

2018 HALF YEAR RESULTS

16 August 2018

KAZ
MINERALS



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All financial definitions can be found in the glossary to the Half-Yearly Results 2018 press release.

VALUE AND VOLUME



► Today

- Strong H1 results, all assets in first quartile of global cost curve
- Bozshakol and Aktogay delivered
- Interim dividend declared

► Medium term growth

- Copper market deficit to emerge over next decade
- Aktogay II (+80kt) offers low-risk, value-accretive growth from 2021
- KAZ Minerals will be a larger scale, low cost copper producer, with highly profitable operations

► Transformational growth

- Baimskaya (+250kt) provides value-accretive growth from 2026
- Capital phasing, financing and partnering options to be assessed during feasibility study

AGENDA



- | | | |
|--------------------------------|----------------|-----|
| 1. H1 2018 highlights | Andrew Southam | CEO |
| 2. Review of operations | Andrew Southam | CEO |
| 3. Financial update | John Hadfield | CFO |
| 4. Strategy – value and volume | Andrew Southam | CEO |

1. H1 2018 highlights

Andrew Southam
CHIEF EXECUTIVE OFFICER

H1 2018 RESULTS HIGHLIGHTS

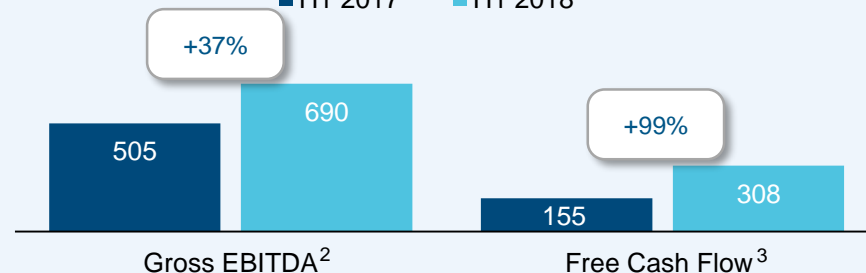


- ▶ Copper production¹ increased by 18% to 140 kt (H1 2017: 118 kt)
 - Aktogay sulphide concentrator achieved design ore throughput capacity
- ▶ Gross EBITDA² up 37% to \$690 million
 - Industry leading net cash cost of 82 USc/lb
- ▶ Gearing level reduced to 1.4x Gross EBITDA
- ▶ Interim dividend of 6.0 USc per share declared

Strong earnings and cash flow growth

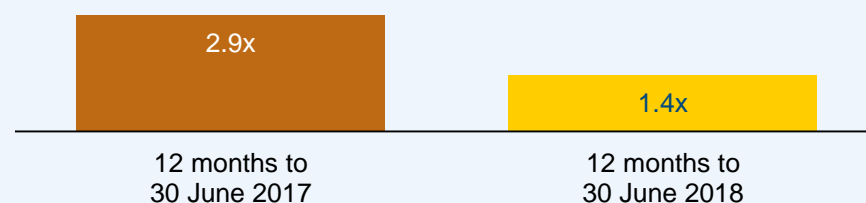
USD million

■ H1 2017 ■ H1 2018



Gearing level reduced

Net debt / Gross EBITDA²

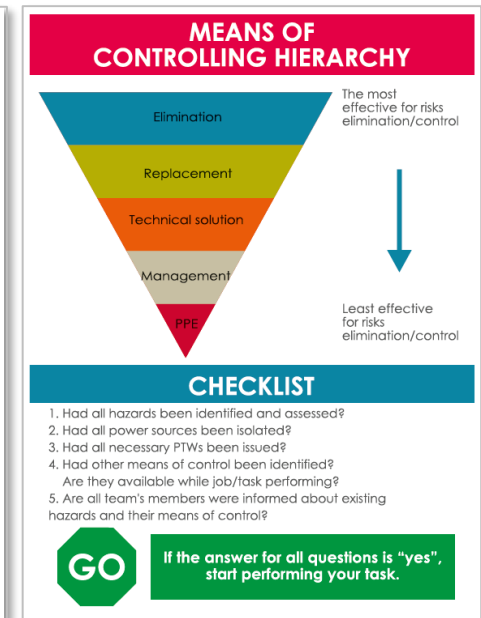


Notes:

1. Payable metal in concentrate and copper cathode from Aktogay oxide ore.
2. Gross EBITDA (excluding MET, royalties and special items) for the prior year comparative period includes the results of pre-commercial production from Aktogay sulphide and Bozshakol clay.
3. Net cash flow from operating activities before capital expenditure and non-current VAT associated with expansionary and major projects less sustaining capital expenditure.

HEALTH AND SAFETY

- ▶ One fatality in July 2018, contractor in the East Region
 - Zero fatalities in H1 across all operations (H1 2017: 1)
 - Zero fatality track record at Bozshakol, Aktogay and Bozymchak since operations commenced
- ▶ TRIFR¹ of 2.00 (H1 2017: 1.81)
 - H1 2018 increase due to slips, trips and falls
- ▶ Focus on high potential incidents and initiatives to further develop safety culture



'SLAM' procedure requires employees to assess and record risks

Notes:

1. Total Recordable Injury Frequency Rate or TRIFR is the number of Recordable Injuries occurring per million hours worked.

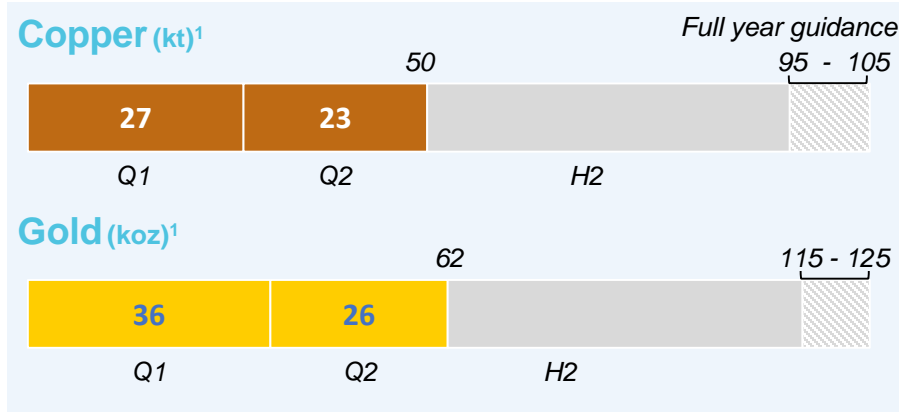
2. Review of operations

Andrew Southam
CHIEF EXECUTIVE OFFICER

BOZSHAKOL PRODUCTION ON TRACK



- ▶ Copper and gold production on track for full year guidance
- ▶ Average copper grade processed in H1 2018 was 0.49%, in line with mine plan
- ▶ Higher ore throughput in H2 expected to offset lower processing grades
- ▶ Clay plant achieved 95% of design capacity in Q2 following maintenance and upgrades in Q1
- ▶ Initiatives underway to improve operational efficiency



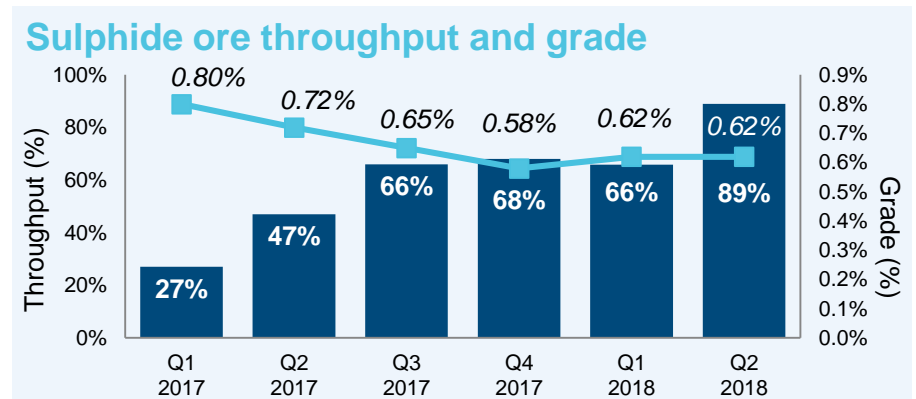
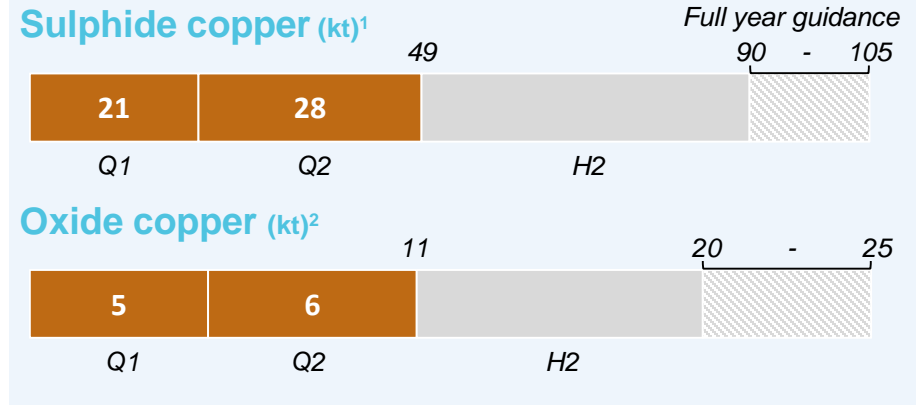
Notes:

1. Payable metal in concentrate.

AKTOGAY REACHES DESIGN CAPACITY



- ▶ Sulphide concentrator achieved design ore throughput capacity in Q2, operating at 100% for a sustained period
- ▶ Slightly lower sulphide grade in H2 expected to be offset by higher ore throughput
- ▶ Oxide production continues at full design capacity
- ▶ Full year copper production guidance held at 110-130 kt (90-105 kt sulphide, 20-25 kt oxide)



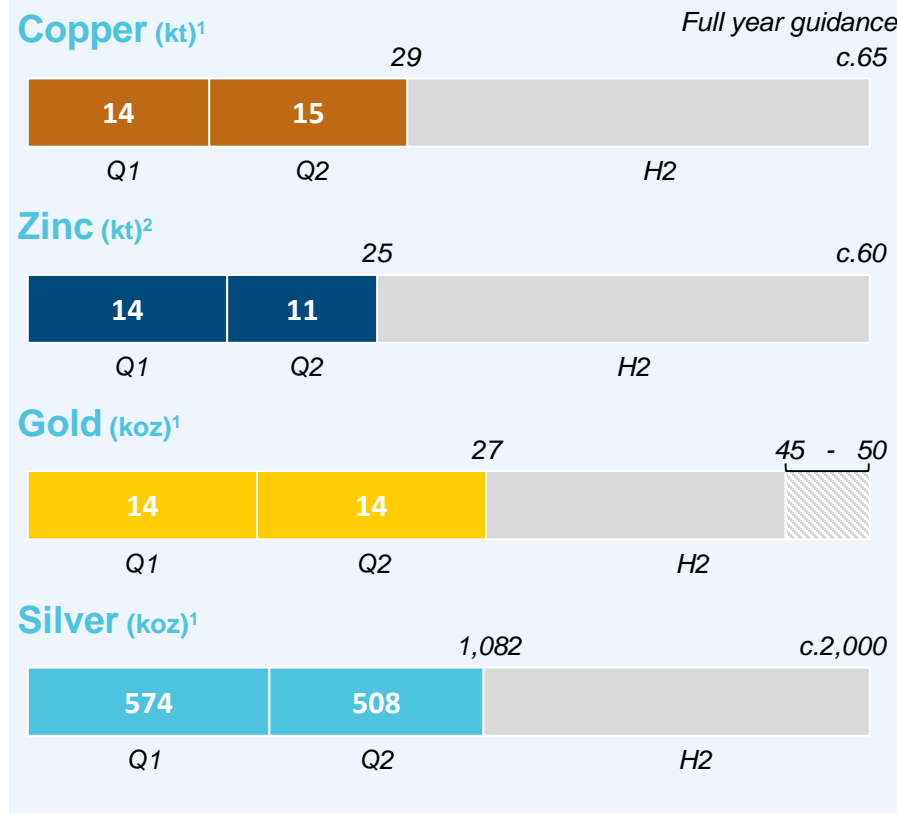
Notes:

