



**Kazakhmys PLC** 

**2013 Half-Yearly Results Presentation** 

**22 August 2013** 

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Oleg Novachuk
Chief Executive Officer

### **HIGHLIGHTS**



### **Operations**

- All metals on target
- 7% higher copper production
  - Top of guidance for 2013
- Optimisation review underway
- Continued focus on Health & Safety

### **Growth projects**

- Bozshakol delivery of mills and drive systems to site in progress
  - Remains on schedule for first production in 2015
- Aktogay initial construction works commenced
  - Remains on schedule for first production in 2016

#### **Finance**

- Group EBITDA \$714 million
- 5% increase in gross cash costs
  - Below guidance
- Net debt \$1,260 million
- Disposal of ENRC holding
  - Cash proceeds \$875 million
  - Share repurchase \$319 million

### **KAZAKHMYS – MEETING CHALLENGES**



#### **Actions taken**

- Improved resource management
- Lowering operating costs
- Reducing capital expenditure

#### **Further actions**

- Comprehensive review underway
  - All assets and working practices
  - Labour efficiencies

### **Target**

- Sustainable positive cash flow from core business
- Delivery of growth projects



**KAZAKHMYS** 

Eduard Ogay
Chief Executive Officer
Kazakhmys Mining

### **HEALTH AND SAFETY**



#### Continuing focus on health and safety

- 11 fatalities to date (8m 2012: 13)
- LTIFR of 1.94 in 2013 (H1 2012: 1.98)
- Introduced new group wide H&S reporting system
- Investment in equipment and working conditions
- New behavioural and awareness campaign

#### **Ongoing target**

- Reduce LTIFR by 10%
- Continue work with DuPont on safety culture change
- Continue implementation of improved safety standards
- Strengthen risk assessment practices and introduce third-party health and safety audits

Omir ('life') health and safety brand



Marking safety zones



Safety in electrical work



Establishing a safety brand 'Omir' ('life') for health and safety training and communications

### **H1 2013 METAL PRODUCTION**



#### **Copper production**

- Cathode output up 7%
- Focused on maintaining copper content
- Copper ore grade 0.96% (2012: 0.99%)
  - Maintain grade in H2 between 0.90% and 0.95%
  - FY ore output: 5-8% above prior year

#### **By-product production**

- Zinc and gold output in line with full year targets
- Silver ahead of guidance
  - Increased target from 11,000 to 12,000 koz

### Copper

cathode equivalent

**Actual H1 2013** 

144<sub>kt</sub>

**Guidance 2013** 

285-295kt

#### **Zinc**

in concentrate

**Actual H1 2013** 

**63**kt

**Guidance 2013** 

125<sub>kt</sub>

#### Gold

production

**Actual H1 2013** 

**51**<sub>koz</sub>

**Guidance 2013** 

100koz

# Silver

production

Actual H1 2013

 $7,145_{koz}$ 

New guidance 2013

12,000<sub>koz</sub>

### PROTECT MARGINS THROUGH GREATER EFFICIENCY



#### **Actions taken in H1 2013**

- Optimised mine plans:
  - Maintain stable copper grade
  - Reduced high cost ore extraction
- Satpayev concentrator suspended
- Reduction of sustaining capex
- Suspension of a number of mid-sized projects
- Transfer of social assets

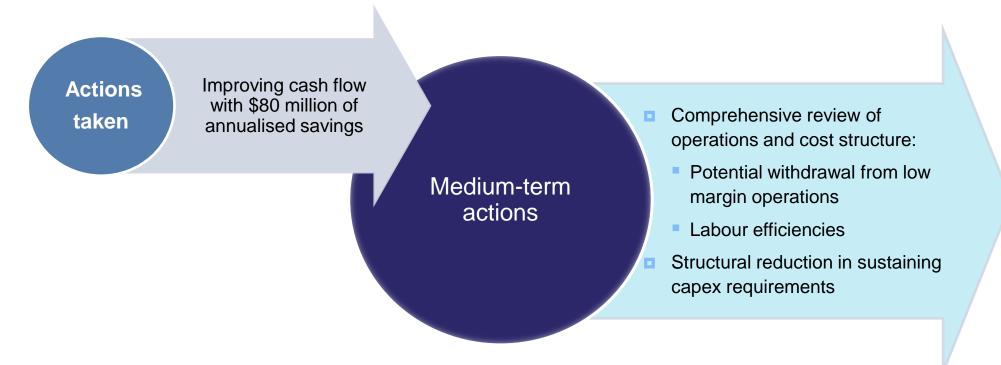
#### **Targets for H2 2013**

- Zhezkazgan smelter to be suspended in H2
- Optimise material consumption
- Increase utilisation of production equipment
- Renegotiate tariffs with suppliers
- Improve efficiency of ore transportation

