

Vedanta Resources Plc

Barclays Credit Conference

December 2017



Awarded "Best High-Yield Bond" by FinanceAsia & The Asset for January 2017 issuance

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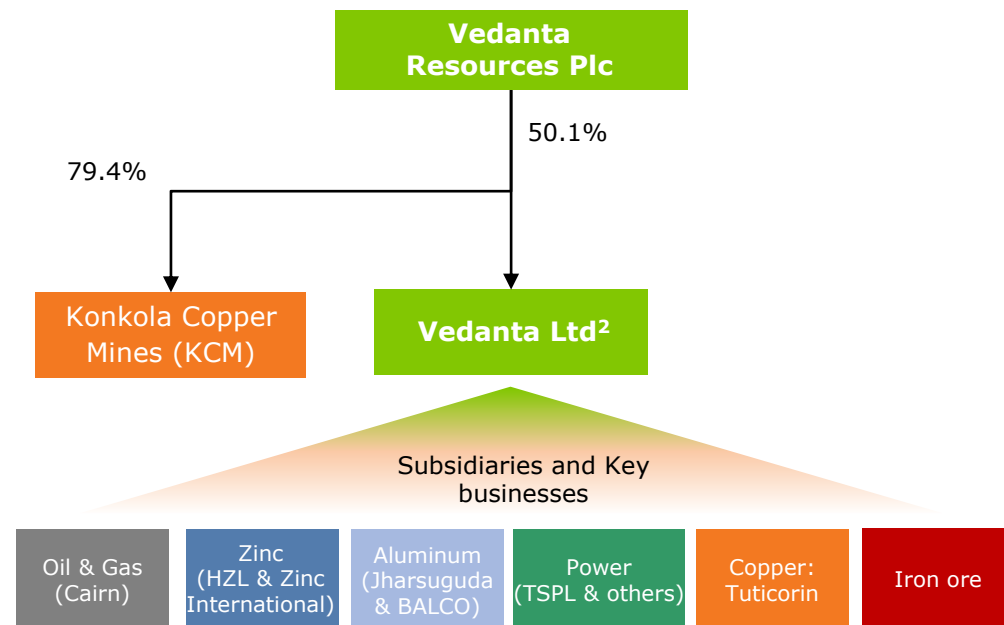
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Overview

- Portfolio of large, diversified, structurally low-cost assets geared towards base metals and oil
- Access to diversified sources of funding, raised over \$10bn of US\$ bonds since listing
- Latest highlights:
 - H1 FY2018 EBITDA of \$1.7bn (+37% Y-o-Y) at margin¹ of 34%
 - Significant ramp-up across the business to deliver industry leading growth
- Awards and recognitions:
 - Best High-Yield Bond in Asia by FinanceAsia
 - Best High-Yield Bond / Best Liability Management in South Asia by The Asset

1. Excludes custom smelting at Copper and Zinc India operations
 2. Divisions of Vedanta Ltd include: Sesa Iron Ore, Sterlite Copper (Tuticorin), Power (600 MW Jharsuguda), Aluminium (Odisha aluminium and power assets) and MALCO Power (100 MW)

Group structure



Drinking water initiative at Barmer, Cairn

331 RO plants established to benefit 1 million people



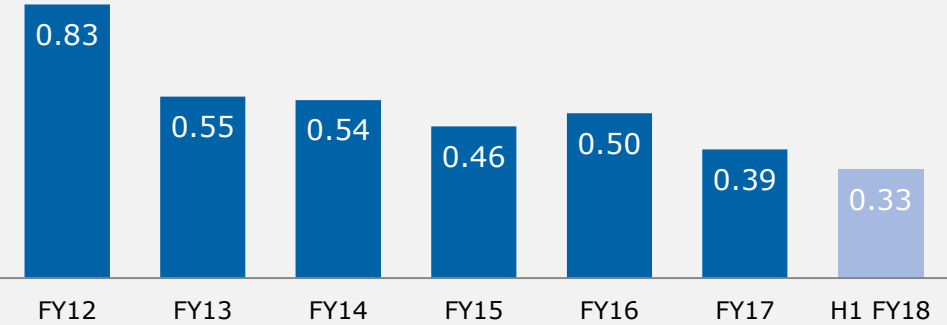
Biodiversity Management Plan at Gamsberg, S. Africa