1. Payable metal in concentrate.
2. Copper cathode from oxide ore.

EAST REGION & BOZYMCHAK - H2 WEIGHTED



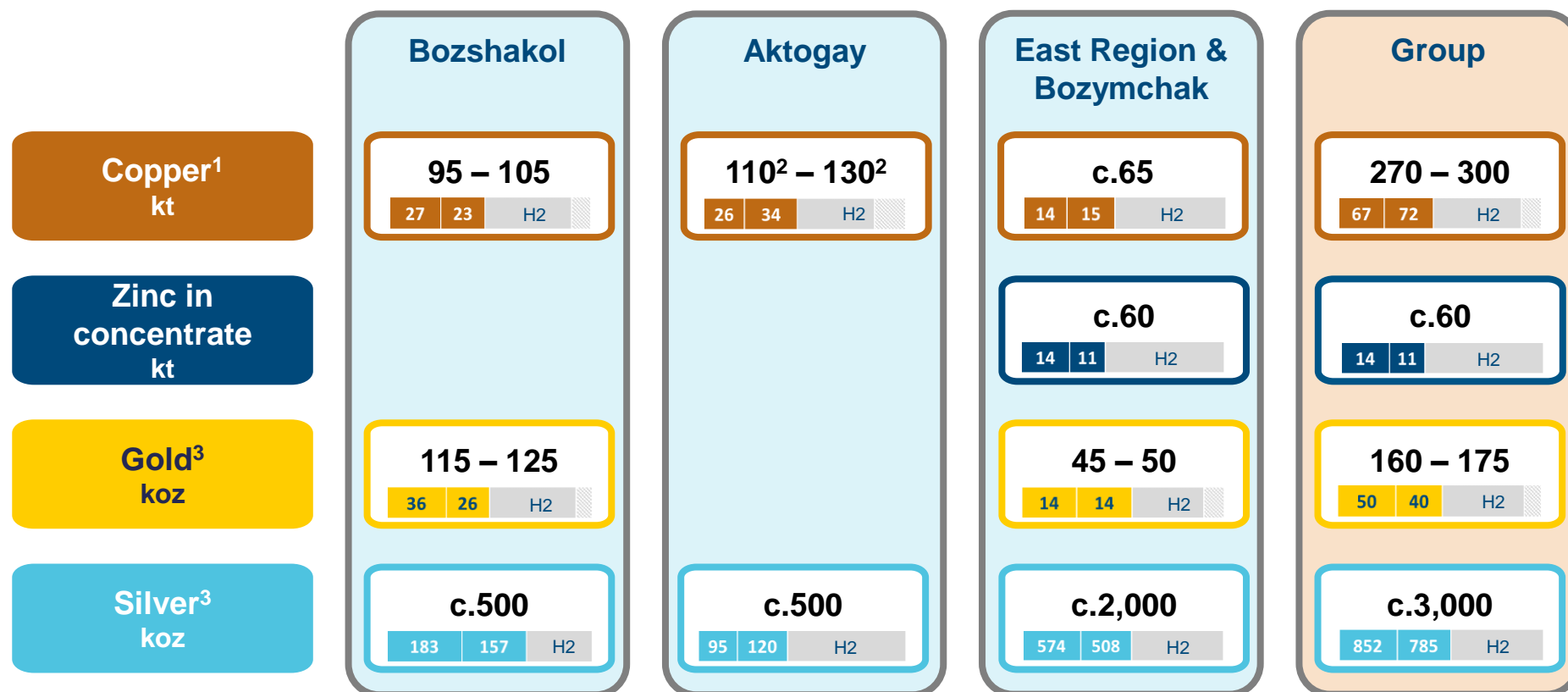
- ▶ Copper and zinc production to benefit in H2 from higher ore throughput at the Nikolayevsky concentrator, following planned idling during H1
- ▶ Zinc grades continue to be variable with 2.63% zinc grade material processed in H1 (H1 2017: 3.07%)
- ▶ Consistent performance from Bozymchak supported strong H1 gold production of 27 koz, full year guidance 45-50 koz
- ▶ Silver production on track for full year guidance of c.2,000 koz



Notes:

1. Payable metal in concentrate.
2. Zinc in concentrate.

2018 GUIDANCE UNCHANGED



Notes:

1. Payable metal in concentrate and copper cathode from Aktogay oxide ore.
 2. Includes 20-25 kt of cathode production from oxide ore.
 3. Payable metal in concentrate.
- N.B. charts indicate Q1 and Q2 actual production.

3. Financial update

John Hadfield

CHIEF FINANCIAL OFFICER

FINANCIAL UPDATE



\$m (unless otherwise stated)	H1 2018	H1 2017
Gross Revenues ¹	1,098	837
Gross EBITDA ^{1,2}	690	505
<i>Margin (%)</i>	<i>63</i>	<i>60</i>
Revenues	1,098	721
EBITDA ²	690	429
Net cash cost (USc/lb) ³	82	64
Free Cash Flow ⁴	308	155
EPS – based on Underlying Profit (\$) ⁵	0.62	0.44

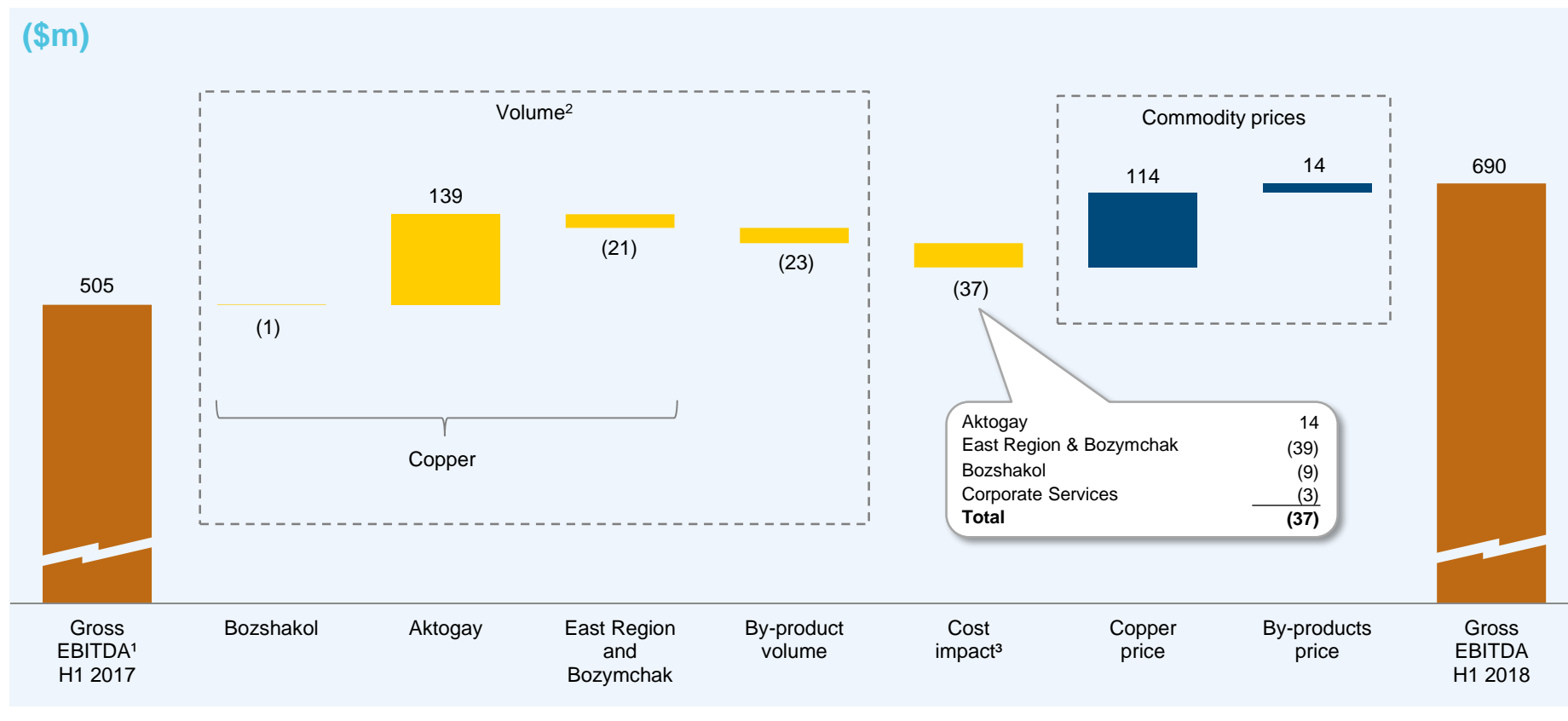
- ▶ Volume growth from Aktogay and favourable copper price results in higher revenues, earnings and cash flow
- ▶ EBITDA \$690 million, with strong margin of 63%
- ▶ Group net cash cost 82 USc/lb, increase from prior year reflects growth of Aktogay, which has limited by-product credits
- ▶ Free Cash Flow of \$308 million, supported by cash flow from new operations
- ▶ Net debt \$2,052 million at 30 June 2018, \$1,653 million of available liquidity

Notes:

1. The prior year comparative period includes the results of pre-commercial production from Aktogay sulphide and Bozshakol clay.
2. Excluding MET, royalties and special items.
3. Cash operating costs, plus TC/RC on concentrate sales, less by-product Gross Revenues, divided by the volume of own copper sales.
4. Net cash flow from operating activities before capital expenditure and non-current VAT associated with expansionary and major projects, less sustaining capital expenditure.
5. EPS based on Underlying Profit excluding special items.