- Production at the top end of 285 to 295 kt guidance
- \$40 million of opex savings from H2 2013 (\$80 million annualised)
- 10% sustaining capex reduction for 2013 (Further reduction in 2014)

### **OPTIMISATION PROGRAMME TO CONTINUE**







## FINANCIAL UPDATE

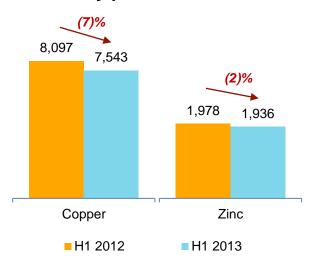


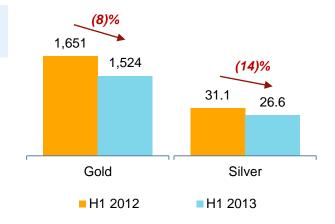
\$m (unless otherwise stated)	H1 2013	H1 2012
Group EBITDA	714	1,007
Underlying EPS, \$	0.21	0.58
Net cash cost of copper, USc/lb	232	149
Free Cash Flow	(135)	(94)
Net debt	(1,260)	(418)

- Lower metal prices
- H1 2012 sale of gold inventory
- Below guidance cost inflation
- Lower contribution from ENRC

Major project development spend

# Average LME/LBMA commodity prices





### **GROUP EBITDA**



#### **Group EBITDA**<sup>1</sup>

\$m (unless otherwise stated)	H1 2013	H1 2012
Kazakhmys Mining <sup>2</sup>	337	574
EBITDA margin	22%	39%
Kazakhmys Power	119	96
EBITDA margin	64%	55%
Other	(18)	9
Segmental EBITDA	438	679
Share of EBITDA of ENRC	276	328
Group EBITDA	714	1,007

#### **Kazakhmys Mining EBITDA**

- Realised copper price down 9%
- Lower by-product pricing and volumes
- Gross unit cash costs increased by 5% from FY 2012

#### **Kazakhmys Power EBITDA**

- Ekibastuz GRES-1 tariffs higher by 10%, but weaker domestic demand
- Captive power stations: commercial tariffs for internal sales

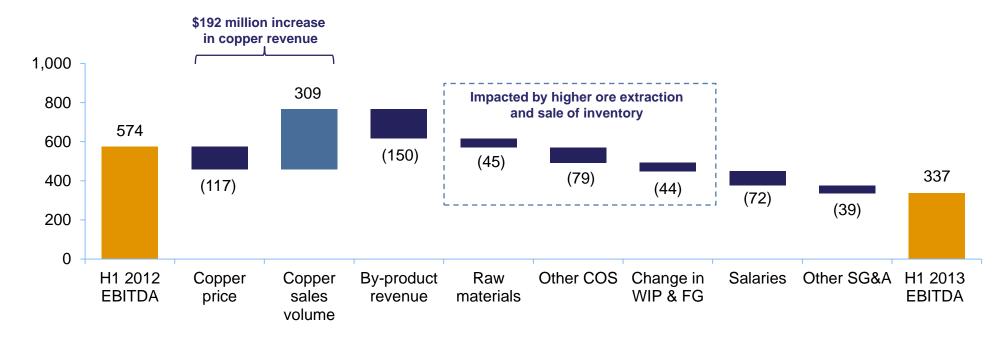
Notes 1. From all businesses excluding MET, the non-cash component of the charge relating to the disability benefits obligation and special items.

2. Kazakhmys Mining's EBITDA for the six months ended 30 June 2012 has been restated to exclude the non-cash component of the disability benefits obligation. This change has resulted in an increase of \$58 million.

### **KAZAKHMYS MINING EBITDA VARIANCE**



#### H1 2012 to H1 2013 EBITDA reconciliation (\$m)



#### Revenue

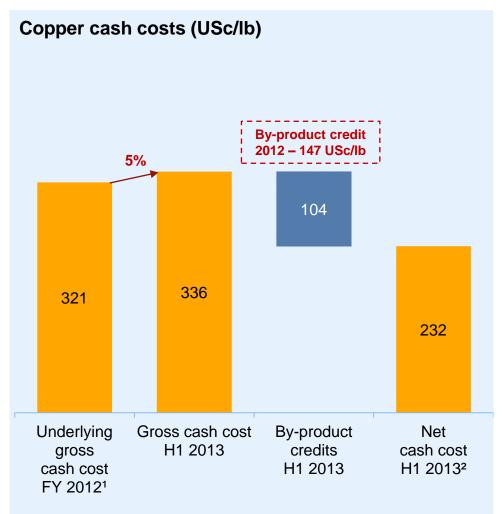
- Mining revenue increased by 3% to \$1,524 million
- 38 kt increase in copper sales volumes to 156 kt
- Gold sales 42 koz compared to 118 koz in H1 2012

