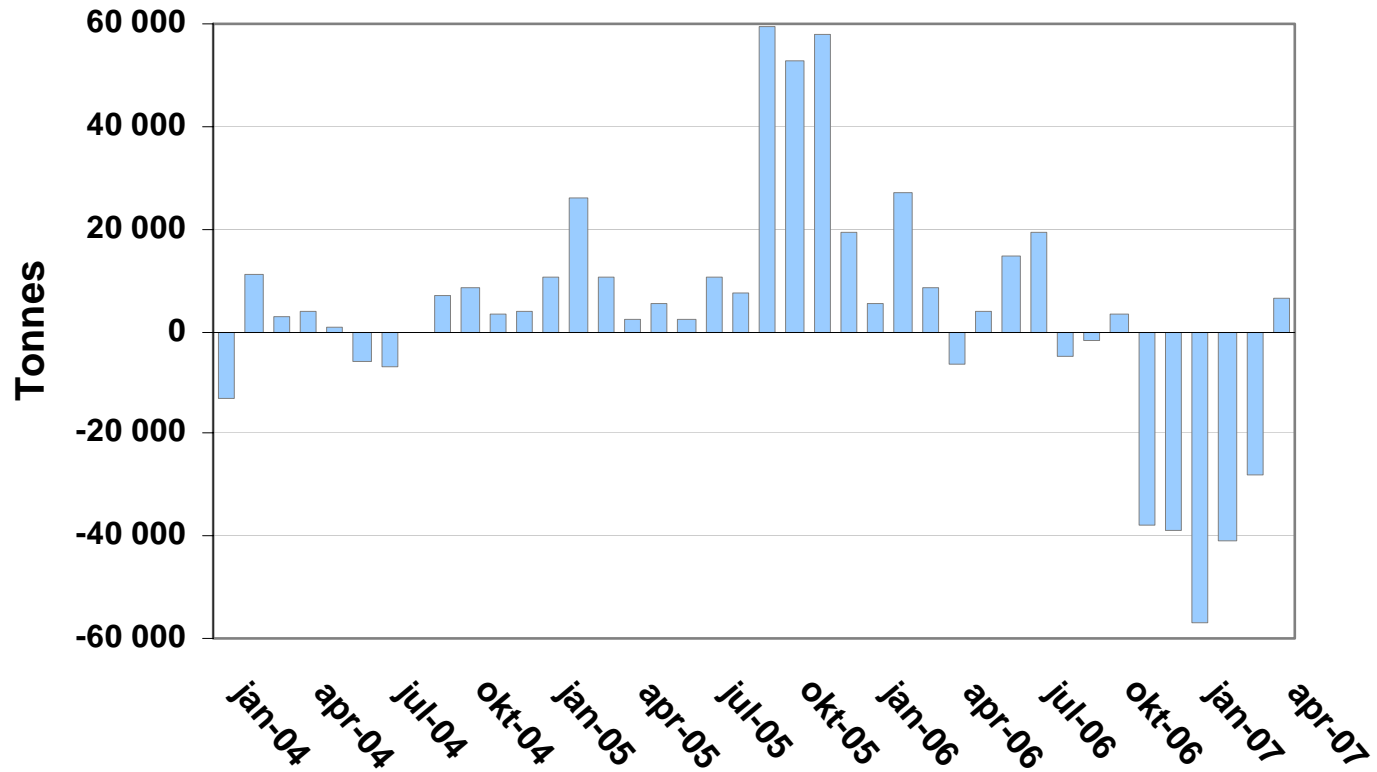


Zinc price and stock levels (LME)



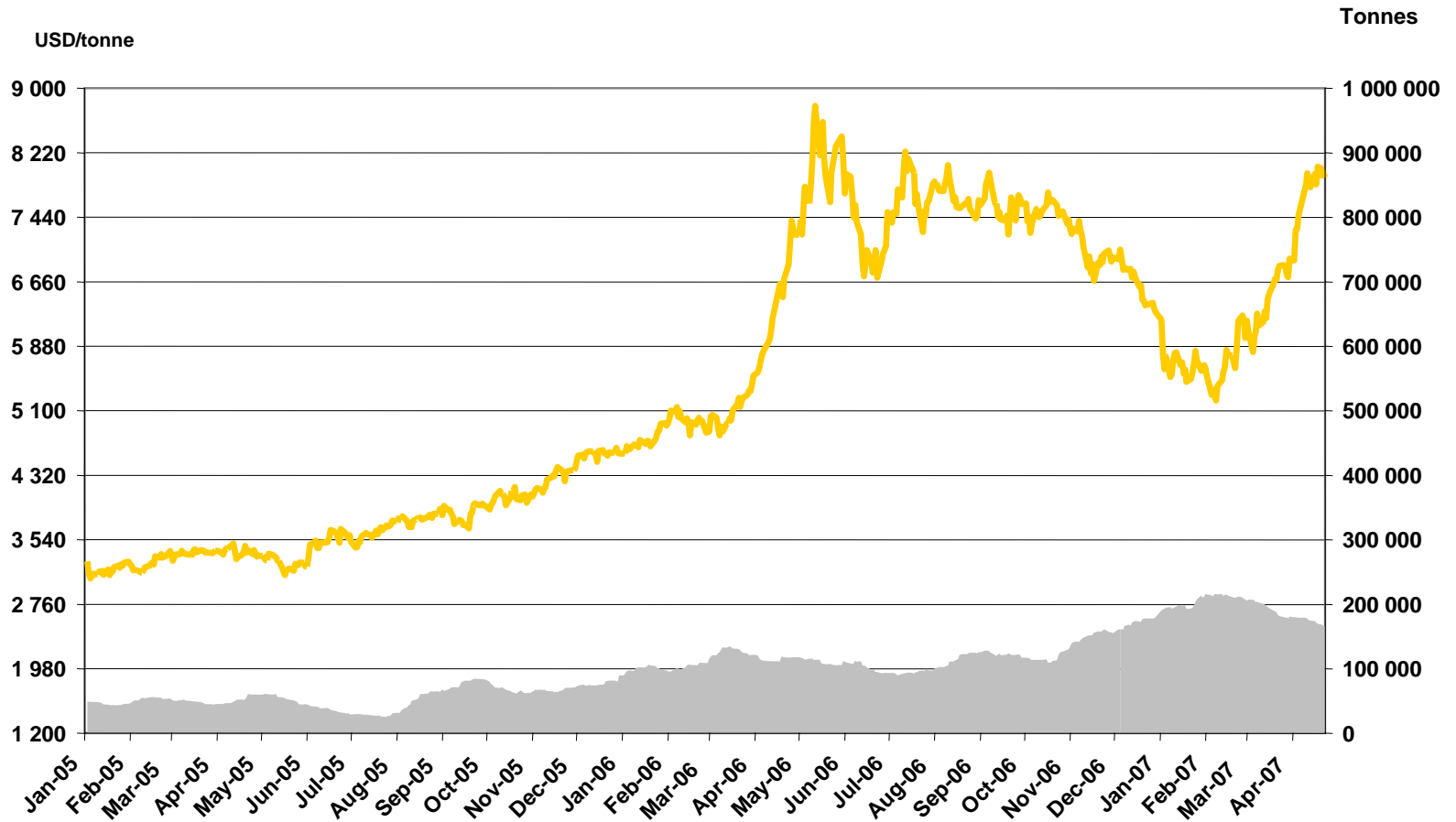
China's net imports

Chinese Net Imports of Zinc 2004-2007

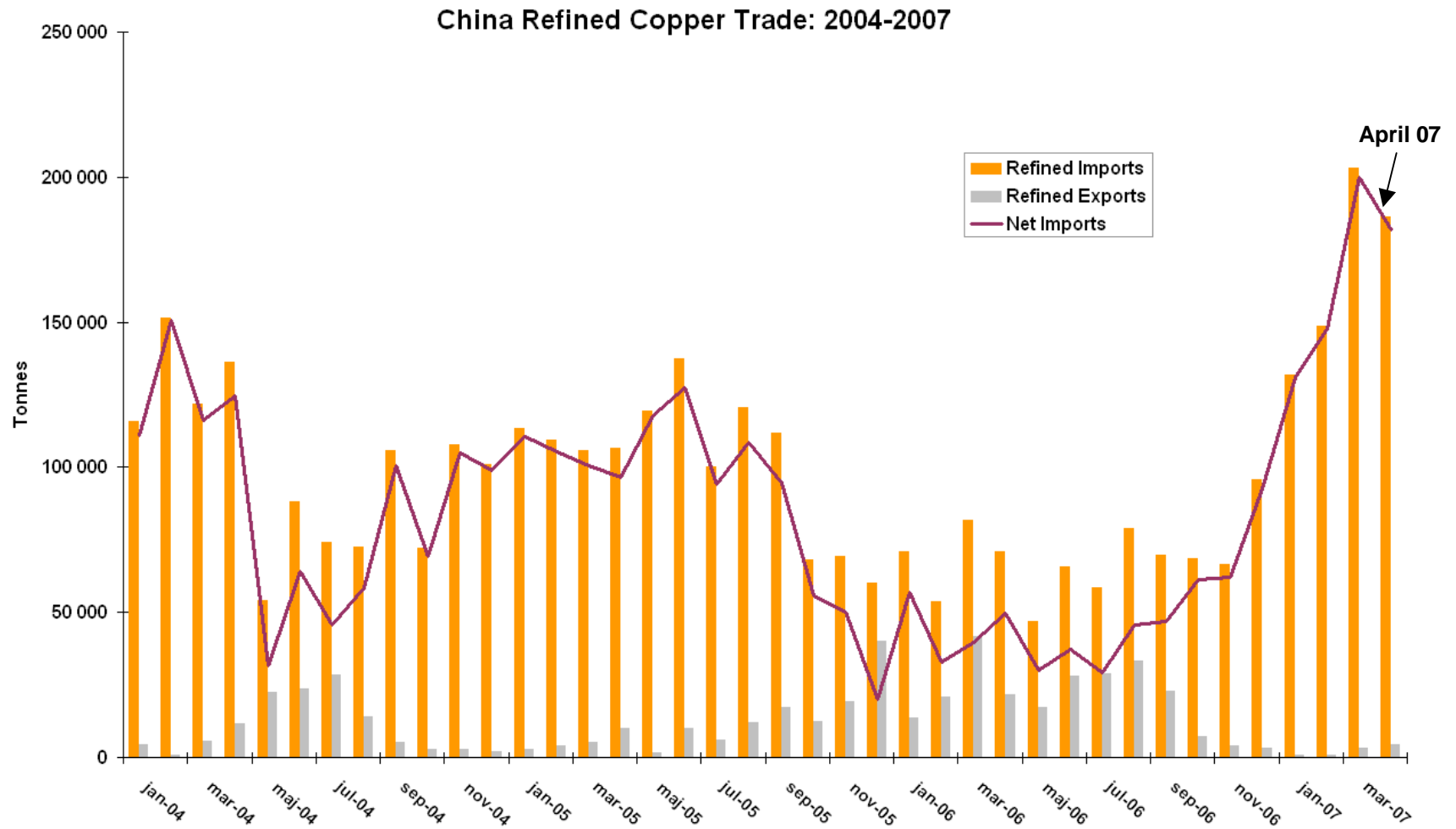


Source: Metals Insider

LME Copper Price and Stocks



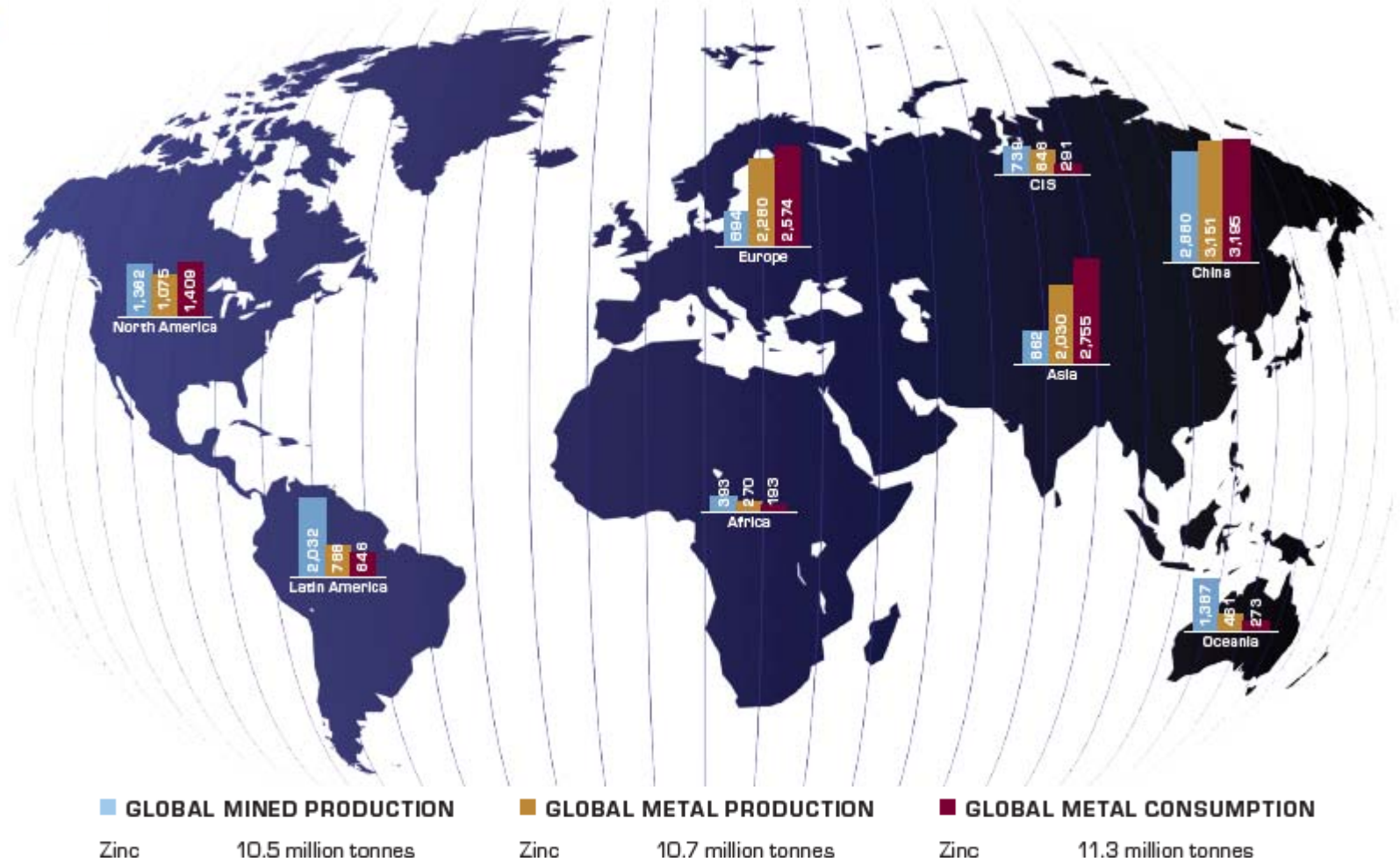
Chinas' import of copper



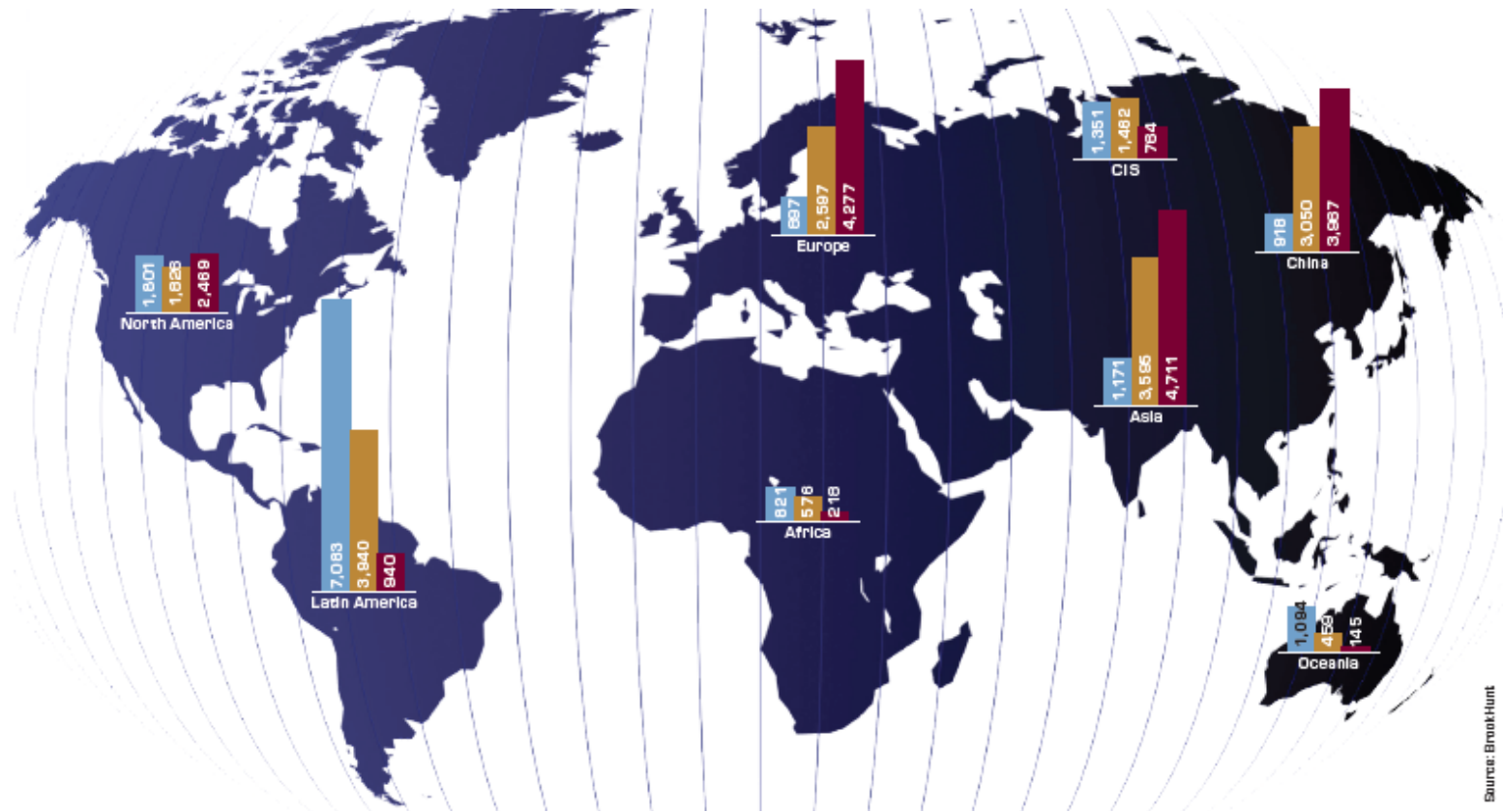
Source: Metals Insider



Global zinc consumption exceeds total production



... and larger copper consumption than production in many regions



Source: Birkhoff

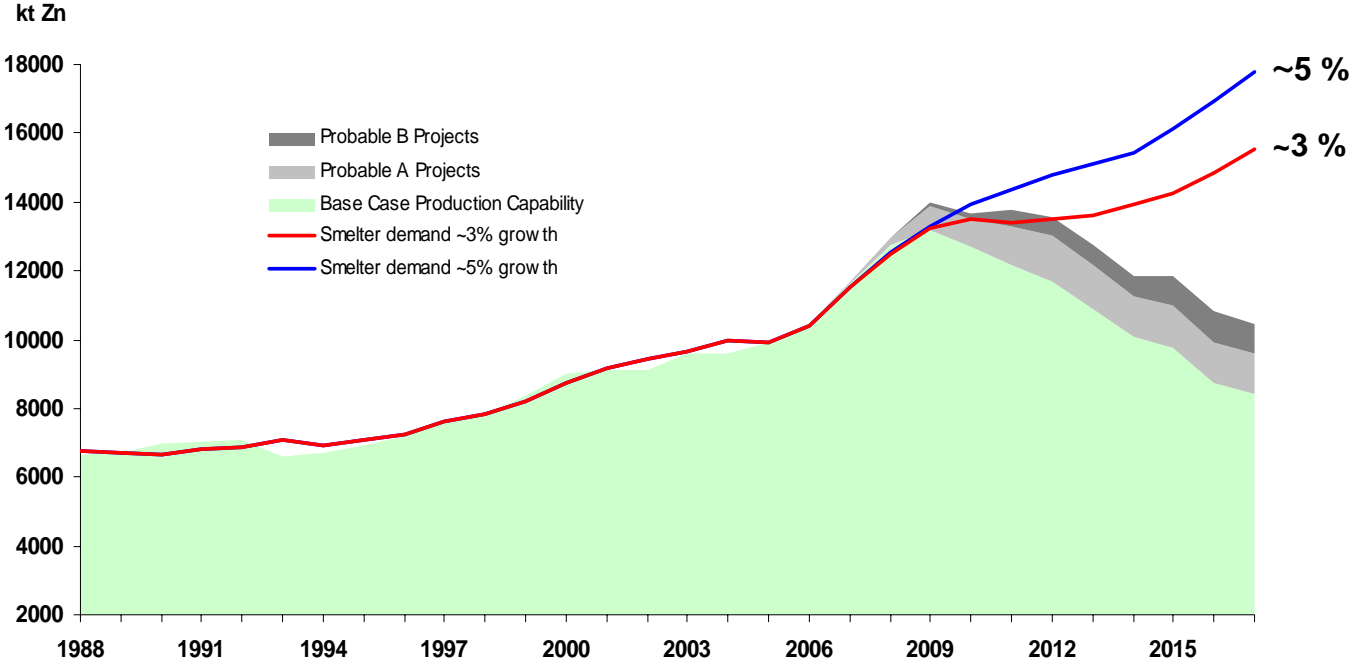
GLOBAL MINED PRODUCTION
Copper 15.1 million tonnes