GROSS EBITDA RECONCILIATION

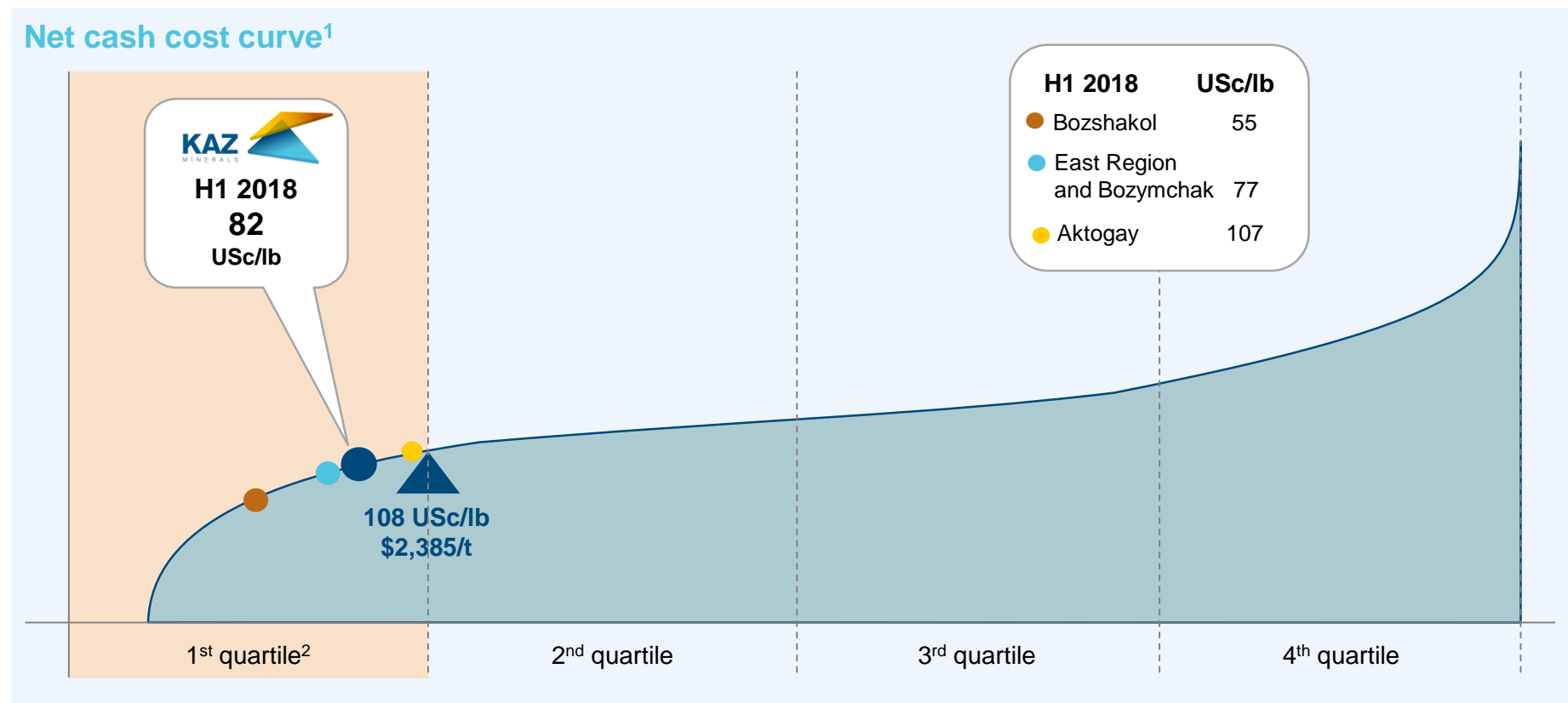
Volume growth from Aktogay sulphide and improved copper price resulted in 37% higher Gross EBITDA¹



Notes:

1. Gross EBITDA (excluding MET, royalties and special items) for the prior year comparative period includes the results of pre-commercial production from Aktogay sulphide and Bozshakol clay.
2. 2018 sales volume movement at 2017 cash costs.
3. Net change in cash costs per tonne.

LOW COST POSITION MAINTAINED

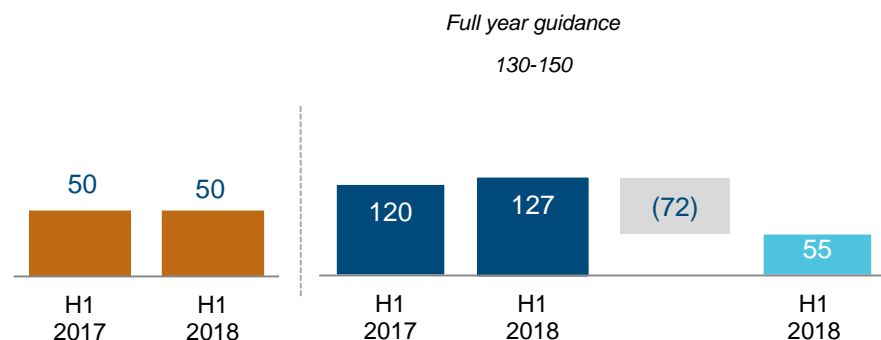


Notes:

1. Conceptual representation as at 30 June 2018, not to scale.
2. Wood Mackenzie first quartile cut off 108 USc/lb, 30 June 2018.

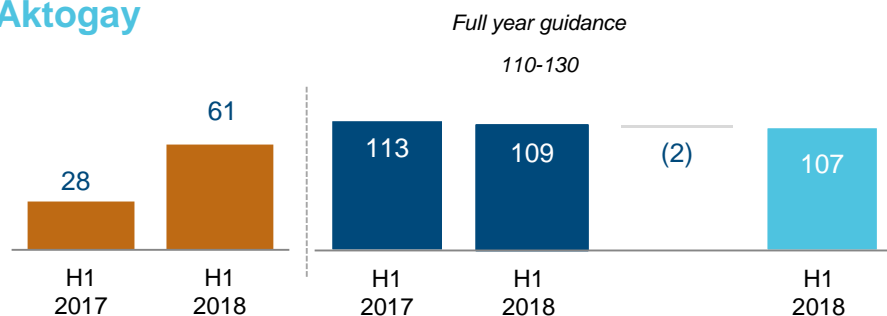
OPERATING COST DETAIL

Bozshakol



- ▶ Gross cash cost increased from H1 2017 when operations benefited from higher grades, limited maintenance expenditure and lower clay volumes
- ▶ Strong gold credits result in low net cash cost

Aktogay

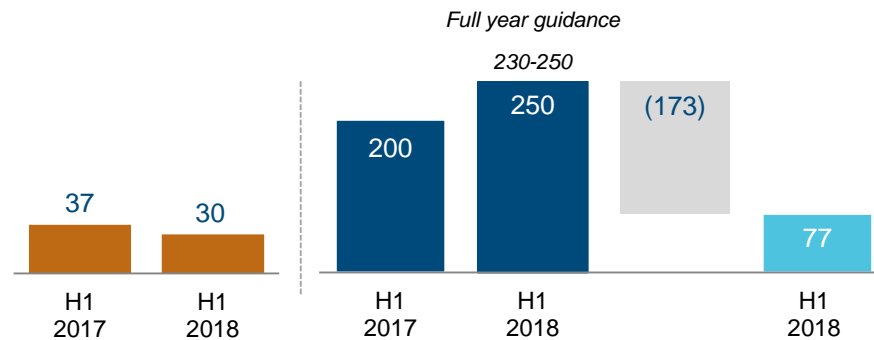


- ▶ H1 2018 gross cash cost benefited from higher sulphide volumes, partly offset by normalisation of maintenance costs
- ▶ Costs expected to trend upwards in H2 due to reduced grades, higher maintenance and full period inflation

■ Copper sales volumes (kt)
 ■ Gross cash cost (USc/lb)
 ■ By-product credit (USc/lb)
 ■ Net cash cost (USc/lb)

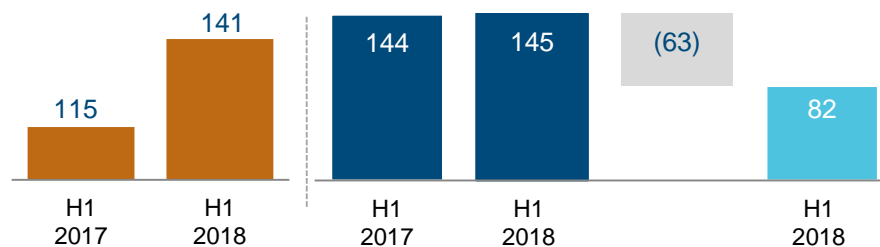
OPERATING COST DETAIL

East Region and Bozymchak



- ▶ H1 2018 costs increased mainly due to lower sales volumes and impact of inflation
- ▶ Costs are expected to benefit from higher sales volumes in H2, when all concentrators are scheduled to operate at close to full capacity
- ▶ Strong by-product credits result in competitive first quartile cost

Group



- ▶ Gross cash cost in H1 2018 in line with prior year period
- ▶ Net cash cost amongst the lowest copper producers globally

■ Copper sales volumes (kt)
 ■ Gross cash cost (USc/lb)
 ■ By-product credit (USc/lb)
 ■ Net cash cost (USc/lb)

2018 FINANCIAL GUIDANCE



Gross cash cost (USc/lb)	Sustaining capex (\$ million)	Expansionary capex (\$ million)
Bozshakol 130-150	Bozshakol 35	Bozshakol 40
Aktogay 110-130	Aktogay 30	Aktogay I & II 550
East Region & Bozymchak 230-250	East Region & Bozymchak 50	Other (incl. Artemyevsky II) 40
	Group 115	Group 630

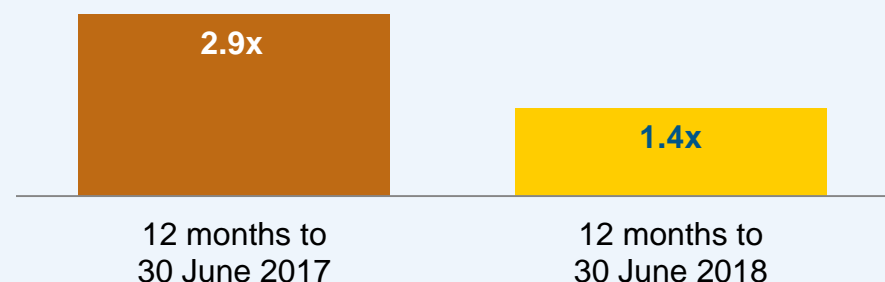
INTERIM DIVIDEND DECLARED



- ▶ Bozshakol and Aktogay now delivered
- ▶ New operations are highly cash generative
- ▶ Interim dividend of 6.0 US cents per share declared in respect of H1 2018
- ▶ Future financing requirements are manageable
 - Baimskaya capex spread over 2018-26
 - Options for phasing of capex
- ▶ Baimskaya partnering options will be evaluated during the feasibility study – optimal timing
- ▶ Capital investment to be supported by significant earnings from low cost portfolio

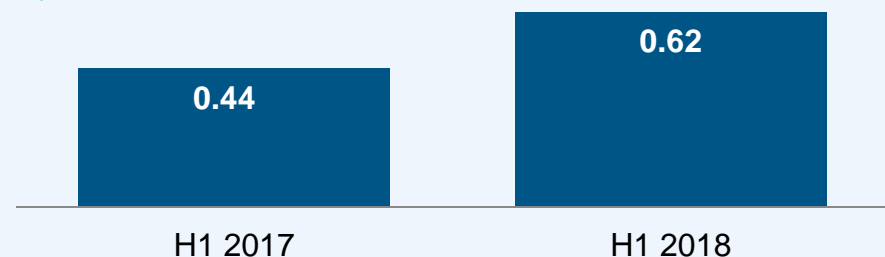
Gearing level reduced

Net debt: Gross EBITDA¹



EPS

\$ per share²



Notes:

1. Gross EBITDA (excluding MET, royalties and special items) for the prior year comparative period includes the results of pre-commercial production from Aktogay sulphide and Bozshakol clay.
2. Earnings per share based on Underlying Profit excluding special items.