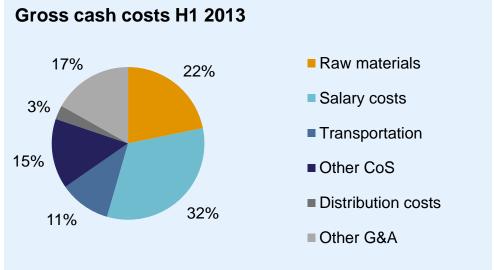
#### **Cost drivers**

- Ore extraction higher by 12%
- Full impact of Q2 2012 salary increase
- Sale of 2012 copper inventory

### **COPPER CASH COSTS**







 Gross cash cost of 336 USc/lb includes estimated benefit of 10 USc/lb from sale of copper inventory

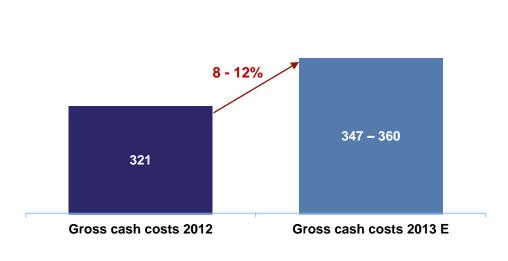
Notes: 1. Kazakhmys Mining cash operating costs excluding purchased concentrate and brought-forward gold inventory (\$74 million or 12 USc/lb), divided by the volume of copper cathode from own production.

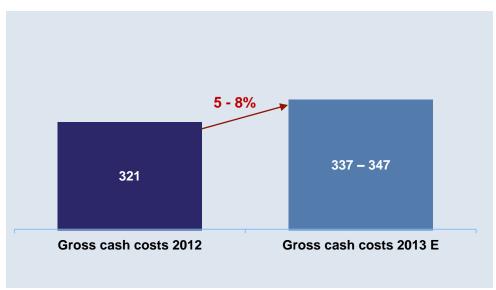
2. Kazakhmys Mining cash operating costs excluding purchased concentrate, less by-product revenues, divided by the volume of copper sales from own production.

