# RUUKKI GROUP

# Unlocking Value To Deliver Profitable, Sustainable Growth



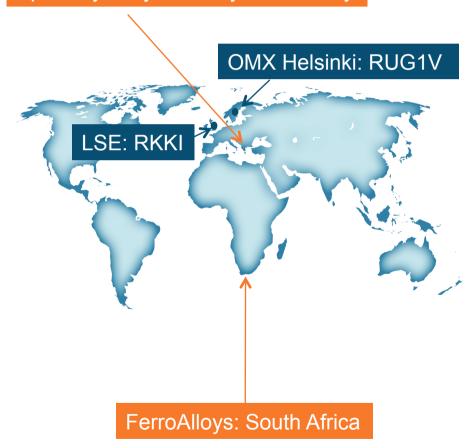




#### Company Highlights

- Ruukki is a growing, integrated ferrochrome producer, supplies specialist products to steel & stainless steel industries, both high growth
- Ruukki's DC smelting technology approx 20% cost efficiency over conventional ferrochrome smelting processes
- Ruukki's chromite resources sufficient for +20 years post expansion
- Ruukki has highly experience board & management team (eg. ex-Anglo American, BHP Billiton, Lonmin)
- Deliver shareholder value through profitability and growth
  - Strong cash position (€100m) provides corporate flexibility
  - Targeting to be Top 5 global ferrochrome producer

Specialty Alloys: Turkey & Germany



### **Corporate Information**

Shares in issue	248,207,000
Market Cap (30 May	£366m
2011)	€407m
Year End	31 December
Brokers	Investec / RBC
<b>LSE</b>	RKKI
52wk high	177.00p
52wk low	144.50p
OMX Helsinki	RUG1V
52wk high	€2.03
52wk low	€1.00

Management Team			
Thomas Hoyer	CEO		
Dr Danko Koncar	Enterprise Director		
Theuns de Bruyn	Chief Operating Officer		
Dr Stefano Bonati	Chief Commercial Officer		
Markus Kivimäki	General Manager: Corporate Affairs & Company Secretary		
Kalle Lehtonen	General Manager: Finance		
Dr Alistair Ruiters	Executive Chairman, Ruukki South Africa		

Major Shareholders					
	%				
KERMAS	29				
ATKEY	21				
HANWA	12				
NORDEA BANK	7				
EVLI BANK NOMINEES	7				
JP MORGAN ASSET MGMT	5				
S.E.B NOMINEES	4				
MARKKU KANKAALA (Founder)	3				
MONCHEUR & CIE	3				

Analyst Coverage				
Tim Huff	RBC Capital Markets			
Hunter Hillcoat	Investec			

HINO RESOURCES

VEIKKO ESA HUKKANEN (Founder)



### Rapid Transformation from Conglomerate into Focused Mining Company

2008 2009 2010 2011

- Kermas becomes largest shareholder in Ruukki Group
- Entered mining & metals sector through acquisition of Speciality Alloys business in Europe
- Acquisition of FerroAlloys processing business in South Africa
- New management appointed for wood business
- Turnaround of wood business started

- New Board formed
- Mining and metals focused strategy agreed
- Listed on the LSF.
- Acquisition of Chromex Mining
- Wood business turnaround successfully completed

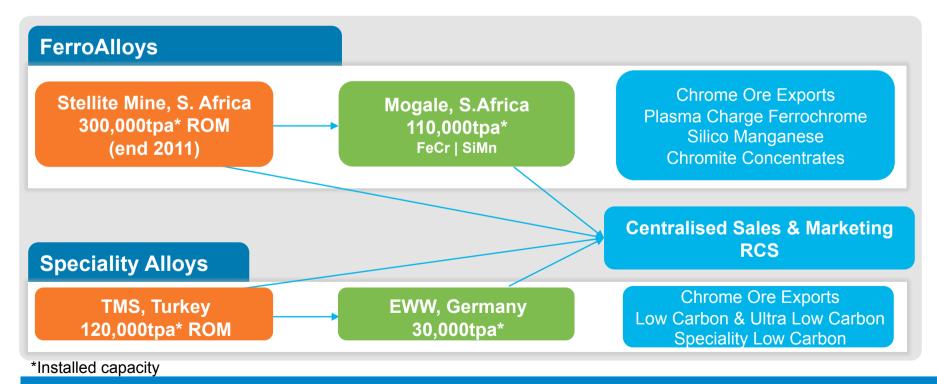
- Divestment of wood assets (completed)
- Restructure of management team (completed)
- Transformation into pure mining & minerals processing business
- Improve current operating assets
- Feasibility Studies on 2 DC furnaces & power generation