Focus to minimise environmental footprint



Lost Time Injury Frequency Rate

Number of lost time injuries per million man-hours worked¹



1. ICMM 2014 methodology adopted from FY2016 onwards

Ranking by the Dow Jones Sustainability Index



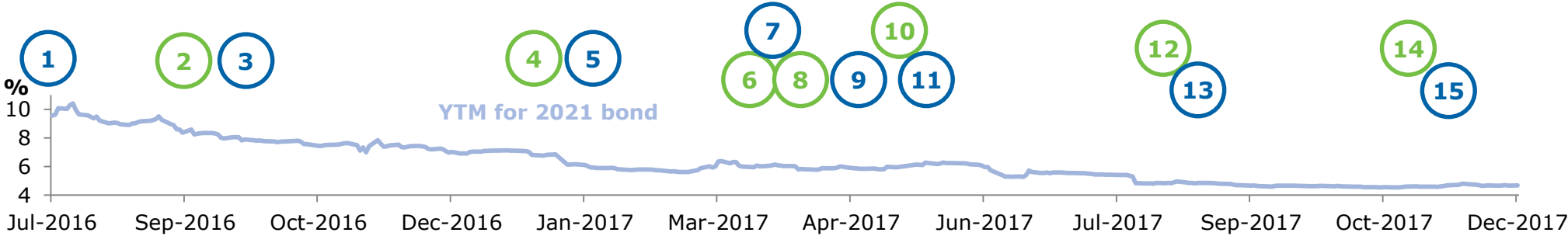
Ranking under Mining & Metal industry

Hindustan Zinc
#11 Overall
#3 Environment

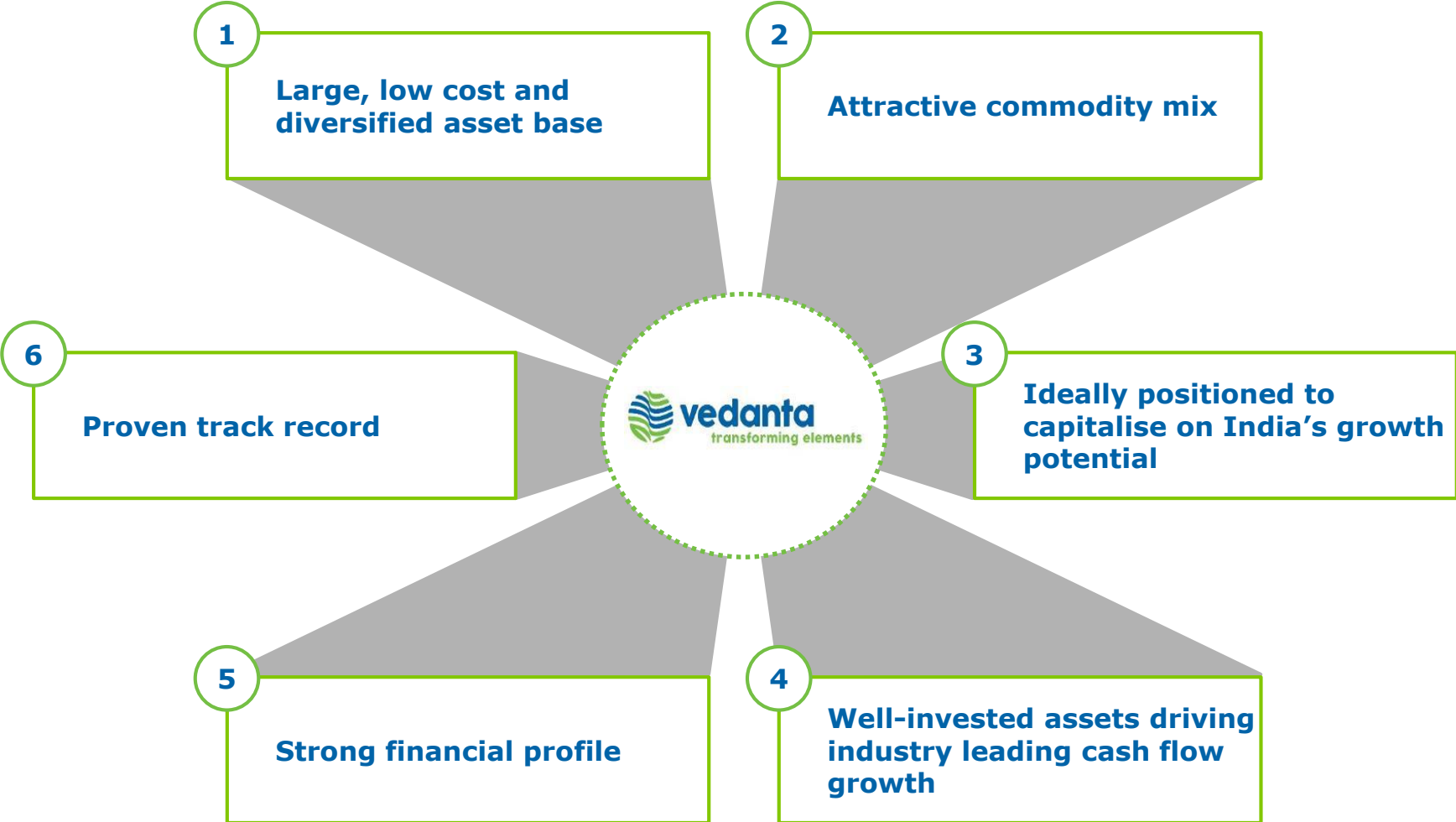
Vedanta Ltd
#15 Overall

Consistently enhancing credit

- 1** Revised Cairn merger terms
- 6** HZL \$2.1bn special dividend
- 11** Strong 2017 results, 37% EBITDA growth to \$3.2bn and high FCF generation of \$1.5bn
- 2** Cairn merger approval
- 7** Cairn merger completion
- 12** \$840mn new bank debt from globally diverse group
- 3** Moody's upgrade to B1 Stable outlook
- 8** Vedanta Ltd \$1bn special dividend
- 13** LM exercise to extend maturities / reduce interest cost
- 4** S&P upgrade to B+ Stable outlook
- 9** Early redemption of stub 2018 bonds
- 14** H1 2018 results, \$3.1bn gross debt reduction over the last six months¹
- 5** Successful \$1bn LM exercise
- 10** Vedanta Ltd dividend policy to complement HZL policy
- 15** Moody's upgrade to Ba3 Stable outlook



Source: Bloomberg (5 December 2017)
 1. Including repayment of US\$1.1 billion of temporary borrowing at Zinc India



