



INVESTOR BRIEF MAY 2017



SOLID INVESTMENT CASE



- ◆ Safer and more predictable production



- ◆ Maintain increase in grade (mining closer to reserve grade)



- ◆ Strong balance sheet, which allows for growth and dividends (paid from profits only)



- ◆ On track to produce in line with guidance (for a second consecutive year)



- ◆ Growth (exploration, only acquisitions that ensure shareholder returns)



- ◆ Share price uplift (current share price heavily discounted vs book value of assets)



GLOBAL GOLD MINER

JSE (HAR); NYSE (HMY)
Market cap of US\$1bn

WHERE WE OPERATE

South Africa



9 underground operations ■●

1 open pit mine ▲

Multiple surface sources ●

Papua New Guinea



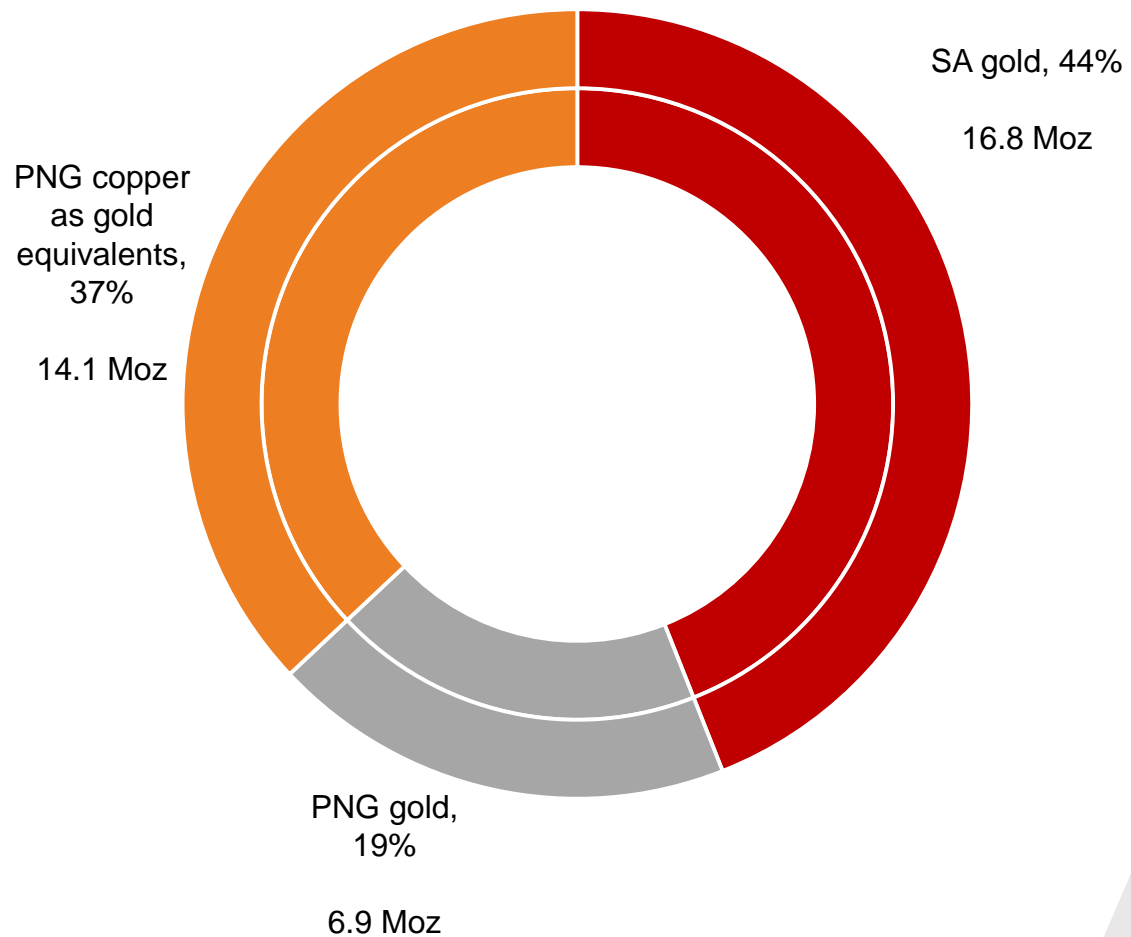
1 open pit mine ▲

Golpu project (50:50 JV) ●

Multiple exploration areas (50% and 100%)

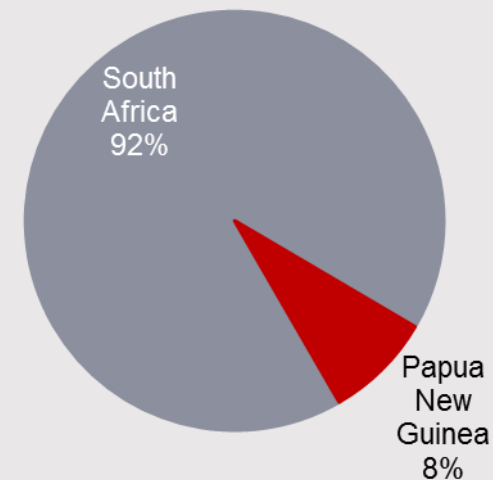
Kili Teke discovery (100% owned) ■

QUALITY RESERVES (GOLD EQUIVALENT) SPLIT



- ◆ Total reserves of 37.8 Moz¹
- ◆ Total resources of 107.6 Moz¹

Gold production H1FY17



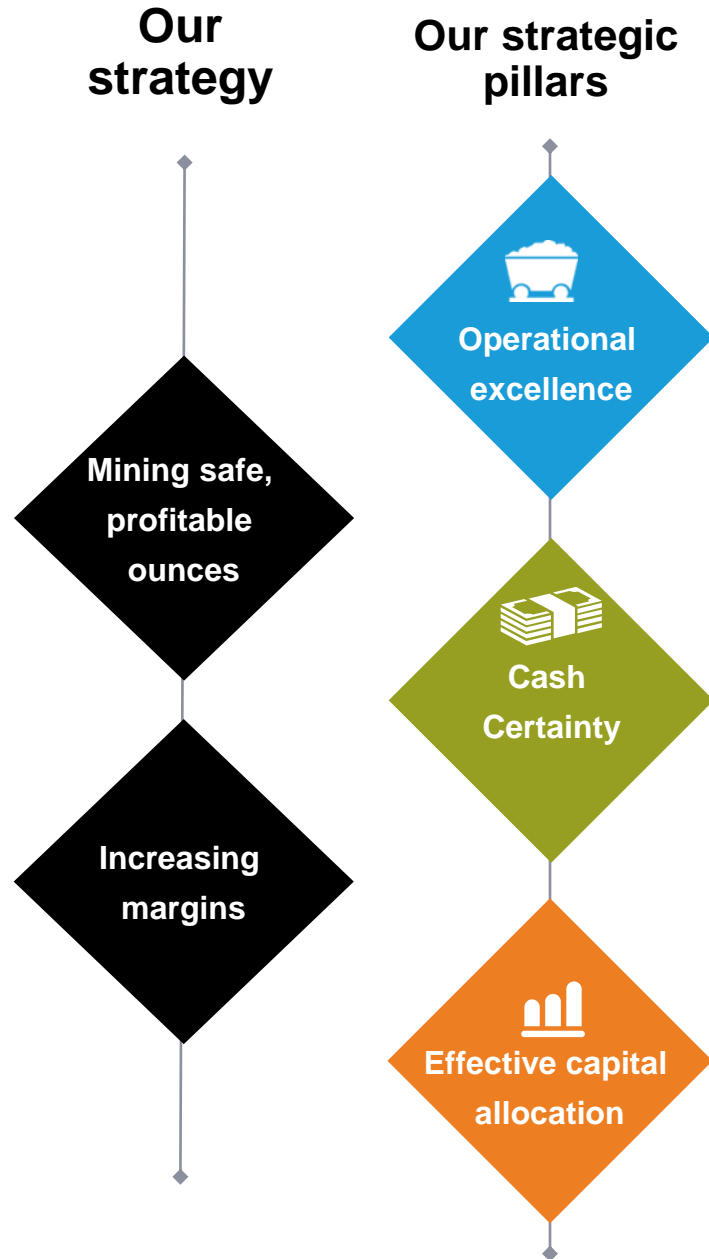
1. Refer www.harmony.co.za for detail, Gold equivalent based on US\$1150 oz Au, and US\$3.0 lb Cu 100% of Hidden Valley included



OUR STRATEGY



OUR STRATEGY



Delivering on our strategy...

- ✓ Fatality and safety rates improved
- ✓ Grade management – no mining below cut off
- ✓ On track to meet production guidance in FY17

- ✓ Operations generating free cash flow
- ✓ Hedging strategy – cash flow margin certainty
- ✓ Low net debt – balance sheet flexibility