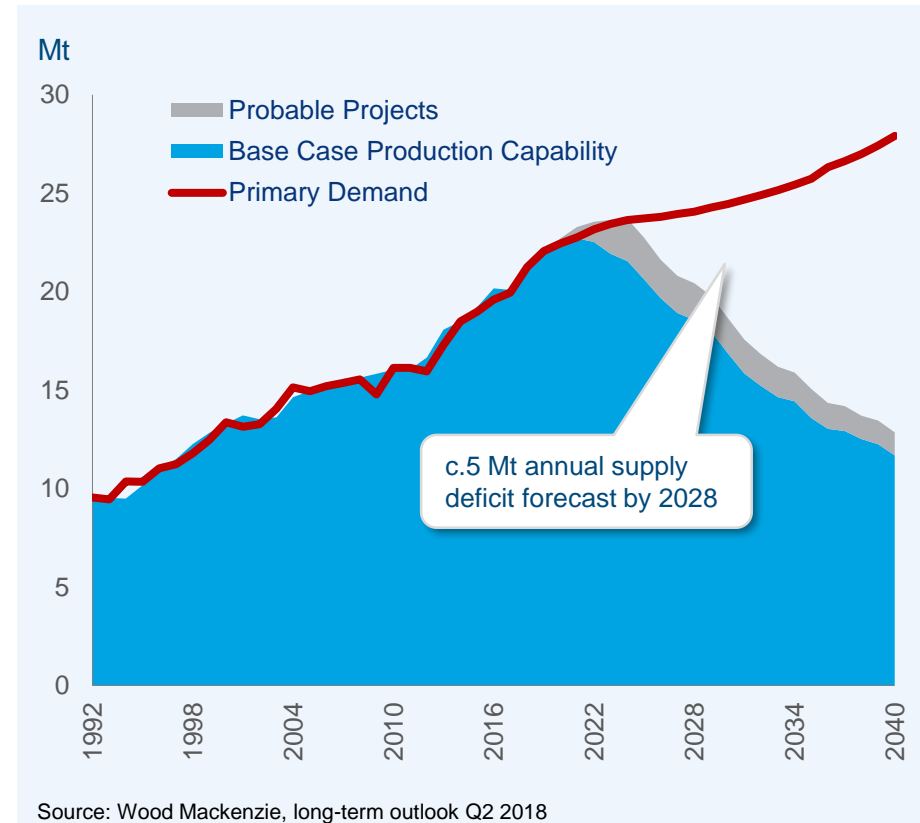
4. Strategy – value and volume

Andrew Southam
CHIEF EXECUTIVE OFFICER

STRONG COPPER MARKET FUNDAMENTALS



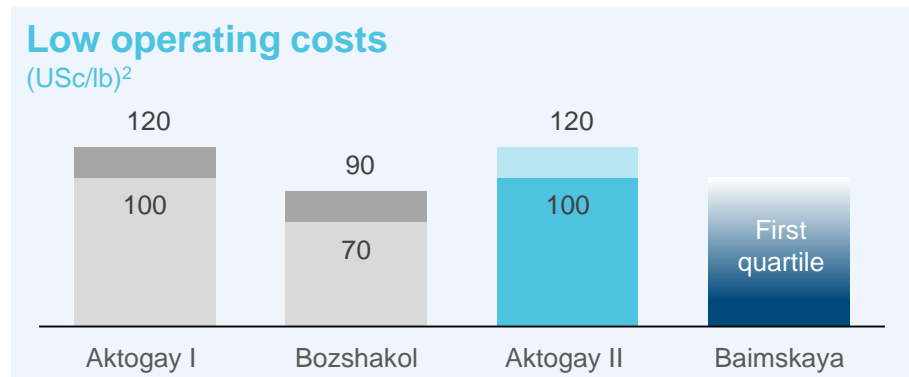
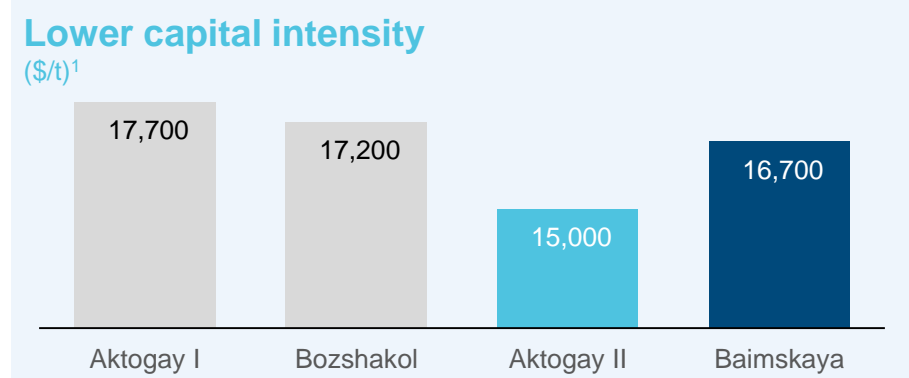
- ▶ Supply from existing mines forecast to decline materially
- ▶ New copper projects will be required to meet demand, but viable large scale deposits are rare
- ▶ Growth in new markets for copper including clean energy and electrical vehicles could significantly increase the supply shortage



PORTFOLIO DELIVERS VALUE AND VOLUME



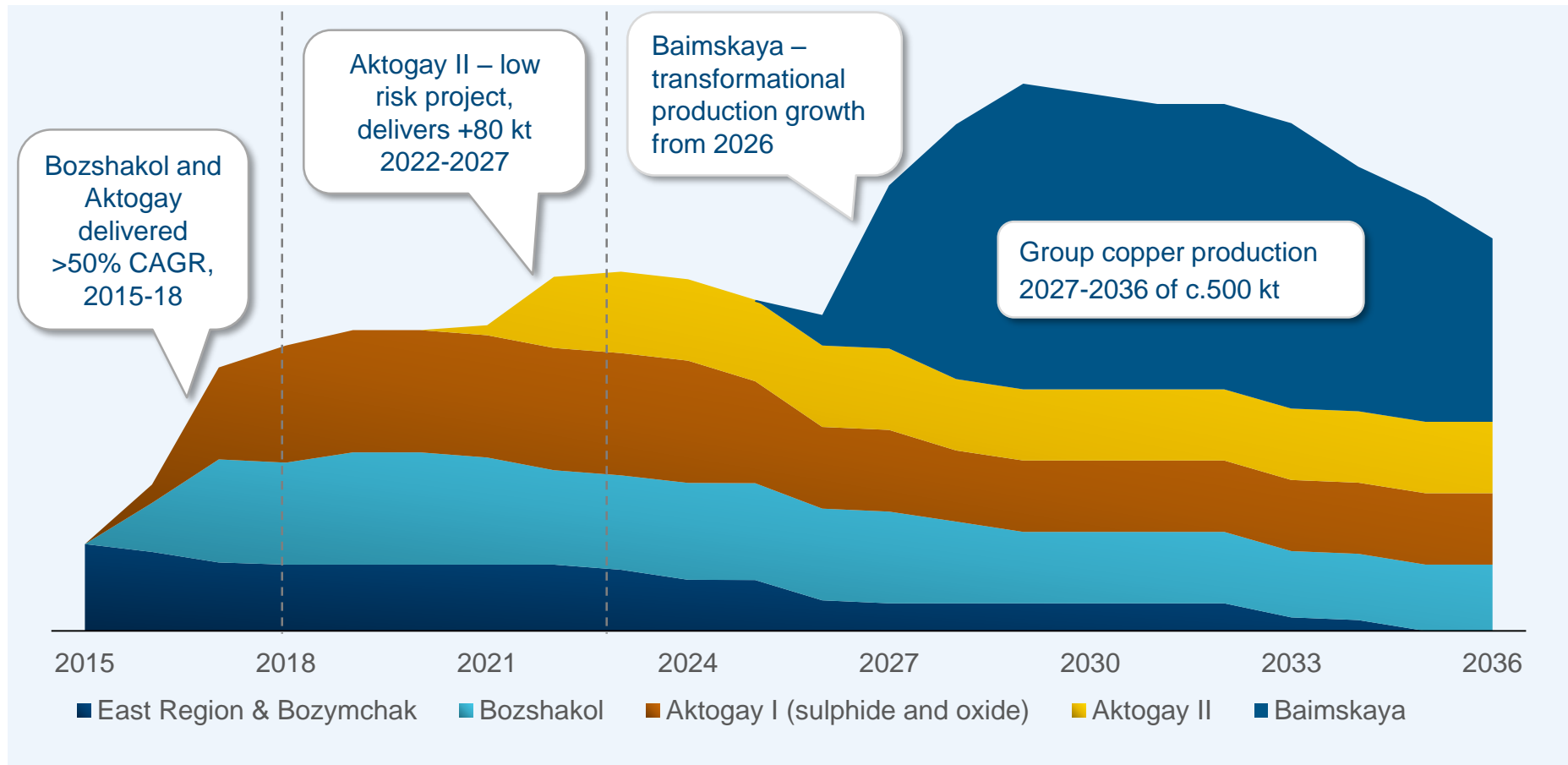
- ▶ Existing large scale, low cost assets generate significant cash flows
- ▶ Aktogay II and Baimskaya will significantly increase the Group's copper production at a lower capital intensity than the previous major growth projects
- ▶ Economies of scale at Aktogay II will maintain cash costs at 100-120 USc/lb out to 2027
- ▶ Baimskaya is expected to be in the first quartile of the global cost curve over the life of the mine, with higher grades in earlier years
- ▶ Both projects offer significant NPV uplift and attractive IRR



1. Approximate capital expenditure per ktpa copper equivalent production calculated as capital expenditure divided by forecast annual copper equivalent production for the first ten years after commissioning.

2. Net cash cost guidance in USc/lb for first ten years of operations. Baimskaya operating costs subject to feasibility study.

MEDIUM AND LONG TERM GROWTH



1. Indicative production schedule, not to scale. Assumes 100% ownership, first production from Baimskaya in 2026 and ramp up from 2027. Actual construction timetable to be determined during feasibility study.