GLOBAL METAL PRODUCTION
Copper 17.5 million tonnes

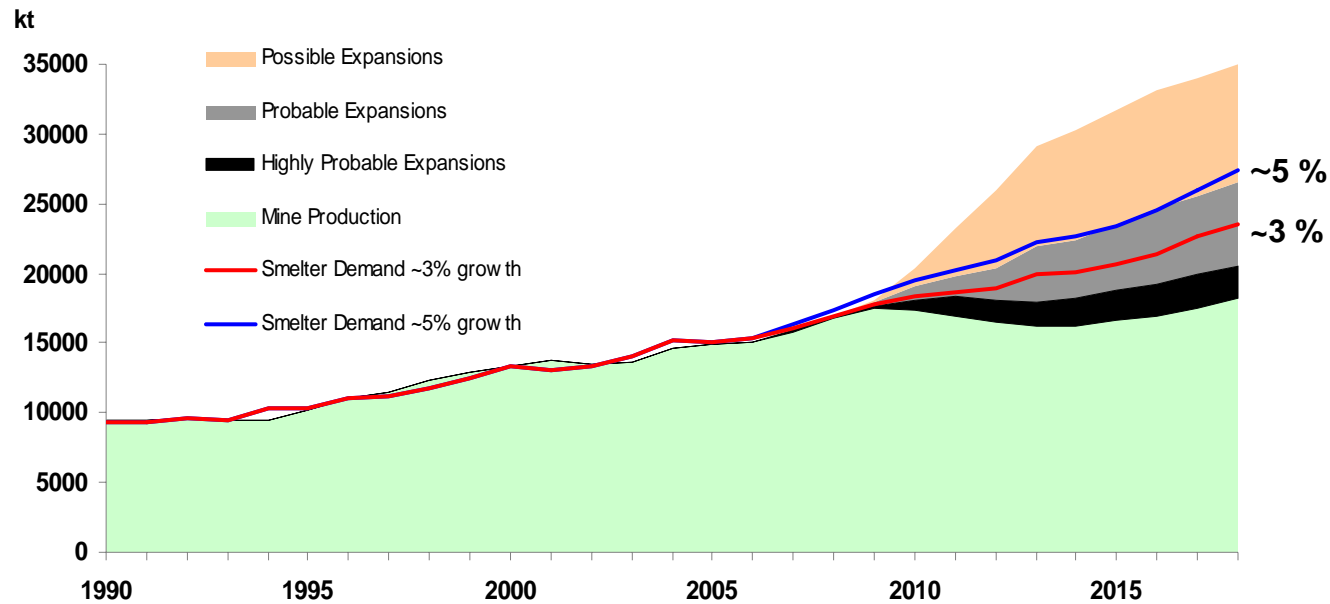
GLOBAL METAL CONSUMPTION
Copper 17.5 million tonnes



Global zinc production and smelter demand

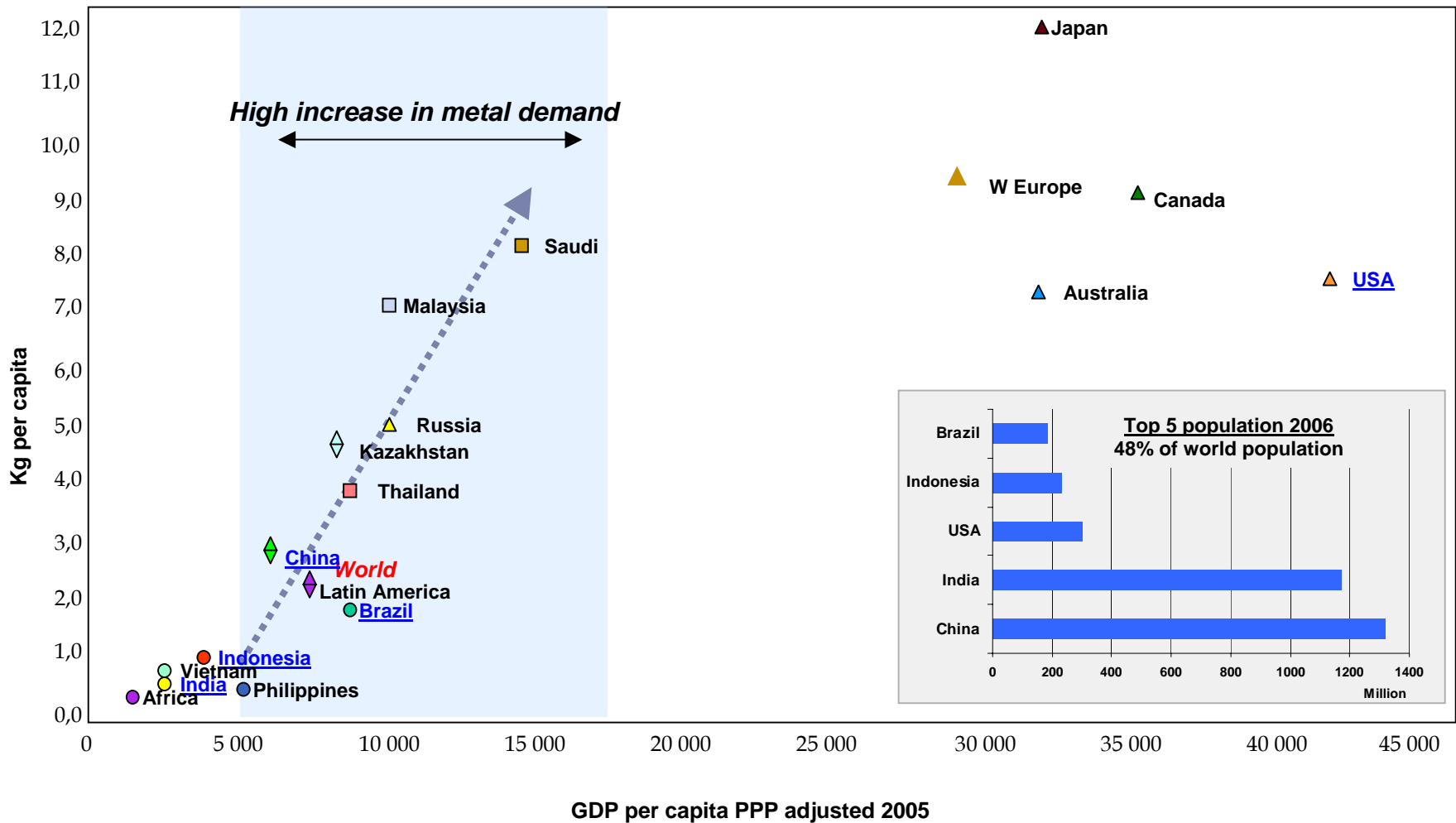


Global copper production and smelter demand

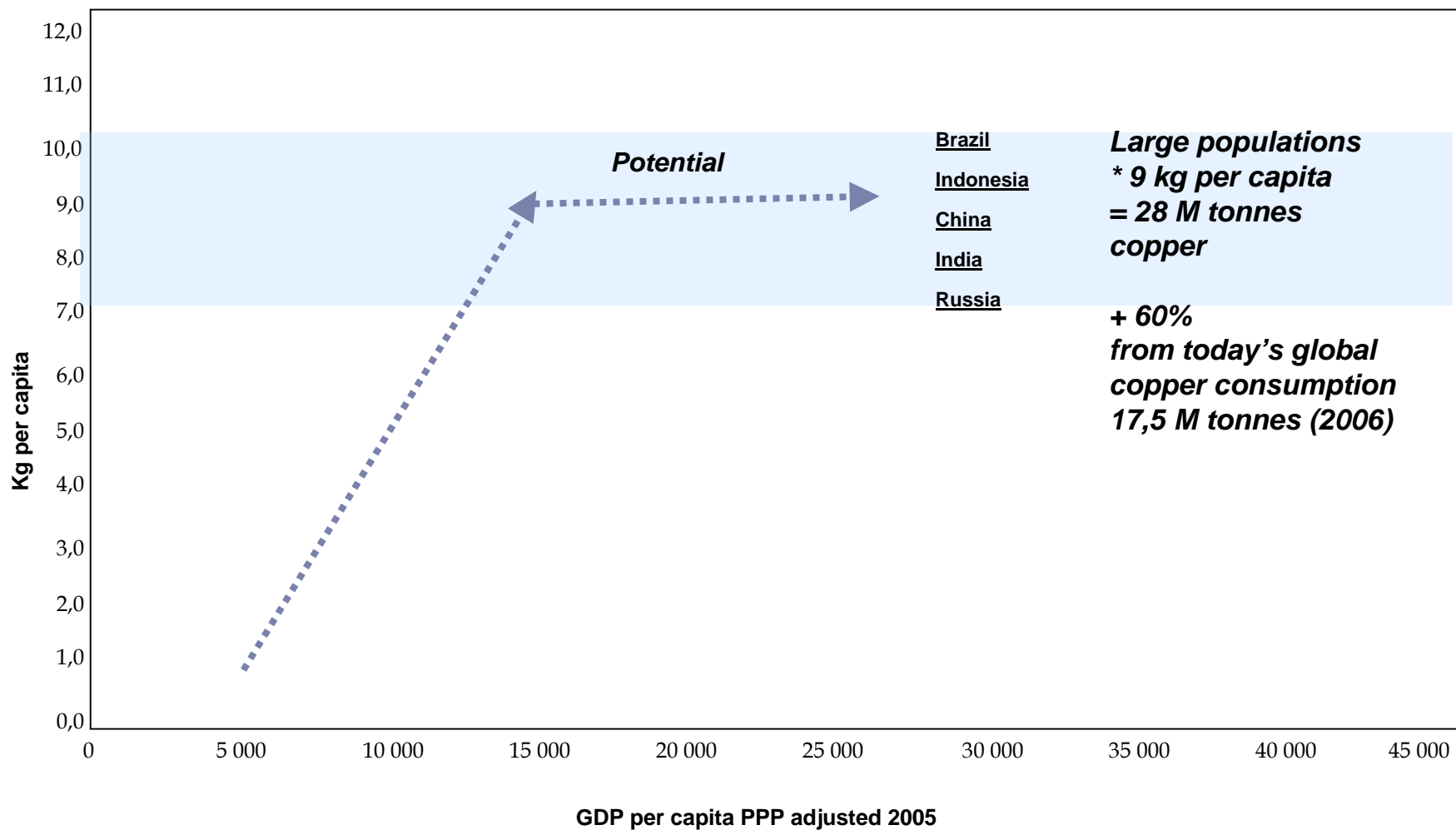


Potential for continued growth for metals

2006 Copper consumption vs. GDP per capita



Potential for continued growth for metals



Focus on value creation

- Boliden is operational and financial reconstructed
- Cost efficient operations
- Strong cash flow
- Leading edge treatment technology
- World leading with patent technology for metal recycling
- Intensified exploration activities, tripled ore reserves in Q1 2007
- Organic growth projects
- Continue to evaluate possible acquisitions of project and companies to grow mine assets



Financials

BOLIDEN

Result first quarter 2007

SEK m	Quarter 1		Change %
	2007	2006	
Revenues	8 455	7 337	15
Operating profit (EBIT)	1 286	1 750	- 27
Profit before tax	1 261	1 698	- 26
Earnings per share, SEK	3.18	4.28	- 26
Cash flow from operating activities	1 490	999	49
Return on capital employed (%)	28	44	
Net debt (%)	- 8	45	

- Higher metal prices, increased revenues
- Reduced operating profit mainly due to lower grades of copper and gold, poorer USD exchange rate and lower TC/RC

Result first quarter 2007, deviations compared with fourth quarter 2006

SEK m	Quarter 1 / Quarter 4		
	2007	2006	Diff.
Operating profit (EBIT)	1 286	2 225	- 939
Net price deviation	- 894		
of which, Currencies	- 88		
Hedges	138		
Definite prices (MAMA)	- 310		
Stock results	132		
Treatment charges	- 197		
Price decreases	- 569		
Net volume deviations	- 288		
Net cost deviations	262		
Other - net	- 19		

Operating profit per segment

SEK m	Quarter 1		Change %
	2007	2006	
Mines	787	732	8
Smelters	544	1 029	- 47
Others	- 45	- 11	- 309
The Boliden Group	1 286	1 750	- 27

- Mines: Prices and terms improved operating profit by SEK 444 million but volume decreases, mainly due to planned lower grades at the Aitik mine, had negative effect of SEK -336 million. Costs increased by SEK -53 million compared to first quarter 2006
- Smelters: Decreased operating profit by SEK -487 million mainly due to lower TC/RC, lower USD exchange rate and increased costs by SEK -112 million.

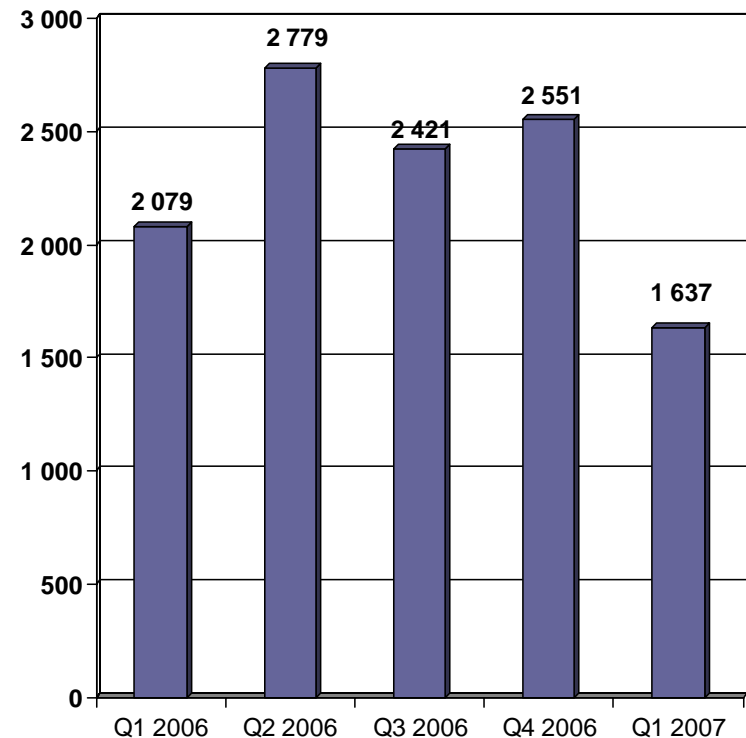


Cash Flow First Quarter

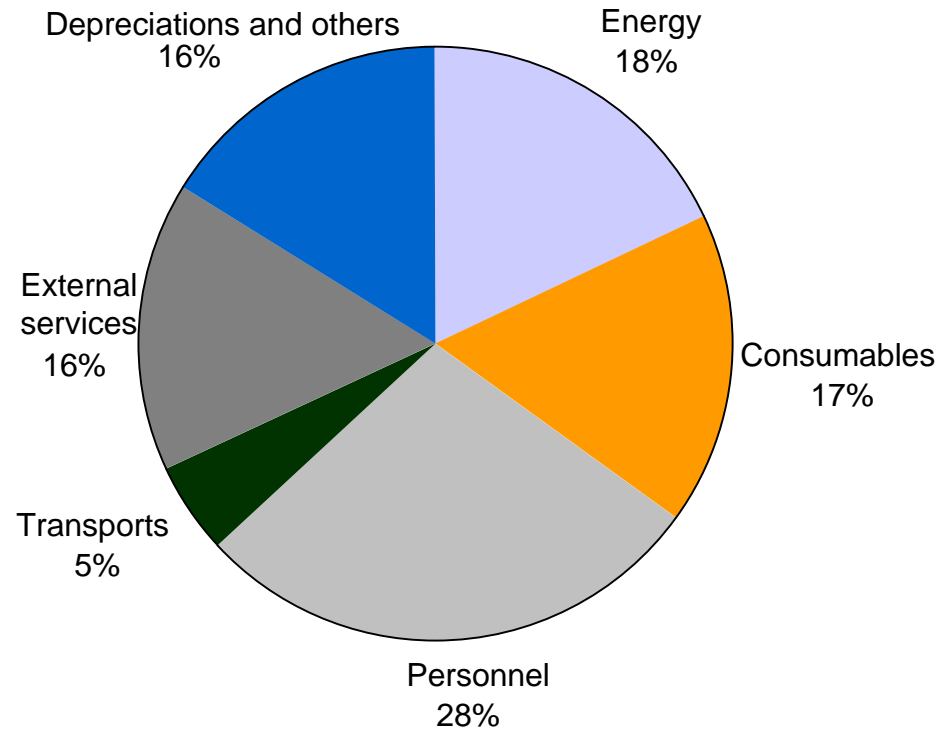
- Cash flow from operating activities SEK 1 490 million (SEK 999 m)
- Cash flow from investment activities SEK -373 million (SEK -441 m)
- Free cash flow SEK 1 117 million (SEK 558 m)
- Net loan amortisation SEK 26 million (SEK 1 220 m)

Operating profit before depreciation

(EBITDA), SEK m

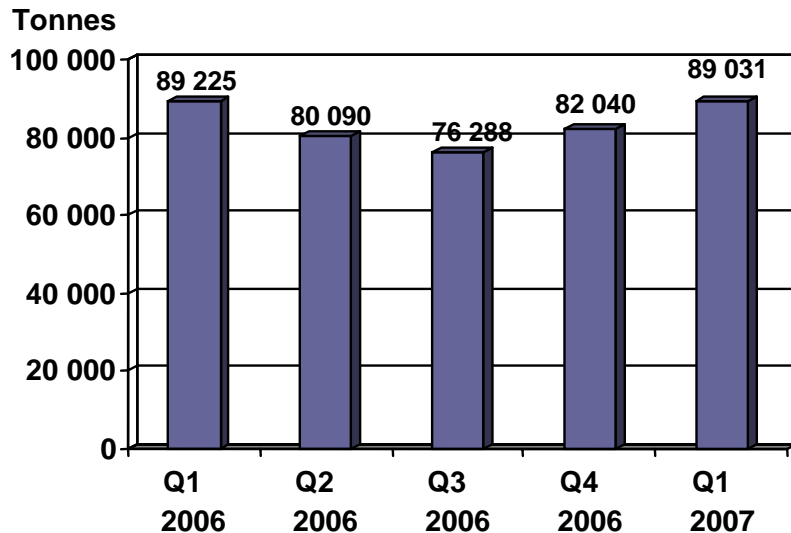


Cost Structure of the Boliden Group Q 1 2007

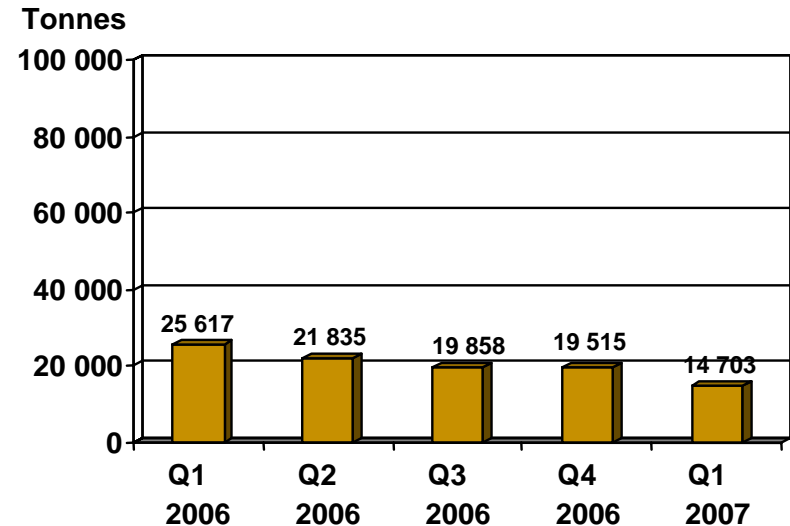


Production Mines

Zinc (metal content)



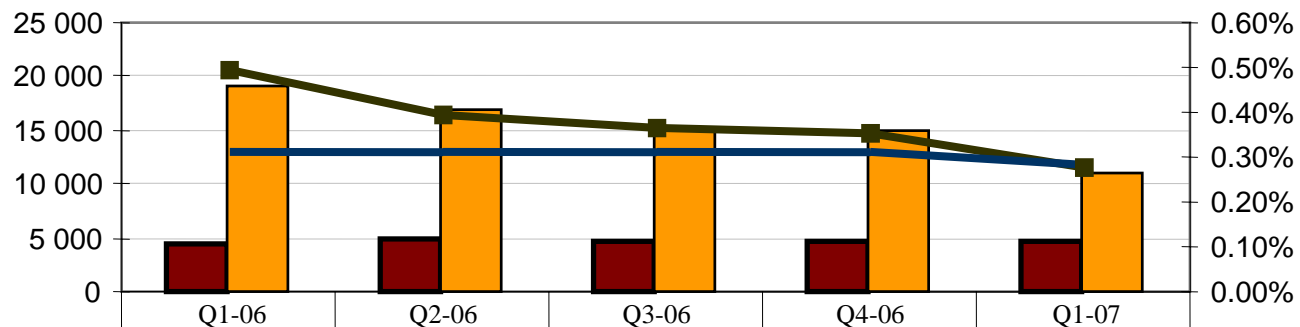
Copper (metal content)



- Production of milled tonnage is higher or at the same level during first quarter 2007 than in corresponding period 2006 in all mining areas.
- Production of zinc concentrate during the first quarter remained largely on a par with levels during the corresponding period in 2006.