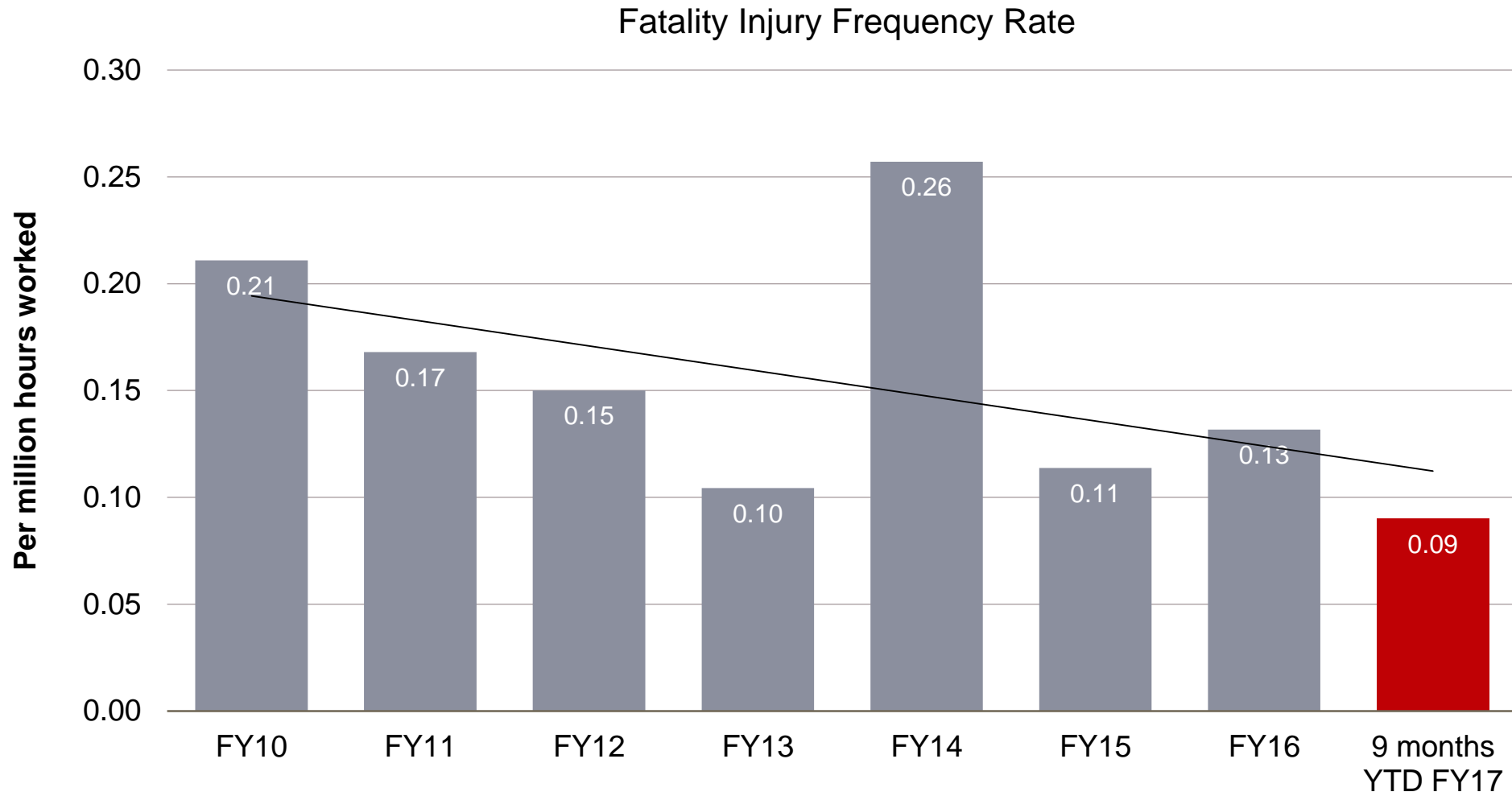
- ✓ Paid dividends out of profits
- ✓ Focus on organic growth (greenfields and brownfields exploration)
- ➔ Identifying value accretive acquisitions



OPERATIONAL EXCELLENCE

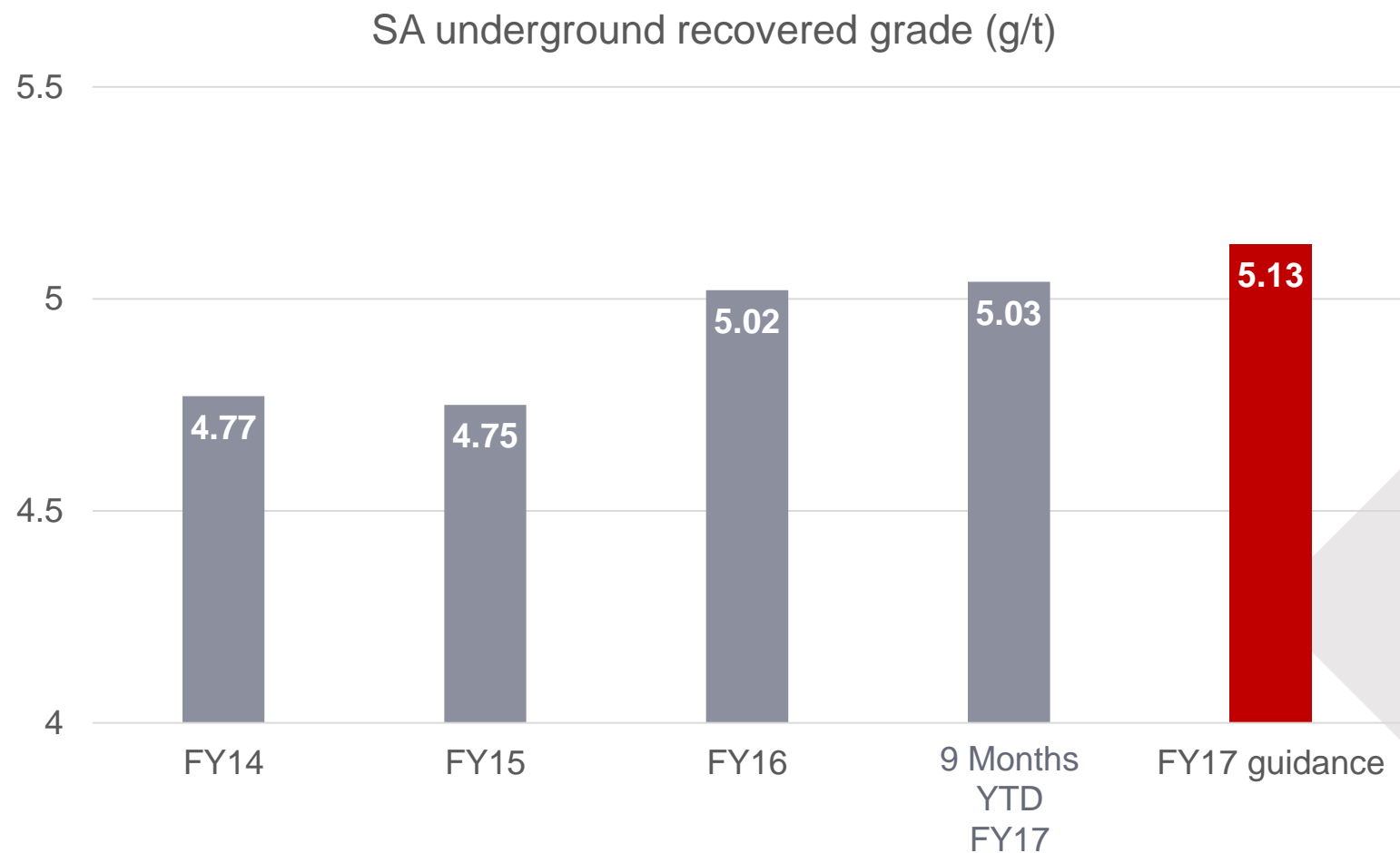


SAFETY FIRST - WORKING TOWARDS ZERO HARM



GRADE DISCIPLINE – NO MINING BELOW CUT-OFF

- ◆ Planned average mining grades are being achieved
- ◆ Medium to long term development strategies paying off



GRADE IS KING

Harmony's grade code

- ◆ No mining below cut-off
- ◆ Mining to average reserve grade
- ◆ Only quality grade

Growth projects delivering good results

- ◆ Phakisa, Tshepong decline on track with grades
- ◆ Accessed higher grade areas through Doornkop and Kusasalethu deepening
- ◆ Mining the Bambanani high grade pillar
- ◆ Completion of Joel decline in FY17 will deliver additional higher grade ore
- ◆ Planned average mining grades are being achieved
- ◆ Medium to long term development strategies paying off

MORE PREDICTABLE MINING

◆ Guidance delivery

	FY17 Guidance	Performance YTD (9 months March 2017)		Outlook
Production	1 050 000oz	812 192oz	77% of guidance	✓ Well in reach
All-in Sustaining Costs (AISC)	R495 000/kg US\$1 100/oz ¹	R516 630/kg US\$1 170/oz ²	-4% variance -6% variance	➔ Increased production in Q4 expected

¹ Exchange rate of R14.00/US\$

² Average exchange rate of R13.73/US\$

◆ Operational free cash flow positive

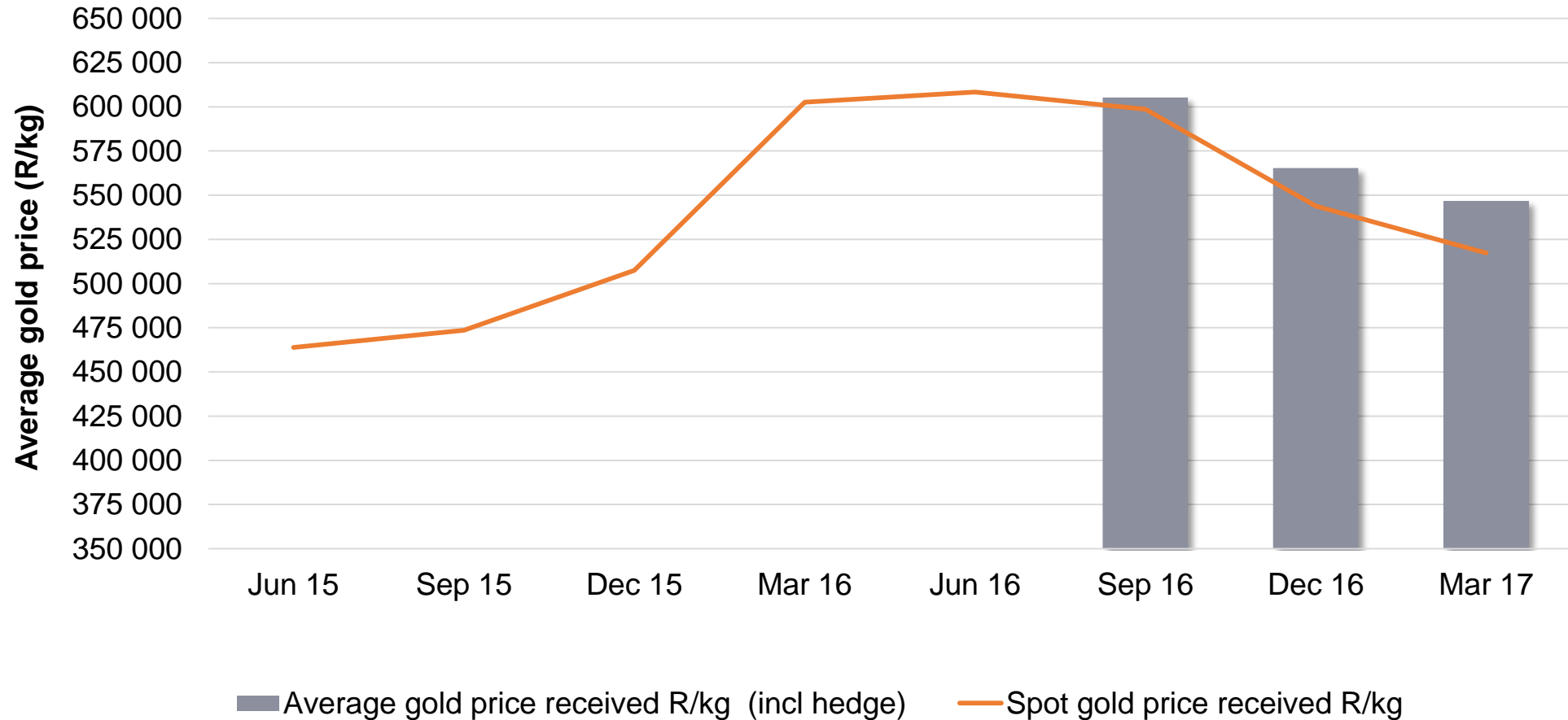
- YTD operational free cash flow margin of 8% achieved (after growth capital)