**Zinc
Lead
Silver**

- ✓ Second largest integrated zinc-lead producer globally; major silver producer
- ✓ Assets in India, Namibia and South Africa
- ✓ Rampura Agucha – second largest zinc mine globally and Gamsberg – one of the largest undeveloped zinc deposits

Oil & Gas

- ✓ India's largest private-sector crude oil producer
- ✓ Produces about 30% of India's domestic crude
- ✓ One of the lowest cost producers in the world with cost at sub \$6/boe

Aluminum

- ✓ Largest aluminum capacity in India at 2.3mtpa
- ✓ Strategically located large-scale assets
- ✓ Integrated capacity with captive power and Alumina refinery

Copper

- ✓ Integrated copper producer in Zambia and custom smelter in India
- ✓ Konkola in Zambia is one of the largest high-grade copper mines with c. 2.5% grade, 25+ years mine life
- ✓ One of the world's most efficient custom smelters and India's largest copper producer

Iron Ore

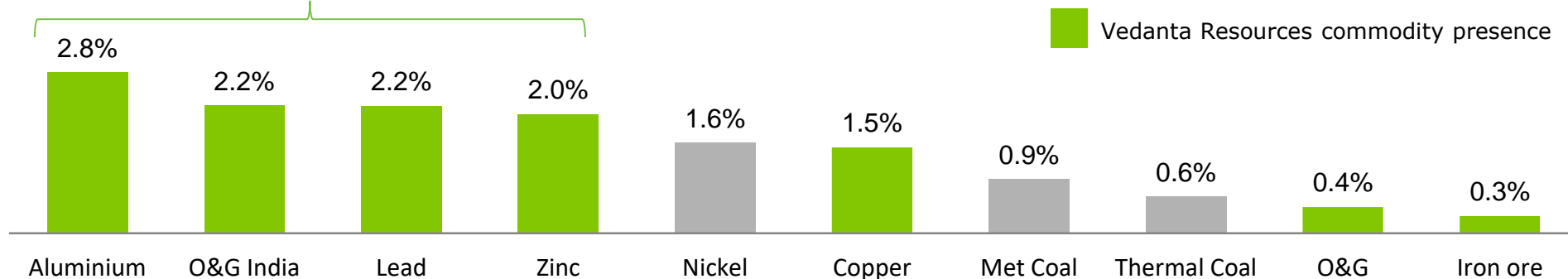
- ✓ Largest Indian private-sector iron ore producer
- ✓ Can ramp up to pre-ban levels of over 20mtpa without any significant investments

Power

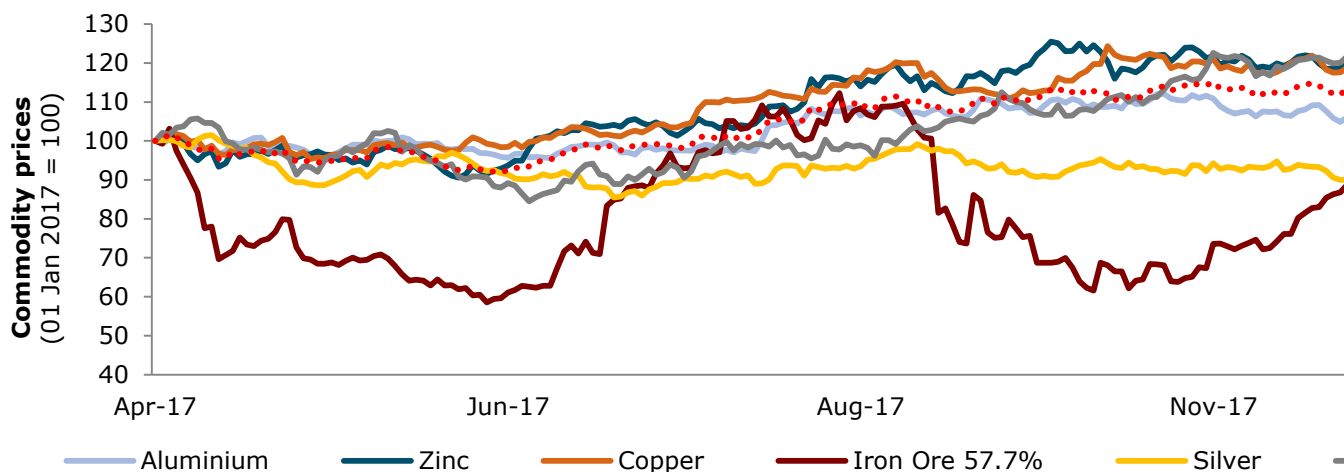
- ✓ 9,000 MW fully operational, of which 40% is sold commercially
- ✓ Poised to benefit from structural power shortage in India