#### Ruukki is an Integrated Mine to Metals Ferrochrome Producer









### Ruukki's Product Range Supplying Global Customers

	Increasing the value added							
Product	Chrome Ore	Plasma Ferrochrome Stainless Steel Alloy	Silico Manganese	Low Carbon Ultra Low Carbon Speciality Low Carbon Ferrochrome				
Customers	Ferrochrome smelters	Stainless steel mills	Carbon steel mills	Tool & high speed steels Engineering steel High strength low alloy steel Carbon steel mills				
End-use sectors	Stainless steel mills	Cutlery Automotive Appliance Construction Architectural Rail Chemical applications	Automotive Construction Infrastructure Housing Appliance Shipbuilding Industrial machinery Rail	Aerospace Automotive Engineering Plastics Machinery Yellow goods (mining equipment) Structural applications Nuclear power plant tubing/pipes				

#### **Developing South African Organic Growth Opportunities**

# Phase 1: Short Term Increase Chrome Ore Production

- Expand production at Stellite, "base load"
  - Relatively low capex to substantially increase production
- Develop Mecklenberg
  - Under Feasibility
- Increase chrome ore exports to China
  - Generate cash flow

# Phase 2: Medium Term Expand Processing Capacity

- 2 DC Furnaces, 70MW each, total installed production capacity of 280,000tpa
- Site selection & feasibility work underway
- 24 month construction period
- In discussion with major Asian corporates for financing & construction

#### Phase 3: Long Term Secure Power Supply & Industry Consolidation

- Secure power supply to manage key cost input, either own plant or in partnership with industry partners
- Participate in industry consolidation: strong balance sheet (€100m cash) provides good base

## Group key figures Q1 2011

### Revenue and EBITDA increased

EUR million	Q1 2011	Q1 2010	FY 2010
Revenue	34.8	30.1	123.3
EBITDA	3.5	-0.5	-8.4
EBIT	-3.6	-6.9	-75.6
Net Profit After Tax, continuing operations	-3.1	-5.3	-65.3
Net Profit After Tax, discontinued operations	43.0	0.8	14.2
Consolidated Profit	39.9	-4.4	-51.1

Profit for the period includes EUR 40.8 million gain on disposal of the house building business.

Fluctuations of exchange rates between euro, South African rand, Turkish lira and US dollar can significantly impact the Group's financial performance

## FerroAlloys Q1 2011 Performance

Production increased due to acquired Stellite mining asset

EUR million	Q1 2011	Q1 2010	FY 2010	
Revenue	14.6	17.8	54.0	Production increased due to
EBITDA	0.0	2.7	-1.0	acquired Stellite mining asset
				Manala'a larga furnasaa
EBIT	-2.6	0.6	-50.2	Mogale's large furnaces operating well
				Revenue & EBITDA
Production in tonnes				impacted by:
Mining	31,987	NA	NA	- Build-up of stockpiles
Processing	28,942	21,169	65,040	- Feasibility study costs
Mining including both chromite concentrate and lu	ımpy ore production	า.		

### Speciality Alloys Q1 2011 Performance

### Production increased by new concentration plant in Turkey

EUR million	Q1 2011	Q1 2010	FY 2010
Revenue	20.2	12.1	69.0
EBITDA	5.0	-0.2	7.8
EBIT	0.7	-4.4	-10.0
Production in tonnes			
Mining	19,998	6,549	54,917
Processing	6,881	1,943	17,994

Mining including both chromite concentrate and lumpy ore production.