CASH CERTAINTY

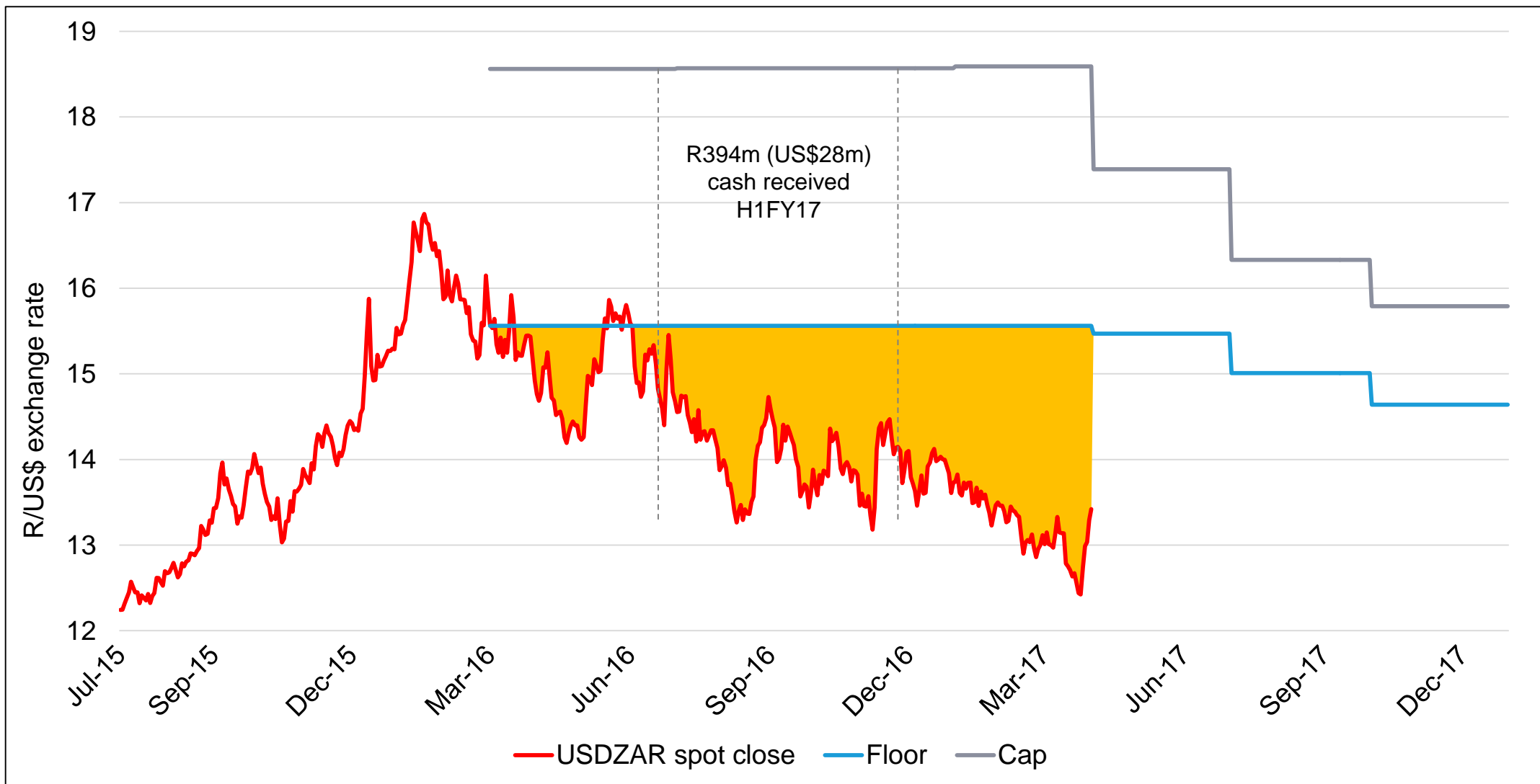


GOLD HEDGE SECURES CASH

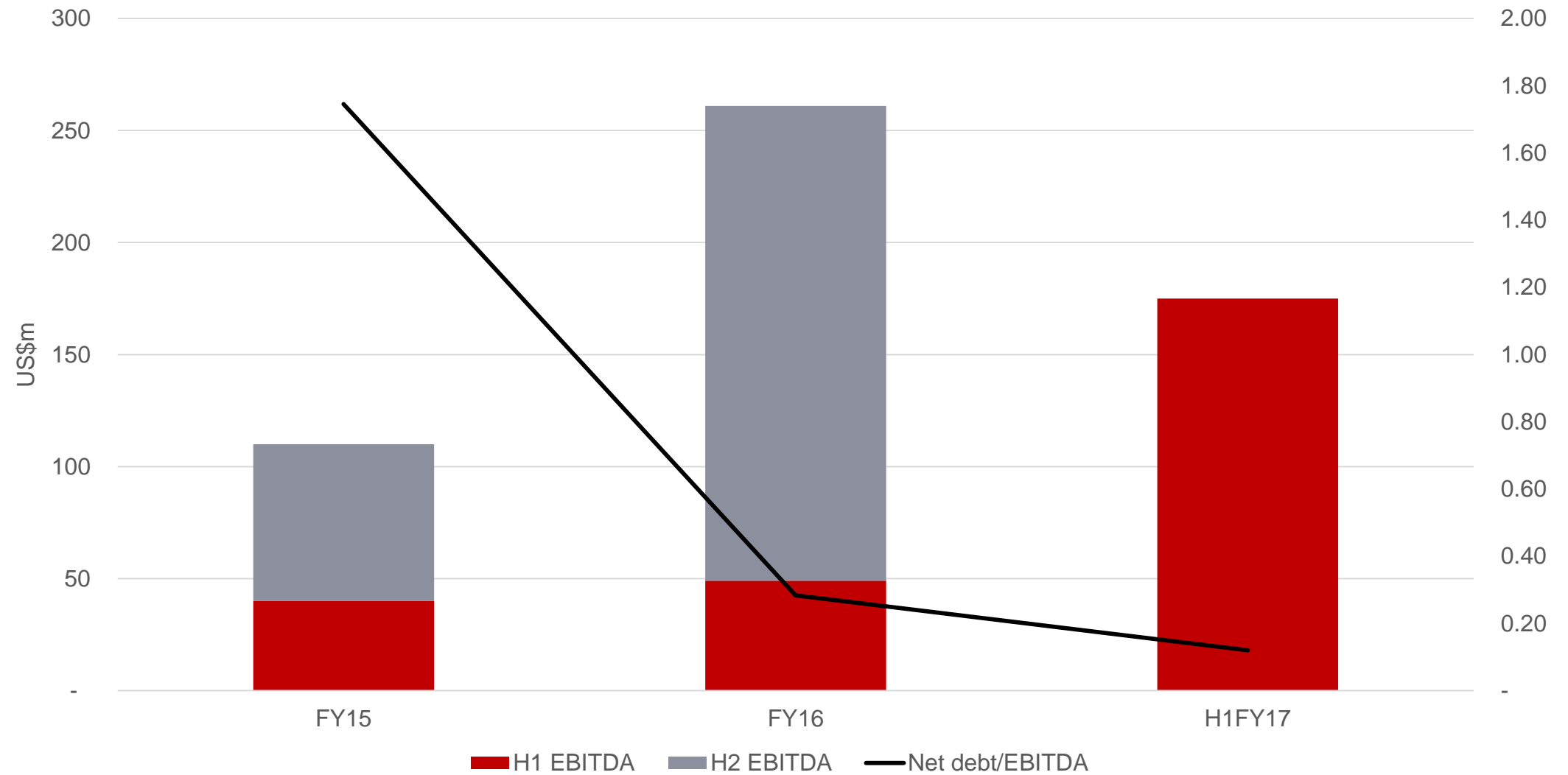


Status 31 March 2017	Ounces:	316 000 oz (avg of 32 000 oz per quarter)	Up until:	Q1 FY2019	Average hedge price:	R701 558/kg
--------------------------------	----------------	---	------------------	-----------	---------------------------------	-------------

FURTHER CASH CERTAINTY - CURRENCY HEDGE (SPOT vs FLOOR and CAP)



SOLID BALANCE SHEET



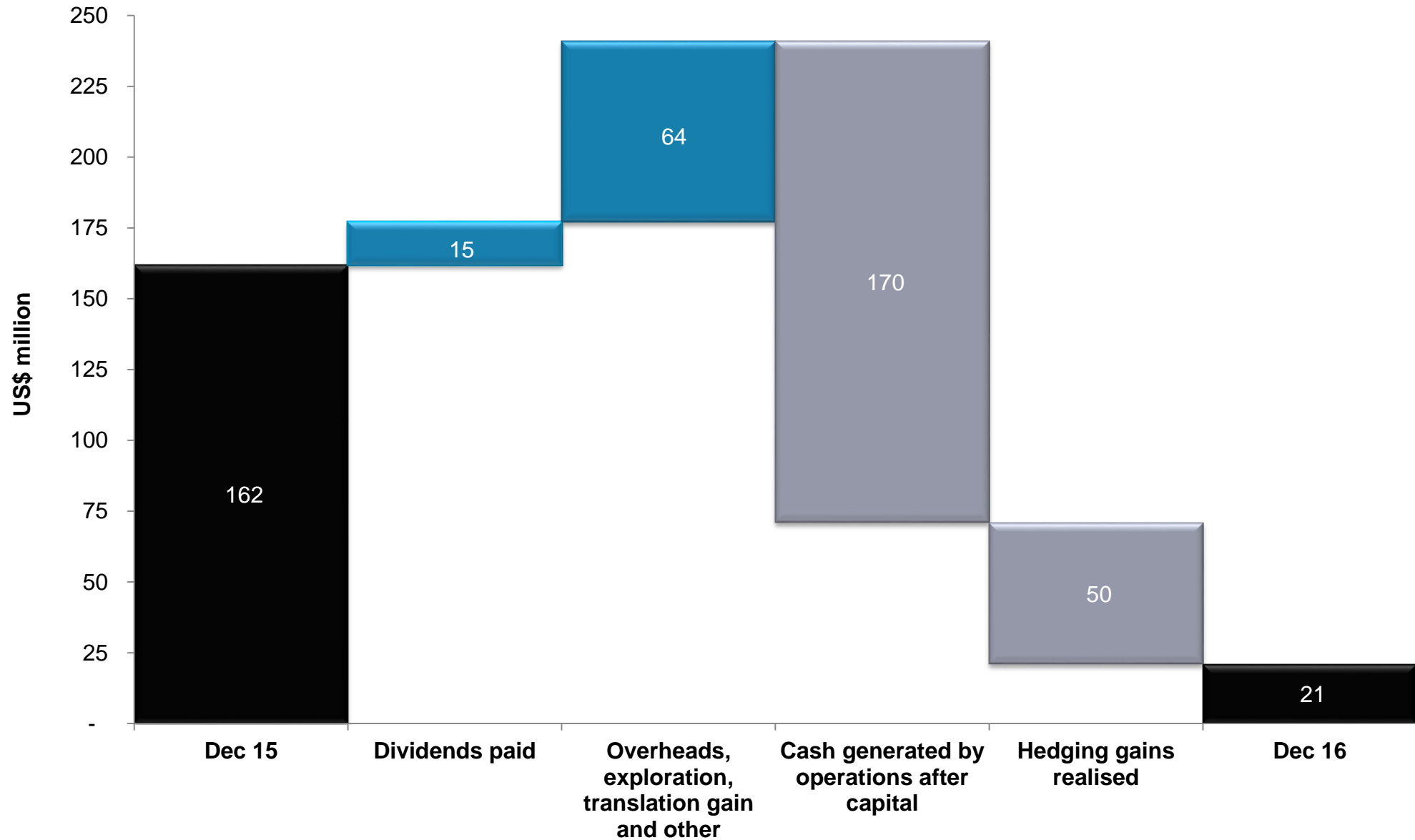
EBITDA: excludes impairment and loss on scrapping of property, plant and equipment