Global demand CAGR 2017-30E

89% of Vedanta Group's H1 FY2018 EBITDA



Vedanta commodity basket



Commodity	Change
Zinc	19%
Copper	19%
Brent Oil	19%
VED commodity basket¹	12%
Aluminium	6%
Iron ore 57.7%	(8%)
Silver	(11%)

Diversified commodity mix and presence in commodities of leading global demand growth

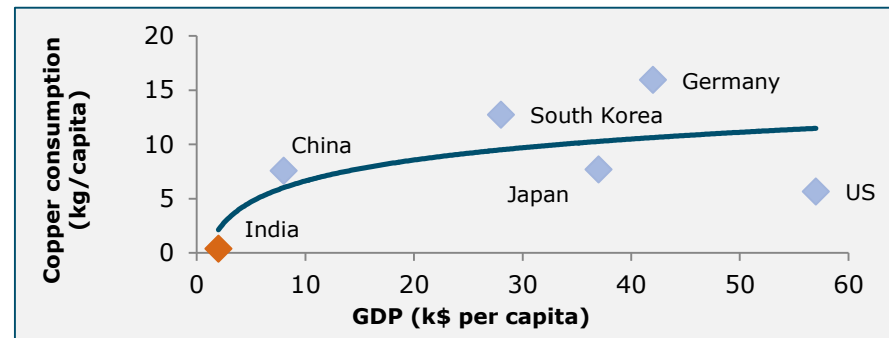
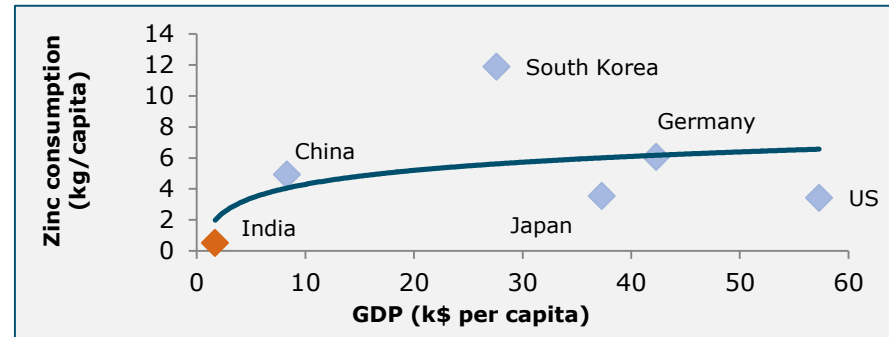
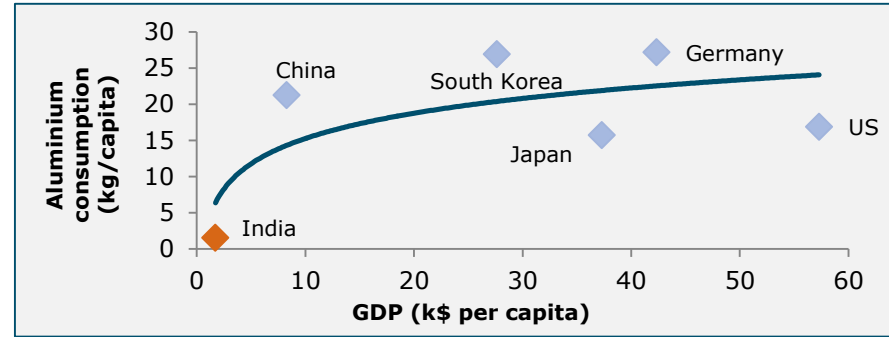
Sources: Wood Mackenzie, US EIA, Bloomberg, Company filings

1. Vedanta commodity basket is a weighted average of commodity prices, weights are based on actual H1FY18 revenue mix, adjusted to exclude Copper India and Copper Zambia custom volumes based on realized Tc/Rc's. Excludes commercial power

3 Ideally Positioned to Capitalize on India's Growth








	2017	2030	
GDP (real terms)	2.6 trillion	6.0 trillion	130%
Per capita income (real terms)	\$1,959	\$3,979	103%
Population	1.3bn	1.5bn	13%
Urbanisation	34%	40%	6% pts