Milled production, head grades, metal content Cu

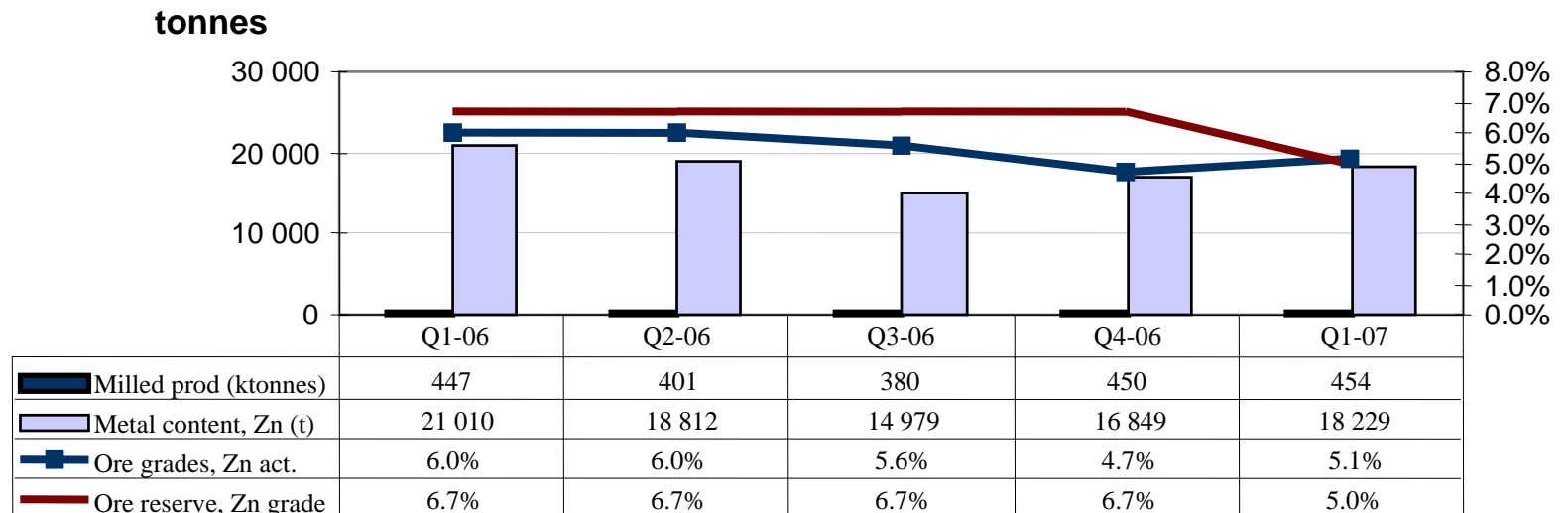
tonnes



Milled prod (ktonnes)	4 342	4 823	4 611	4 705	4 678
Metal content, Cu (t)	19 190	16 964	15 132	14 847	11 116
Ore grades, Cu act.	0.50%	0.39%	0.36%	0.35%	0.28%
Ore reserve, Cu grade	0.31%	0.31%	0.31%	0.31%	0.28%

Boliden Area

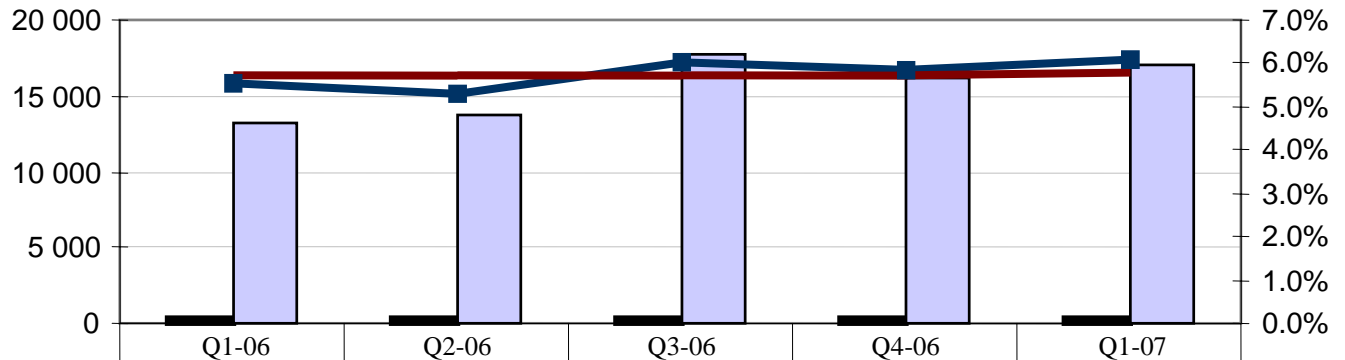
Milled production, head grades, metal content Zn







Garpenberg

Milled production, head grades, metal content Zn

tonnes

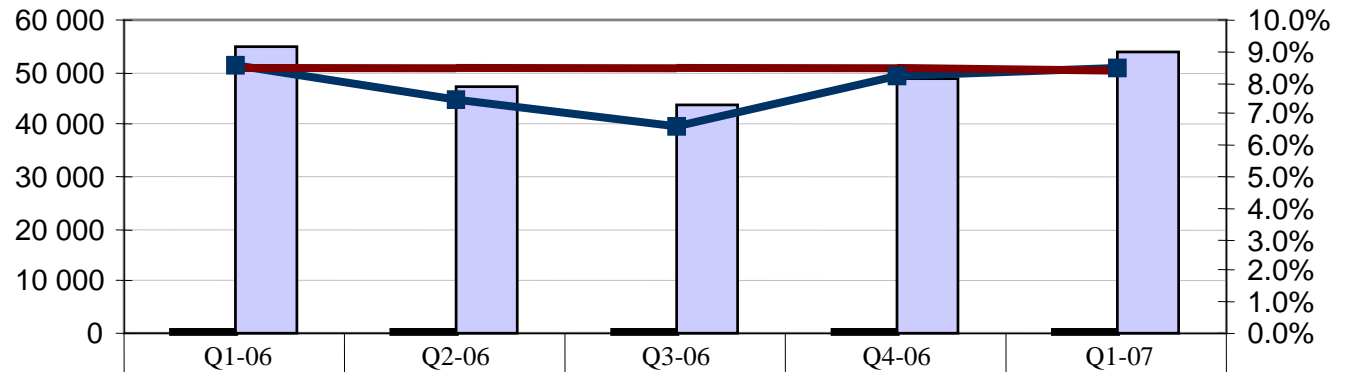






 Milled prod (ktonnes)	269	285	322	305	314
 Metal content, Zn (t)	13 227	13 800	17 793	16 172	17 056
 Ore grades, Zn act.	5.5%	5.3%	6.0%	5.8%	6.1%
 Ore reserve, Zn grade	5.7%	5.7%	5.7%	5.7%	5.8%

Tara

Milled production, head grades, metal content Zn

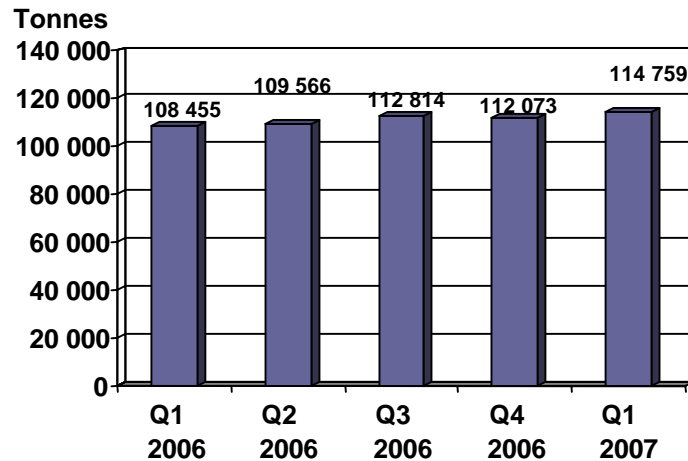
tonnes



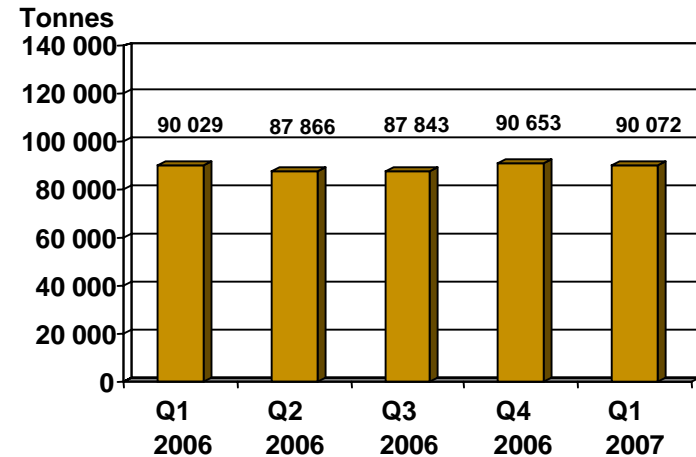
 Milled prod (ktonnes)	694	693	710	654	686
 Metal content, Zn (t)	54 988	47 478	43 516	49 019	53 746
 Ore grades, Zn act.	8.6%	7.4%	6.7%	8.2%	8.5%
 Ore reserve, Zn grade	8.5%	8.5%	8.5%	8.5%	8.4%

Production Smelters

Cast zinc (zinc slabs)



Cathode copper



- Production of copper cathodes was stable and on a level that was as high during the first quarter of 2007 as in the previous year.
- Production of zinc metal was higher during the first quarter than during the corresponding period in 2006.

Share Ownership Structure

Ownership April 30, 2007

Name	Share	Ownership %
------	-------	-------------

Foreign nominee accounts	46 012 599	15.90
AMF	16 301 500	5.63
SEB Funds (incl. Gamla Livförsäkringsbolaget)	9 680 796	3.34
Afa Försäkring	8 837 663	3.05
Swedbank Robur Funds	8 677 923	3.00
Handelsbanken Funds	8 058 234	2.78
The Fourth AP Fund	7 916 900	2.74
Nordea Funds	5 454 821	1.88
Skandia	5 444 594	1.88
Folksam-KPA-Förenade Liv	2 923 680	1.01
The First AP Fund	2 904 150	1.00
Odingroup	2 890 565	1.00

The largest shareholders in total:	120 203 425	43.21
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Other shareholders	169 253 744	56.79
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Total	289 457 169	100.00
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Source: VPC AB



A nighttime photograph of a city skyline, likely New York City, featuring several illuminated skyscrapers. A construction crane is visible on the left side. The sky is dark, and the buildings are lit up with various lights, including some with glowing signs.

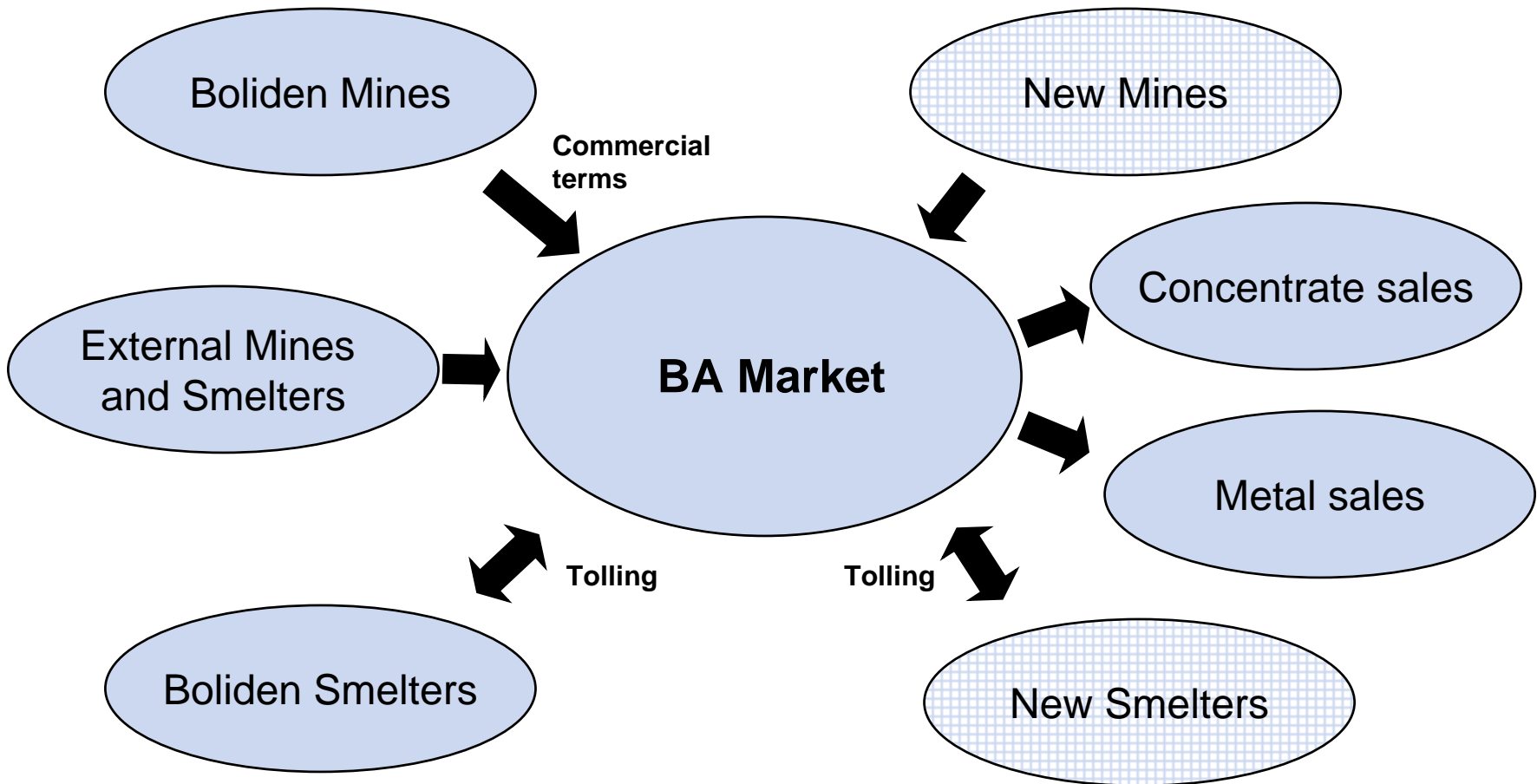
Business Area Market

Ulf Söderström, President BA Market

Content

- BA Market
- Customers
- Market development
- MAMA pricing

Business model BA Market within the Group

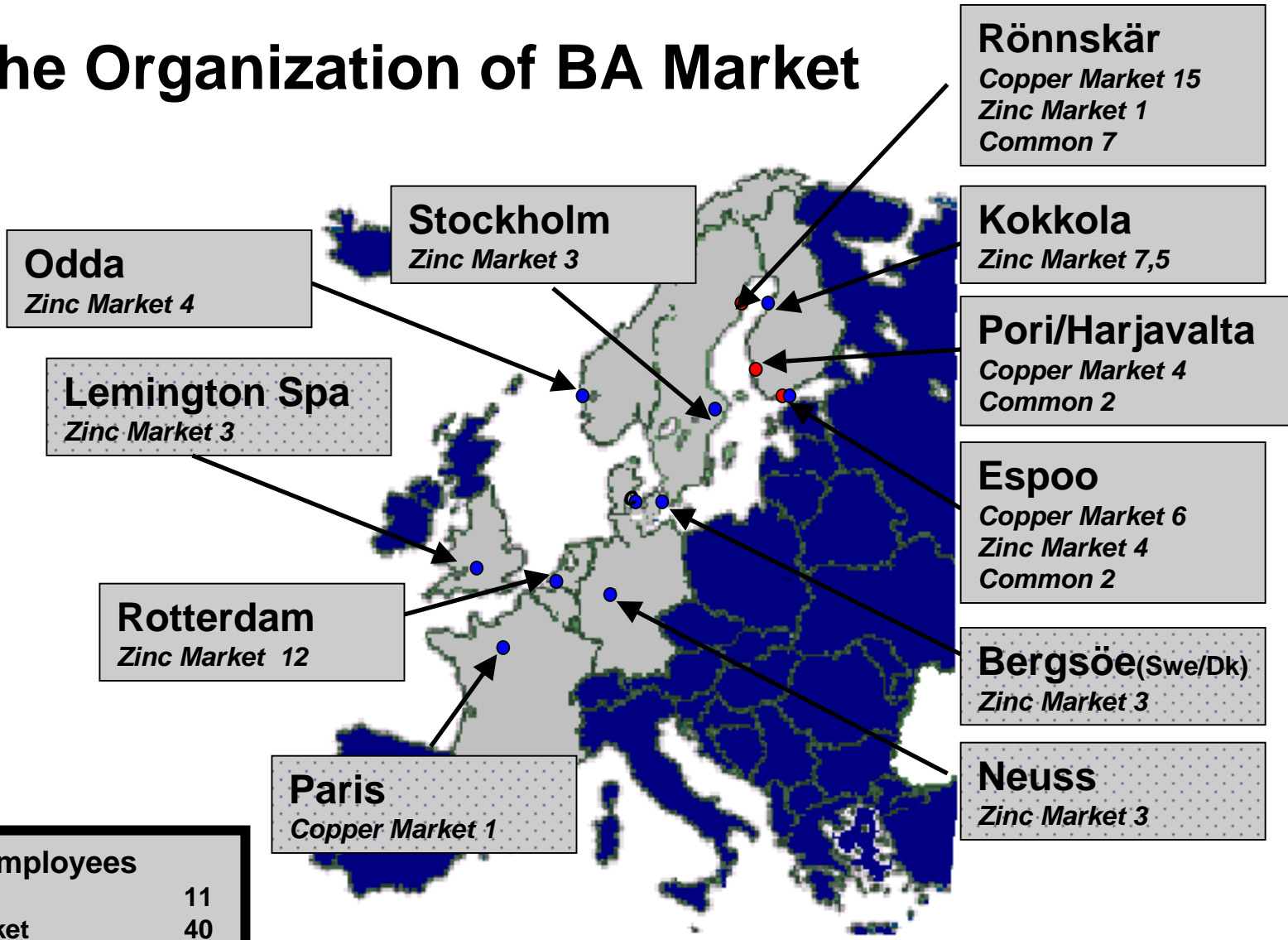


Responsibility for becoming a leading supplier

- **Generating value outside the industrial processes**
- **Optimising flows in the value chain**
- **Optimising cash flows**
- **Optimising physical flows**
- **Customer, business and product development**



The Organization of BA Market



No. of employees	
Common	11
Zinc Market	40
Copper Market	26
Total	77

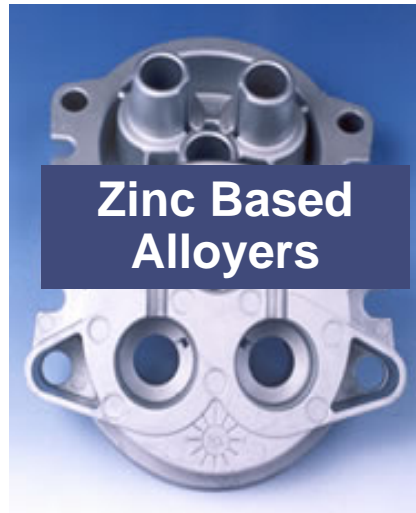
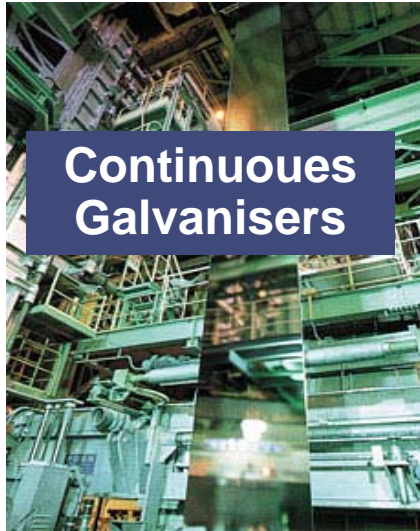
 Sales branches