EFFECTIVE CAPITAL ALLOCATION

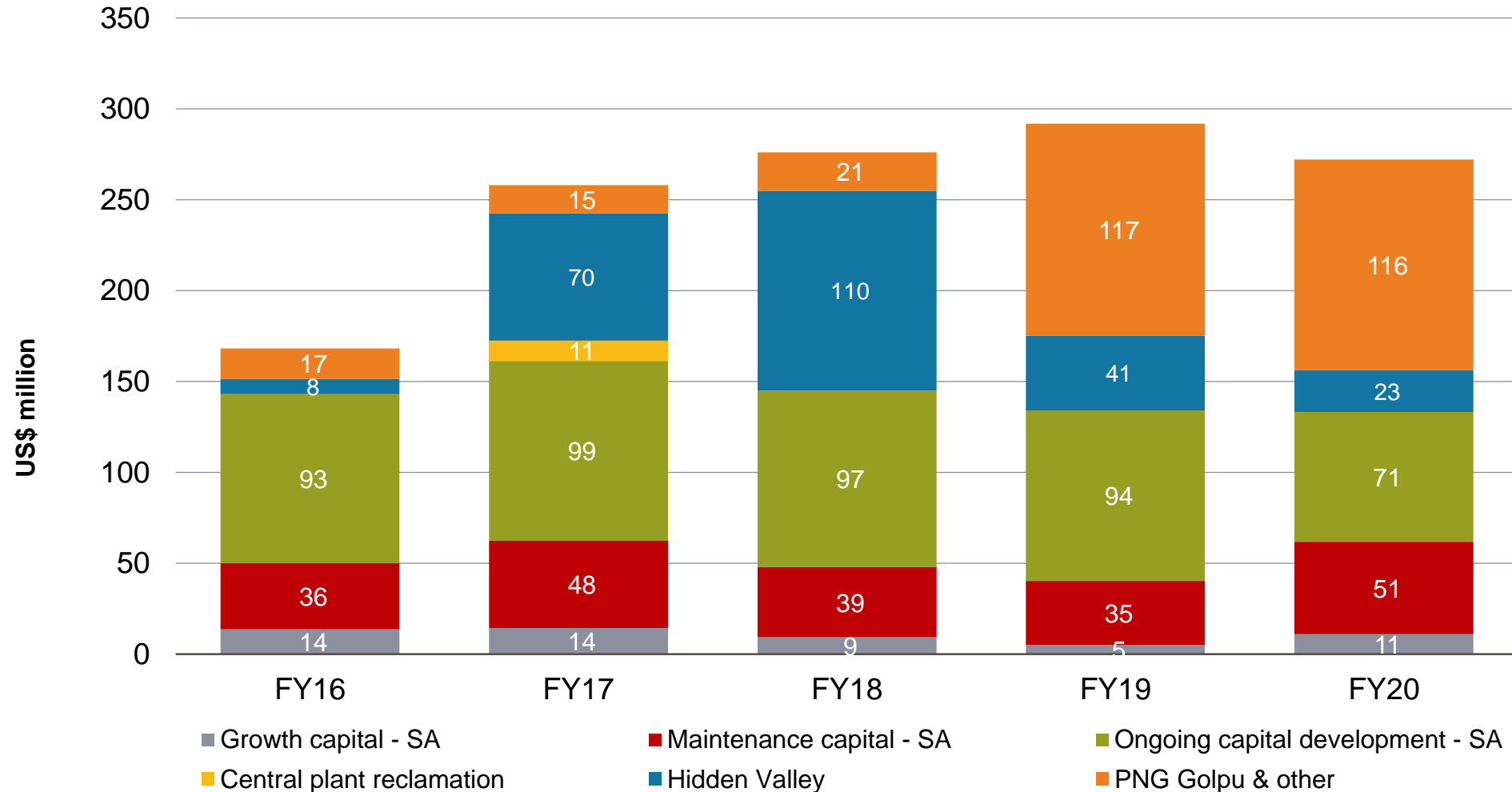


REPAID DEBT AND PAID DIVIDENDS (US\$)



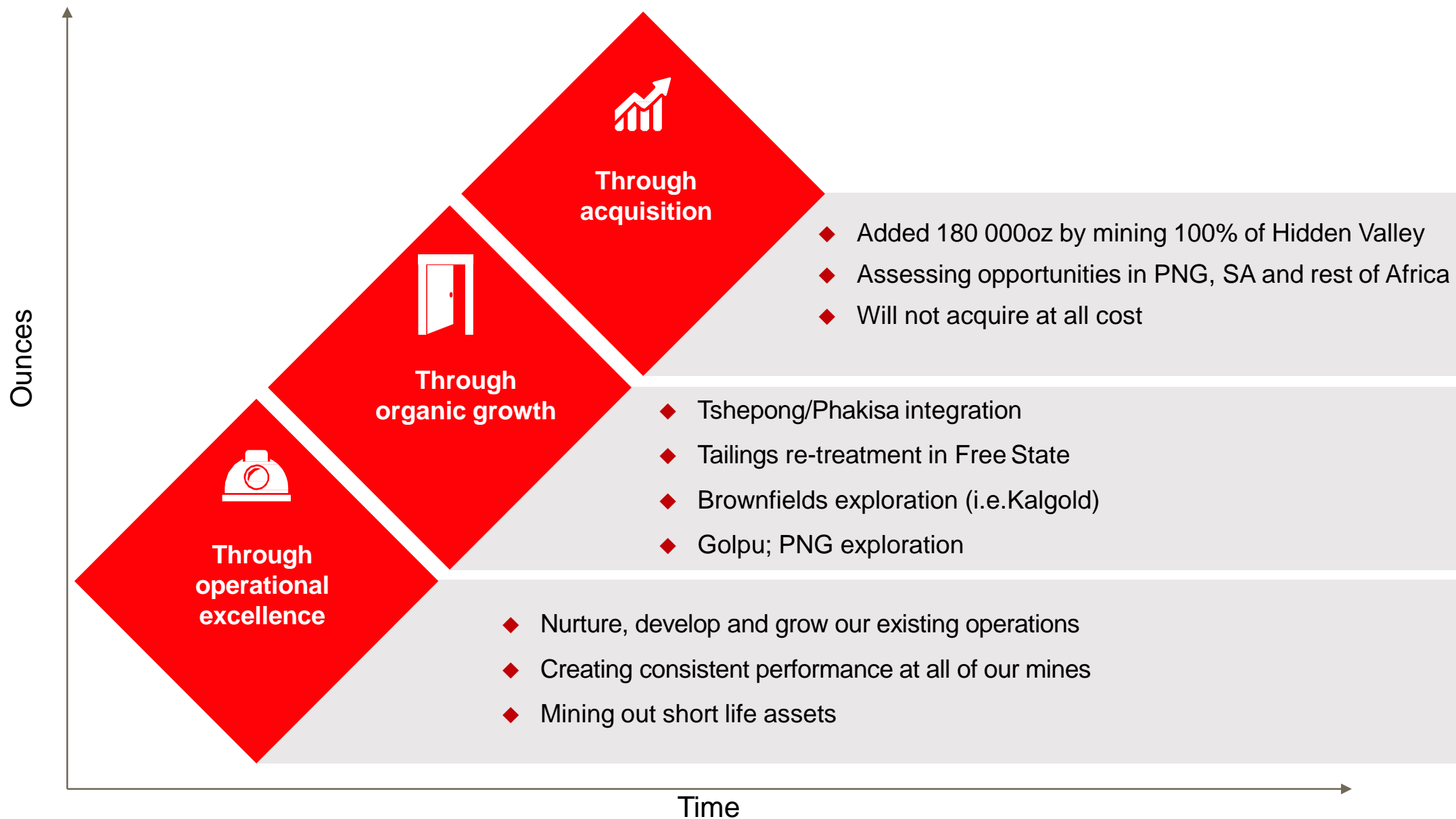
INVESTING IN OUR ORE BODIES (US\$)

Capital expenditure (US\$m)









- Capital expenditure in FY19 and FY20 excludes capitalised stripping for Hidden Valley
- FY17-20 converted at an exchange rate of US\$/R13.86
- Golpu capital – 50%

OUR ASPIRATION IS TO GROW FROM 1.1 MOZ TO 1.5 MOZ BY JUNE 2019



ORGANIC GROWTH OPPORTUNITIES THROUGH EXPLORATION

PNG		
Golpu (50:50 JV)		Stage 1 FS and Stage 2 PFS
Kili Teke (100%)		6.0 million equivalent gold ounce resource ¹ (785 Kt Cu & 1.8 Moz Au)
Hidden Valley (100%)		Stage 7 PFS FY18 targeting
South Africa		
Kalgold		Drill program – potential for larger opencast low risk mine
Doornkop		Seismic study and borehole drilling – enhance geological confidence
Most operations		Focused drill programmes

 Greenfields  Brownfields

¹ Gold equivalent based on US\$1150 oz Au, and US\$ 3.0 lb Cu. Refer www.harmony.co.za for resource statement detail.