### **CASH COSTS GUIDANCE**



#### FY cash costs of copper (USc/lb)



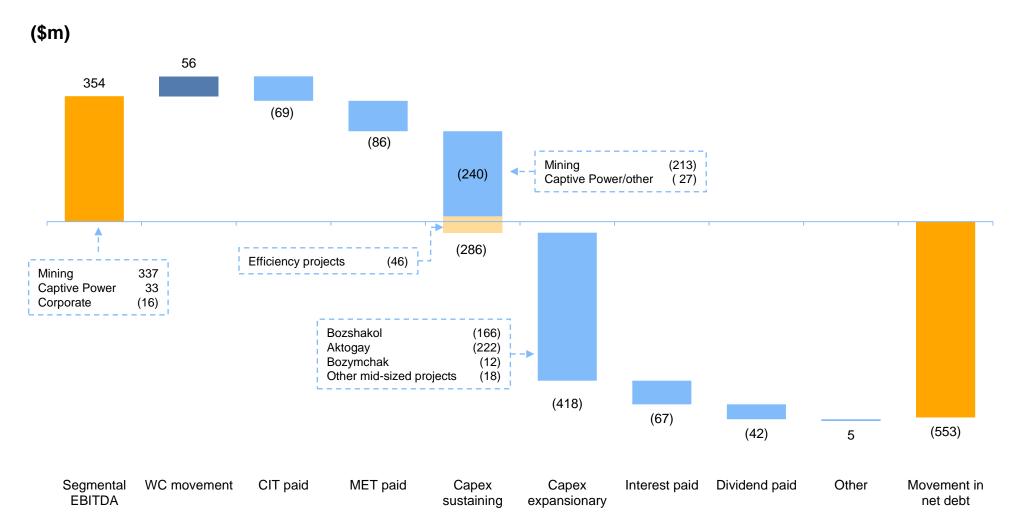


**PREVIOUS GUIDANCE** 

**NEW GUIDANCE** 

### CASH FLOW GENERATION<sup>1</sup>



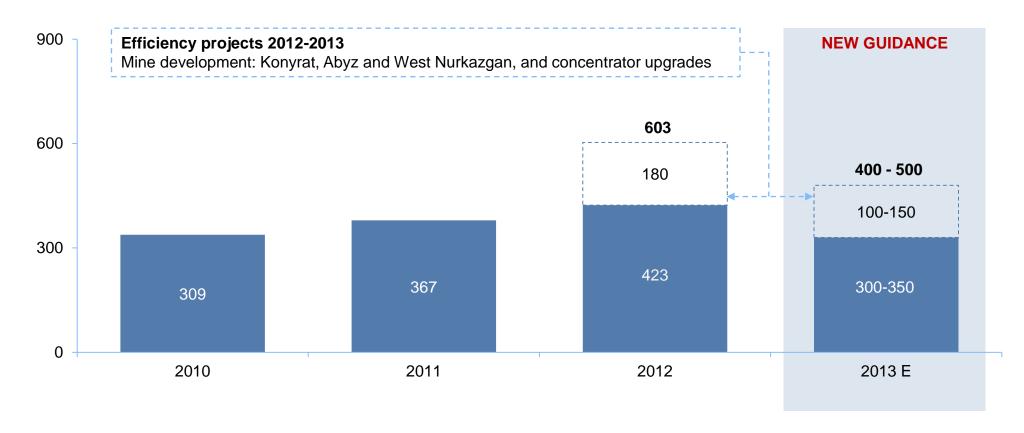


Notes: 1. Segmental EBITDA and cash flow movements exclude Ekibastuz GRES-1 and MKM.

### **KAZAKHMYS MINING SUSTAINING CAPEX**



### Sustaining capex profile<sup>1</sup> (\$m)



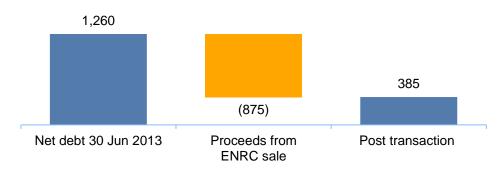
Notes: 1. Sustaining capital expenditure excluding non-cash additions such as capitalised depreciation and capitalised interest.

### **CAPITAL AND DEBT MANAGEMENT**



#### Net debt proforma (\$m)

#### **Expansionary projects debt repayment profile (\$m)**





- Bozshakol/Bozymchak facility \$2.7 billion
- Aktogay facility \$1.5 billion

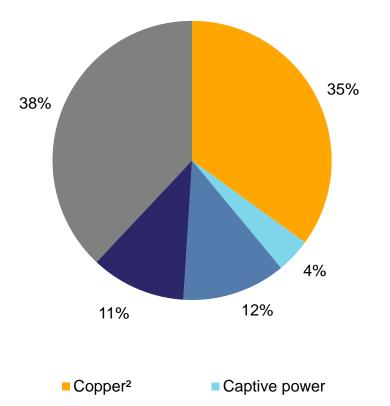
- Disposal of ENRC holding
  - Proceeds of \$875 million
  - Reduce net debt
  - Increase funding flexibility

- Committed debt facilities for major projects
  - Long dated maturity of 12 to 15 years
  - Balance sheet covenants only

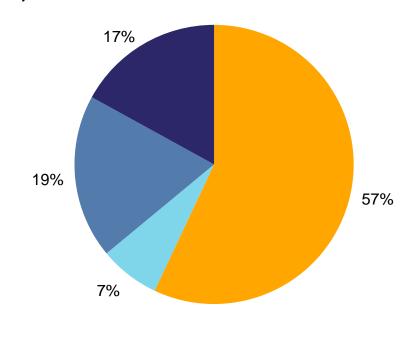
### **EBITDA COMPOSITION**







# Proforma Group EBITDA post ENRC disposal (\$m)



■ By-products²

wotes.

- 1. Excluding MET, the non-cash component of the charge relating to the disability benefits obligation and special items. Excluding EBITDA from MKM and Corporate services.
- 2. Calculated proportionately based on revenue.

■ ENRC

■ Ekibastuz GRES-1

### **FINANCIAL OUTLOOK H2 2013**



**Gross cash cost** 

Actual H1 2013 336 USc/lb

**5-8%** increase on FY 2012

Previous guidance 8-12% increase on FY 2012 Sustaining capex<sup>1</sup>

**Actual H1 2013 \$286** million

**Guidance 2013 \$470-590** million

**Mining** 

**Previous guidance** \$450-550 million

Captive power

\$70-90 million

Bozshakol

**New guidance** 

\$400-500 million

\$500-600 million

Aktogay

\$500-600 million

Bozymchak and mid-sized projects

\$1,140-1,340 million

**Expansionary capex** 

**Actual H1 2013** 

**Guidance 2013** 

\$418 million

\$140 million

1. For Kazakhmys Mining and the captive power stations, excluding non-cash additions such as capitalised depreciation and capitalised interest.