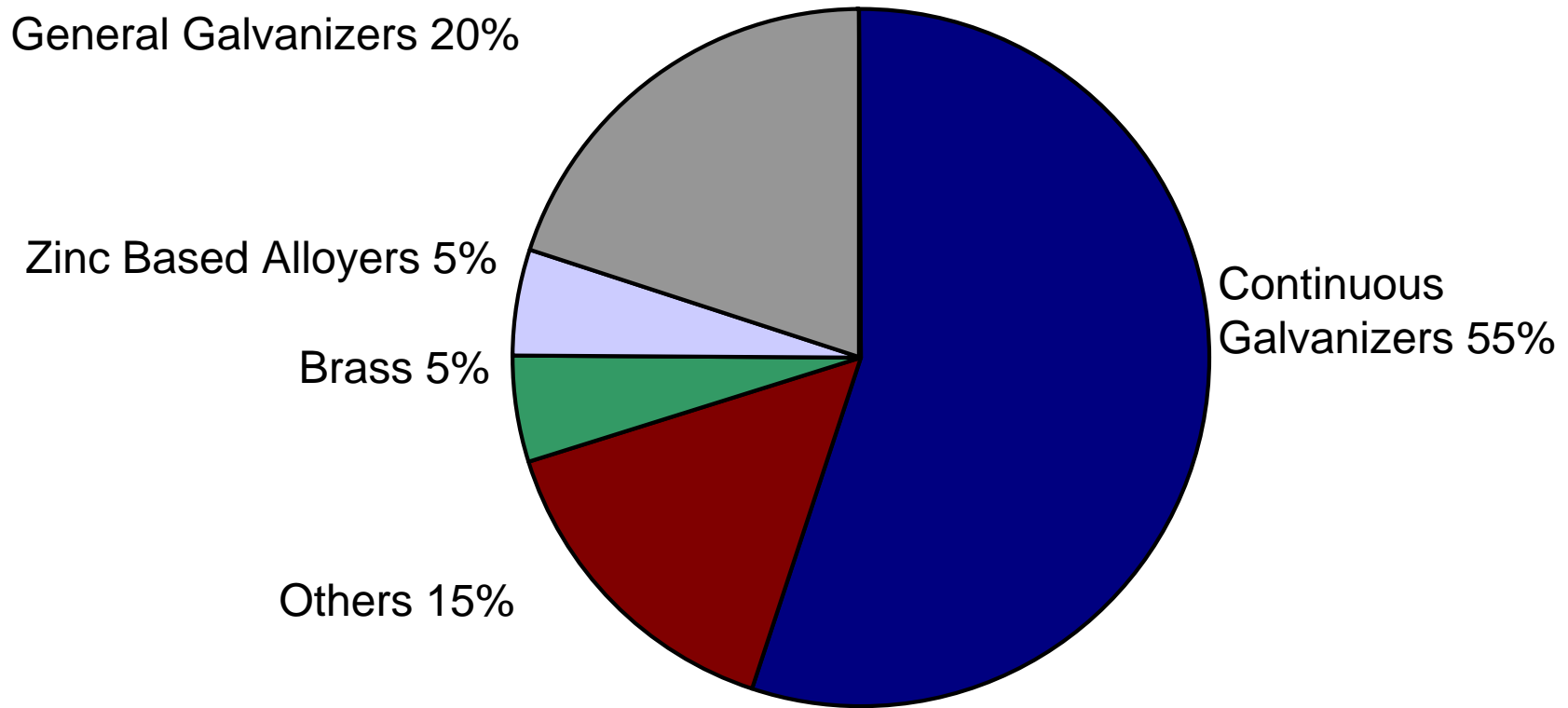
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Zinc customers

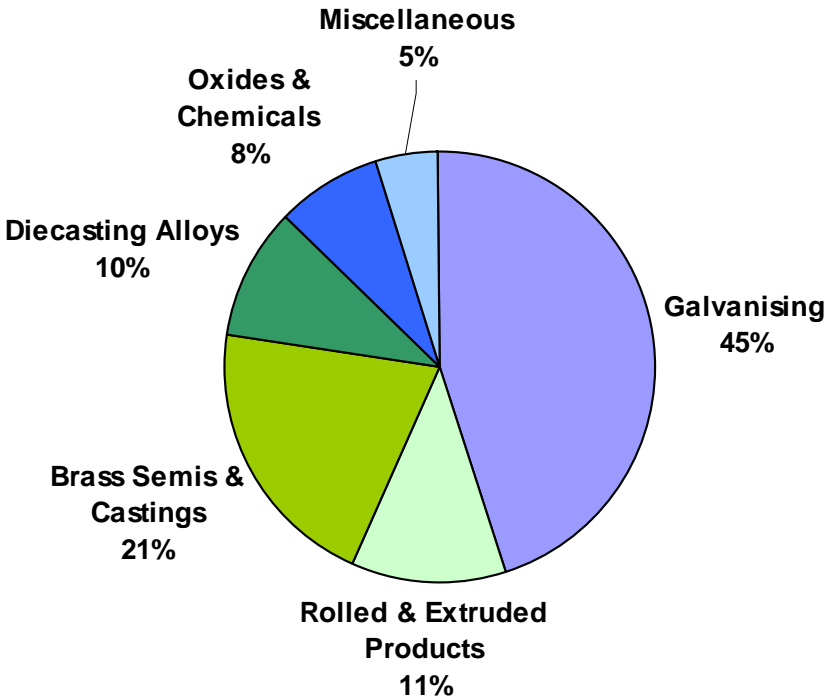


Boliden Zinc Sales by customer segment

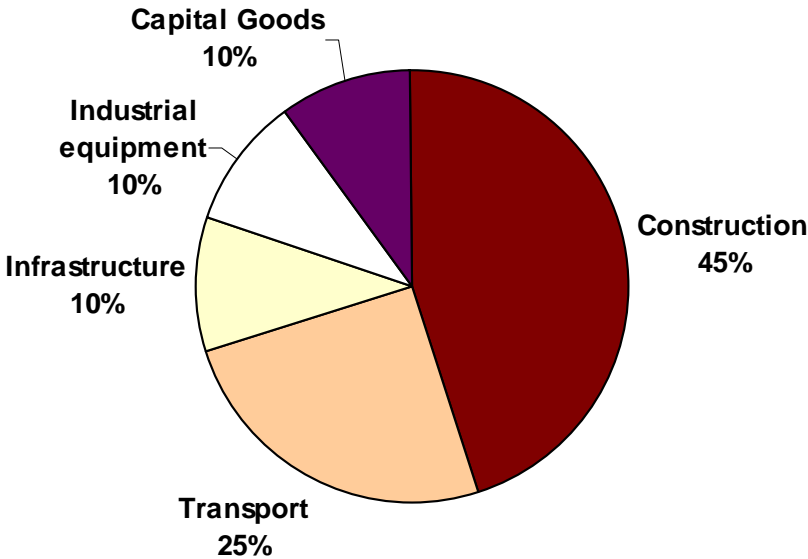


The galvanizing industry is Europe's largest customer of zinc metal – and the one experiencing highest growth

Zinc Consumption in Europe (2006)



Global Zinc Consumption by market sector (2006)

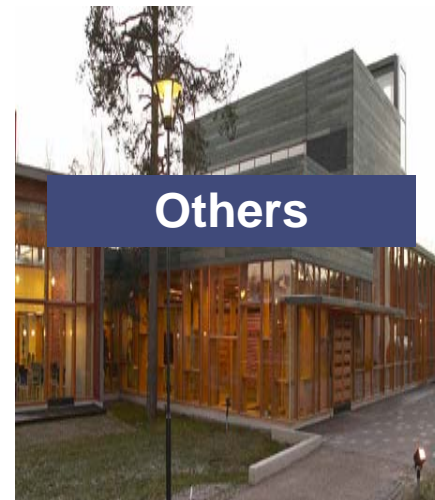
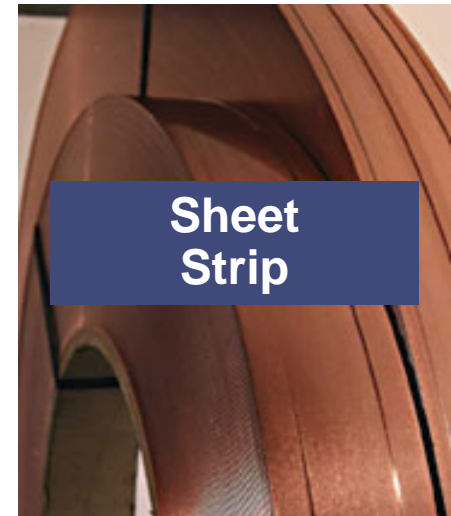


The construction and transport industry are the two most important users of zinc

Source: Brook Hunt

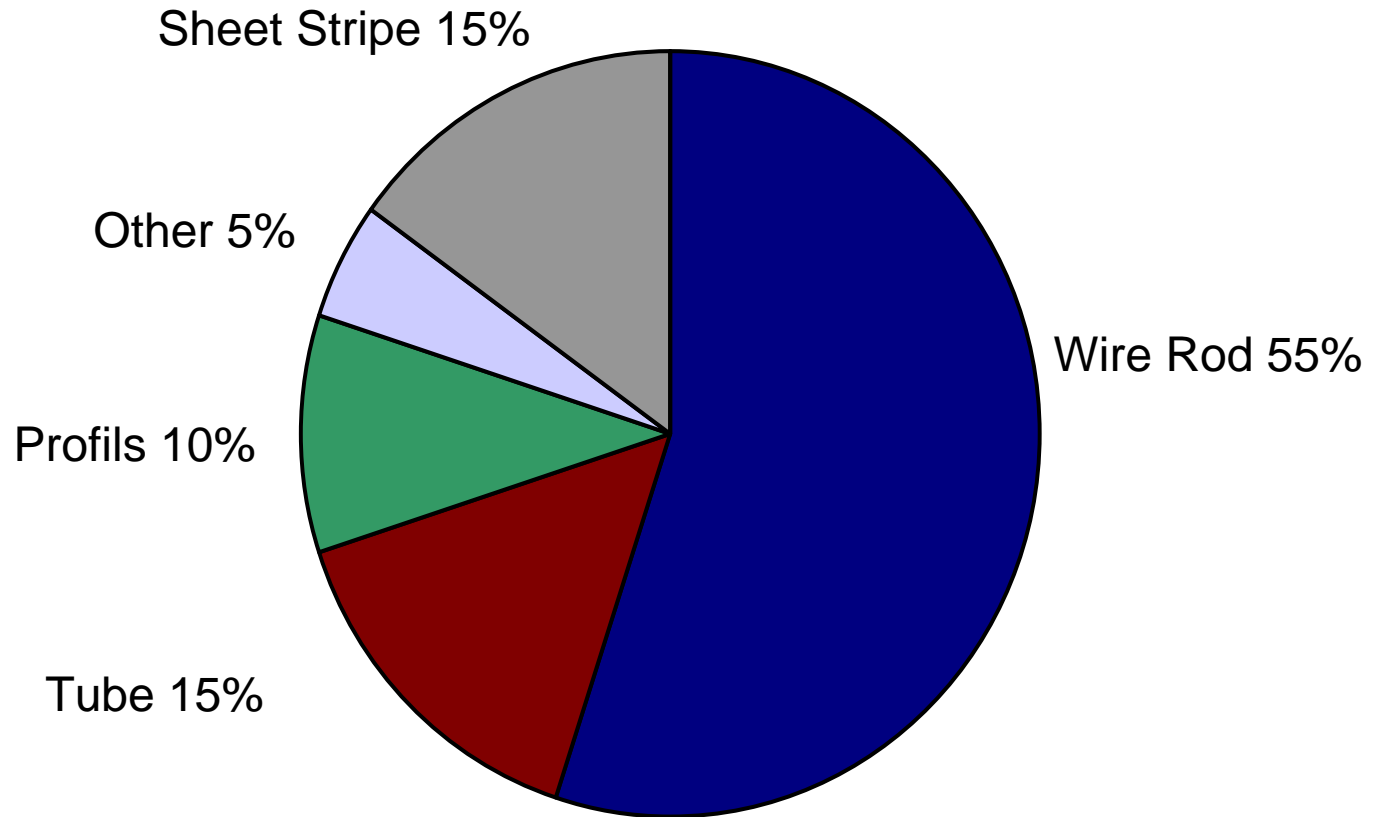


Copper customers

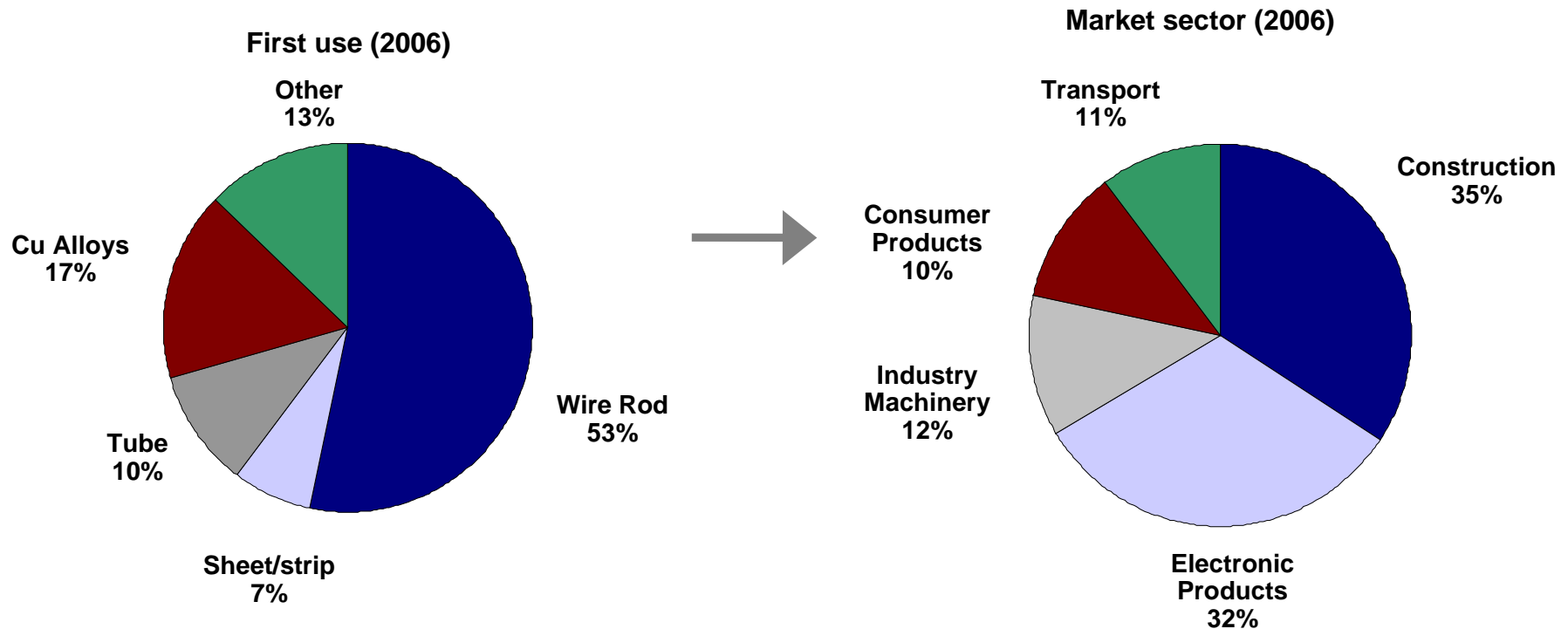


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Boliden Copper Sales by customer segment



The wire rod industry is the largest customer of copper metal – power cables are experiencing highest growth



The construction and Electronic products industry are the two most important users of copper

Source: Brook Hunt

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Strong market share in northern Europe – growth potential in central and southern Europe

ZINC

Region/ country	Total consumption of primary zinc (kt)	Boliden Sales (kt)	Boliden market share
<i>Nordic</i>	125	125	100%
<i>UK</i>	190	85	45%
<i>Germany</i>	520	125	25%
<i>France</i>	300	35	10%
<i>Other</i>	1439	73	5%
<i>Europe</i>	2574	443	17%

COPPER

Region/ country	Total consumption 2006 of cathode copper (kt)	Boliden Sales (kt)	Boliden market share
<i>Scandinavia</i>	286	249	87 %
<i>UK</i>	181	60	33 %
<i>Other</i>	3810	48	1%
<i>Europe</i>	4277	357	8 %

Source: Brook Hunt, Boliden

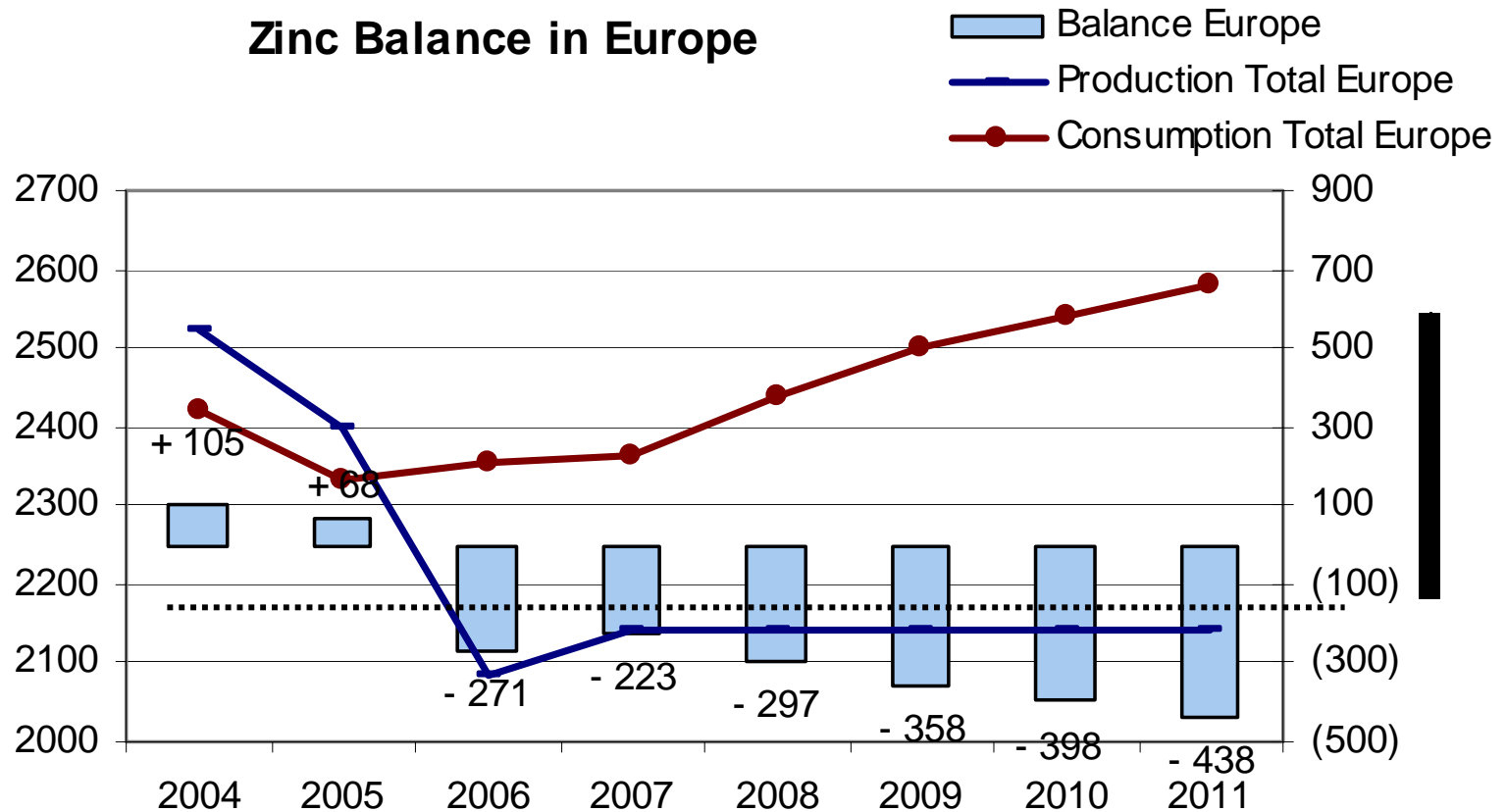
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Content

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- MAMA pricing

The zinc metal deficit continues to be significant and needs to be filled by non-EU sources