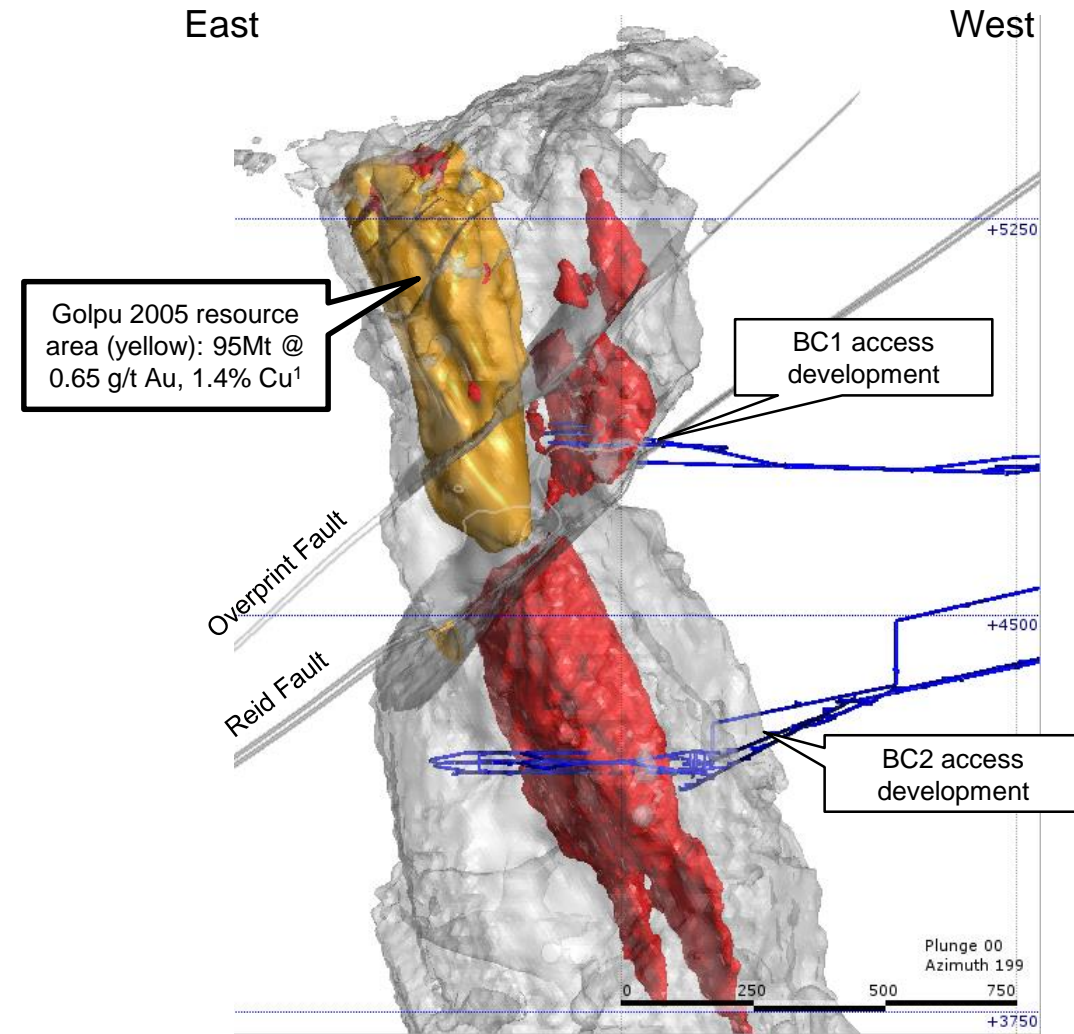
GOLPU (50% HELD) – A QUALITY HIGH GRADE RESERVE (SE ASIA)



Source: Rothschild
 Reserve grade depicted in graph with bubble size represents equivalent resource
 Refer to Harmony's resources and reserves statement at www.harmony.co.za

GOLPU (50% HELD) - A POTENTIAL GAME CHANGER

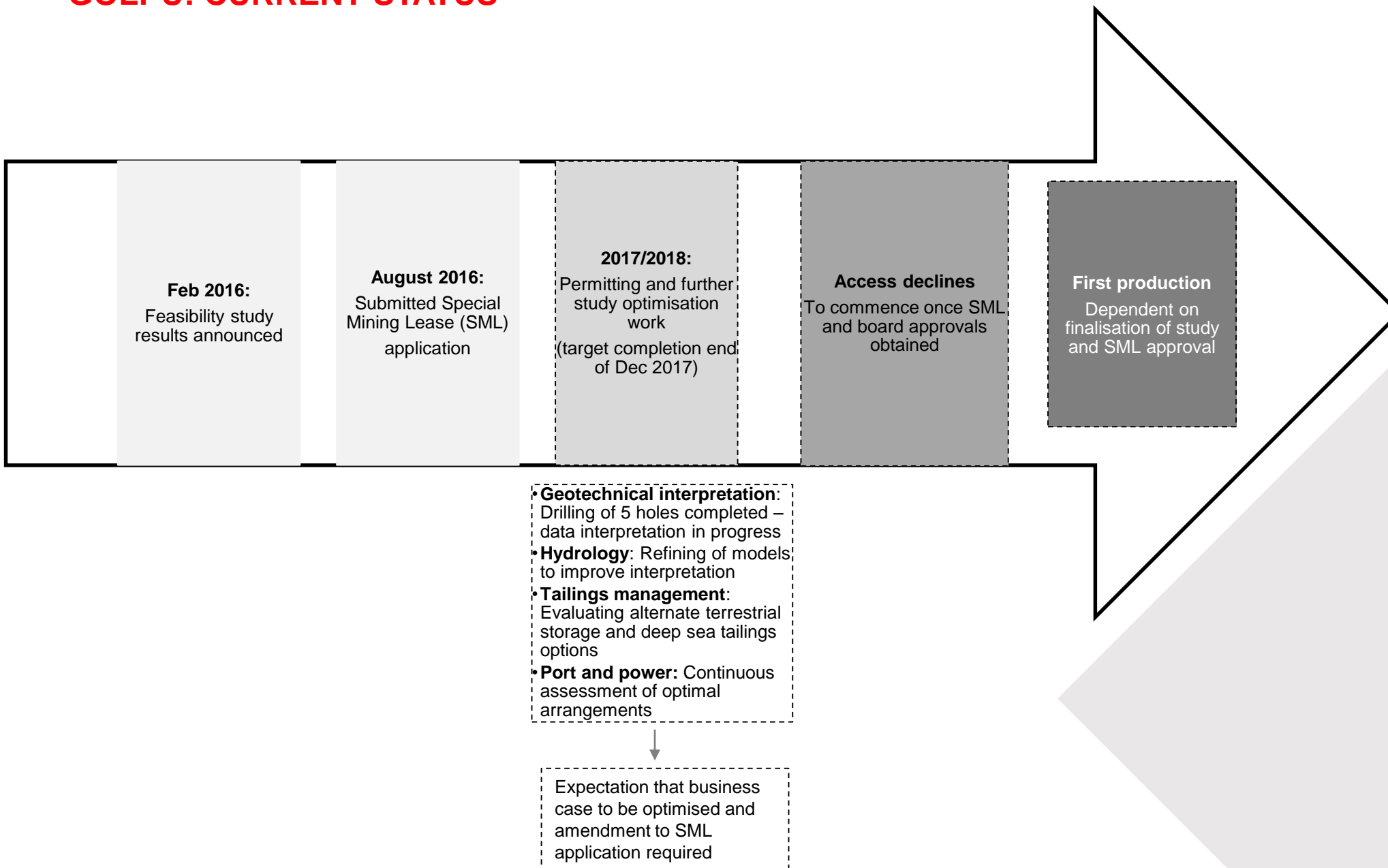
- Financial metrics of Stage 1*:
 - net present value (NPV): US\$1.1bn
 - internal rate of return (IRR): ~16%
 - mine life: 28 years
 - maximum negative free cash flow: US\$1.8bn
- Once in operation, sustaining production cost per pound will be 89 US cents
- Resource growth upside



3D view of the Golpu 2016 resource grade shells (0.2% Cu: Grey; 2% Cu: red) showing access development levels (looking ~southwest)

¹ Expressed as 100%; Harmony have 50% equity interest; refer www.harmony.co.za for resource statement detail

GOLPU: CURRENT STATUS



GOLPU STAGE 1 FUNDING REQUIREMENTS

Golpu funding No PNG Government buy-in (Harmony 50%)	
Year	Project cashflow (incl. capex)
	US\$m
FY17 and FY18	*
FY19	(115)
FY20	(115)
FY21	(145)
FY22	(260)
FY23	(240)
Total	(875)

External
funding of
US\$250m
required

Golpu funding PNG Government buy-in (Harmony 35%)	
Year	Project cashflow (incl capex)
	US\$m
FY17 and FY18	*
FY19	37
FY20	(81)
FY21	(102)
FY22	(182)
FY23	(168)
Total	(496)