**KAZAKHMYS** 

Mian Khalil

**Head of Projects** 

### **BOZSHAKOL – PROJECT PROGRESS**



#### Plan for 2013

- Complete main access road
- Complete majority of concrete works
- Erect main process buildings
- Deliver and install grinding mills and drives
- Deliver and install major mechanical equipment
- Construct 220 kV power line to site
- Delivery of haul tracks and shovels

#### **Progress during H1 2013**

- Main access road 50% complete
- Main process building foundations complete
  - Foundation for primary crusher, stockpile and tailings thickener 70% complete
- 98% of steel for the main process building erected
- First delivery of grinding mills and drives July 2013
- Copper concentrate filter and 220kV transformer delivered
- Construction of power line 40% complete
- Assembly area for receipt of tracks and shovels complete



Notes: 1. Gearless Mill Drive.

# **DEVELOPMENT PROGRESSES**



### **Main process building**



Primary crusher 212,550 level



### **AKTOGAY – PROJECT PROGRESS**

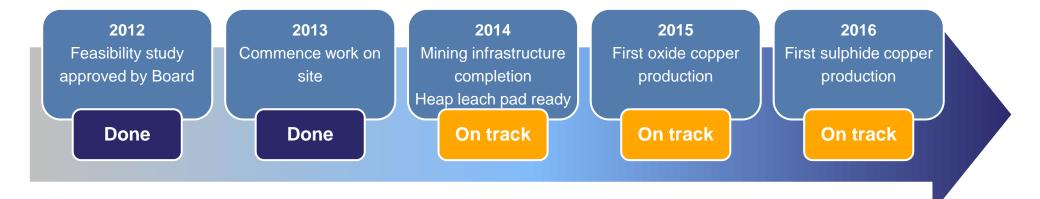


#### Plan for 2013

- Use current site infrastructure to support erection of temporary facilities
- Start earthworks in April 2013
- Complete procurement of all major equipment
- Pour main foundations and start steel erection of non-process buildings
- Begin site-wide general electrical works
- Start leach pad construction
- Start SX-EW footings and foundations
- Start concentrator footings and foundations

#### **Progress during H1 2013**

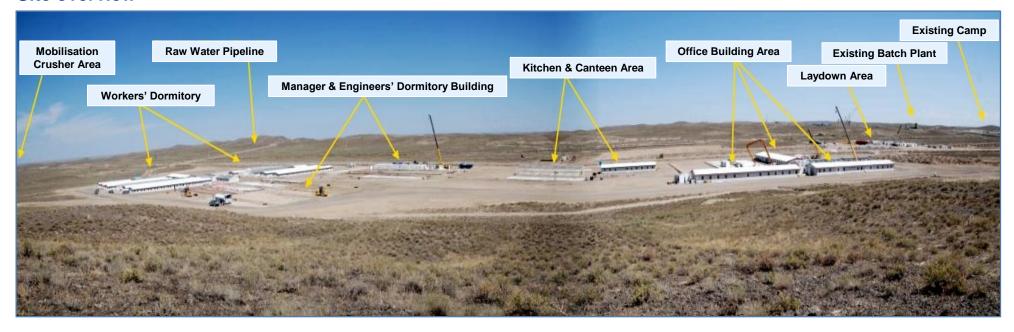
- Construction of temporary facilities commenced
- Top soil removal completed at heap leach pad
- Procurement of all major equipment is 70% complete
- Commissioned existing site substation to deliver power to temporary facilities
- Leach pad earthworks commenced in April 2013
- Concentrator earthworks commenced in June 2013



# **AKTOGAY COPPER PROJECT PROGRESS**



#### **Site overview**



# **AKTOGAY COPPER PROJECT PROGRESS**



**Mobilisation – aggregate crusher area** 



**Mobilisation – new batch plant** 





**KAZAKHMYS** 

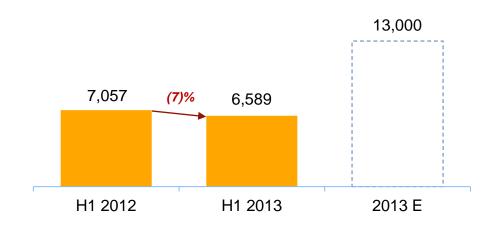
**Oleg Novachuk** 

**Chief Executive Officer** 

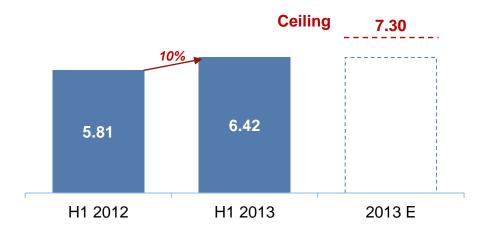
### **EKIBASTUZ GRES-1: OPERATIONAL REVIEW**



### Net power generation<sup>1</sup> (GWh)



#### Average realised tariffs (KZT/kWh)



#### Generation

- Lower domestic demand for power in Kazakhstan
  - Electricity sales redirected to the export market
  - Sales to Russia 19% of output

#### **Tariffs**

- Realised tariffs 10% higher
  - Ceiling tariff increased in Q1 2013 to 7.30 KZT/kWh

#### **EBITDA**

- H1 2013 \$172 million on 100% basis (H1 2012: \$184 million)
  - Margin of 61% (2012: 66%)

Notes: 1. The results are for 100% of the business.