Zinc Balance in Europe

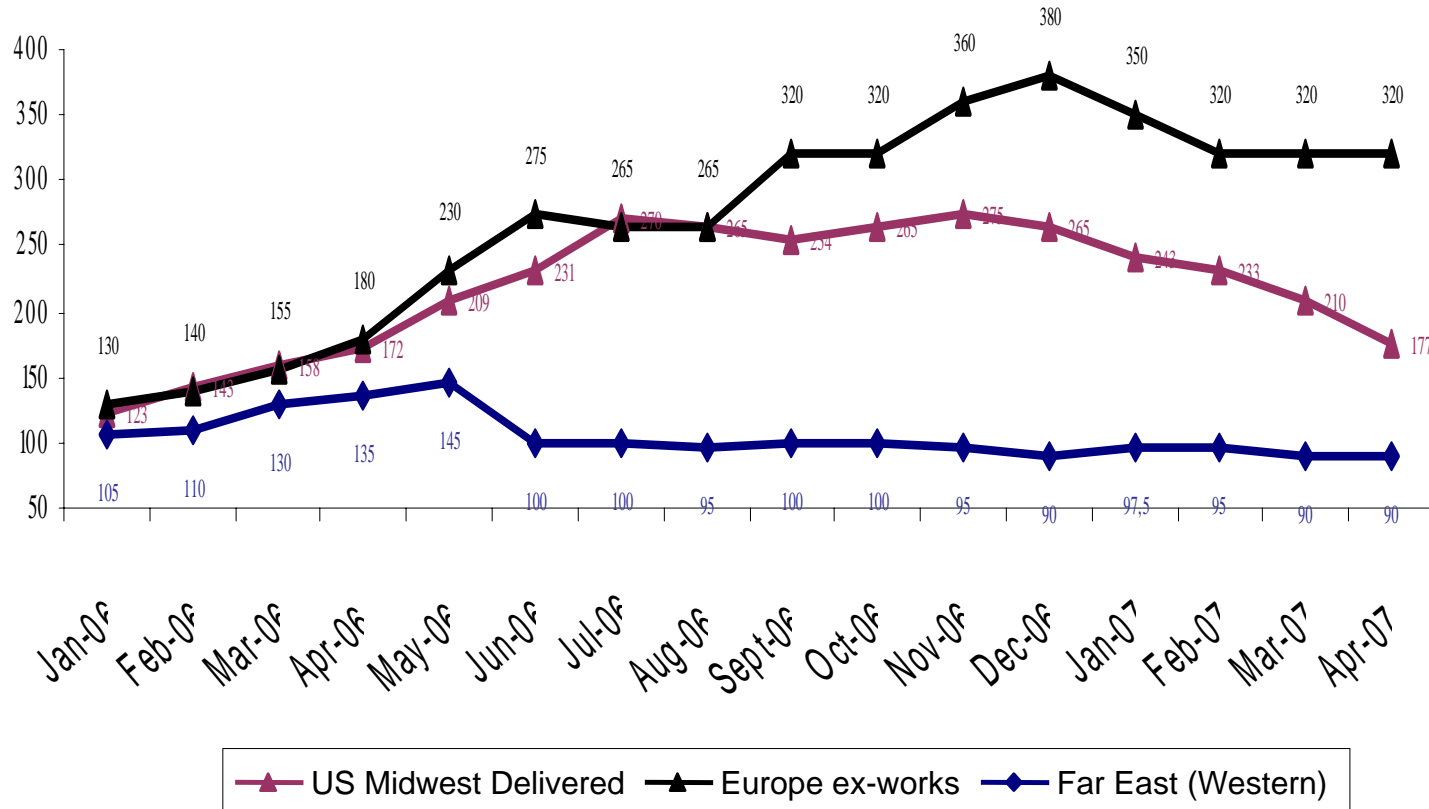


Source: CRU



Zinc metal premiums lower since year end but still on historical high level

USD/tonne



Data: CRU Monitor Zinc



Benchmark Zinc TC for 2007 almost settled

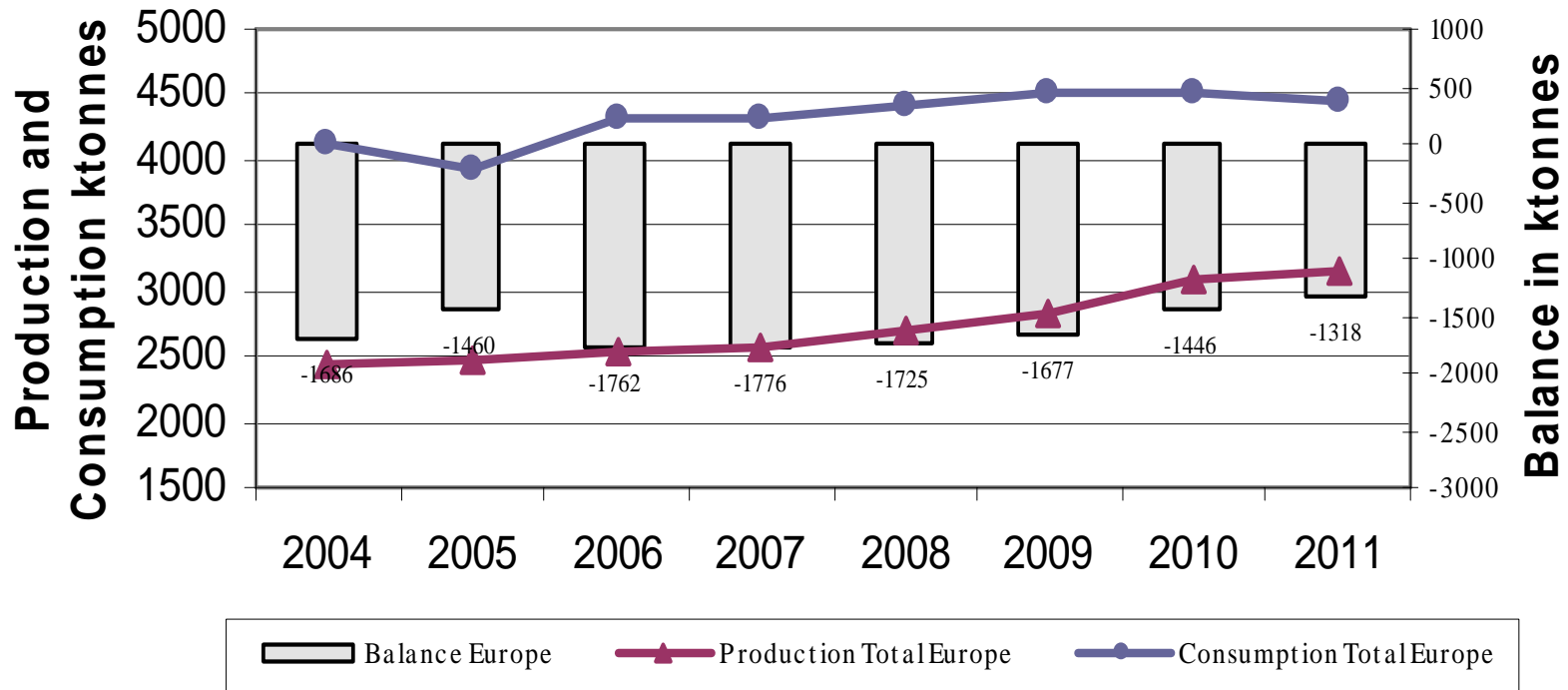
Year	Bas TC	Basis Price	Escalator	Other
2006	128\$	1400\$	+14%/-12%	
2007 A	300\$	3500\$	+8%/-6%	
2007 B	300\$	3000\$	+8,5%/-6,5%	0% 3000-3750\$

Market Contracts	Term Contracts			Spot Contracts				
	2004	2005	2006	2007	Jan	Feb	Mar	Apr
Base TC	141	126	128	195	250	240	270	
Basis Price	1000	1000	1400	0	0	0	0	
Realized TC	148	187	390	195	250	240	270	
Actual Zn price	1048	1381	3272	3786	3309	3258	3543	

data: Brook hunt

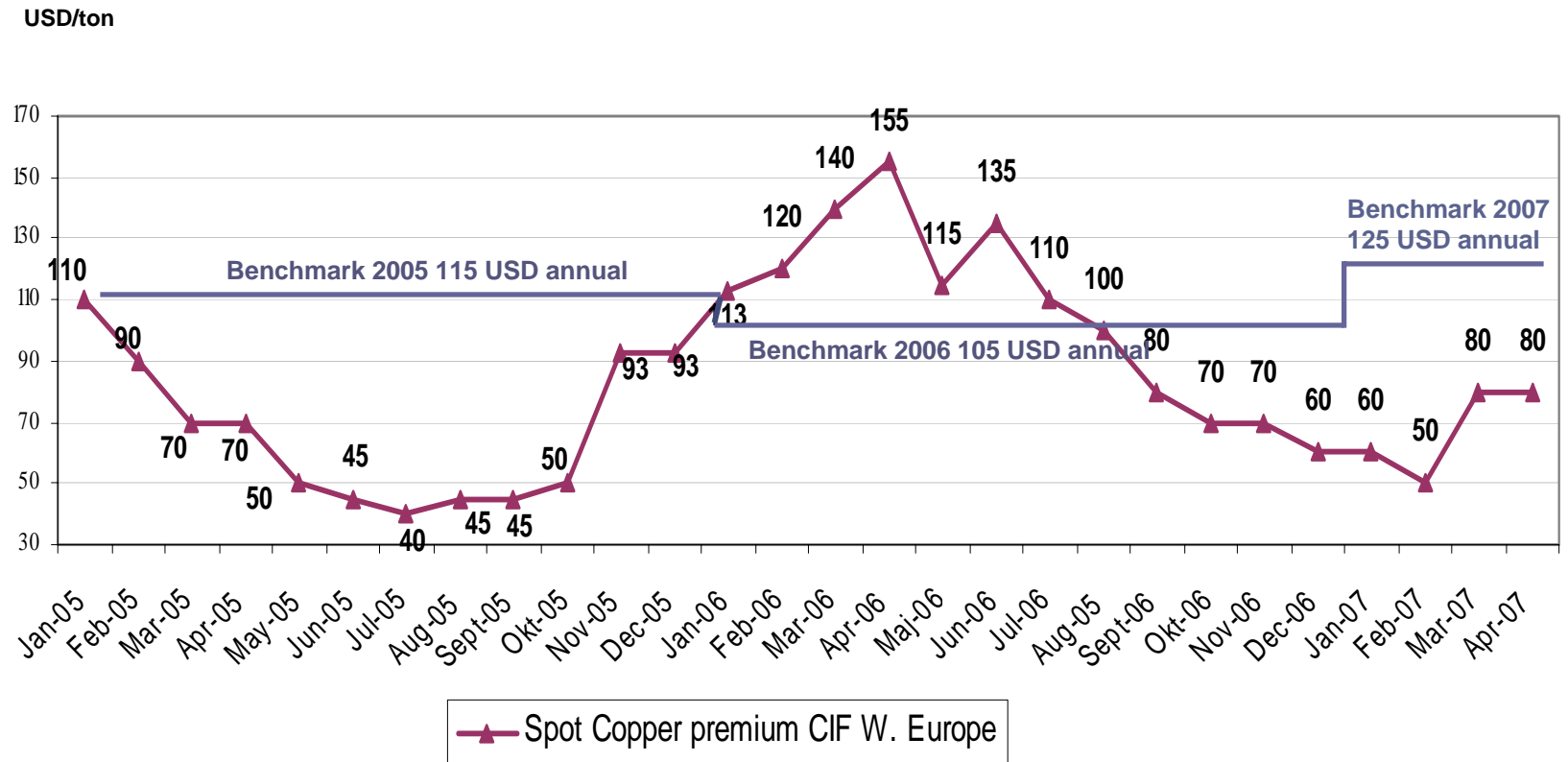


Demand for copper import in Europe is still on high level

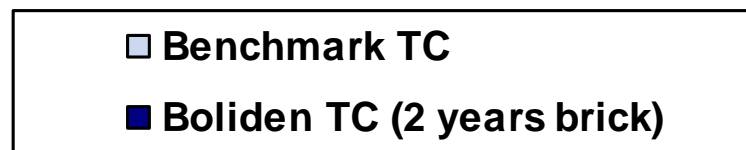
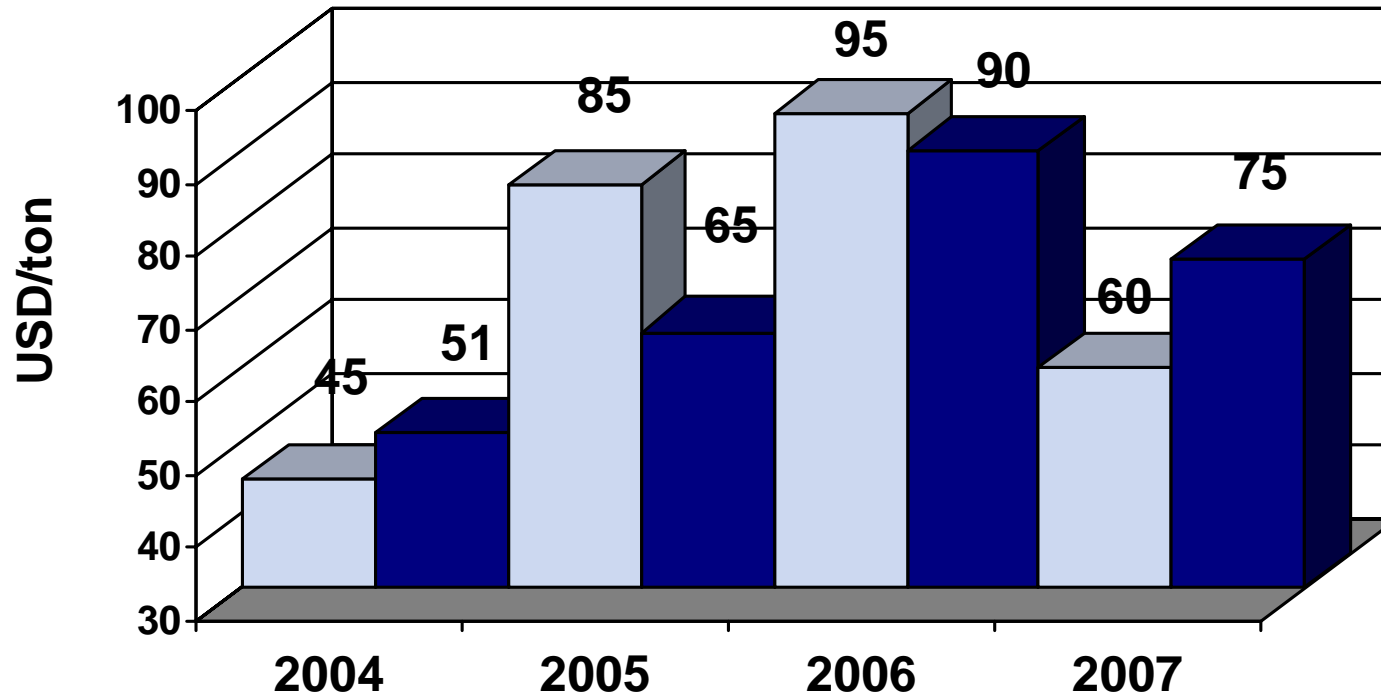


data: Brook hunt

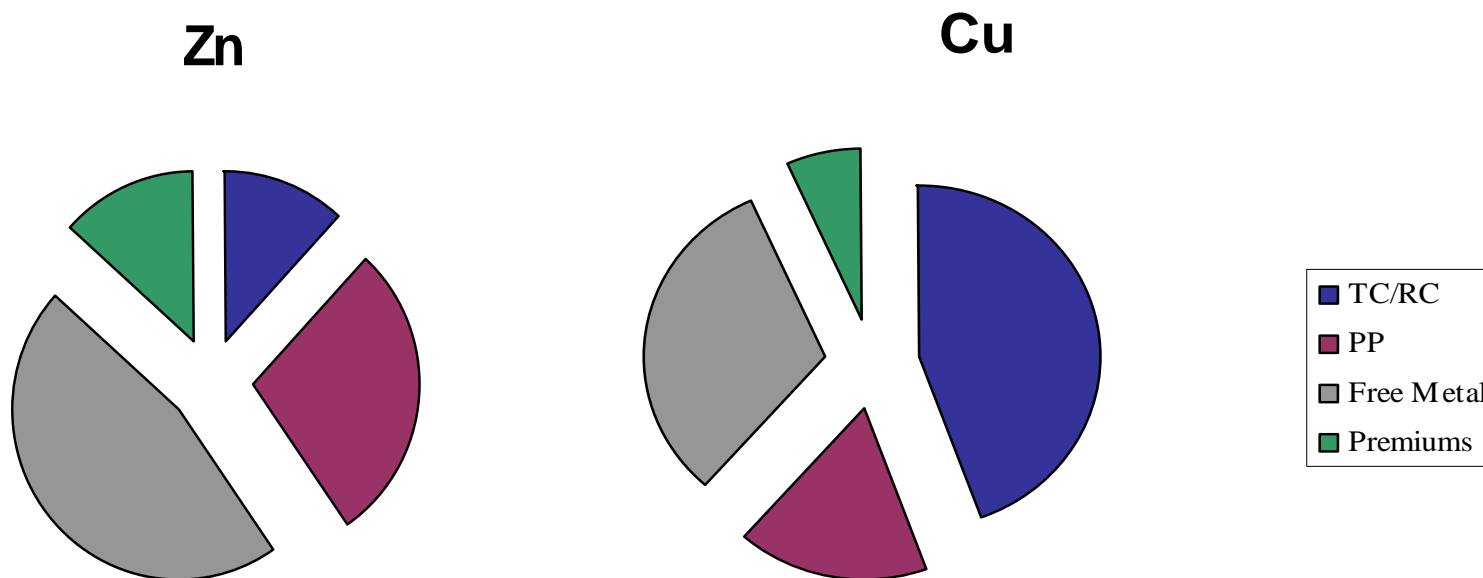
Spot TC increasing as copper market tightens



Two year brick system makes changes in copper TC/RC less volatile



Official TC/RC impact on total revenues



Foot-note: Above figures is from 2006 and the revenue distribution is very dependant on the market situation.

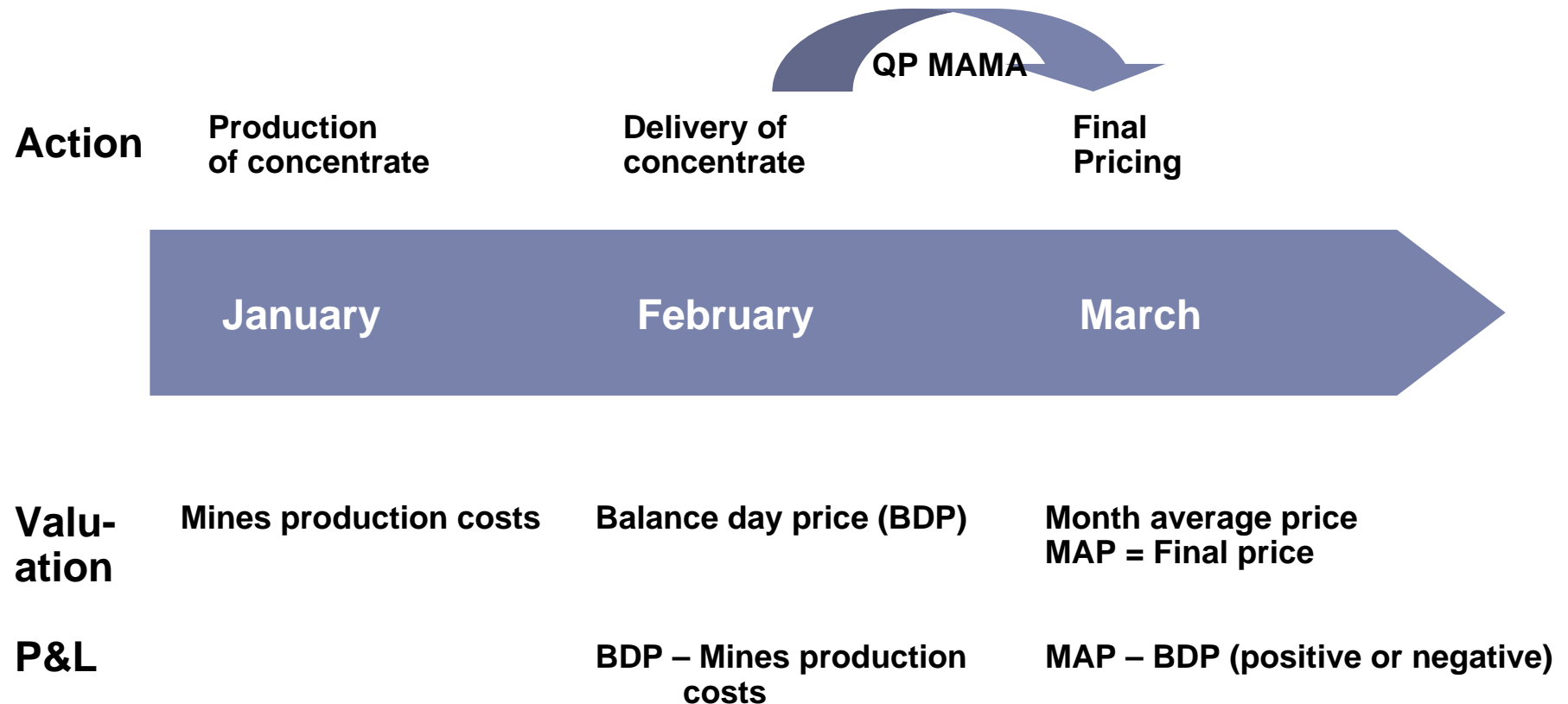
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Ownership and valuation of inventories

<u>Type of inventory</u>	<u>Ownership</u>	<u>Valuation</u>	<u>Off-set hedge</u>	<u>Str. hedge</u>
Concentrates at mines and in harbours	Mines	Production cost	No	Yes, partly
Raw materials at smelters	Market	Balance day price	Yes	No
Metal products	Market	Balance day price	Yes	No
Iron stock (process stock)	Smelters	Lowest of BDP and last months average	No	No

MAMA-Pricing



A nighttime photograph of a city skyline, likely New York City, featuring several illuminated skyscrapers. A construction crane is visible on the left side. The sky is dark, and the buildings are lit up with various colors, including blue and white. The text "Boliden produces metals that make modern life work" is overlaid in white, bold, sans-serif font across the center of the image.