5. Aktogay II expansion project

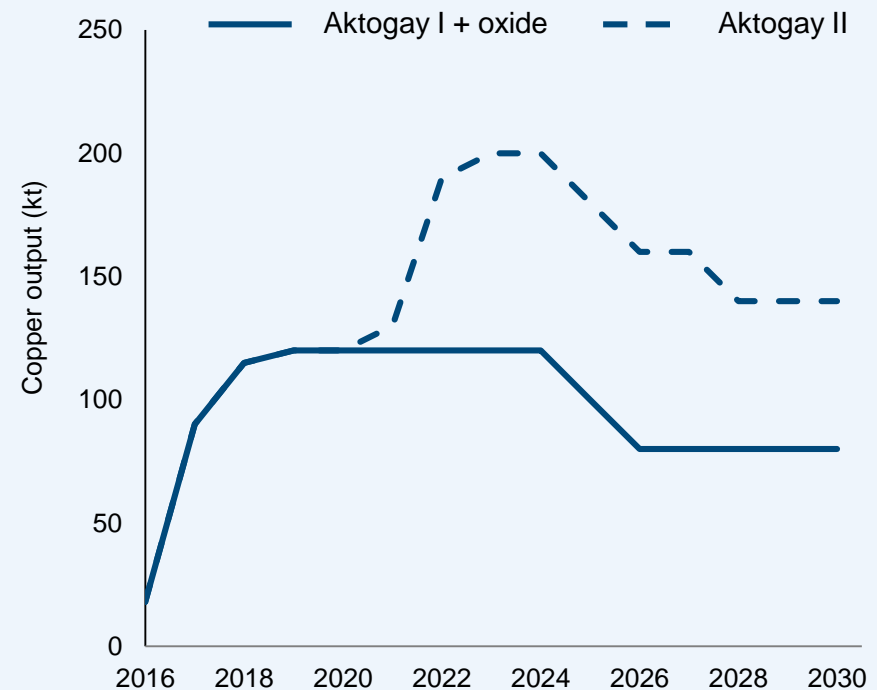
Andrew Southam
CHIEF EXECUTIVE OFFICER

LOW-RISK MEDIUM TERM GROWTH



- ▶ Aktogay II is a \$1.2 billion project approved in Dec 2017 to double sulphide processing capacity from 25 to 50 Mtpa
- ▶ First production expected in H2 2021, ramp up in 2022
- ▶ Adds c.80 kt of annual copper production from 2022-27 and c.60 kt from 2028 onwards
- ▶ Net cash cost 100-120 US\$/lb¹
- ▶ Accelerated processing reduces mine life from 56 to 28 years

Indicative copper production profile



Notes:

1. Net cash cost guidance in US\$/lb for the period 2022-27.

PROJECT SCHEDULE AND PROGRESS

H1 2018

- ▶ Commenced initial excavation and earthworks ✓
- ▶ Long lead time equipment ordered ✓

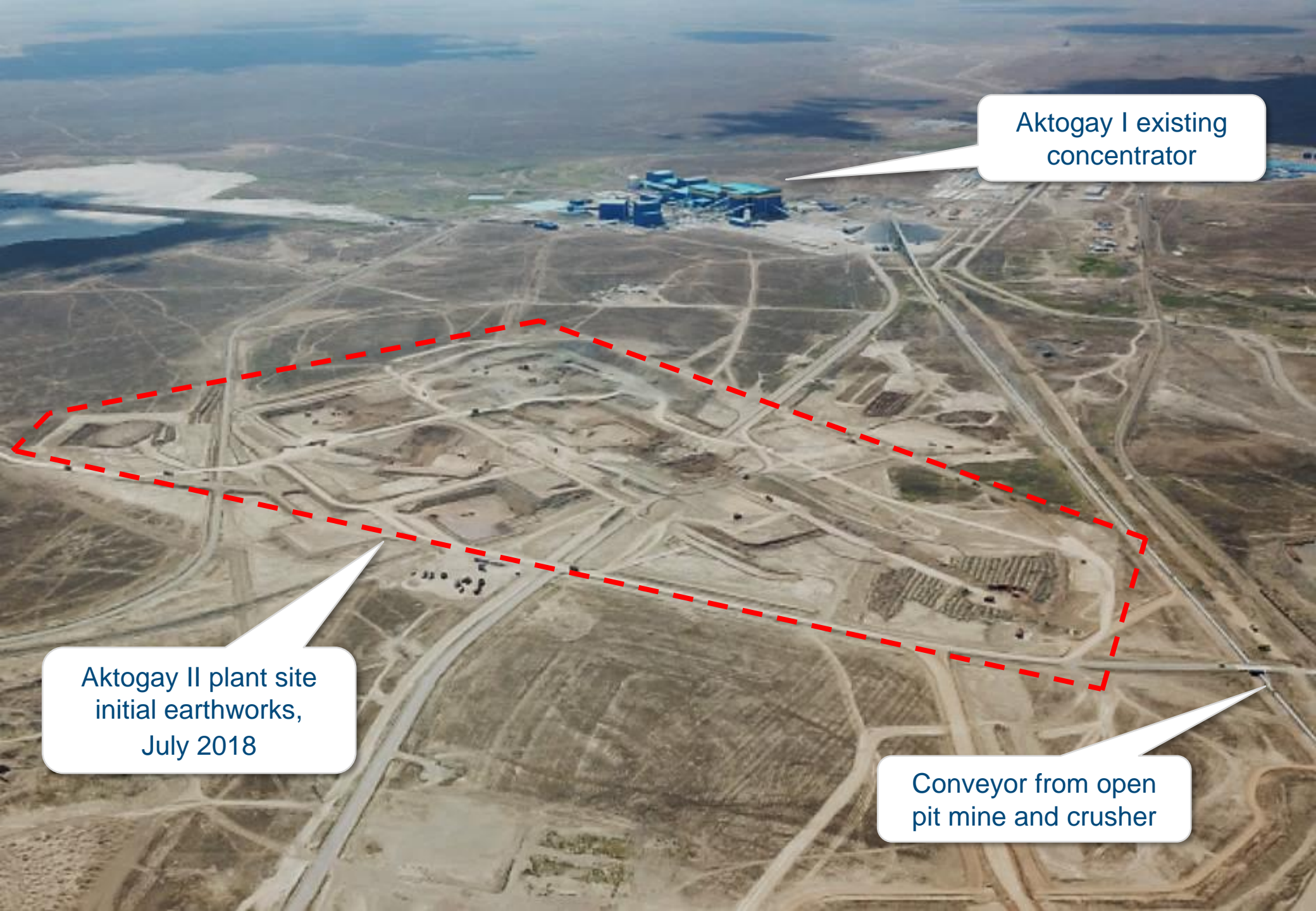
Schedule

Start date

- ▶ Detailed engineering H2 2018
- ▶ Site infrastructure H2 2018
- ▶ Expansion of permanent camp and mine maintenance facilities 2019
- ▶ Main construction activities 2019
- ▶ Mill installation 2020
- ▶ First ore processed 2021



Initial earthworks, Aktogay expansion project

An aerial photograph of an industrial site in a desert environment. In the upper center, there is a cluster of blue-roofed buildings identified as the Aktogay I existing concentrator. A large area in the center and lower-left is outlined with a red dashed line, representing the Aktogay II plant site where initial earthworks were completed in July 2018. A long, straight conveyor belt structure runs diagonally from the bottom right towards the center, identified as the conveyor from the open pit mine and crusher. The surrounding landscape is arid with some water bodies visible in the top left.

Aktogay I existing
concentrator

Aktogay II plant site
initial earthworks,
July 2018

Conveyor from open
pit mine and crusher

6. Baimskaya copper project

Andrew Southam
CHIEF EXECUTIVE OFFICER

BAIMSKAYA PROJECT OVERVIEW

- ▶ The Group has agreed to acquire the Baimskaya copper project for \$900 million in cash and shares
 - \$675 million Initial Consideration plus Deferred Consideration of \$225 million
- ▶ Indicative \$5.5 billion nominal capex budget 2018-26¹
- ▶ 60 Mtpa ore processing capacity, c.25 year mine life
- ▶ Average annual production² of 250 kt copper and 400 koz gold, copper equivalent 330 ktpa³
- ▶ First quartile net cash costs over life of mine, higher grades in first ten years of operations
- ▶ Potential for resource expansion in c.1,300 sq. km licence area



Peschanka deposit, Baimskaya copper project, July 2018

1. In nominal terms based on 100% share of development capital expenditure, subject to confirmation in feasibility study.
2. Average for first ten years of operations, based on 100% share of production.
3. Assuming analyst consensus long term copper price of 6,700 \$/t and gold price of 1,300 \$/oz.

INDICATIVE TIMETABLE



1. Deferred Consideration payable in cash on Long Stop Date if conditions not met.

INFRASTRUCTURE

Power

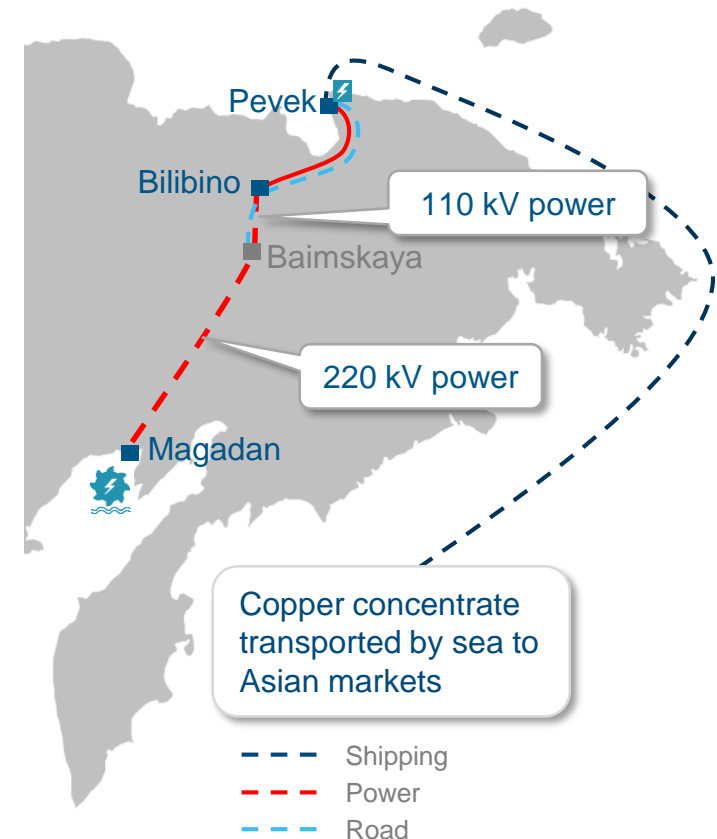
- ▶ Power generation for the construction phase of the project is currently being installed at Pevek
- ▶ Government funded 110 kV Bilibino-Baimskaya power line is under construction
- ▶ Government financing allocated to commence construction of a 220 kV line connecting the project to existing hydropower near Magadan for the production phase

Road

- ▶ Access to the site initially via winter road from Pevek
- ▶ Russian government to finance permanent road

Shipping

- ▶ Copper concentrate will be shipped to customers from Pevek with year-round navigation expected in Northern Sea Route