### **H2 PRIORITIES**

allocation

Growth

projects



Health and safety	Continue to improve H&S standards	
Cost control and optimisation	Optimisation is underway to improve cash flow	
Capital	Sustaining capital expenditure reduced	

Disposal of non-core assets commenced

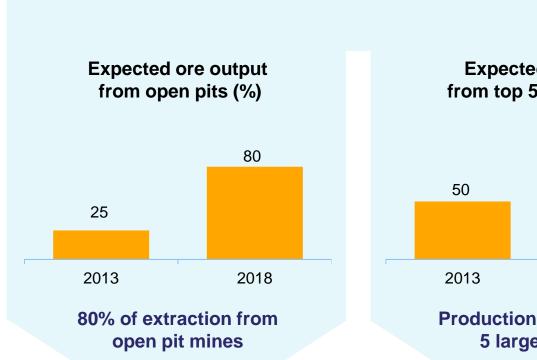
**Delivery of main equipment at Bozshakol** 

**Complete bulk earthwork at Aktogay** 

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## **KAZAKHMYS IN TRANSFORMATION: 2013 TO 2018**







Sustainable positive cash flow



### **BOZSHAKOL – TRANSFORMATIONAL PROJECT**



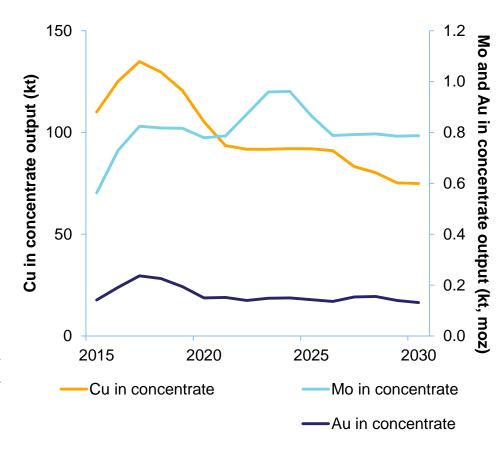
#### **Key statistics**

- Large scale open-pit processing 30 MT ore annually
- Total copper cathode equivalent production of 3,099 kt
- By-products include 5,255 koz of contained gold and 57 kt of contained molybdenum
- Production life of over 40 years, with average production of 100 kt of copper cathode equivalent in first 10 years
- Employee numbers estimated 1,500 at full operation
- Close proximity to existing infrastructure
- Gross cash cost 120 to 140 USc/lb¹
- Net cash cost 50 to 70 USc/lb<sup>2</sup>
- Total anticipated project capital cost \$1.9 billion

#### Mineral Resource<sup>3</sup>

Tonnage	Cu grade	Au grade	Ag grade	Mo grade
(MT)	(%)	(g/t)	(g/t)	(%)
1,173	0.35	0.14	0.88	

#### **Production schedule: Key metals**



Notes: 1. Estimated gross cash cost over the first 10 years of the mine's operations expressed in real terms.

- 2. Estimated net cash cost over the first 10 years of the mine's operations, calculated using a long-term gold price of \$1,000 per ounce, expressed in real terms.
- 3. Includes indicated and inferred material. Stated at 0.2% Cu cut-off grade. In accordance with JORC code.