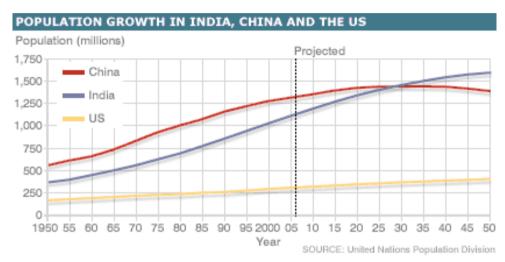
## Substantial production increase:

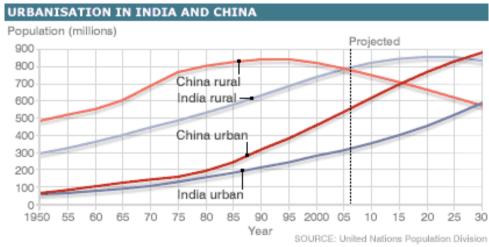
- New concentrate processing plant at TMS
- Increase in mining of lumpy ore

Revenue & EBITDA increase due to increased demand & production

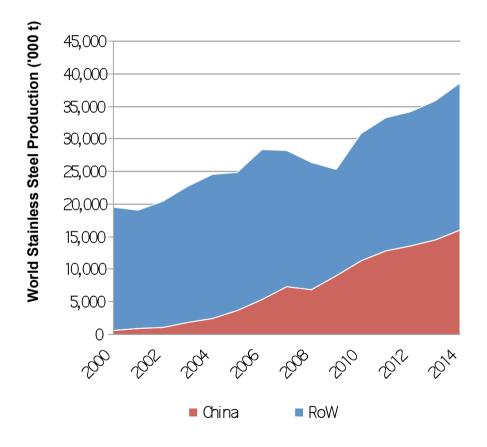
#### One Third Rule: China & India are Driving Force of World Economy

- China & India will continue to consume more & more raw material as their populations grow, develop & urbanise
- India's higher birth rate will narrow the gap - UN expects it to overtake China before 2030
- Both countries are experiencing rapid growth in their urban populations
- In China, number of people in towns and cities likely to exceed the number in the countryside by 2015





### Stainless Steel Production Expected to Increase Over Next 5 Years

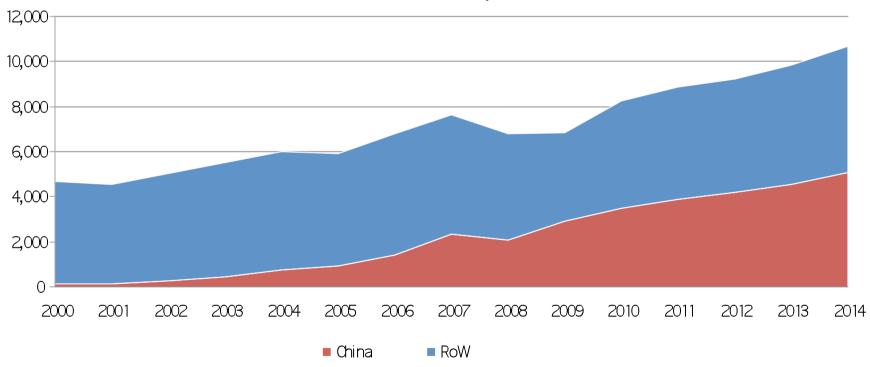


m tonnes	USA	West Europe	Japan	China	Other	World
2000	2.36	7.95	3.83	0.63	4.71	19.48
2010	2.13	7.12	3.48	11.36	6.75	30.84
% change	-10%	-10%	-9%	+1700%	+43%	+58%
2014	2.63	7.87	3.82	16.02	8.25	38.59
% change	24%	10%	10%	41%	22%	25%