Current per capita metals consumption



Source: Wood Mackenzie, Global Insight, EIA, BMI Research

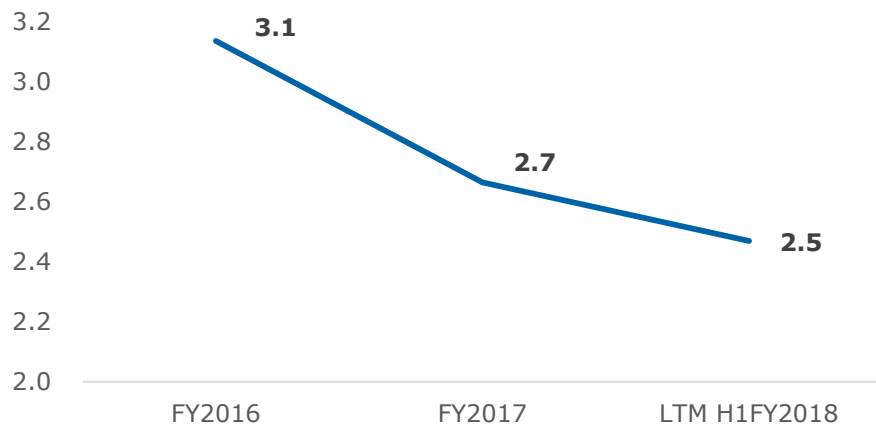
4 Well-invested assets driving industry leading cash flow growth

		Near-term expansions	Remaining capex, \$mn ¹	Total expanded capacity	Change vs FY17 production, %
	Zinc India	<ul style="list-style-type: none"> Expansion to 1.2mt mined Zn-Pb metal Silver to 24mn oz 	603	1.2mt Zn-Pb 24mn oz Ag	30% Zn-Pb 65% Ag
	Zinc International	<ul style="list-style-type: none"> Gamsberg project (250kt) and Skorpion pit extension 	270	400kt	160%
	Oil & Gas	<ul style="list-style-type: none"> Various projects at Rajasthan - EOR, tight oil, Gas 	764 ²	275-300 kboepd	50%
	Aluminium	<ul style="list-style-type: none"> Ramp-up of Jharsuguda II smelter 	102	2.3mt aluminium	90%
	Copper India	<ul style="list-style-type: none"> Smelter expansion from 400 to 800kt 	576	800kt	100%
	Copper Zambia	<ul style="list-style-type: none"> Optimise volumes through process improvements Cobalt value chain enhancement 	-	200kt integrated and 100kt custom	110% integrated
	Iron ore	<ul style="list-style-type: none"> Ramp-up to earlier permitted (pre-ban) capacity 	-	20.5mt	90%

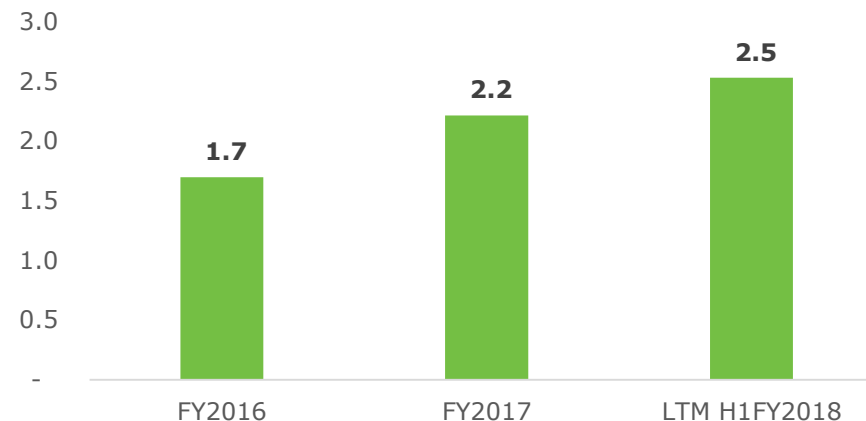
1. Unspent growth capex as of 30 Sep 2017