**“Boliden produces metals that
make modern life work”**

BOLIDEN

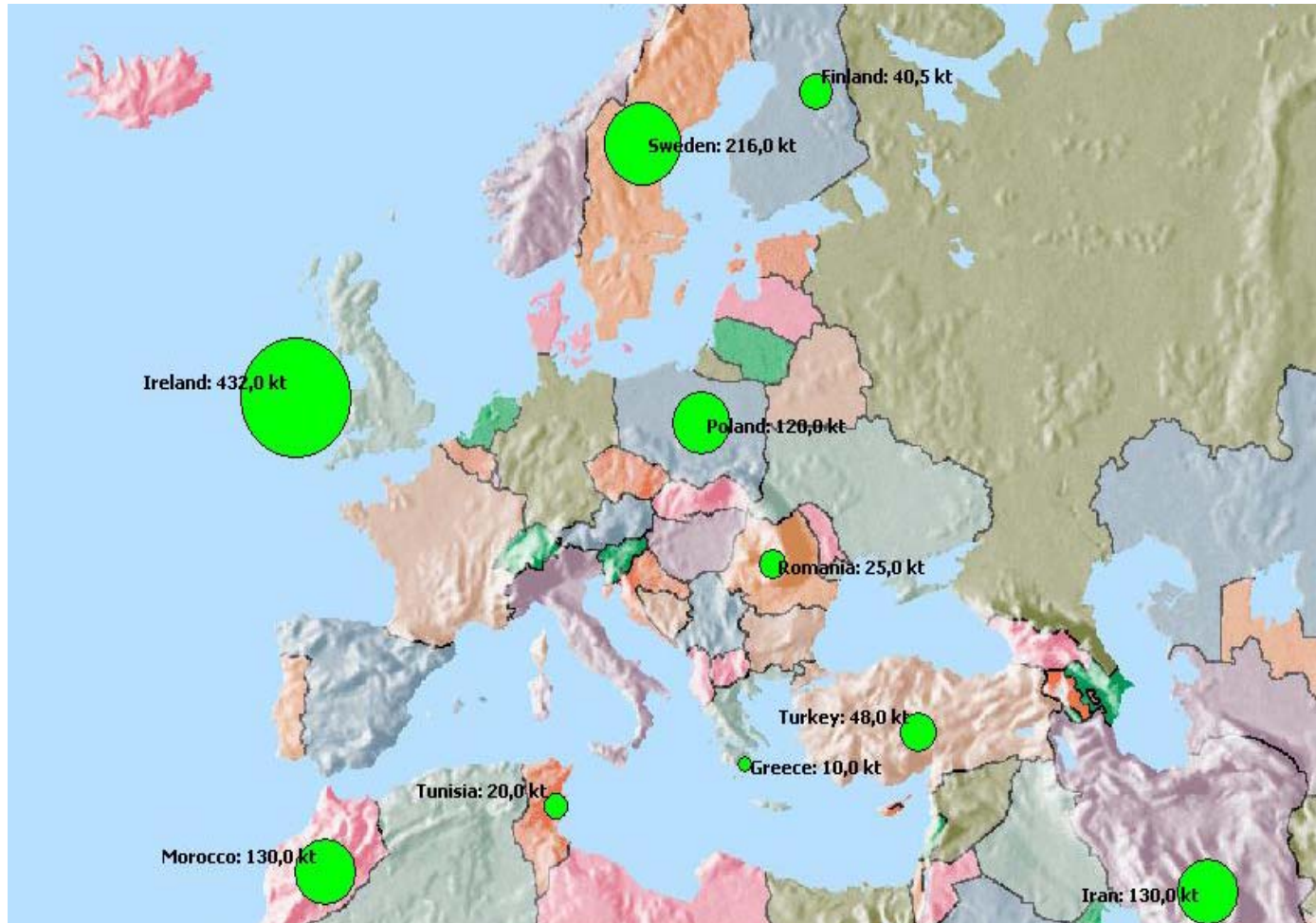


Business Area Mines

Jan Moström, President BA Mines

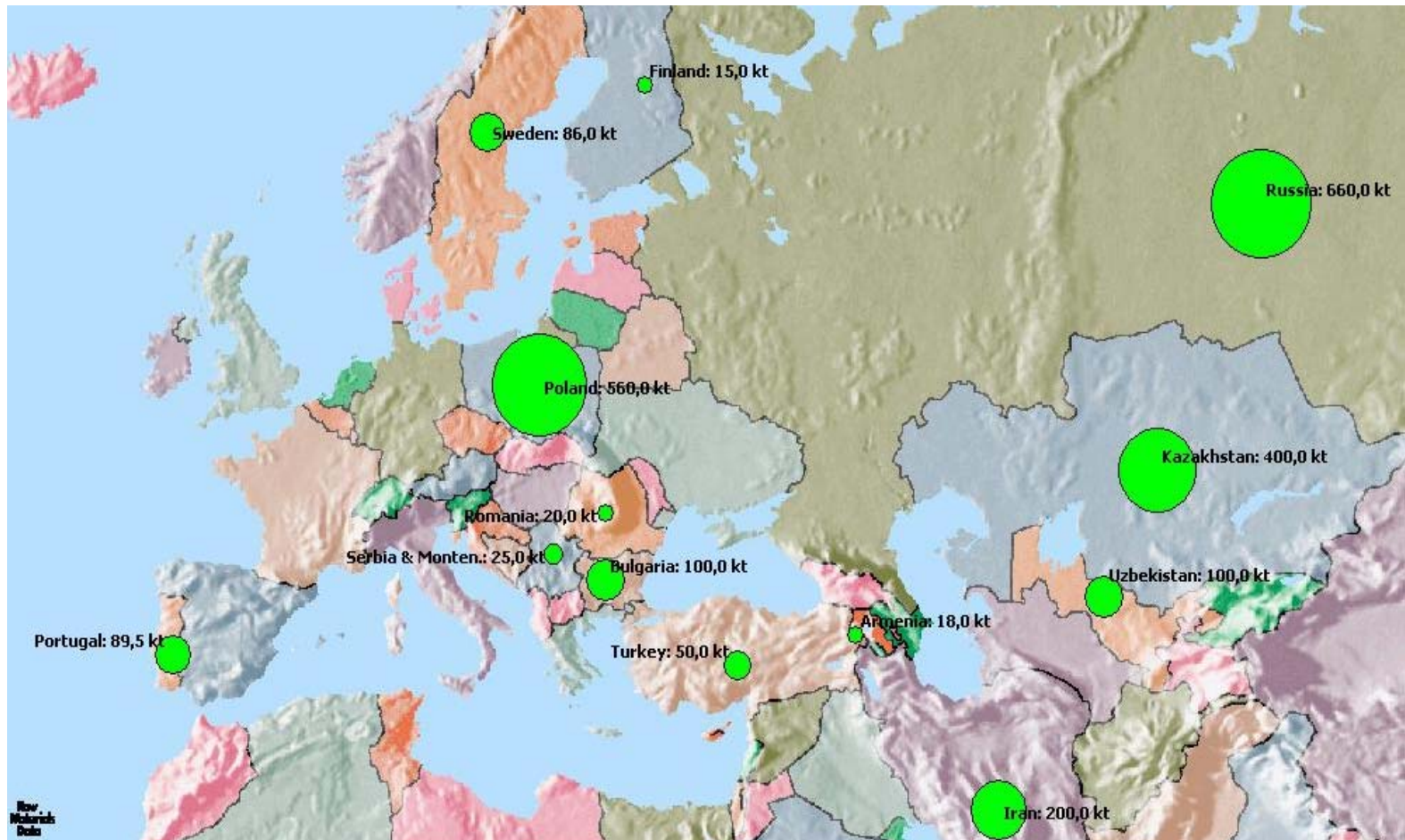
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Zinc mining in Europe dominated by Ireland, Sweden and Poland



Source: Raw Materials Data, Stockholm 2006

Copper mining in Europe dominated by Poland, Sweden, Bulgaria, Portugal. Russia is also a major copper producer



Source: Raw Materials Data, Stockholm 2006

Aitik

- Aitik, with copper, gold and silver, is one of Europe's largest bulk tonnage mines
- Mining operations began in 1968 and over the years the mine has been expanded and production has increased
- Today's known ore reserves should last until the year 2025 at current production level
- No of employees 457



Production 2006

Ore 18.50 Mt

Metal content

Copper 66 100 t

Silver 35 700 kgs

Gold 2 300 kgs

Boliden Area

- The Boliden Area comprises four mines, a concentrator and a gold leaching plant
- In 1925, Europe's richest gold mine was opened at Boliden
- Since then, mining activities have been carried out at 29 mines in the Boliden Area
- No of employees 422

Production 2006

Ore 1.7 Mt

Metal content

Copper 20 100 t

Lead 2 100 t

Zinc 71 700 t

Silver 67 800 kgs

Gold 1 900 kgs



Kristineberg Mine, Boliden Area

Garpenberg

- Garpenberg Mine and Garpenberg Norra are Boliden's mines in the Swedish county of Dalarna
- Boliden acquired the Garpenberg mine in 1957 and commenced production at Garpenberg Norra in 1972
- An extensive mineralization, Lappberget, has been discovered. In 2004, production on a wider scale commenced
- No of employees 275

Production 2006

Ore 1.20 Mt



Metal content

Zinc	61 000	t
Lead	21 100	t
Copper	593	t
Silver	108 100	kgs
Gold	270	kgs

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Tara

- Tara mine in Ireland is the largest zinc mine in Europe
- Production started in 1977, and over 62 million tonnes of ore have been mined since then
- Investment in an improvement programme and extensions to the mine have reduced unit costs
- Boliden acquired Tara at the end of 2003
- No of employees 678



Production 2006

Ore 2.75 Mt

Metal content

Zinc 195 000 t

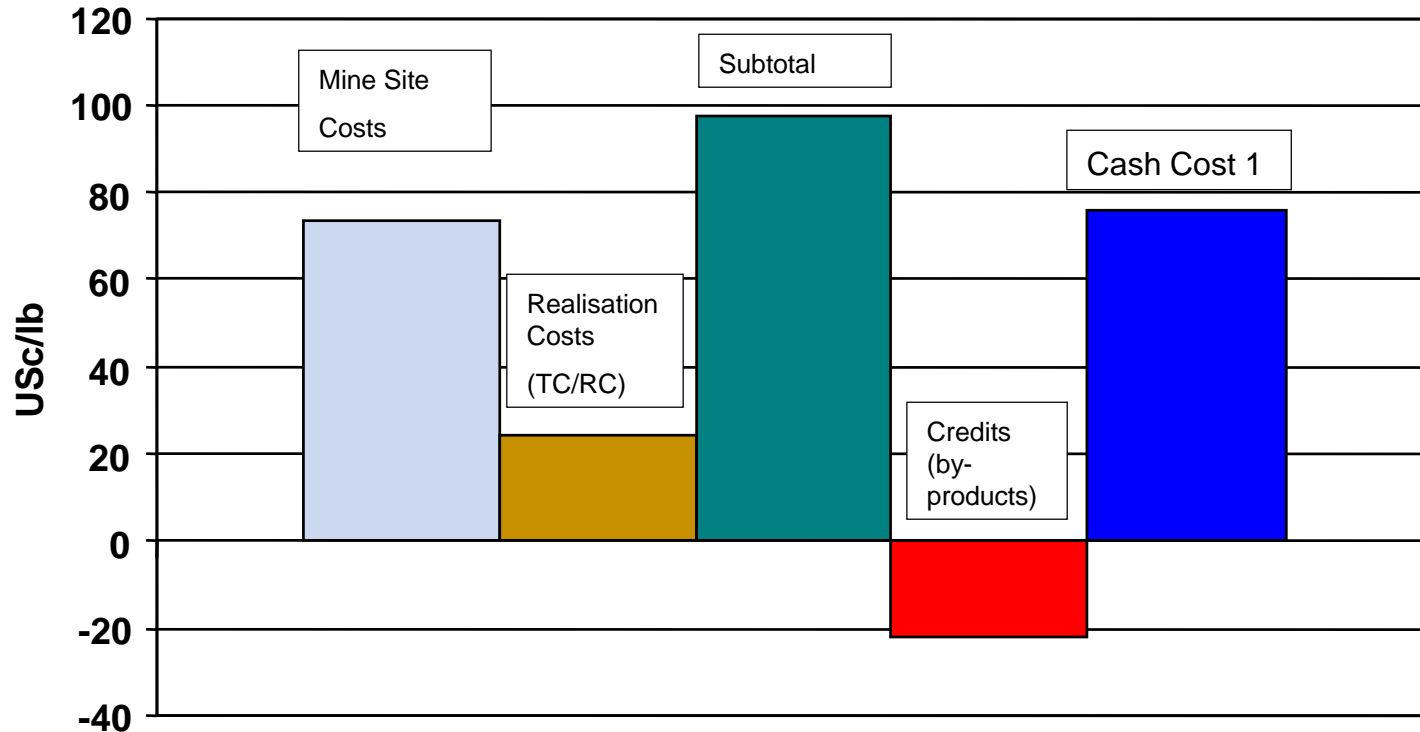
Lead 25 600 t

Business Plan BA Mines

With the purpose to maintain and create conditions for an increased persistent mine production are the following areas of highest priority:

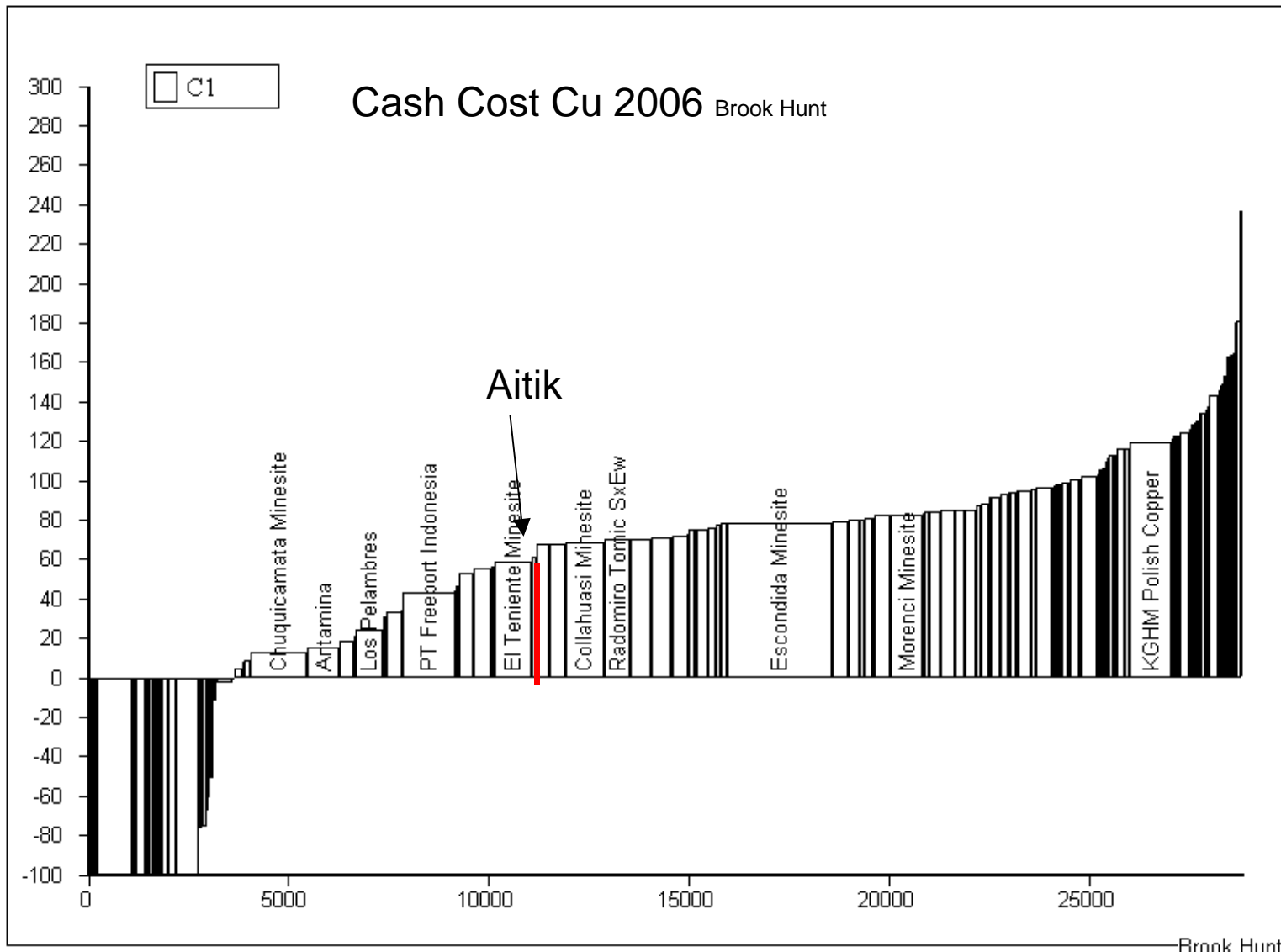
- Cost Efficiency**
- Exploration**
- Expansion**

Cash Cost Copper USc/lb



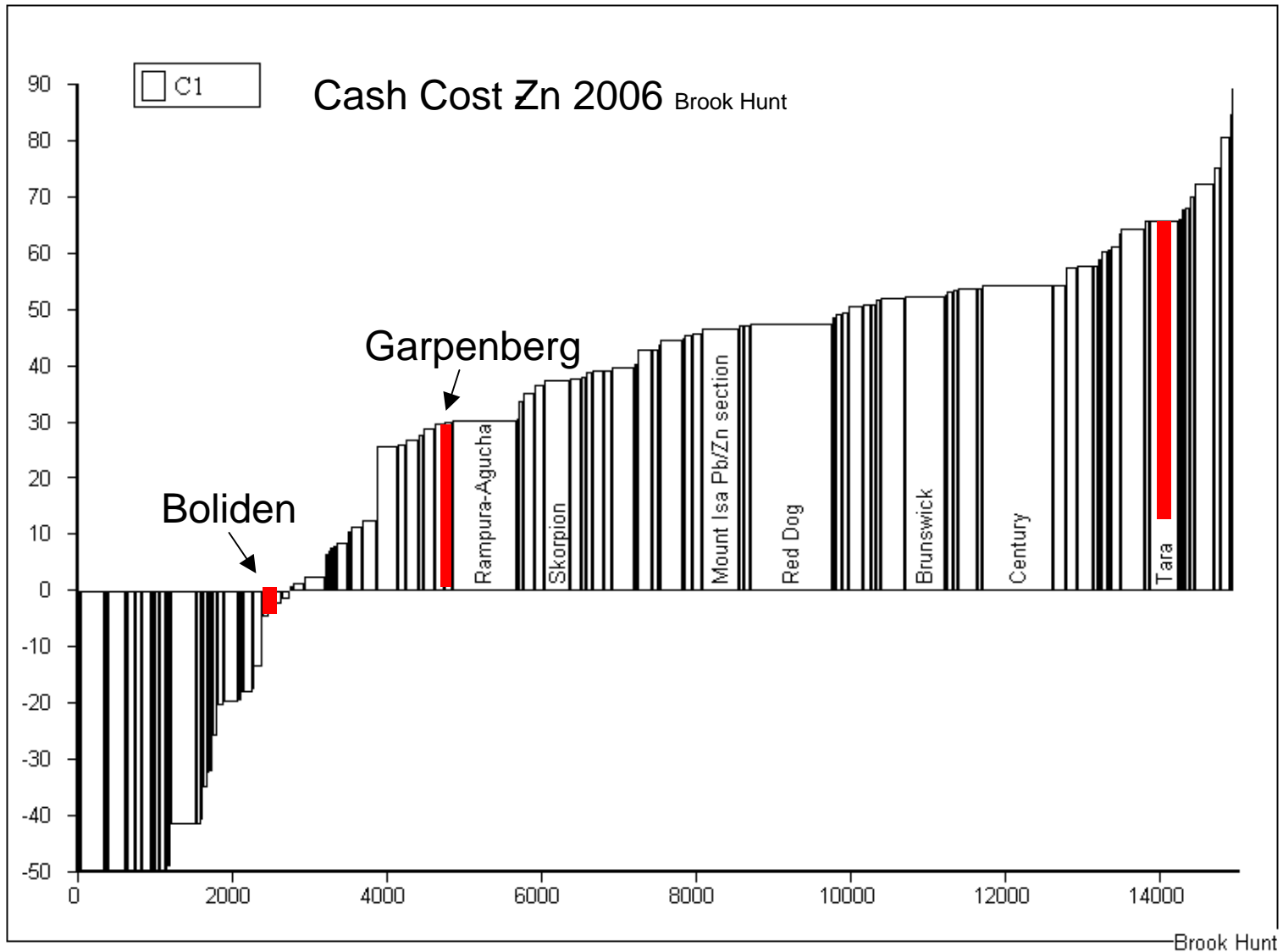
Mine Site Costs etc. are calculated per lb Copper Payable Metal.