*Russian government funded
floating nuclear power facility
'Akademik Lomonosov'*

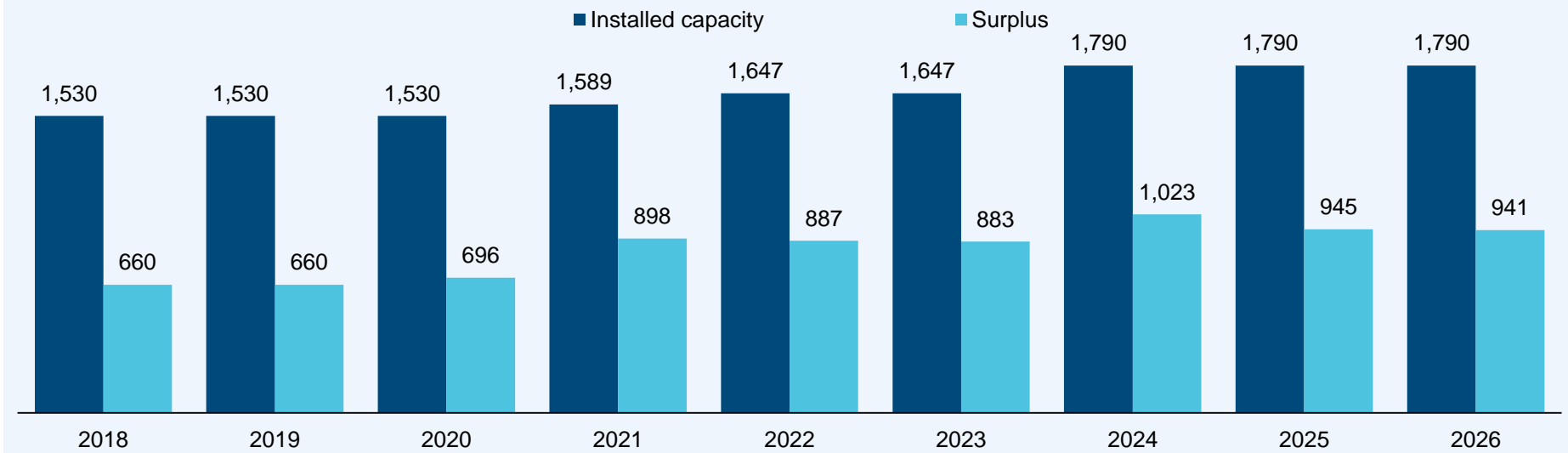


*Delivery of pylons for
110 kV power line,
Pevek*



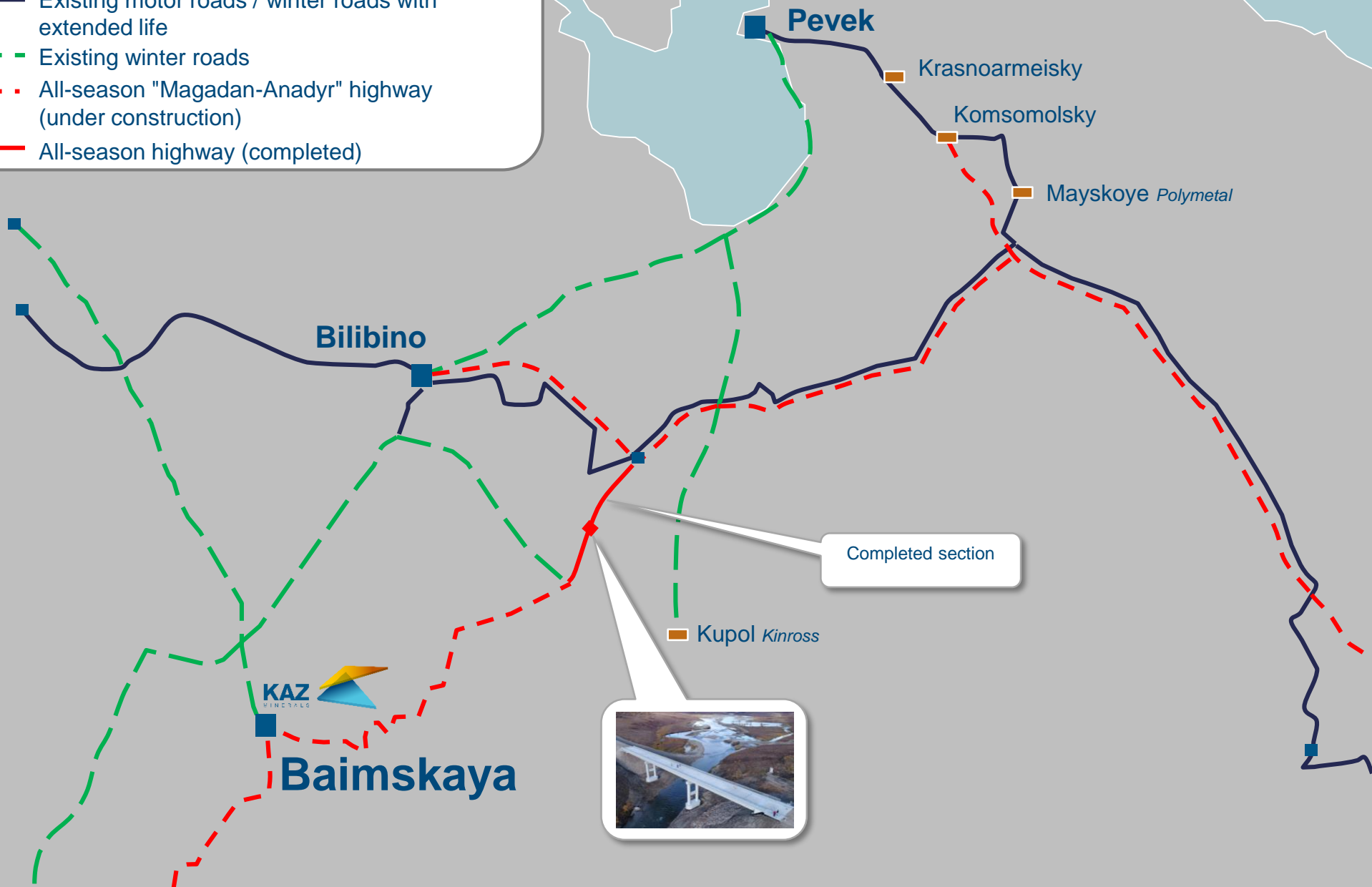
MAGADAN POWER CAPACITY SURPLUS

Magadan regional power balance (MW)



- ▶ The majority of generation capacity in the Magadan region is low cost hydropower from Kolyma HPP
- ▶ Baimskaya will require c.280 MW for operations
- ▶ Financing has been allocated to commence construction of the 220 kV power line linking Magadan to Chukotka

- Gold mine
- Existing motor roads / winter roads with extended life
- Existing winter roads
- All-season "Magadan-Anadyr" highway (under construction)
- All-season highway (completed)



*Government funded
road infrastructure under
construction*



NORTHERN SEA ROUTE

- ▶ Increasing the use of the Northern Sea Route to Asia is a policy objective of the Russian government
- ▶ The shipping route is already open and being used by oil & gas producers
 - On 31 July 2018, the *Christophe de Margerie* LNG tanker completed the first Yamal to Tangshan delivery in 18.5 days without icebreaker support
- ▶ Existing fleet of nuclear icebreakers currently in service and new vessels planned for construction
- ▶ Shipments from Pevek expected to join convoys travelling east



Arktika class icebreaker, '50 years of victory'

7. Summary

Andrew Southam
CHIEF EXECUTIVE OFFICER

VALUE AND VOLUME



► Today

- Strong H1 results, all assets in first quartile of global cost curve
- Bozshakol and Aktogay delivered
- Interim dividend declared

► Medium term growth

- Copper market deficit to emerge over next decade
- Aktogay II (+80kt) offers low-risk, value-accretive growth from 2021
- KAZ Minerals will be a larger scale, low cost copper producer, with highly profitable operations

► Transformational growth

- Baimskaya (+250kt) provides value-accretive growth from 2026
- Capital phasing, financing and partnering options to be assessed during feasibility study



APPENDIX

SUMMARY INCOME STATEMENT



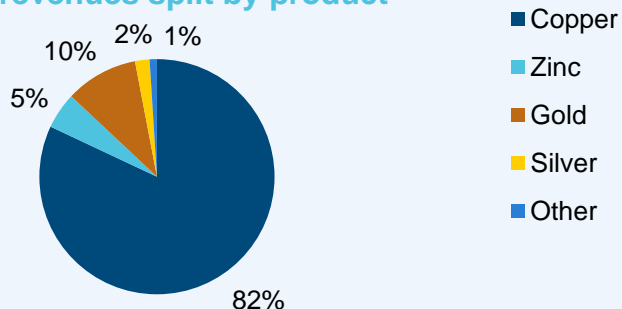
Key line items

\$m (unless otherwise stated)	H1 2018	H1 2017
Revenues¹	1,098	721
Cost of sales	(533)	(344)
Gross profit	565	377
Operating profit	464	291
Net finance costs	(109)	(51)
Profit before taxation	355	240
Income tax expense	(79)	(55)
Profit for the period	276	185
EPS based on Underlying Profit (\$)	0.62	0.44

Reconciliation of Underlying Profit

\$m	H1 2018	H1 2017
Net profit attributable to equity holders of the Company	276	185
Special items	-	10
Underlying Profit	276	195

H1 2018 revenues split by product



Notes:

- The prior year comparative period includes the results of pre-commercial production from Aktogay sulphide and Bozshakol clay (H1 2017 \$116 million: Bozshakol clay \$21 million, Aktogay sulphide \$95 million).

REVENUES AND SALES VOLUMES (COMMERCIAL PRODUCTION ONLY)



Revenues¹

\$m	H1 2018	H1 2017
Copper cathode	342	266
Copper in concentrate	560	251
Zinc in concentrate	60	59
Gold	33	31
Gold in concentrate	72	75
Silver	19	27
Silver in concentrate	7	7
Other	5	5
Total revenues	1,098	721

Average realised prices

	H1 2018	H1 2017
Copper cathode (\$/t)	6,916	5,799
Copper in concentrate (\$/t) ³	6,135	5,251
Zinc in concentrate (\$/t)	2,255	1,850
Gold (\$/oz)	1,314	1,236
Gold in concentrate (\$/oz) ³	1,296	1,265
Silver (\$/oz)	16.6	17.4
Silver in concentrate (\$/oz) ³	16.1	17.0

Sales volumes¹

kt (unless otherwise stated)	H1 2018	H1 2017
Copper cathode	50	46
Copper in concentrate ²	91	48
Zinc in concentrate	27	32
Gold (koz)	25	25
Gold in concentrate (koz) ²	56	59
Silver (koz)	1,116	1,594
Silver in concentrate (koz) ²	438	361

LME and LBMA Prices

	H1 2018	H1 2017
Copper (\$/t)	6,917	5,748
Zinc (\$/t)	3,268	2,690
Gold (\$/oz)	1,318	1,238
Silver (\$/oz)	16.7	17.3

Notes:

1. The prior year comparative period excludes the results of pre-commercial production from Aktogay sulphide and Bozshakol clay (H1 2017 \$116 million: Bozshakol clay \$21 million, Aktogay sulphide \$95 million).
2. Payable metal in concentrate sold.
3. After the deduction of processing charges.