Grant of SML and PNG
Government buys 30% for
US\$235m

*Insignificant expenditure up to granting of SML

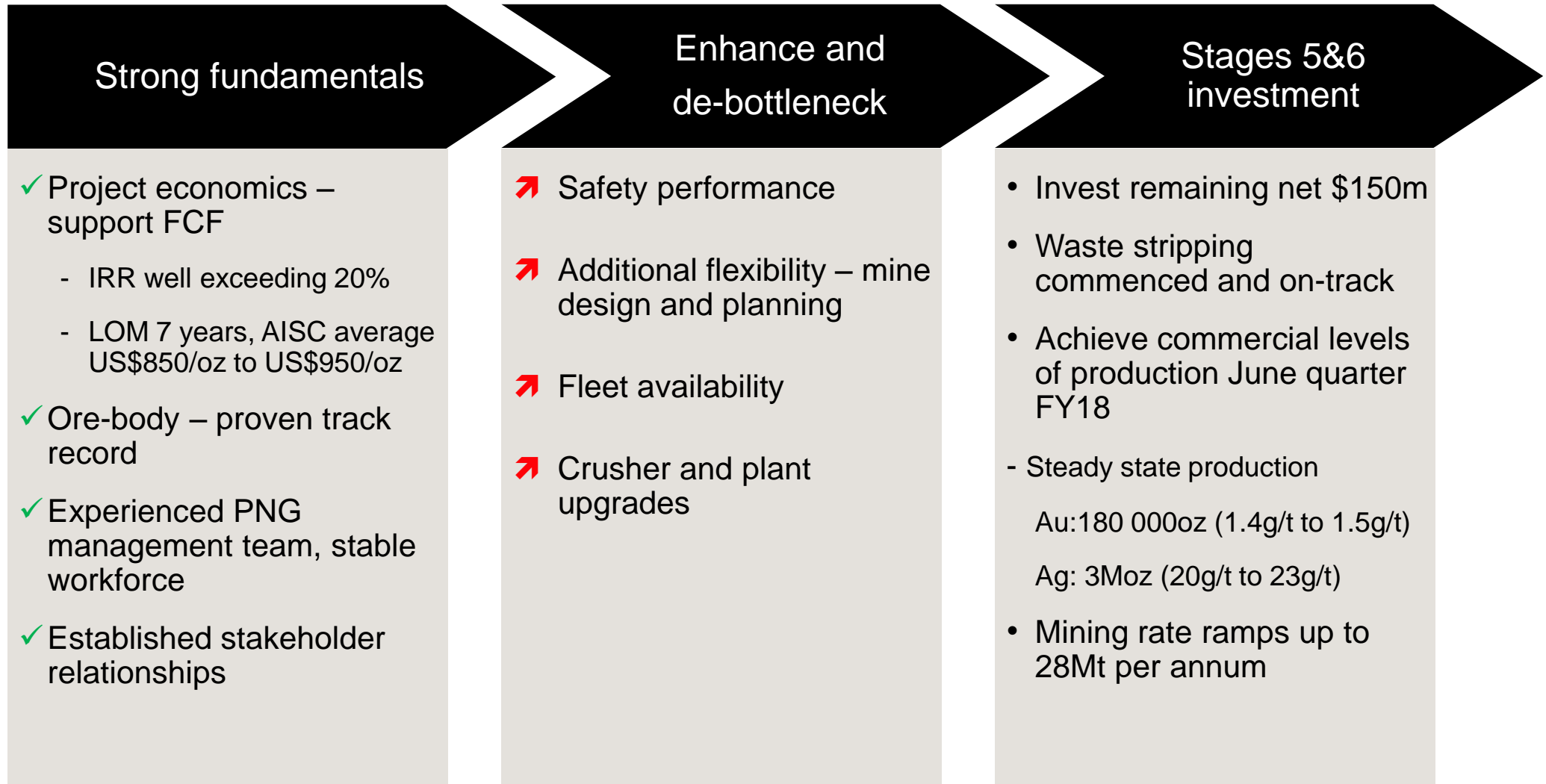
The above funding requirements are based on the project permitting timeline with on the ground activities only commencing post grant of a Special Mining Lease in FY19.

GROWING OUR OUNCES THROUGH ACQUISITION

Acquisition criteria

- ◆ Gold mines
- ◆ 1 - 2 Moz reserves
- ◆ More than 100 000 oz per annum
- ◆ Life of mine of 10 years or more
- ◆ Producing or late stage development near producing
- ◆ Low cost, cash generative asset (all-in sustaining cost of less than US\$950/oz)
- ◆ South Africa, the rest of Africa, PNG

FIRST STEP TO GROWTH – 180 000 OZ TO BE MINED (ACQUIRED 100% OF HIDDEN VALLEY)



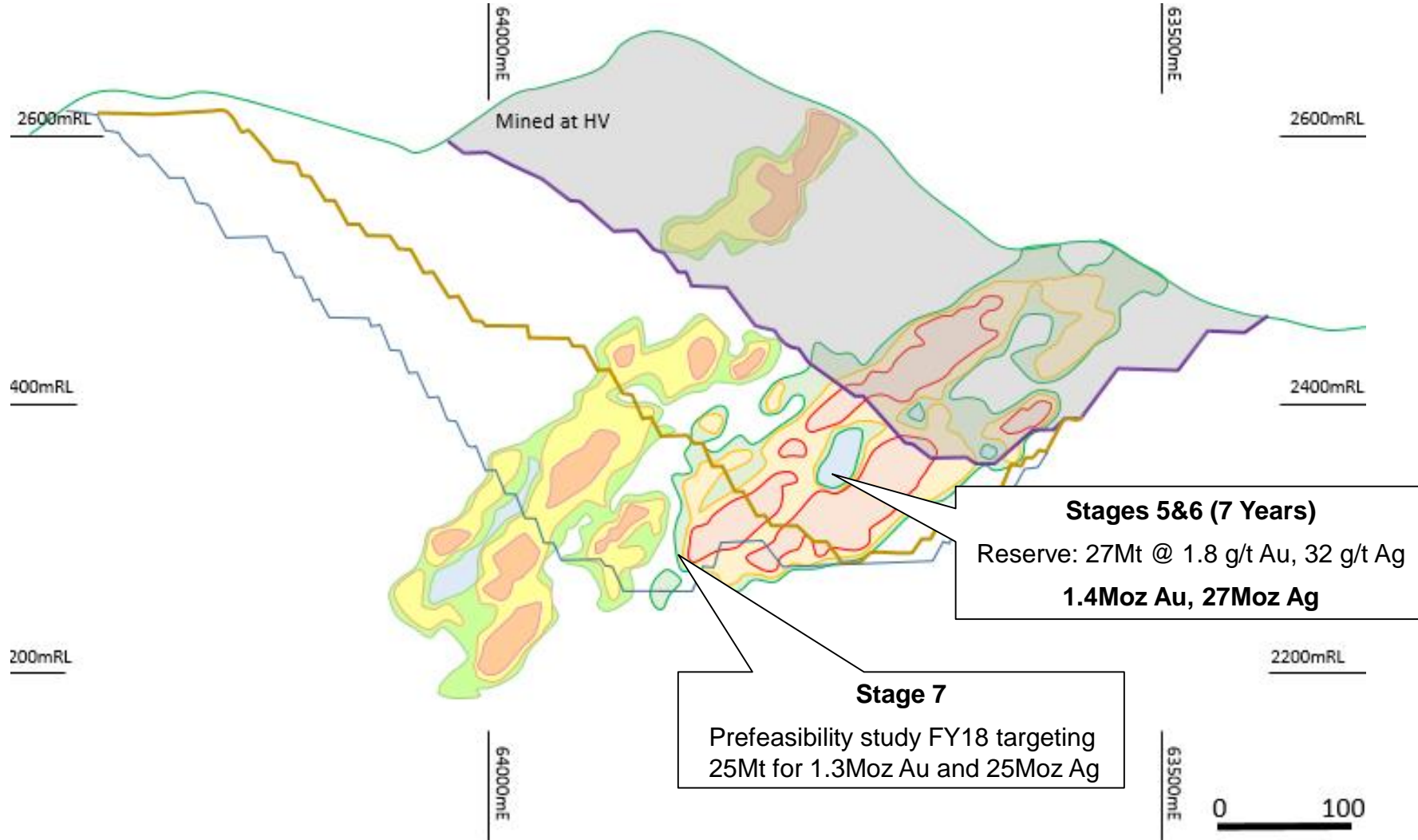
HIDDEN VALLEY RE-INVESTMENT UPDATE

- ✓ Ahead of schedule and operational performance in line with budget

Milestones achieved	
Excellent safety performance	12 month moving average Lost time injury frequency rate (LTIFR) at end of March 2017 of 0.3
Mining fleet availability	Mining fleet recommissioned and additional fleet delivered to site
Mining rate ramp up	Waste stripping ahead of schedule
Process plant shut down and upgrade	<ul style="list-style-type: none"> • Reduced from 5 months to 4 months • Commencing August 2017 • Planning advanced - orders for long lead items placed
Commercial contracts renegotiated	US\$20m per annum cost reduction expected

POTENTIAL TO EXTEND LIFE OF MINE THROUGH SUCCESSIVE CUTBACKS

Hidden Valley

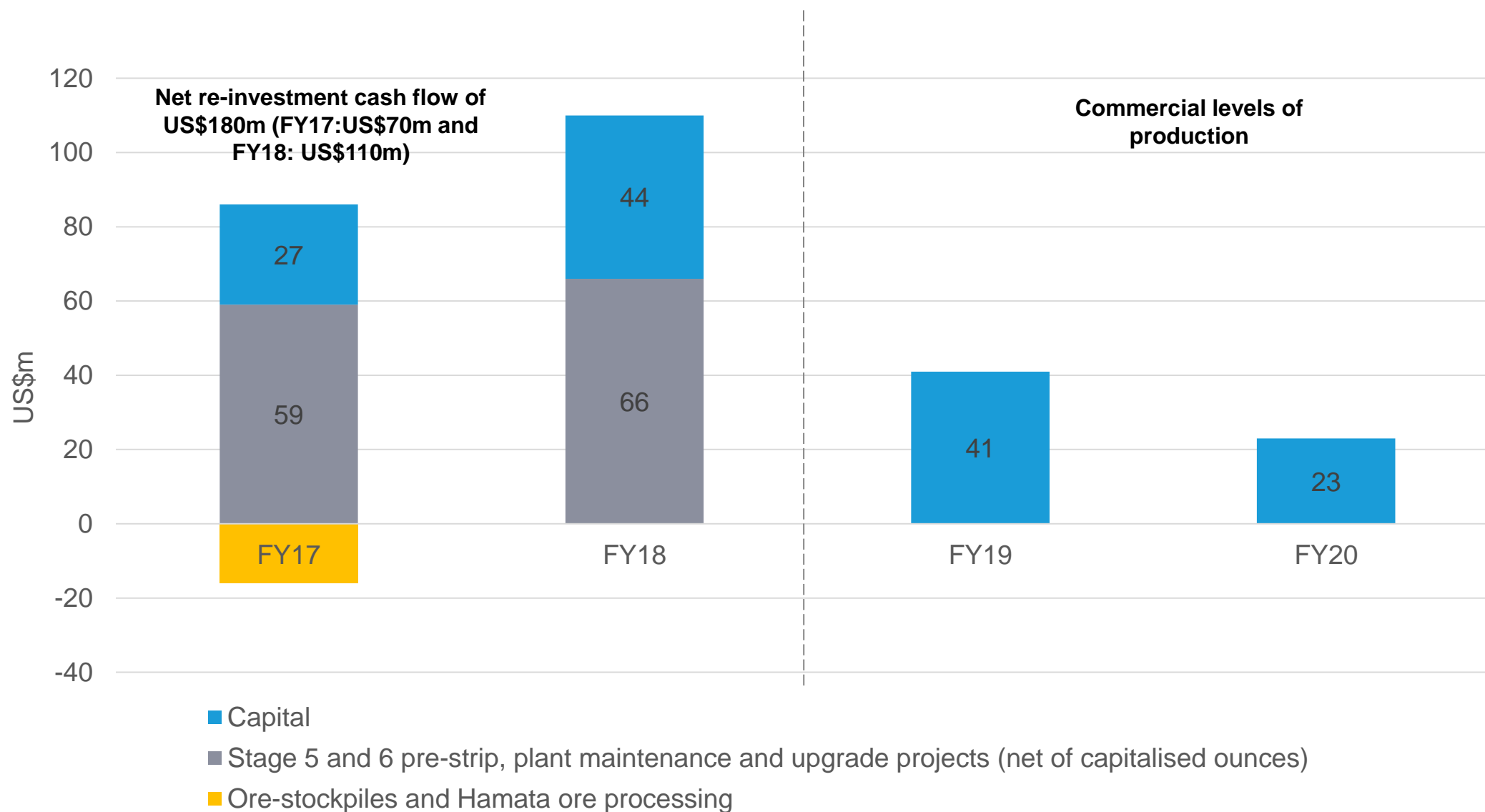


Stages 5&6 (7 Years)
 Reserve: 27Mt @ 1.8 g/t Au, 32 g/t Ag
 1.4Moz Au, 27Moz Ag

Stage 7
 Prefeasibility study FY18 targeting
 25Mt for 1.3Moz Au and 25Moz Ag

Legend		
Hidden Valley	Kaveroi 500m N	Gold Grade
		2.5 g/t Au
		1.3 g/t Au
		0.9 g/t Au
		Original Surface