Note, USD conversion effects



Brook Hunt



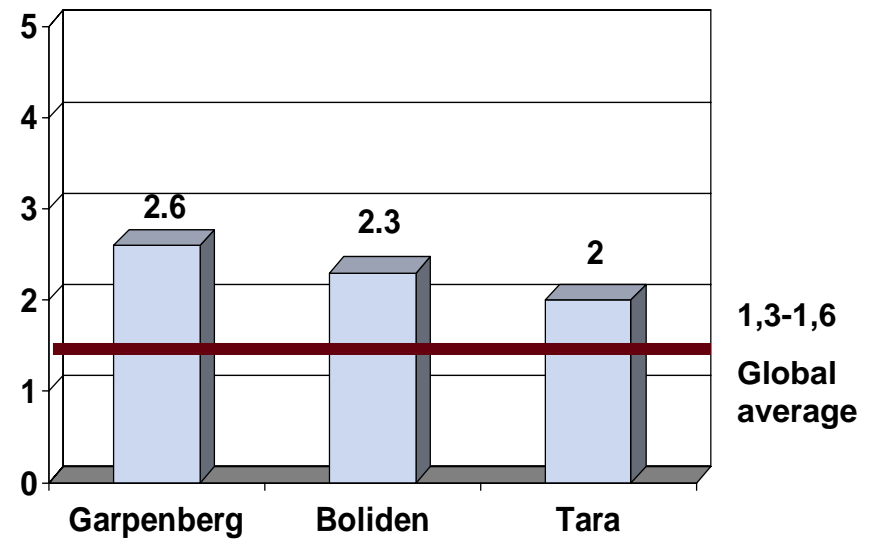
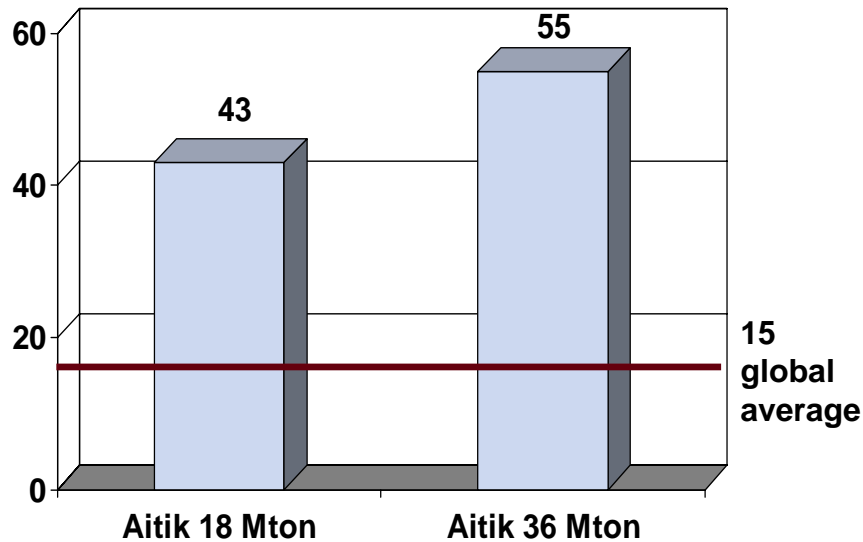


Brook Hunt



Boliden's mines are considered to be among the most productive in the world

Productivity
Ton / man hour



Potentials

- At the mines are the potentials mainly costs and productivity. A potential of 20 - 30 %, on the production cost is estimated.
- The largest potential in revenues (about 5 %) is in the concentrators, (recoveries and concentrate quality).

Exploration

The targets for exploration activities during the period 2007- 2011:

- **10 years' long time planning of ore reserves and mineral resources**
- **Contribute to the balance in mine and smelter production, with a special focus on copper**
- **Contribute to increased growth for the mines**

One of Europe's largest players within base metal exploration

- Boliden's ore base tripled.
- Intensified exploration activities at all mine areas during first quarter.
- Focus on the Boliden area with new findings at Kristineberg, Renström and Maurliden.
- Doubled investment to approx. SEK 300 million (SEK 162) for 2007.



Field exploration

Sweden:

- Skelleftefield (Zn, Cu, Pb, Au),
- Dorotea (Zn, Cu, Pb),
- Bergslagen (Zn, Pb) och
- Aitik (Cu, Au, Mo)

Ireland:

- Tara,
- Limerick (*Zn, Pb*),
- Wexford and
- Longford-areas

Exploration

External growth through:

- Acquisition of advanced projects, deposits, mines, companies
- Joint Venture
- Exploration

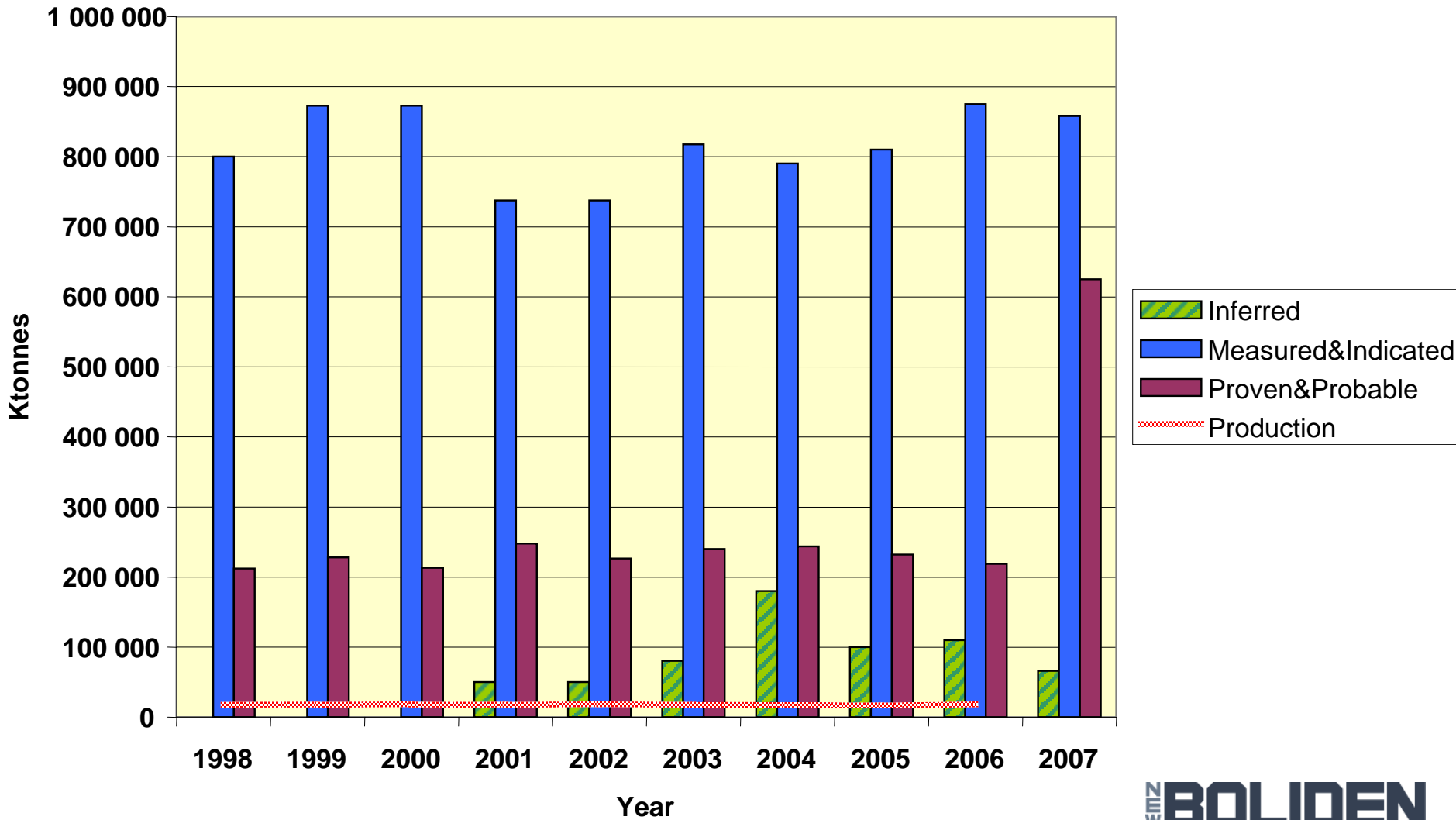
As a logical follow-up after acquisition of deposit/mine