GROSS REVENUES AND SALES VOLUMES (INCLUDING PRE-COMMERCIAL PRODUCTION)



Gross Revenues¹

\$m	H1 2018	H1 2017
Copper cathode	342	301
Copper in concentrate	560	331
Zinc in concentrate	60	59
Gold	33	31
Gold in concentrate	72	75
Silver	19	27
Silver in concentrate	7	8
Other	5	5
Total revenues	1,098	837

Average realised prices

	H1 2018	H1 2017
Copper cathode (\$/t)	6,916	5,793
Copper in concentrate (\$/t) ³	6,135	5,238
Zinc in concentrate (\$/t)	2,255	1,850
Gold (\$/oz)	1,314	1,236
Gold in concentrate (\$/oz) ³	1,296	1,265
Silver (\$/oz)	16.6	17.4
Silver in concentrate (\$/oz) ³	16.1	16.9

Sales volumes¹

kt (unless otherwise stated)	H1 2018	H1 2017
Copper cathode	50	52
Copper in concentrate ²	91	63
Zinc in concentrate	27	32
Gold (koz)	25	25
Gold in concentrate (koz) ²	56	59
Silver (koz)	1,116	1,594
Silver in concentrate (koz) ²	438	449

LME and LBMA Prices

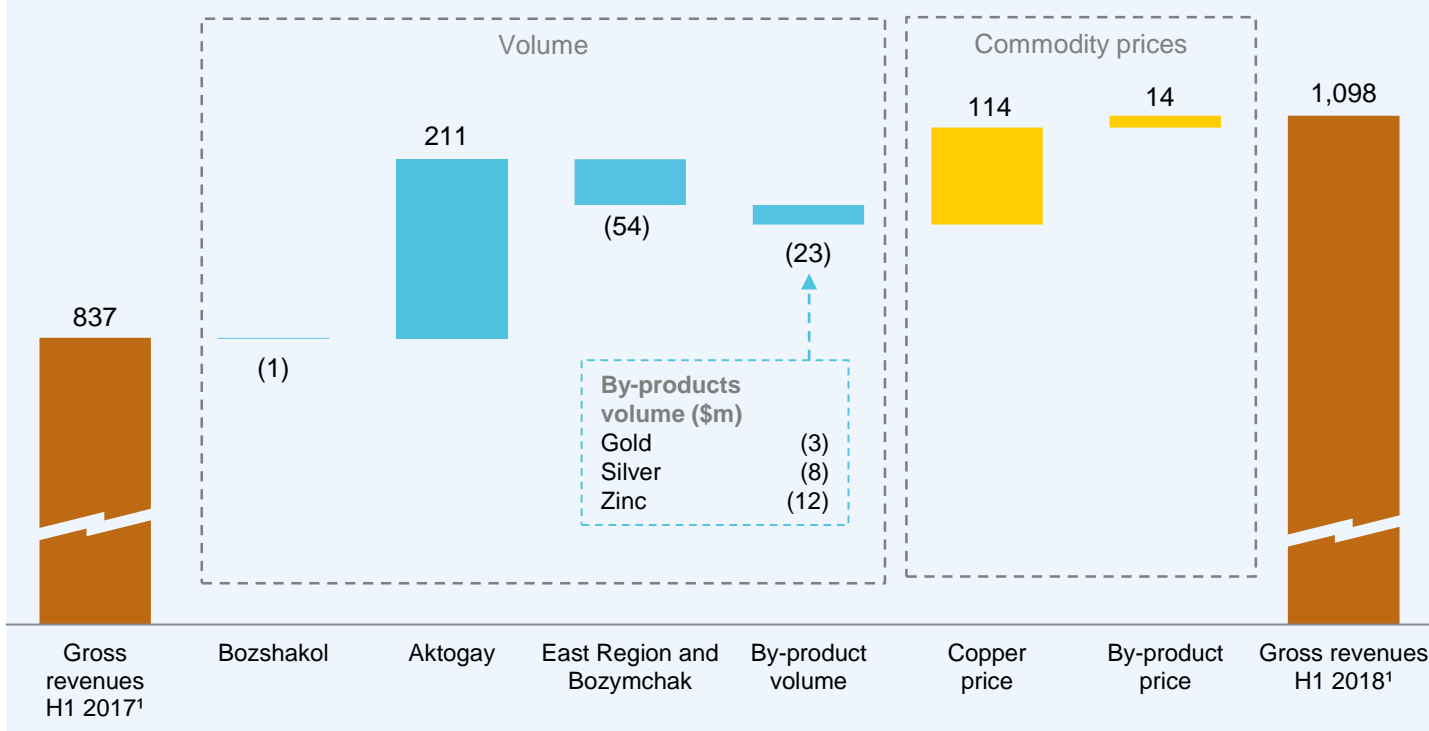
	H1 2018	H1 2017
Copper (\$/t)	6,917	5,748
Zinc (\$/t)	3,268	2,690
Gold (\$/oz)	1,318	1,238
Silver (\$/oz)	16.7	17.3

Notes:

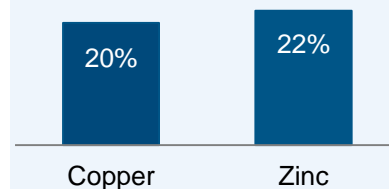
1. The prior year comparative period includes the results of pre-commercial production from Aktogay sulphide and Bozshakol clay (H1 2017 \$116 million: Bozshakol clay \$21 million, Aktogay sulphide \$95 million).
2. Payable metal in concentrate sold.
3. After the deduction of processing charges.

GROSS REVENUE RECONCILIATION

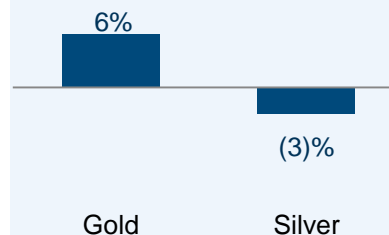
Volume growth complemented by increase in commodity prices (\$m)



Average LME HY 2018 vs HY 2017



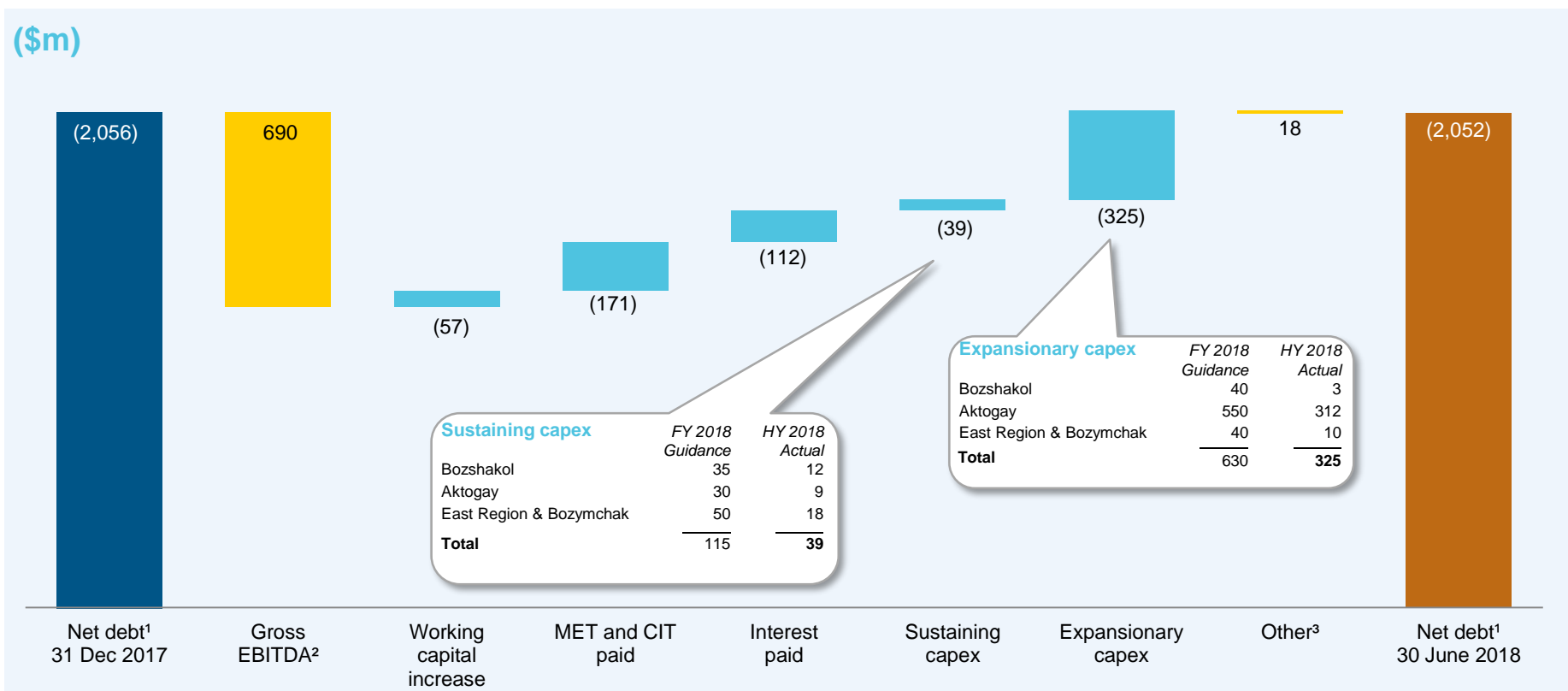
Average LBMA HY 2018 vs FY 2017



Notes:

- The prior year comparative period includes the results of pre-commercial production from Aktogay sulphide and Bozshakol clay (H1 2017 \$116 million: Bozshakol clay \$21 million, Aktogay sulphide \$95 million).

MOVEMENT IN GROUP NET DEBT



Notes:

1. The excess of borrowings over cash and cash equivalents.
2. The prior year comparative period includes the results of pre-commercial production from Aktogay sulphide and Bozshakol clay.
3. Includes foreign exchange, interest received and other movements.

EBITDA RECONCILIATION



EBITDA¹ by operating segment

\$m	H1 2018	H1 2017
Bozshakol ²	277	242
Aktogay ²	271	93
East Region and Bozymchak	155	180
Corporate services	(13)	(10)
Gross EBITDA²	690	505
Less: Capitalised pre-commercial production EBITDA	-	(76)
Bozshakol	-	(12)
Aktogay	-	(64)
EBITDA¹	690	429

Notes:

1. EBITDA (excluding MET, royalties and special items).
2. The prior year comparative period includes the results of pre-commercial production from Aktogay sulphide and Bozshakol clay.

CASH FLOW



\$m	H1 2018	H1 2017
EBITDA¹	690	429
Working capital movements ²	(57)	(31)
Interest paid	(112)	(114)
MET and royalties paid ²	(111)	(66)
Income tax paid	(60)	(47)
Foreign exchange and other movements	(3)	7
Net cash flows from operating activities before capital expenditure and non-current VAT associated with major projects	347	178
Sustaining capital expenditure	(39)	(23)
Free Cash Flow	308	155
Expansionary and new project capital expenditure ³	(325)	(85)
Net non-current VAT associated with major projects	3	159
Interest received	14	7
Other movements	(1)	(1)
Cash flow movement in net debt	(1)	235

Notes:

1. EBITDA (excluding MET, royalties and special items).
2. Excludes working capital and MET movements arising from pre-commercial production from Aktogay sulphide and Bozshakol clay in H1 2017.
3. Includes the capitalisation of revenues, costs and working capital outflows during the period of pre-commercial production in H1 2017.