HIDDEN VALLEY NET RE-INVESTMENT EXPENDITURE AND CAPITAL



* Capital expenditure excludes capitalised stripping for Hidden Valley



FY17 PERFORMANCE TO DATE



FY17 – PERFORMANCE FOR THE NINE MONTHS ENDED 31 MARCH 2017

		March 2017 Nine months ended
Gold produced	kg	25 262
	oz	812 192
Gold price	R/kg	573 229
	US\$/oz	1 299
Cash operating costs	R/kg	439 669
	US\$/oz	996
Underground recovered grade	g/t	5.03
Production profit	Rm	3 276
	US\$m	239
All-in sustaining costs	R/kg	516 630
	US\$/oz	1 170
Operational free cash flow margin	%	8
Average exchange rate	R/US\$	13.73

QUARTER ON QUARTER OPERATIONAL RESULTS

		March 2017 Quarter	December 2016 Quarter	% change
Gold produced	kg	8 035	8 597	(7)
	oz	258 330	276 401	(7)
Gold price	R/kg	546 772	565 360	(3)
	US\$/oz	1 287	1 265	2)
Cash operating costs	R/kg	443 317	427 739	(4)
	US\$/oz	1 043	957	(9)
Underground recovered grade	g/t	5.03	5.06	(1)
Production profit	Rm	802	1 105	(27)
	US\$m	61	79	(23)
All-in sustaining costs	R/kg	529 409	504 538	(5)
	US\$/oz	1 246	1 129	10
Operational free cash flow margin	%	2	4	(50)
Average exchange rate	R/US\$	13.22	13.90	(5)

6 MONTHS ON 6 MONTHS OPERATIONAL RESULTS

		December 2016 Six months	June 2016 Six months	% change
Gold produced	kg	17 227	15 974	8
	oz	553 862	513 576	8
Gold price	R/kg	585 908	605 476	(3)
	US\$/oz	1 303	1 223	7
Cash operating costs	R/kg	437 996	413 796	(6)
	US\$/oz	974	836	(17)
Underground recovered grade	g/t	5.04	4.88	3
Production profit	Rm	2 474	3 092	(20)
	US\$m	177	201	(12)
All-in sustaining costs ¹	R/kg	510 506	492 898	(4)
	US\$/oz	1 136	996	(14)
Average exchange rate	R/US\$	13.98	15.39	(9)

¹Six months ended June 2016 re-stated to include capitalised stripping for Kalgold

EXTRACT FROM INCOME STATEMENT H1FY17 vs H2FY16 – US\$

Extracts from income statement and operating results	December 2016 Six months (US\$m)	June 2016 Six months (US\$m)	% change
Revenue	706	625	13
Production costs	(529)	(424)	(25)
Excl. additional 50% of Hidden Valley	(517)	(424)	(22)
Additional 50% of Hidden Valley	(12)	-	>(100)
Production profit as per operating results	177	201	(12)
Amortisation and depreciation	(91)	(70)	(30)
Exploration expenditure	(10)	(6)	(67)
Foreign exchange gain	51	39	31
Gain on bargain purchase (on Hidden Valley transaction)	61	-	>100
Taxation	(34)	(40)	15
Net profit	111	89	25
Headline earnings	47	92	(49)
Average exchange rate	13.98	15.39	(9)



MAKING A LASTING IMPACT



DE-RISKING THE COMPANY THROUGH HEALTHY RELATIONSHIPS

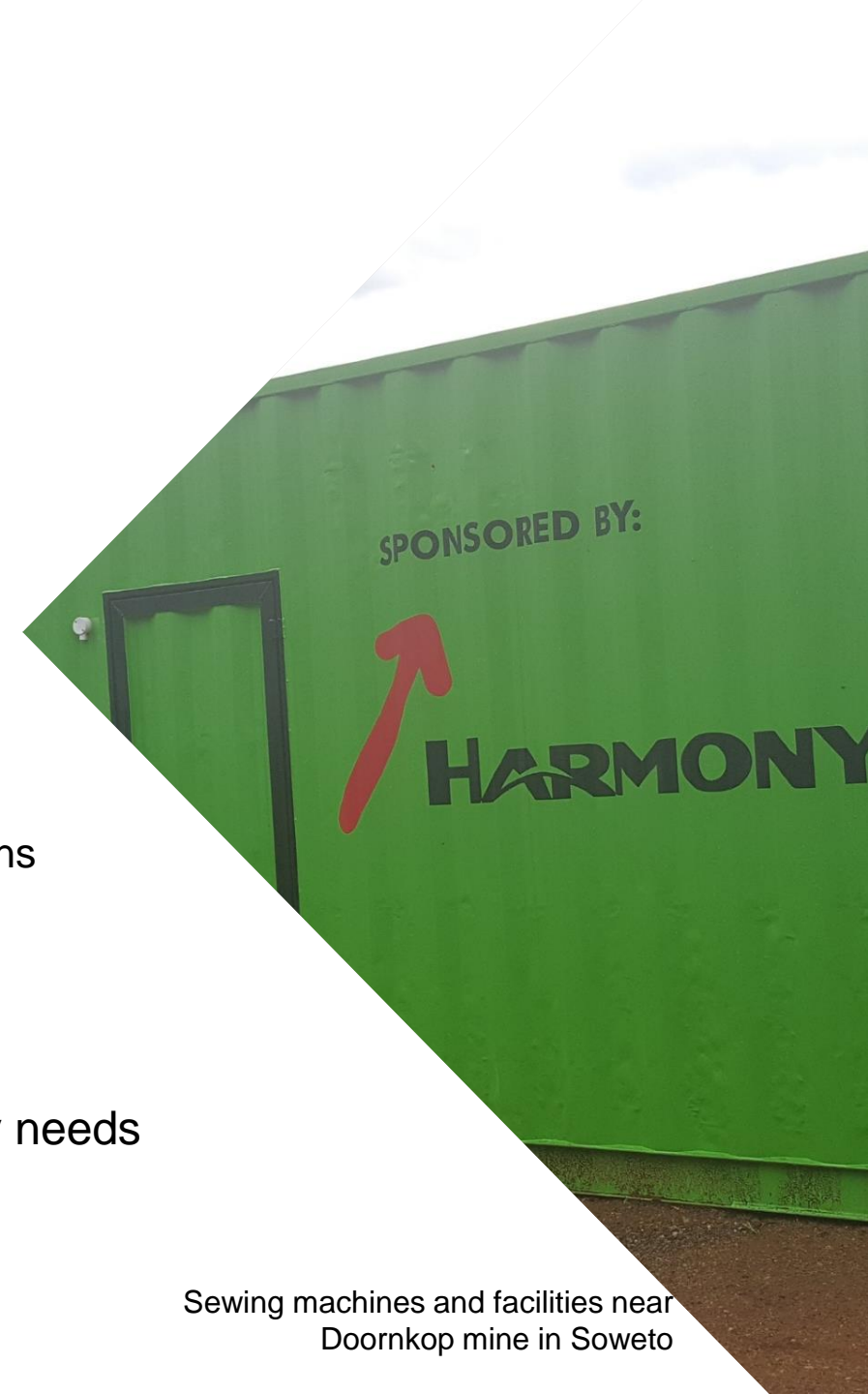


OUR VALUES



UPLIFTING OUR COMMUNITIES IN SA AND PNG

- ◆ Improving living conditions in communities
- ◆ Structured community engagement process
 - Local employment
 - Community self-sustaining projects (i.e. Doornkop area)
 - Cultivation of vegetables
 - Manufacture of protective clothing, uniforms and curtains
 - Three digital hubs
 - Bee-keeping facility
- ◆ Sustainable development projects tailored to community needs



Sewing machines and facilities near
Doornkop mine in Soweto

HOLISTIC APPROACH TO HEALTH



Proactive

- ◆ Promotion and awareness of risks
- ◆ Prevention and assessment of risks
- ◆ Intervention (awareness programs)



Proximity

- ◆ Health hub at each operation
- ◆ Doctors on-site
- ◆ Doctors part of management team



Curative

- ◆ Treatment at the shafts
- ◆ Medication provided
- ◆ Hospitalisation at private hospitals
- ◆ Access to specialists



GUIDANCE



FY17 PRODUCTION GUIDANCE

Plan to produce ~1.05 Moz in FY17, at

- an average recovered grade of ~5.13g/t, and
- an all-in sustaining cost of ~\$1 100/oz (~R495 000/kg at an exchange rate of R14.00/US\$)

FY17 GRADE GUIDANCE

Operation	Reserve grade (g/t)	Adjusted reserve grade (-5%)	Actual grade (g/t) achieved in FY16	Actual grade (g/t) achieved Nine months Ended Mar-17	FY17 grade guidance (g/t)
Tshepong	5.30	5.04	4.62	4.68	4.65
Phakisa	6.72	6.38	5.81	6.01	5.55
Bambanani	11.08	10.52	12.99	11.86	11.21
Target 1	4.69	4.45	4.58	3.33	4.82
Doornkop	5.14	4.88	4.33	4.21	4.41
Joel	4.91	4.66	4.20	4.61	4.36
Kusasaletu	7.06	6.70	5.78	6.90	6.86
Masimong	4.02	3.82	3.74	3.91	3.78
Unisel	4.27	4.05	4.02	4.20	3.82
Underground operations	5.55	5.27	5.02	5.03	5.13

FY17 PRODUCTION GUIDANCE (per operation)

Operation	FY17 production (oz)	FY16 actual (oz)	Life of mine (years)
Tshepong	155 000	161 751	19
Phakisa	135 000	128 217	10
Bambanani	90 000	96 870	5
Target 1	110 000	108 895	10
Doornkop	85 000	87 772	17
Joel	67 500	73 239	11
Kusasaletu	140 000	124 198	5
Masimong	67 500	78 190	3
Unisel	55 000	54 785	6
Underground operations	905 000	913 917	
SA surface	97 500	95 553	14+
Hidden Valley	47 500	72 565	*
Total	~ 1.05 Moz	1 082 035	

* Acquired 100% ownership in October 2016. Stage 5 and 6 re-investment underway (life of mine 7 years).