2. Capex up to FY2020

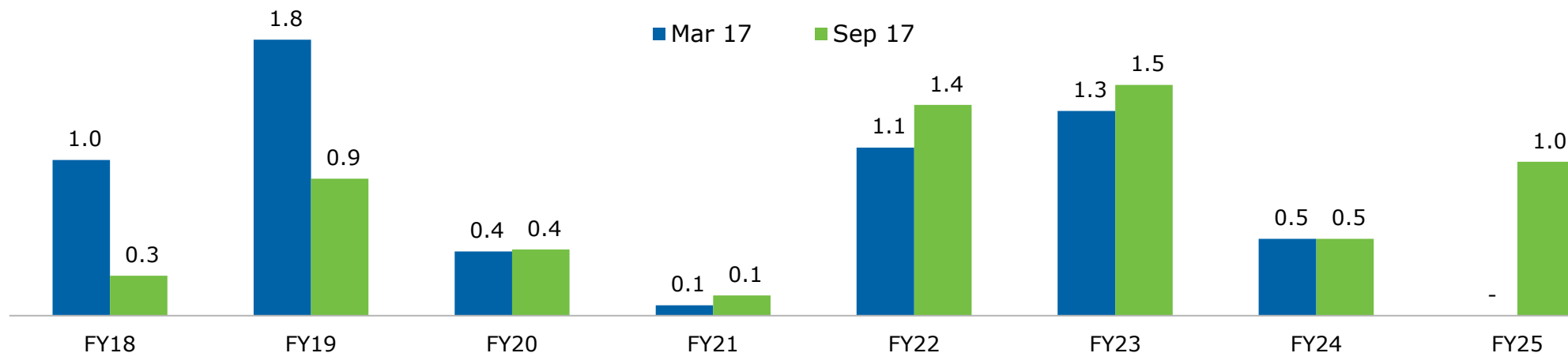
Net Debt/EBITDA¹



EBITDA/Gross Interest¹

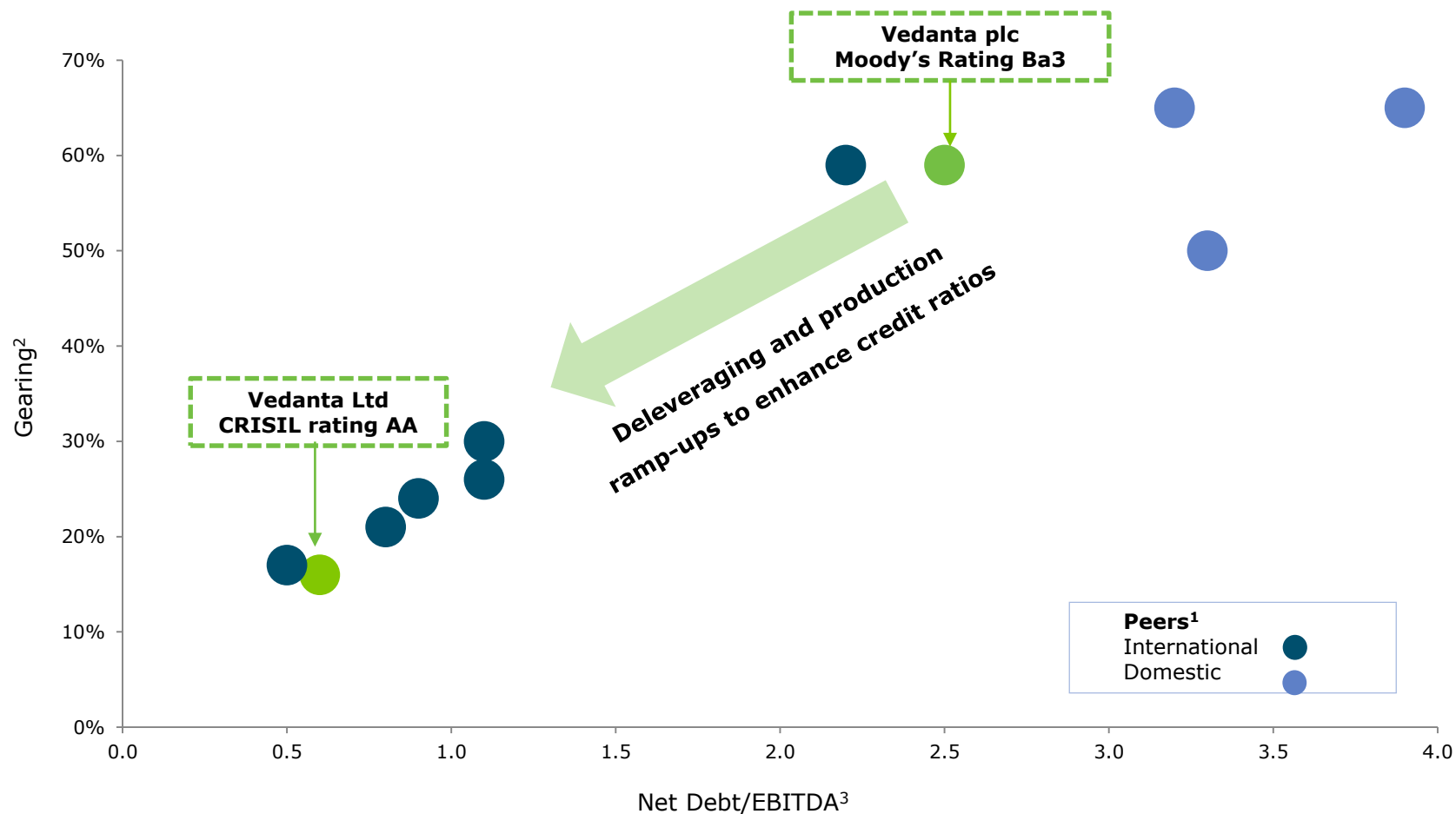


Maturity Profile of Vedanta Plc Debt (\$6.1bn) – No single large maturity over next 12-15 months