Source: CRU, Stainless Steel Production

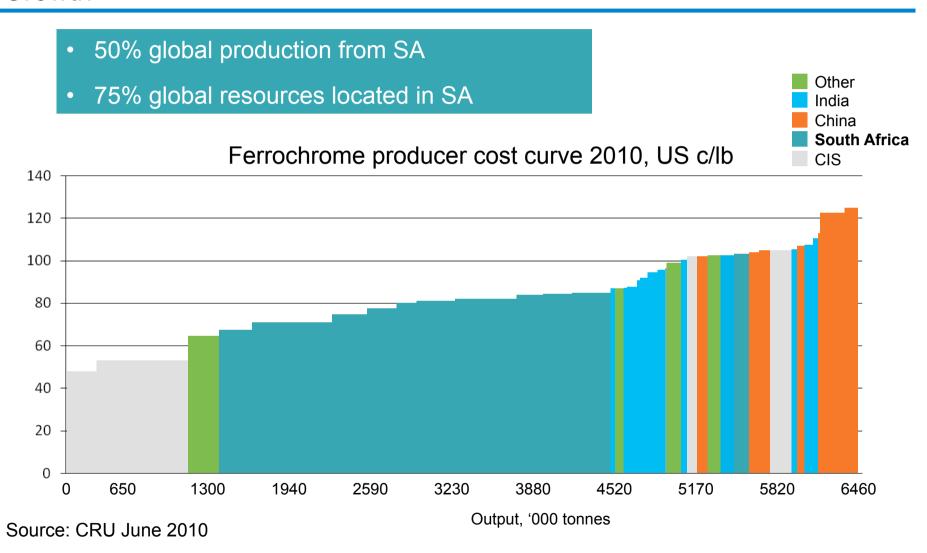
#### All Stainless Steel Contains 18% Ferrochrome

#### World Ferrochrome Consumption ('000 t)



Source: CRU Ferrochrome Market Service August 2010

# South Africa: World's largest Chrome Resources will Supply Production Growth



#### Ruukki: Designed to Deliver Sustainable Growth

#### Vertically Integrated

From mine to product

Ownership of customer

Full control of supply chain

Ensures efficiencies, flexibility & fast reaction to markets

# Competitive Advantage: DC Technology

Up to 30% cheaper operating costs Offers product flexibility = preferred supplier

Mogale world class centre of excellence: human resources & technological know-how

#### 3 Phase Growth

Increase chrome production

Expand processing capacity

Secure power to manage key cost input

Participate in industry consolidation







Unlock Value to Deliver Profitable, Sustainable Growth
Targeting Top 5 Global Chrome Producer

## **Appendices**

## RUUKKI GROUP



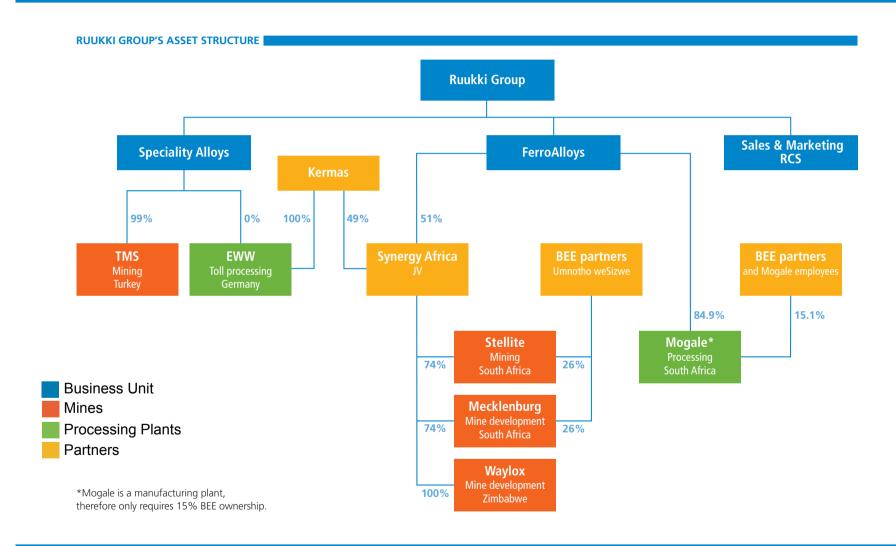




www.ruukkigroup.fi

**June 2011** 

#### **Group Structure**



#### **Highly Experienced Board**

Extensive industry experience and knowledge from some of the world's leading mining and metals houses, underpinned by strong financial expertise



DR. JELENA **MANOJLOVIC** Chairman (2008)



**PHILIP BAUM** INED (2010)



PAUL **FVFRARD** INED (2010)



**MARKKU** KANKAAI A NED (2003)

Over 35 vrs experience in HR & 20 yrs in management positions in American for more than 30yrs, range of organisations, including NHS.