Joint Venture

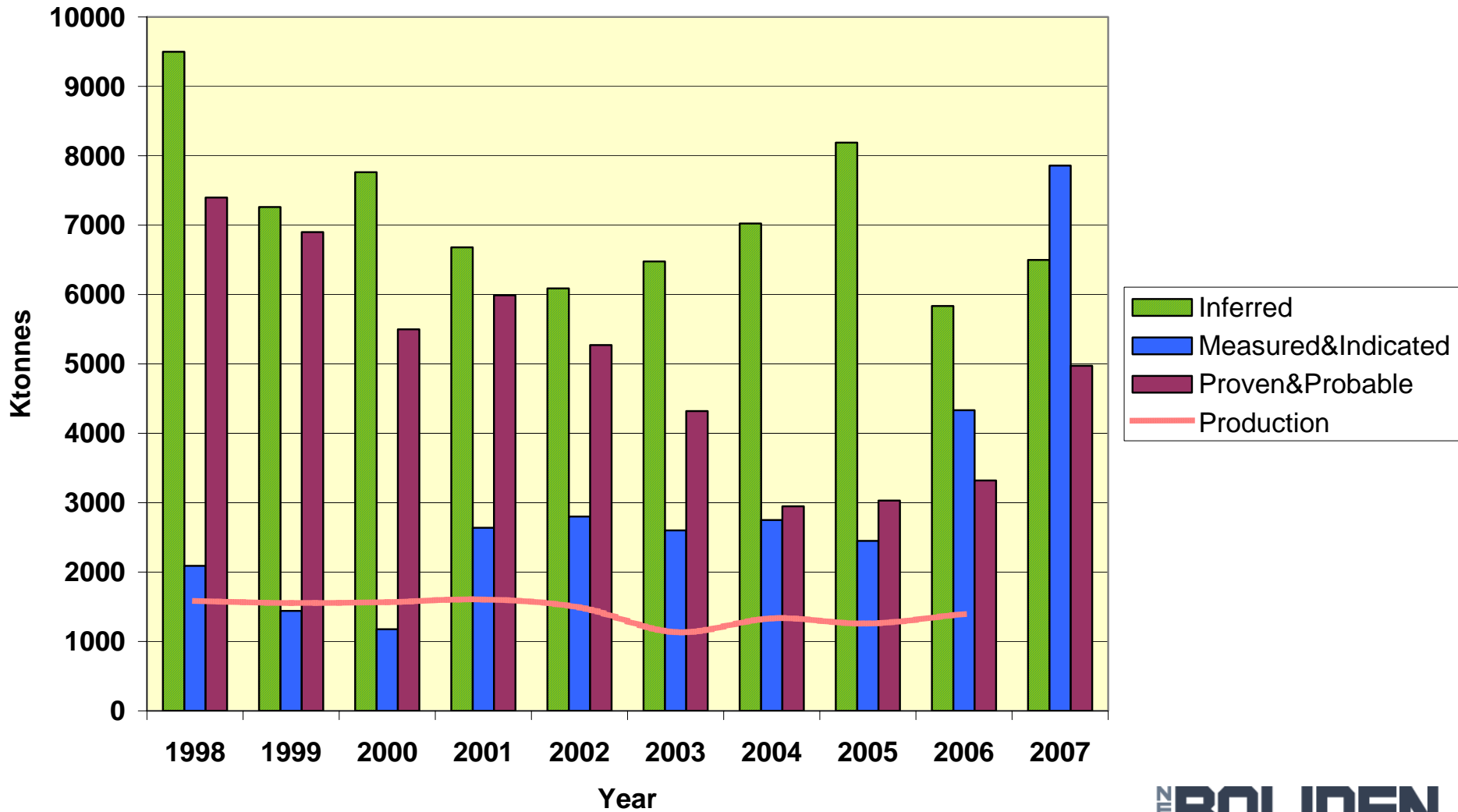
Own exploration

- » Give priority to countries
- » Acquisition of projects
- » Joint Venture

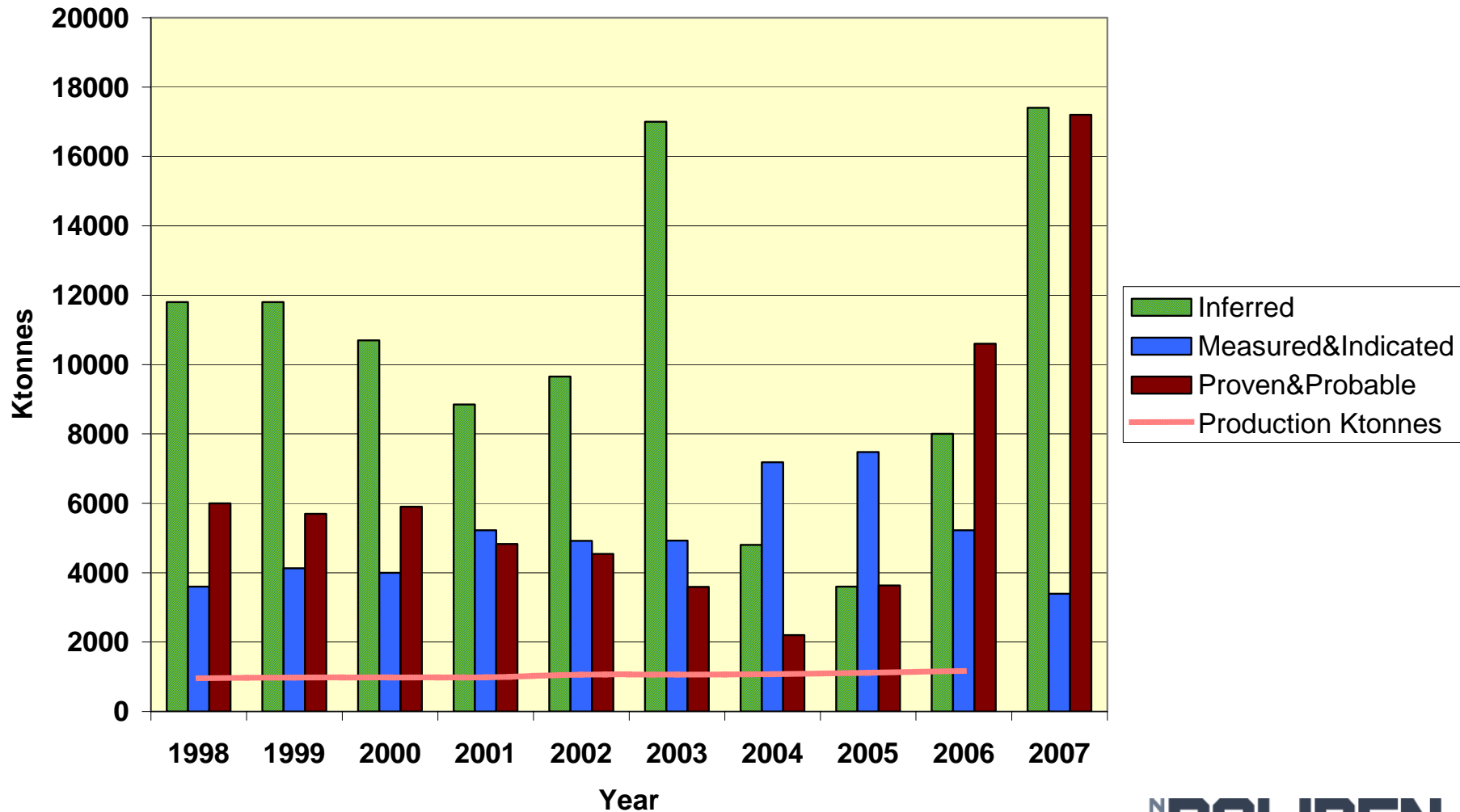
Aitik



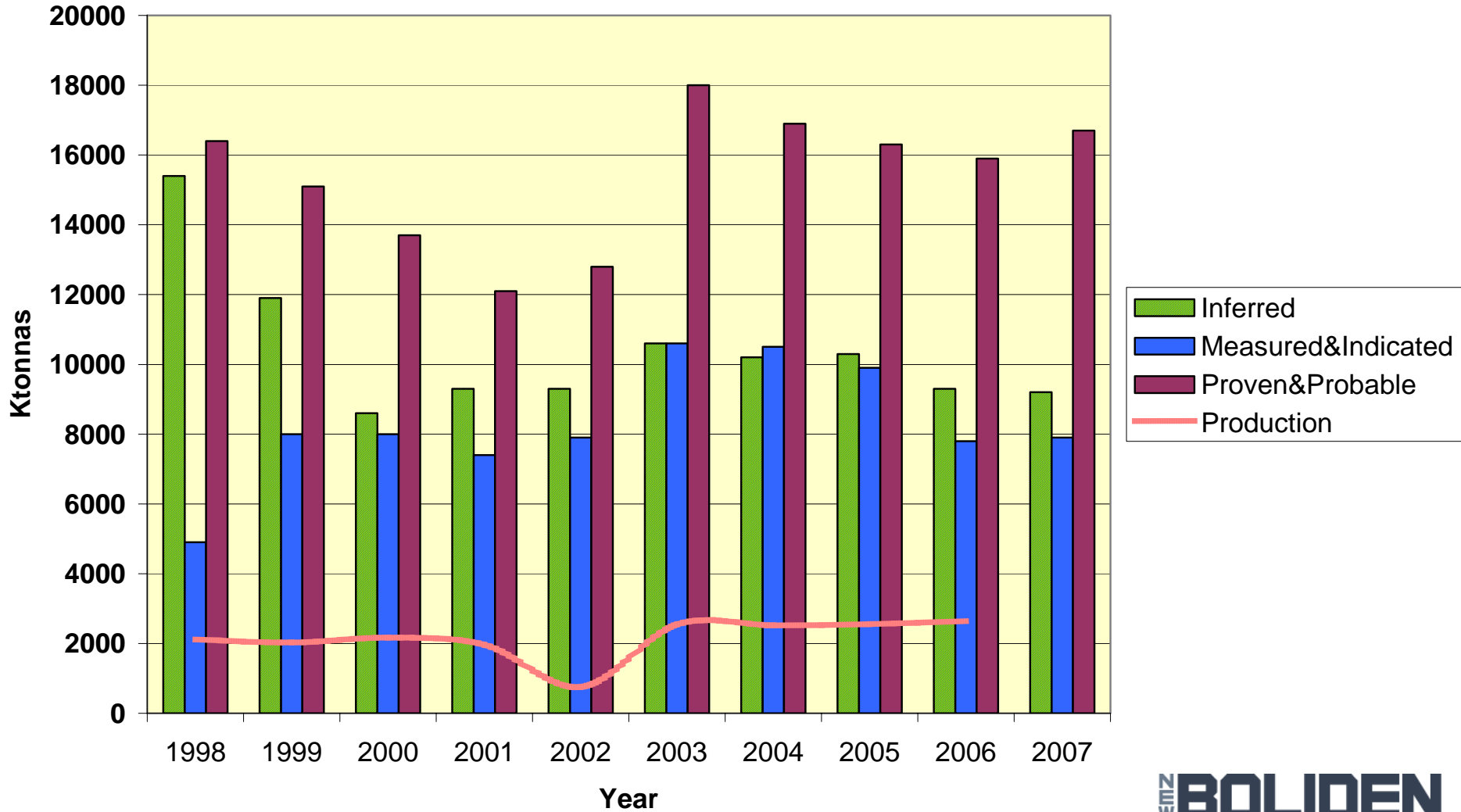
Boliden Area



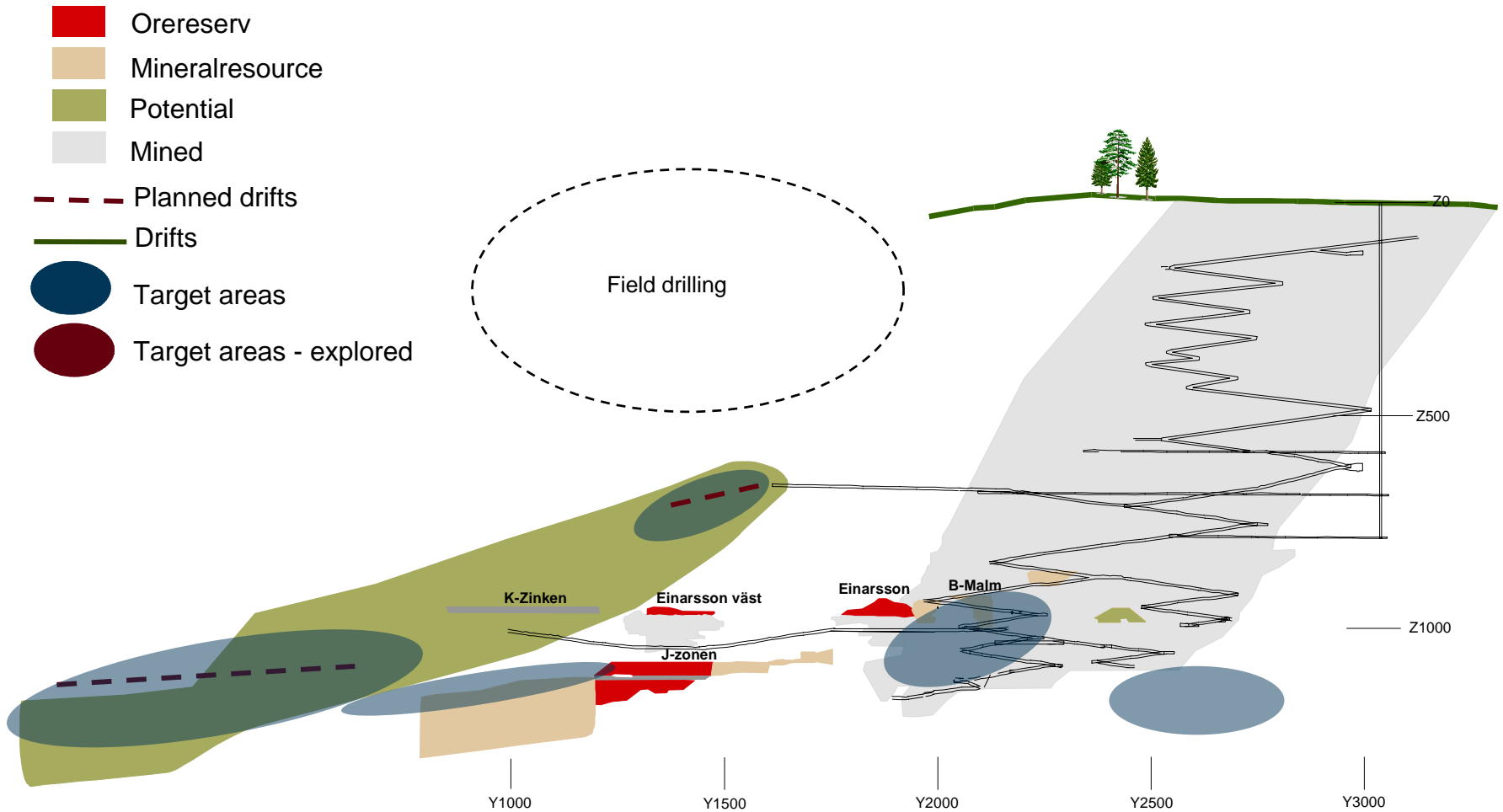
Garpenberg Area



Tara



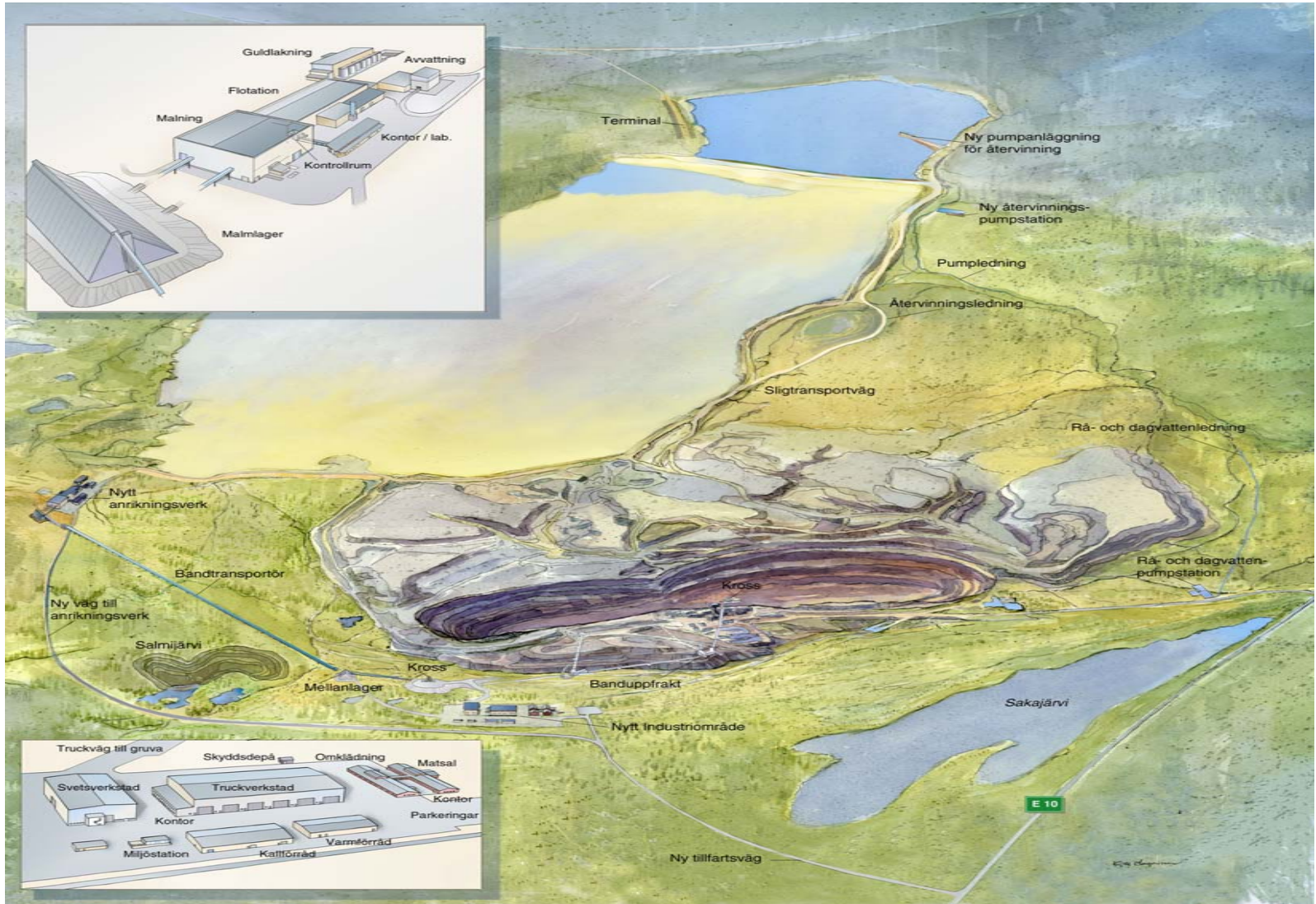
Kristineberg



Expansion

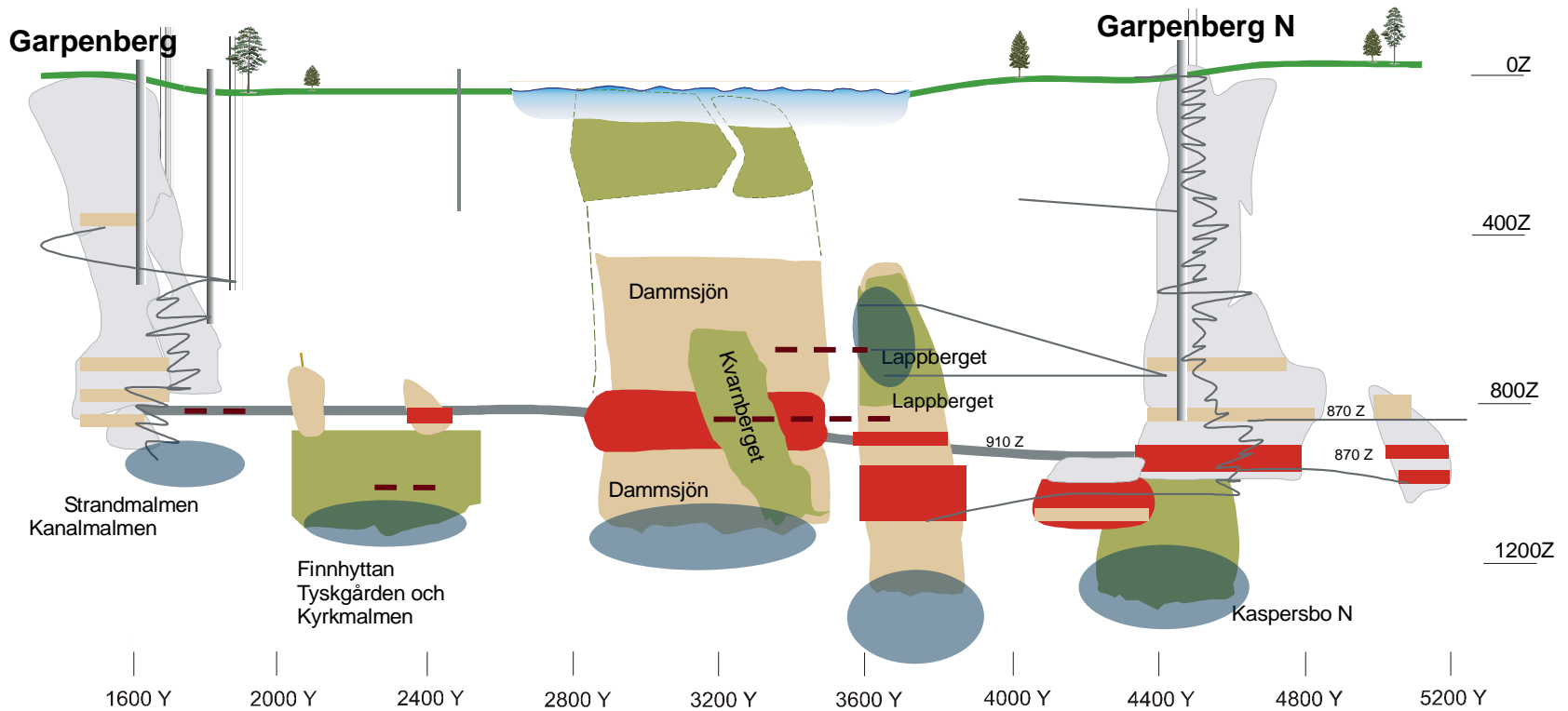
- Aitik
- Garpenberg

Expansion Aitik



Expansion Garpenberg

- Planned drifts
- Drifts
- Target areas
- Target areas explored
- Orereserv
- Mineralresource
- Potential
- Mined





Business Area Smelters

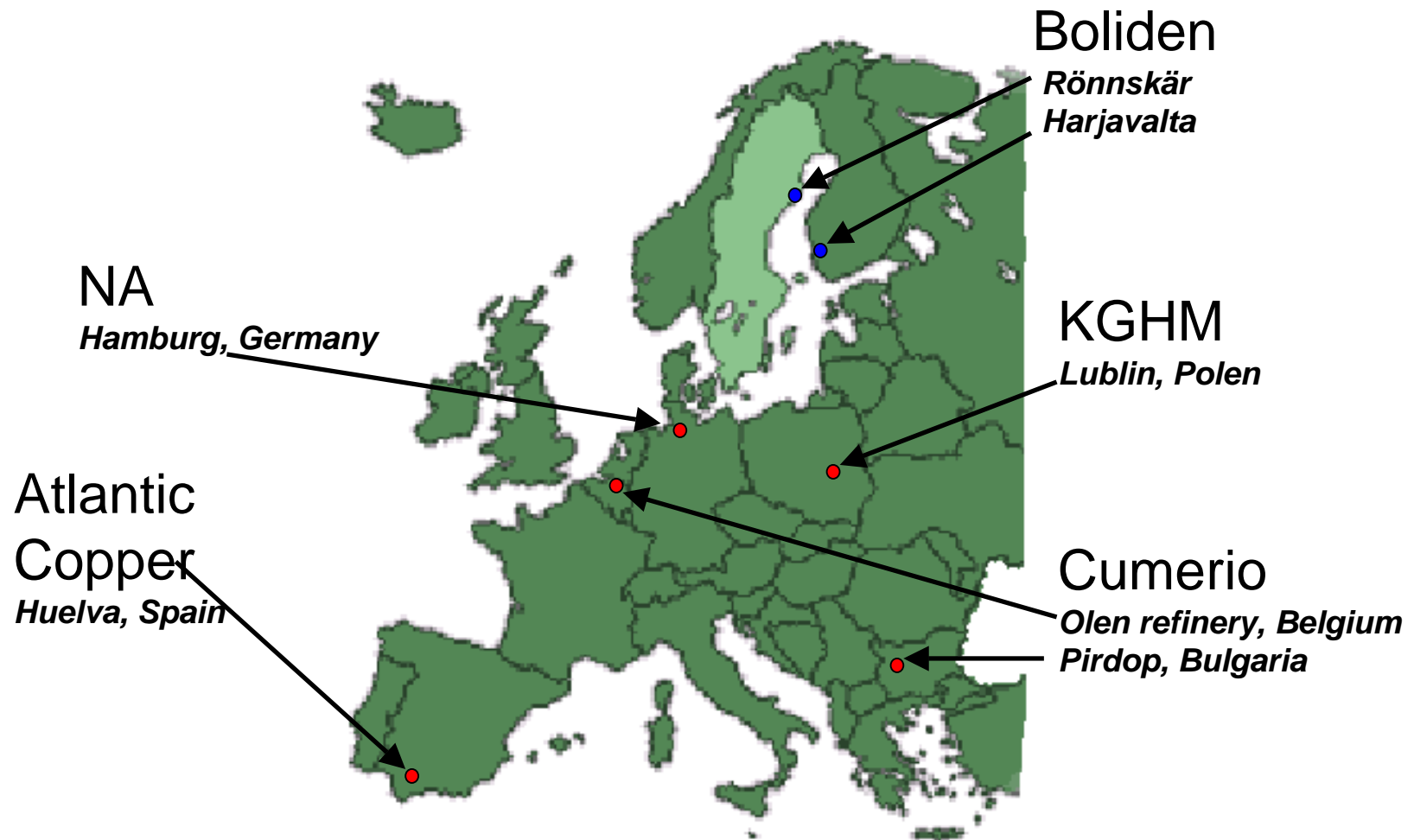
Svante Nilsson, President BA Smelters

Main Zinc Smelter Competitors

slow growth in output in the coming years



Primary Copper Smelter Competitors



Rönnskär

- The world class smelter, Rönnskär, is situated in Skelleftehamn, northern Sweden
- It focuses on sustainable production and maintains very high standards towards environmental requirements and resource-efficiency while treating and refining metals from concentrates and various recycled materials

Production 2006

Copper	229 200 t
Lead	25 500 t
Silver	374 000 kgs
Gold	15 700 kgs
Sulphuric acid	551 300 t
Liquid SO ₂	36 600 t
Zinc clinker	33 300 t



No of employees 813

Harjavalta

- Boliden Harjavalta comprises two plants - a copper smelter in Harjavalta and a copper refinery in Pori. They are both situated on the west coast of Finland
- The flash smelting method, used and developed at Harjavalta, is efficient both environmentally and economically
- Boliden Harjavalta smelts also nickel concentrates on a tolling agreement

Production 2006

Primary copper	164 300 t
Cathode copper	127 200 t
Liquid SO ₂	42 500 t
Silver	40 400 kg
Gold	4 000 kg
Sulphuric acid	632 200 t
Nickel concentrates	205 000 t



No of employees 449

Kokkola

- Boliden Kokkola is situated on the west coast of Finland
- Production at the Kokkola zinc plant started in 1969
- After four expansions the Kokkola plant is one of the biggest, most automatized and most technically advanced zinc plants in the world



Production 2006

Zinc 282 200 t

No of employees 685

Odda

- This sole Norwegian zinc plant is situated in the western part of the country
- The company was founded in 1924, close to a hydro power plant
- A modernisation (88 meuro) was carried out in 2004 and over the last years the environmental performance has been greatly improved



Production 2006

Zinc metal	160 700 t
Sulphuric acid	157 900 t
Aluminium Fluoride	28 800 t
Anhydrite	39 500 t

No of employees 385

Bergsöe

- The only secondary smelter for recycling lead acid batteries in Scandinavia
- One of the cleanest smelters in Europe
- Among the five largest secondary smelters in Europe
- Holds 5% of the European market for secondary lead
- Highly developed environmental standards
- Logistical advantages – harbour, railway and road transports

Metal production 2006

Lead and lead alloys 44 700 t

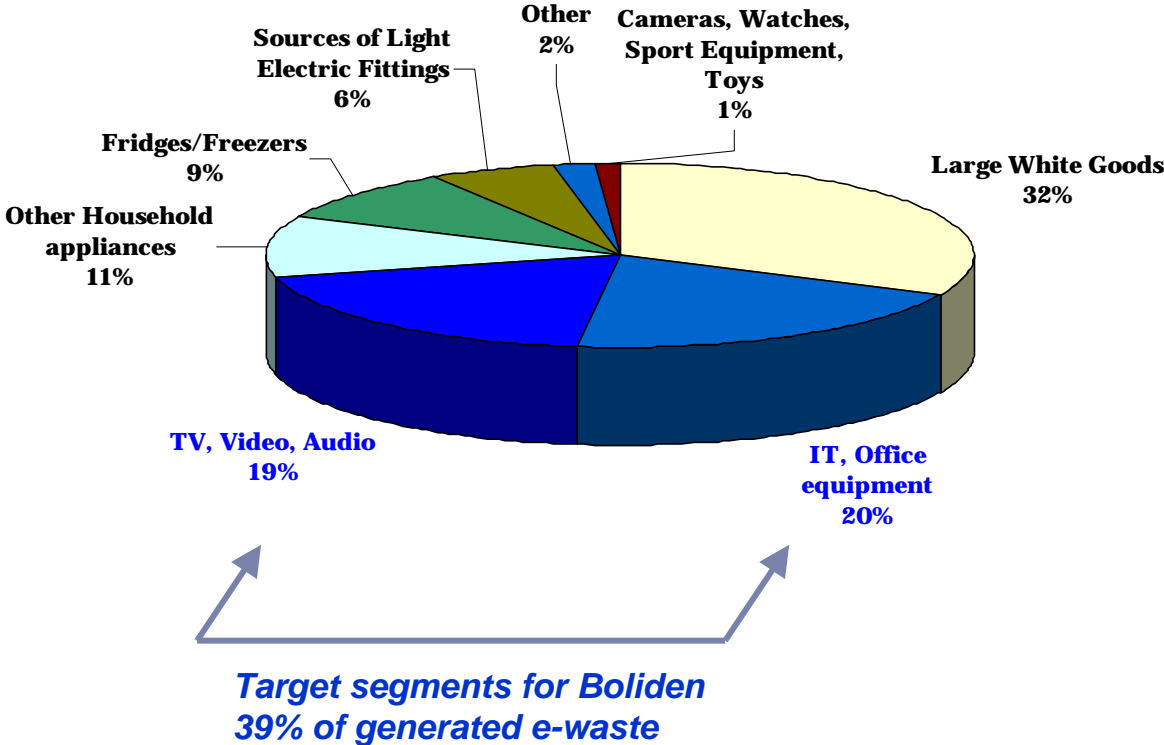


No of employees 101

E-waste is the faster growing segment of all municipal waste stream in developing countries

WEEE generated by category in Europe
Approx 9,5 M ton*

- Each European produce in average between 17 and 20 kilos of electrical and electronic waste (WEEE)



* EU 25
Source: Electronic waste Recovery Business 2006, Environmental Impact Assessment Review 2005

BA-Smelters route to operational excellence

- **Commissioning of decided investments**
- **Expansion of secondary raw-materials “two new mines”**
- **Debottle-necking projects**
- **Bench-marking**
- **Material balance**
- **Process groups**
- **Finnish synergy team**