1. Ratios for the Group on a consolidated basis

Strengthening Credit Metrics & Proactive Liability Management



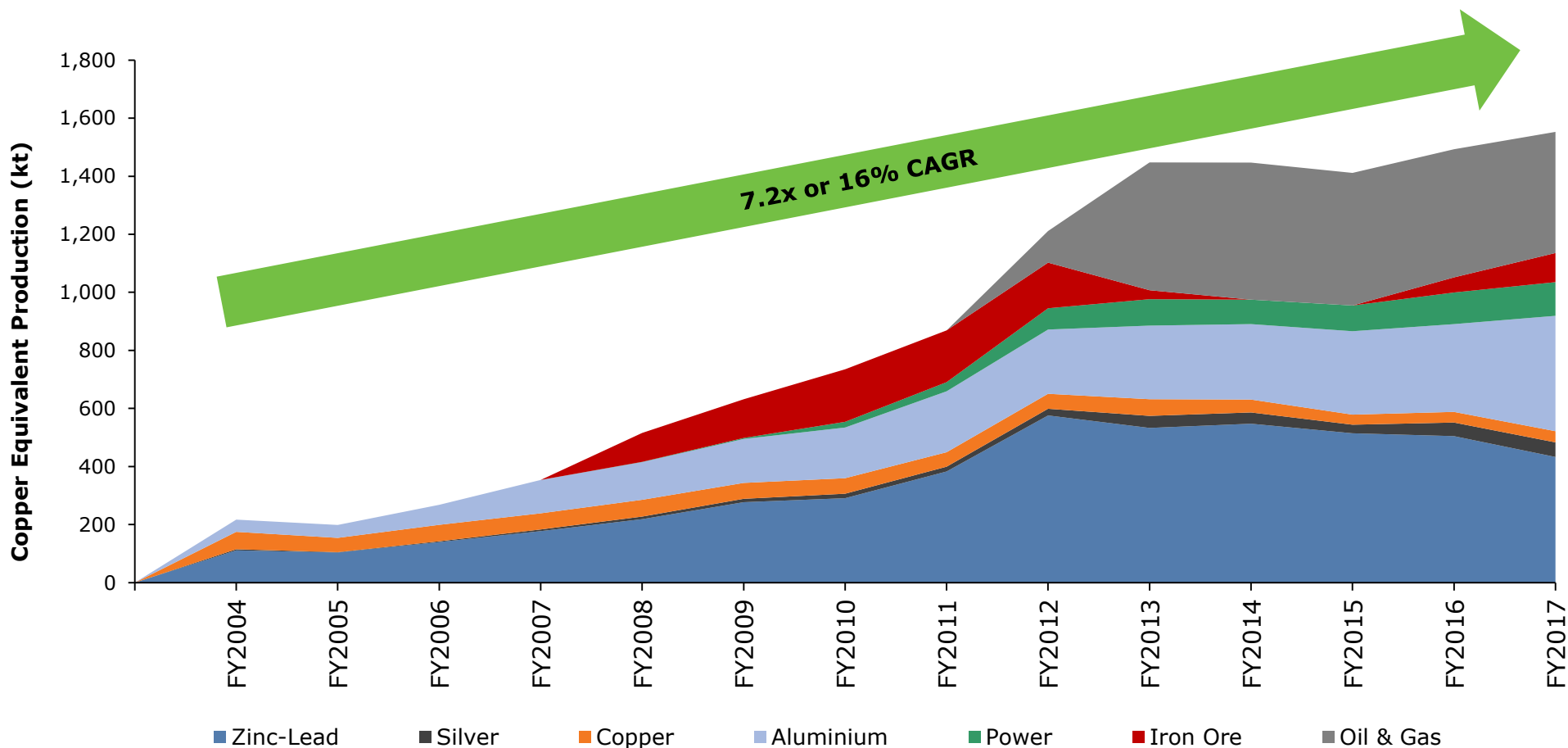
1. Peers include BHP Billiton, Rio Tinto, Anglo American, Glencore, Teck Resources, Freeport, Hindalco, Tata Steel and JSW Steel

2. Gearing is calculated as Net debt divided by the sum of Net debt and Equity (based on reported numbers)

3. Net Debt as per last reported, EBITDA as per CY 2017 consensus estimates

16% CAGR production growth since listing

Total Production (copper equivalent kt)



All commodity and power capacities rebased to copper equivalent capacity (defined as production x commodity price / copper price) using average commodity prices for FY2017. Power rebased using FY2017 realisations, copper custom smelting production rebased at TC/RC for FY2017, iron ore volumes refers to sales with prices rebased at realised prices for FY2017
 1. Iron ore assumed at FY2017 sales of 10.2 million tonnes

World class assets and operational excellence to deliver strong and sustainable cash flows