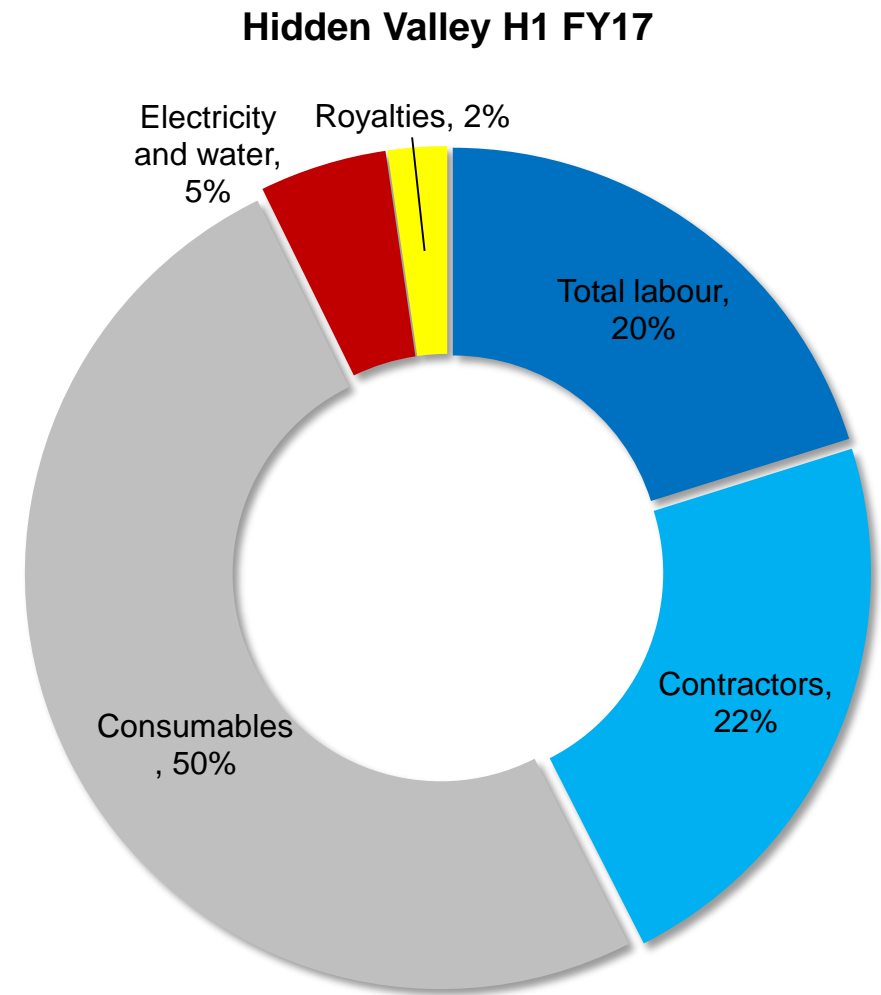
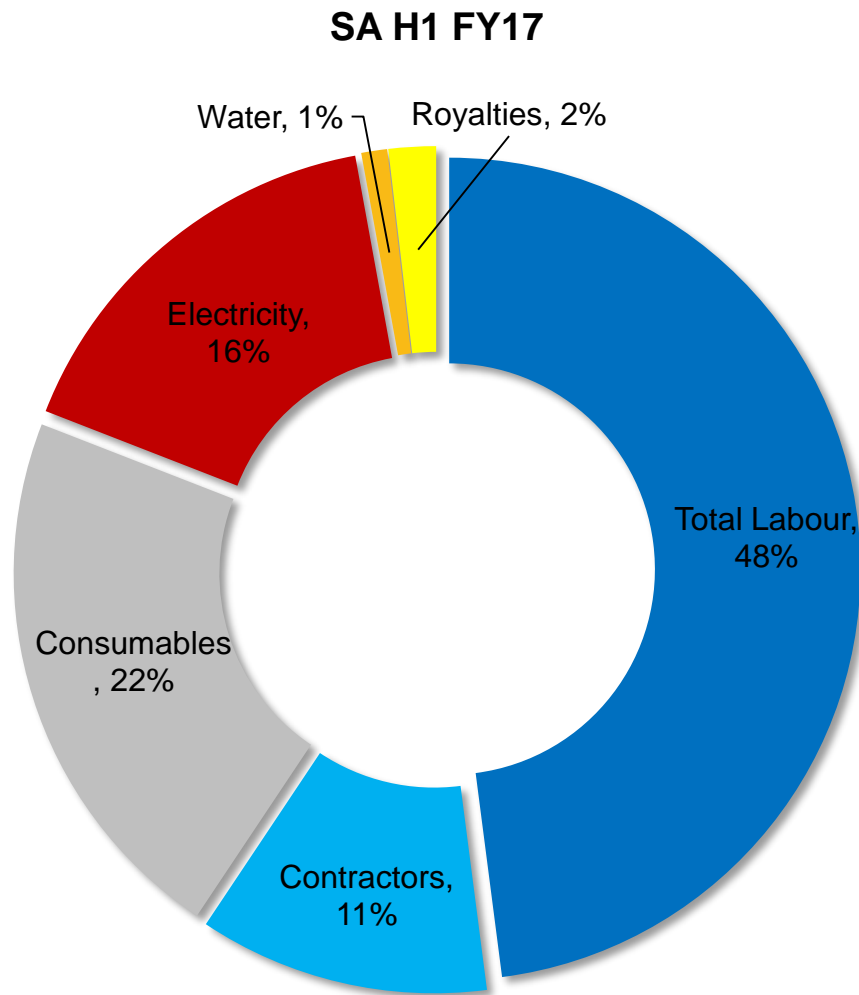
FY17 AISC¹ GUIDANCE (US\$/OZ) (per operation)

Operation	FY17 Avg guidance (US\$/oz)*	FY16 Actual (US\$/oz)
Tshepong	US\$1 100/oz	US\$940/oz
Phakisa	US\$1 080/oz	US\$936/oz
Bambanani	US\$780/oz	US\$654/oz
Target 1	US\$1 040/oz	US\$1 012/oz
Doornkop	US\$1 210/oz	US\$1 016/oz
Joel	US\$1 040/oz	US\$911/oz
Kusasaletu	US\$1 170/oz	US\$1 254/oz
Masimong	US\$1 170/oz	US\$1 059/oz
Unisel	US\$1 130/oz	US\$1 064/oz
Underground operations	US\$1 080/oz	US\$983/oz
SA surface	US\$1 100/oz	US\$994/oz
Hidden Valley	US\$1 420/oz	US\$1 282/oz
Total	~US\$1 100/oz	US\$1 003/oz

* FY17 guidance converted @ R14.00/US\$

1- All-in sustaining cost (AISC) excludes share-based payment charges

CLASSIFICATION OF CASH OPERATING COSTS EXCLUDING CAPITAL



Note: In South Africa our costs are mostly Rand based, while in PNG the costs are equally based in PNG Kina, Australian dollar and the US dollar

PRIVATE SECURITIES LITIGATION REFORM ACT SAFE HARBOUR STATEMENT

This presentation contains forward-looking statements within the meaning of the safe harbor provided by Section 21E of the Securities Exchange Act of 1934, as amended, and Section 27A of the Securities Act of 1933, as amended, with respect to our financial condition, results of operations, business strategies, operating efficiencies, competitive positions, growth opportunities for existing services, plans and objectives of management, markets for stock and other matters. These include all statements other than statements of historical fact, including, without limitation, any statements preceded by, followed by, or that include the words “targets”, “believes”, “expects”, “aims”, “intends”, “will”, “may”, “anticipates”, “would”, “should”, “could”, “estimates”, “forecast”, “predict”, “continue” or similar expressions or the negative thereof.

These forward-looking statements, including, among others, those relating to our future business prospects, revenues and income, wherever they may occur in this report and the exhibits to this report, are essentially estimates reflecting the best judgment of our senior management and involve a number of risks and uncertainties that could cause actual results to differ materially from those suggested by the forward-looking statements. As a consequence, these forward-looking statements should be considered in light of various important factors, including those set forth in this presentation. Important factors that could cause actual results to differ materially from estimates or projections contained in the forward-looking statements include, without limitation: overall economic and business conditions in South Africa, Papua New Guinea, Australia and elsewhere, estimates of future earnings, and the sensitivity of earnings to the gold and other metals prices, estimates of future gold and other metals production and sales, estimates of future cash costs, estimates of future cash flows, and the sensitivity of cash flows to the gold and other metals prices, statements regarding future debt repayments, estimates of future capital expenditures, the success of our business strategy, development activities and other initiatives, estimates of reserves statements regarding future exploration results and the replacement of reserves, the ability to achieve anticipated efficiencies and other cost savings in connection with past and future acquisitions, fluctuations in the market price of gold, the occurrence of hazards associated with underground and surface gold mining, the occurrence of labor disruptions, power cost increases as well as power stoppages, fluctuations and usage constraints, supply chain shortages and increases in the prices of production imports, availability, terms and deployment of capital, changes in government regulation, particularly mining rights and environmental regulation, fluctuations in exchange rates, the adequacy of the Group’s insurance coverage and socio-economic or political instability in South Africa and Papua New Guinea and other countries in which we operate.

For a more detailed discussion of such risks and other factors (such as availability of credit or other sources of financing), see the Company’s latest Integrated Annual Report and Form 20-F which is on file with the Securities and Exchange Commission, as well as the Company’s other Securities and Exchange Commission filings. The Company undertakes no obligation to update publicly or release any revisions to these forward-looking statements to reflect events or circumstances after the date of this presentation or to reflect the occurrence of unanticipated events, except as required by law.

OUR VALUES





CONTACT US

www.harmony.co.za

HarmonyIR@harmony.co.za

Tel: +27 11 411 2314