### **AKTOGAY – TRANSFORMATIONAL PROJECT**



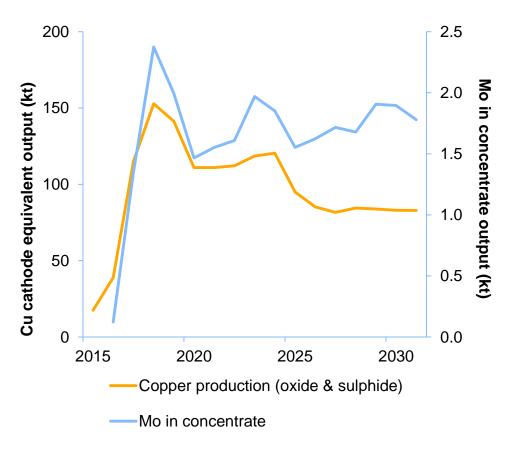
#### **Key statistics**

- Large scale open-pit processing on average 25 MT ore annually (sulphide ore)
  - 31 MT on average for the first 10 years
- Total copper cathode equivalent production:
  - 224 kt from oxide ore
  - 4,032 kt from sulphide ore
- Total molybdenum in concentrate production of 74 kt
- First copper production in 2015 (oxide)
- Production life of over 50 years, with average production of 104 kt copper cathode equivalent in first 10 years
- Employee numbers estimated 1,500 at full operation
- Gross cash cost 120 to 140 USc/lb¹
- Net cash cost 110 to 130 USc/lb<sup>2</sup>
- Total anticipated project capital cost \$2 billion

#### Mineral Resource<sup>3</sup>

	Tonnage (MT)	Cu grade (%)	Mo grade (%)
Oxide	121	0.37	-
Sulphide	1,597	0.33	0.008

#### **Production schedule: Key metals**



Notes: 1. Estimated gross cash cost over the first 10 years of the mine's operations expressed in real terms.

- 2. Estimated net cash cost over the first 10 years of the mine's operations, calculated using a long-term molybdenum price of \$30,500 per tonne, expressed in real terms.
- 3. Includes measured and indicated material. Stated at 0.2% Cu cut-off grade. In accordance with JORC code.

# **SUMMARY INCOME STATEMENT**



Key line items			Reconciliation of Underlying Profit		
\$m (unless otherwise stated)	H1 2013	H1 2012	\$m	H1 2013	H1 2012
CONTINUING OPERATIONS			CONTINUING OPERATIONS		
Revenues	1,571	1,516	Net (loss)/profit attributable to owners of the Company from continuing operations	(177)	17
(Loss)/profit before finance items and taxation	(146)	126	Impairment charges	146	162
Net finance costs	(47)	(45)	Additional disability benefits obligation related to previously insured employees	84	-
(Loss)/profit before taxation	(193)	81	Loss on disposal of assets	10	10
Income tax credit/(expense)	16	(63)	·	-	
(Loss)/profit for the year from continuing			Taxation effect of special items	(29)	` '
operations	(177)	18	Underlying Profit from continuing operations	34	176
DISCONTINUED OPERATIONS			DISCONTINUED OPERATIONS		
(Loss)/profit for the period from discontinued operations	(785)	104	Net (loss)/profit attributable to owners of the Company	(785)	104
(Loss)/profit for the period	(962)	122	Loss on disposal of subsidiary	1	13
Non-controlling interests	-	(1)	Impairment to fair value less costs to sell	845	10
(Loss)/profit attributable to owners of the Company	(962)	121	Other special items	20	
EPS – basic and diluted (\$)	(1.84)	0.23	Underlying Profit from discontinued operation	<sup>1S</sup> 81	131
EPS – based on Underlying Profit (\$)	0.21	0.58	Total Underlying Profit	115	307

# **REVENUES AND SALES VOLUMES**



# Revenues from continuing operations and joint venture

\$m	H1 2013	H1 2012
Kazakhmys Mining	1,524	1,482
Copper products	1,168	976
Silver	158	191
Gold	65	195
Zinc	70	70
Other <sup>1</sup>	63	50
Captive power	47	34
Total revenues	1,571	1,516
Ekibastuz GRES-1 <sup>2</sup>	140	139

### **Kazakhmys Mining sales volumes**

kt (unless otherwise stated)	H1 2013	H1 2012
Copper cathode equivalent sales	156	118
Copper cathodes	149	108
Copper rod	7	10
Zinc	66	69
Silver (koz)	6,049	6,091
Gold <sup>3</sup> (koz)	42	118

Notes: 1. Other revenue includes coal, lead, sulphuric acid etc.

2. Ekibastuz GRES-1 on a 50% basis.

3. Includes gold doré.

## **CASH FLOW**



#### **Summary cash flow**

\$m	H1 2013	H1 2012
Segmental EBITDA before ENRC & GRES-11	89	392
Impairment losses	177	186
Non-cash component of the disability benefits obligation	(55)	(58)
Loss on disposal of assets	11	23
Dividends received from associate and joint venture	-	65
Working capital movements <sup>2</sup>	172	(106)
Interest paid	(70)	(38)
Income tax paid	(70)	(121)
MET paid	(86)	(131)
Foreign exchange and other movements	(8)	(9)
Net cash flows from operating activities before other expenditure associated with major projects	160	203
Sustaining capital expenditure	(295)	(297)
Free Cash Flow	(135)	(94)
Expansionary and new project capital expenditure	(418)	(157)
Non-current VAT receivable associated with major projects	(33)	(35)
Major social projects	(31)	-
Dividends paid	(42)	(105)
Purchase of own shares under the share buy-back programme	-	(88)
Proceeds from disposal of subsidiaries, net of cash disposed	27	3
Proceeds from disposal of property, plant and equipment	26	26
Other	2	(3)
Cash flow movement in net debt	(604)	(453)