Former senior executive at Anglo including CEO of Ferrous Metals.

Former senior executive at with Shell. Billiton and BHP Billiton with over 40yrs experience, +25yrs in senior management.

Founder & former CEO



DR. CHRIS **POINTON** Deputy Chairman & INED (2010)

Over 40 yrs industry experience, including Shell, Gencor, Billiton & BHP Billiton. 15 yrs managing stainless steel raw materials businesses



**BARRY** ROUKE Senior INED (2010)

Former audit partner at Pricewaterhouse Coopers for 17yrs with extensive international experience. Holds a number of **NED** positions



**THOMAS HOYER** 

Chief Executive Officer

Appointed CEO in April 2011, previously Group CFO & CEO of Wood Business. Over 15yrs experience in portfolio management, private equity, finance and management.



DR. DANKO **KONCAR Enterprise Director** 

Over 20yrs experience in the ferrochrome industry, ex-owner of Samancor Chrome. Chairman of Kermas, Ruukki's largest shareholder.

#### South African Reserves & Resources

#### South African mineral Resources and Reserves

#### Stellite opencast

Chromite Seam	Tonnes (mt)	Cr203	Cr:Fe	Classification
LG6	0.52	40.8	1.5	Inferred
LG6A	0.27	38.8	1.4	Inferred
MG1	0.98	39.8	1.4	Inferred
MG2	1.57	36.9	1.3	Inferred
MG4L	1.83	36.0	1.3	Inferred
MG4U	1.34	36.0	1.3	Inferred
Total	6.50	37.3	1.3	

#### Stellite underground

Chromite Seam	Tonnes (mt)	Cr203	Cr:Fe	Classification
LG6	7.81	40.8	1.5	Inferred
LG6A	3.98	38.8	1.4	Inferred
MG1	3.63	39.8	1.4	Inferred
MG2	3.29	36.9	1.3	Inferred
MG4L	3.85	36.0	1.3	Inferred
MG4U	2.66	36.0	1.3	Inferred
Total	25.23	38.3	1.4	

SAMREC compliant Mineral Resources for the Stellite property have been estimated on the basis of the 46 boreholes drilled on the property which usable data was available.

The following mineral resource tonnage were calculated for the LG6, LG6A, MG1, MG2 and MG4 chromite layers. A depth of 40m below surface was selected as an indicative opencast limit and the tonnage contributions modelled and calculated to provide a guide as to the total opencastable resource available at Stellite.

#### Mecklenburg underground mineral resource

Chromite Seam	Tonnes (mt)	C/203	Cr:Fe	Classification
LG6	2.43	43.6	1.7	Measured
LG6A	0.81	42.8	1.7	Measured
LG6	1.95	43.9	1.7	Indicated
LG6A	0.67	42.6	1.7	Indicated
LG6	2.37	42.3	1.7	Inferred
LG6A	0.82	41.1	1.7	Inferred
Total	9.05	43.0		

#### Mecklenburg underground mineral reserve

Chromite Seam	Tonnes (mt)	0/203	Cr:Fe	Classification
LG6				
LG6A	3.15	26.8	1.7	Proved
LG6				
LG6A	2.53	26.8	1.7	Probable
Total	5.68	26.8	1.7	

The 9.05 Mt LG6 and LG6A Chromite Layer resource is quoted as an in-situ resource with no depletions or reserve modifying factors applied. Due to the historical undestanding of the orebody it is felt that the inferred resource can be mined at a high degree of confidence. Furthermore, as the mining operations expand and add to the geological database, confidence will increase rapidly.

Geological and mining losses, recovery (percentage extracted) and dilution were applied to the Measured and Indicated Mineral Resources in order to estimate a Proved and Probable Mineral Reserve.

The Group will conduct an independent study of its resources and reserves in Turkey in 2011.