SUMMARY BALANCE SHEET



Assets

\$m	H1 2018	2017	H1 2017
Non-current assets	3,125	3,215	3,540
Gross liquid funds	1,653	1,821	1,223
Other current assets	670	586	496
Total	5,448	5,622	5,259

Non-current assets

\$m	H1 2018	2017	H1 2017
Intangible assets	7	7	7
Tangible assets	2,840	2,973	3,217
Other non-current assets	216	170	242
Deferred tax asset	62	65	74
Total	3,125	3,215	3,540

Equity & liabilities

\$m	H1 2018	2017	H1 2017
Equity	1,198	998	840
Borrowings	3,705	3,877	3,665
Other liabilities	545	747	754
Total	5,448	5,622	5,259

Net debt

\$m	H1 2018	2017	H1 2017
Gross liquid funds	1,653	1,821	1,223
Borrowings	(3,705)	(3,877)	(3,665)
Long-term	(3,187)	(3,459)	(3,399)
Short-term	(518)	(418)	(266)
Total	(2,052)	(2,056)	(2,442)

DEBT FACILITIES



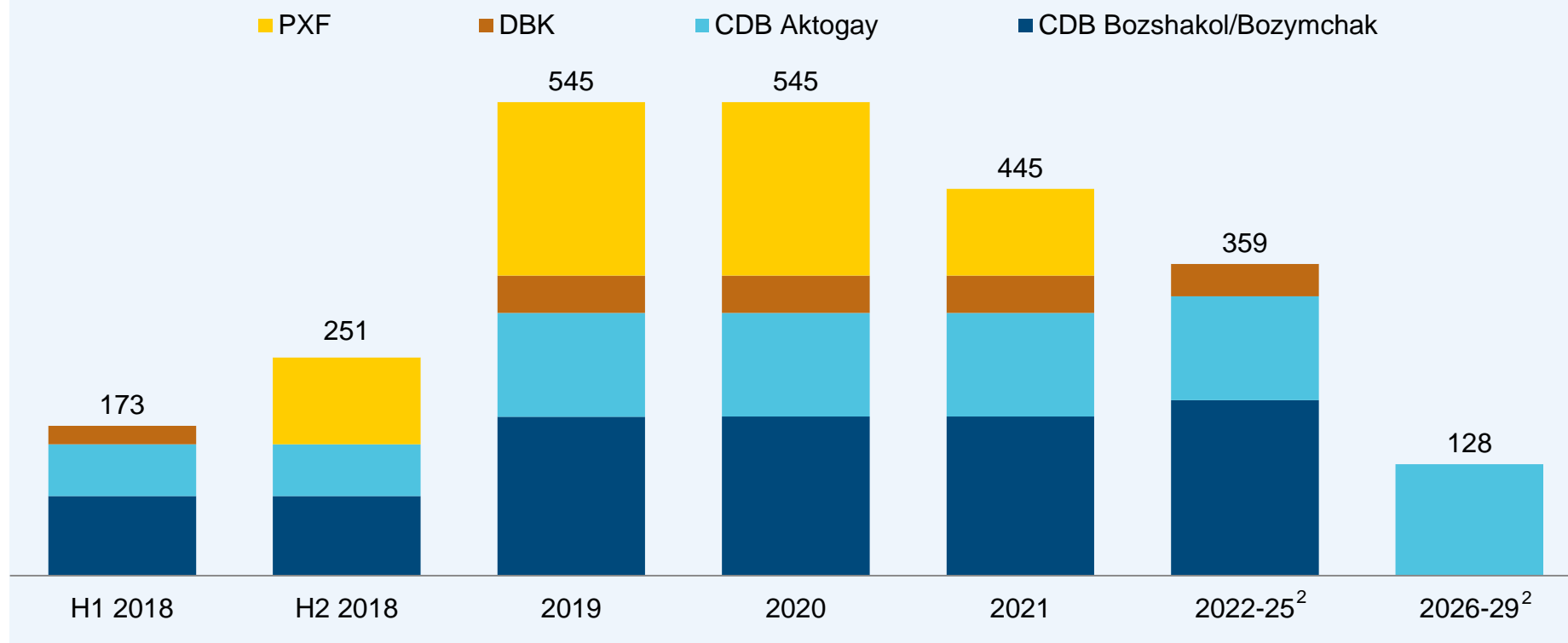
Facility	Maturity and interest rate	Balance as at 30 June 2018 ¹
CDB Bozshakol/Bozymchak	Final maturity 2025 <ul style="list-style-type: none"> ▶ \$ LIBOR + 4.5% ▶ Semi-annual principal and interest payments 	Fully drawn – \$1,448 million <ul style="list-style-type: none"> ▶ Balance sheet covenant
CDB Aktogay	Final maturity 2029 <ul style="list-style-type: none"> ▶ \$ LIBOR + 4.2% (USD facility) ▶ PBoC 5 year (RMB facility) ▶ USD facility - semi-annual principal payments from March 2018; semi-annual interest payments ▶ RMB facility - semi-annual principal payments; quarterly interest payments 	Fully drawn – \$1,407 million <ul style="list-style-type: none"> ▶ Balance sheet covenant
DBK	Final maturity 2025 <ul style="list-style-type: none"> ▶ \$ LIBOR + 4.5% ▶ Semi-annual principal payments from June 2018 ▶ Semi-annual interest payments (USD) 	Fully drawn – \$278 million <ul style="list-style-type: none"> ▶ Balance sheet covenant
PXF	Final maturity 2021 <ul style="list-style-type: none"> ▶ Margin based on net debt/EBITDA ratio <ul style="list-style-type: none"> - between \$ LIBOR +3.0% to 4.5% ▶ Monthly interest payments ▶ Monthly principal repayments from July 2018 to June 2021 	Fully drawn – \$600 million <ul style="list-style-type: none"> ▶ New \$600m PXF signed in June 2017 <ul style="list-style-type: none"> - Extended final maturity by 2.5 years to June 2021 - Monthly principal repayments from July 2018

Notes:

1. Drawn amount excludes amortised net fees.

DEBT REPAYMENT PROFILE

Repayment Profile¹ (\$m)

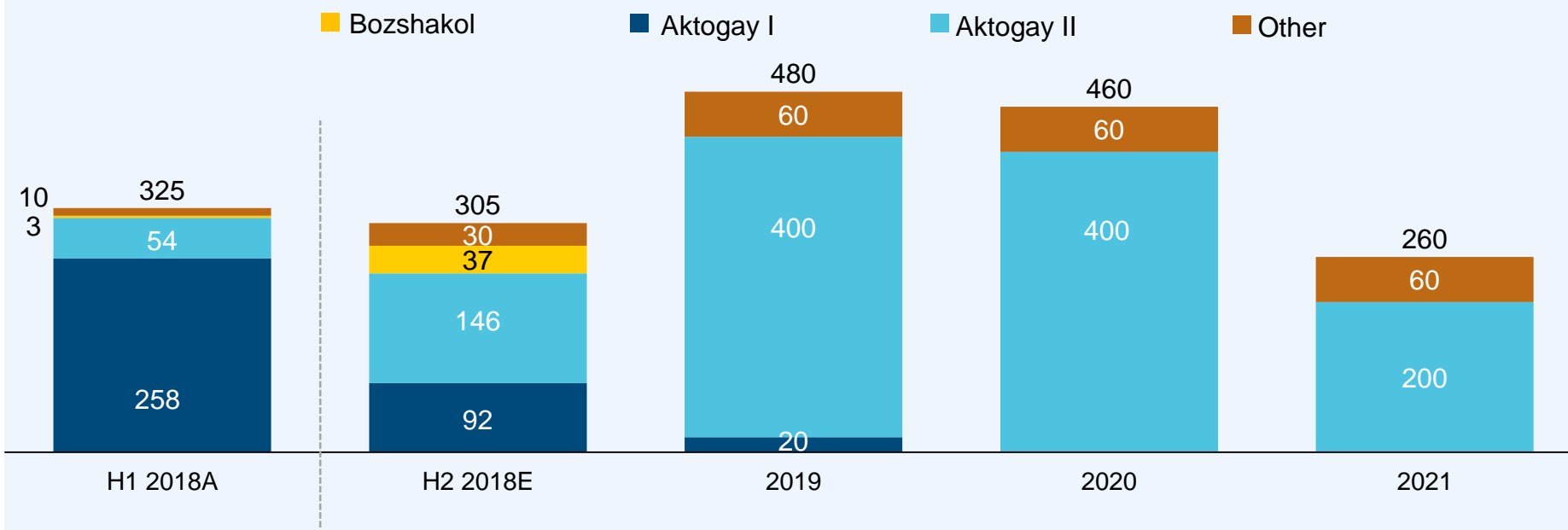


Notes:

1. Based on drawn debt facilities at 30 June 2018.
2. Average debt repayments per annum.

CAPITAL EXPENDITURE GUIDANCE

Expansionary capex (\$m)



- ▶ \$250 million deferred from 2016 paid to NFC for Aktogay construction in January 2018. Final \$50 million to be settled in H2
- ▶ \$54 million invested in Aktogay expansion in H1 2018

GROUP CASH COST RECONCILIATION



\$m (unless otherwise stated)	H1 2018	H1 2017	2017	2016
Copper sales (kt) ¹	141	115	256	141
Revenues	1,098	721	1,663	766
EBITDA ²	(703)	(439)	(1,063)	(375)
Pre-commercial production ³	-	40	78	62
TC/RCs and other adjustments	55	45	98	31
Gross cash cost	450	367	776	484
Gross cash cost (USc/lb)	145	144	138	156
By-product credits	(194)	(205)	(406)	(300)
Net cash costs	256	162	370	184
Net cash cost (USc/lb)	82	64	66	59

Notes:

1. The prior year comparative period includes the results of pre-commercial production from Aktogay sulphide and Bozshakol clay.
2. EBITDA (excluding MET, royalties and special items) excludes corporate services.
3. Cash operating costs capitalised during the periods prior to commercial production.

AKTOGAY OPERATING COSTS AND SUSTAINING CAPEX



- ▶ Net cash costs to 2027 expected to be maintained at 100-120 USc/lb¹
- ▶ Operating cost efficiencies from larger scale mining operations offset the effect of accelerated grade decline, as processing volumes are brought forward
- ▶ Sustaining capital expenditure estimated to increase from \$30-\$40 million to \$50-\$60 million per annum from 2022

Copper processing grade profile²

12 months to 31 December 2017, supergene enriched **0.66%**

2017 – 2021 Aktogay I **c.0.50%**

2022 – 2027 Aktogay I and Aktogay II **c.0.40%**

Life of mine sulphide resource grade **0.33%**

Notes:

1. 2017 US dollar terms.
2. Sulphide ore.

AKTOGAY KEY PROJECT STATISTICS

Aktogay sulphide I

- ▶ 25 Mt annual sulphide ore processing capacity
- ▶ Mine life of over 50 years
- ▶ Average annual copper production of 90 kt, 2018-27
- ▶ Project development cost \$2.0 billion¹

Aktogay sulphide II

- ▶ Additional 25 Mt sulphide ore processing capacity
- ▶ Reduces mine life to 28 years
- ▶ Increases sulphide copper production to c.170 kt, 2022-27 and c.130 kt annual thereafter
- ▶ Project development cost \$1.2 billion, 2018-21

Aktogay oxide

- ▶ Cathode production c.20 kt, 8 year resource life to 2025



Aktogay sulphide concentrator no. 1

Notes:

1. Aktogay capital expenditure including sulphide and oxide.

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