### Working capital movements<sup>2</sup>

\$m	H1 2013	H1 2012
Kazakhmys Mining	187	(91)
Captive Power	13	11
MKM	(23)	(60)
Corporate	(5)	34
Total	172	(106)

**Capital expenditure** 

\$m	H1 2013	H1 2012
Kazakhmys Mining	677	436
Sustaining	259	279
Expansionary	418	157
Captive Power	27	13
MKM	9	3
Corporate	-	2
Total	713	454

Notes: 1. Excluding MET and the non-cash component of the disability benefits obligation, but including special items.

2. Working capital movements exclude any accruals in respect of MET and non-current VAT on major projects.

# **SUMMARY BALANCE SHEET**



Assets (\$m)	H1 2013	H1 2012
Non-current assets	5,302	8,565
Cash and liquid funds <sup>1</sup>	1,685	1,608
Other current assets	2,405	1,615
Total	9,392	11,788

Non-current assets (\$m)	H1 2013	H1 2012
Intangible assets	68	58
Tangible assets	3,389	2,820
Investment in associate	-	4,598
Investment in joint venture	974	869
Other non-current investments	731	143
Deferred tax asset	140	77
Total	5,302	8,565

Equity & liabilities (\$m)	H1 2013	H1 2012
Equity	5,154	8,671
Borrowings	2,945	2,026
Other liabilities	1,293	1,091
Total	9,392	11,788

Net debt (\$m) <sup>2</sup>	H1 2013	H1 2012
Cash and liquid funds <sup>1</sup>	1,685	1,608
Borrowings	(2,945)	(2,026)
Short-term	(102)	(349)
Long-term	(2,843)	(1,677)
Total	(1,260)	(418)

Notes: 1. Includes current investments with a maturity of 3 to 6 months.

2. From continuing operations.

# **ENRC RECONCILIATION**



#### **EBITDA**

\$m	H1 2013
Actual H1 2013 ENRC published results	944
MET (not excluded from ENRC's EBITDA) <sup>1</sup>	119
ENRC's EBITDA H1 2013 exclusive of MET	1,063
Kazakhmys' share of ENRC's EBITDA H1 2013 (26%)	276

#### **INCOME STATEMENT**

\$m	H1 2013
Share of Kazakhmys' holding in ENRC (26%)	65
Impairment charge recognised on remeasurement to fair value	(823)
Total income statement effect for H1 2013	(758)

Notes: 1. ENRC's EBITDA includes MET. Kazakhmys reports its EBITDA excluding MET so to be consistent MET is added back when calculating the share of ENRC's EBITDA.

# FINANCE FACILITIES



Facility	Maturity and interest rate	Balance as at 30 June 2013
Bozshakol/Bozymchak	Final maturity 2023	Fully drawn - \$2,655 million
\$2.7 billion	□ LIBOR+ 4.8%	<ul><li>Balance sheet covenants</li></ul>
	<ul> <li>Semi-annual interest payments</li> </ul>	Capitalised interest of \$63 million in H1 2013
Aktogay CDB	Final maturity 2026	First withdrawal H1 2013 - \$56 million
\$1.5 billion facility	■ LIBOR + 4.2%	Balance sheet covenants
	<ul> <li>Quarterly interest payments</li> </ul>	Capitalised interest of \$10 million in H1 2013
Pre-export corporate	Final maturity 2017	First withdrawal H1 2013 - \$234 million
\$1 billion facility	■ LIBOR + 2.8%	Net debt /EBITDA covenant
	<ul><li>Monthly interest payments</li></ul>	Monthly principal repayment from Jan 2015

### **CASH COST RECONCILIATION**



#### **Kazakhmys Mining cash costs**

\$m (unless otherwise stated)	H1 2013	H1 2012
Revenue	1,524	1,482
EBITDA excluding special items	337	574
Gross cash costs	1,187	908
Other adjustments	(37)	(34)
Gross cash costs of own production	1,150	874
Sales volumes (own production) kt	155	117
Gross cash costs of own production USc/lb	336	339
By-product credits	(355)	(490)
Net cash costs of own production	795	384
Net cash costs of own production USc/lb	232	149

- There is a similar adjustment each period to exclude costs related to the former Kazakhmys Gold mines, purchased concentrate, non-copper related social spend and other non-production expenses
- 69 koz of gold bar sold from broughtforward inventory in H1 2012