Production growth and asset optimization

Strong Shareholder Returns

- Dividend policies at:
 - ✓ Vedanta Ltd: Pass through of HZL's regular dividend + min. 30% pay out of Attributable PAT (ex HZL PAT)
 - ✓ HZL: Minimum 30% pay out

Maintain Strong Balance Sheet

- Continued reduction of gross debt
- Terming out maturities and reducing interest cost
- Achieve improved credit ratings over time

Grow Existing Businesses

- Focus on full capacity utilisation and production growth in existing businesses
- Any investment opportunities to clear hurdle rate of return



Production Growth and Asset optimisation



Optimise Capital Allocation and Maintain Strong Balance Sheet



Protect and preserve our License to Operate



Identify next generation of Resources

Appendix



Near Term Priority (FY18-20)

Ramp up to Design Capacity

- Well-invested assets ramping up by FY2020 to deliver industry leading growth
- Continued focus on asset optimisation and cost efficiency

Medium Term Priority (FY20+)

Selectively pursue growth options

- High quality portfolio with attractive brownfield growth options
- Focused exploration strategy
- Participation in resource auctions in India with focus on returns

Deliver superior shareholders returns with continued focus on maintaining a strong balance sheet

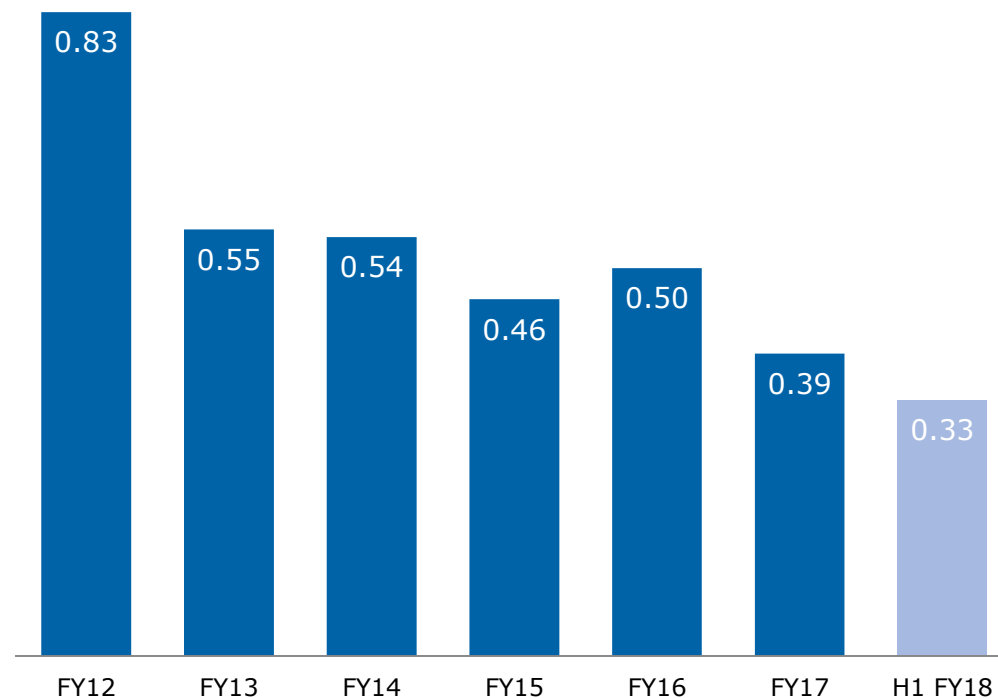
Underpinned by
- **Disciplined capital allocation**
- **Opex and capex efficiency**
- **Sustainability**

		Future growth options
	Zinc India	<ul style="list-style-type: none"> • Expansion to Zn-Pb to 1.5mtpa • Silver production of 32mn oz.+
	Zinc Intl.	<ul style="list-style-type: none"> • Gamsberg Phase 2 & 3 (350kt incremental) • Swartberg (75kt)
	Oil & Gas	<ul style="list-style-type: none"> • 300-500 kboepd • Accompanied by continued exploration
	Aluminium	<ul style="list-style-type: none"> • Lanjigarh alumina refinery expansion (6mt)
	Copper Zambia	<ul style="list-style-type: none"> • Expansion of integrated production to 300kt
	Iron ore	<ul style="list-style-type: none"> • Jharkhand iron ore deposit (10mt)

- Regrettably, 4 fatalities during H1 FY18; detailed investigations completed and interventions are in progress under direction of Executive Committee
- Continued focus on safety and fatality prevention
- Reinvigorated Leadership Action Program initiated towards vision of Zero Harm, Zero Waste and Zero Discharge
- Raageswari Gas Terminal at Oil & Gas Business crossed the safety milestone of 12mn LTI-free man-hours – aim to replicate success across segments
- Vedanta ranked 15th by the Dow Jones Sustainability Index globally; Hindustan Zinc ranked 3rd in the Environment category and 11th overall in the Mining and Metal industry

LTIFR - Lost Time Injury Frequency Rate

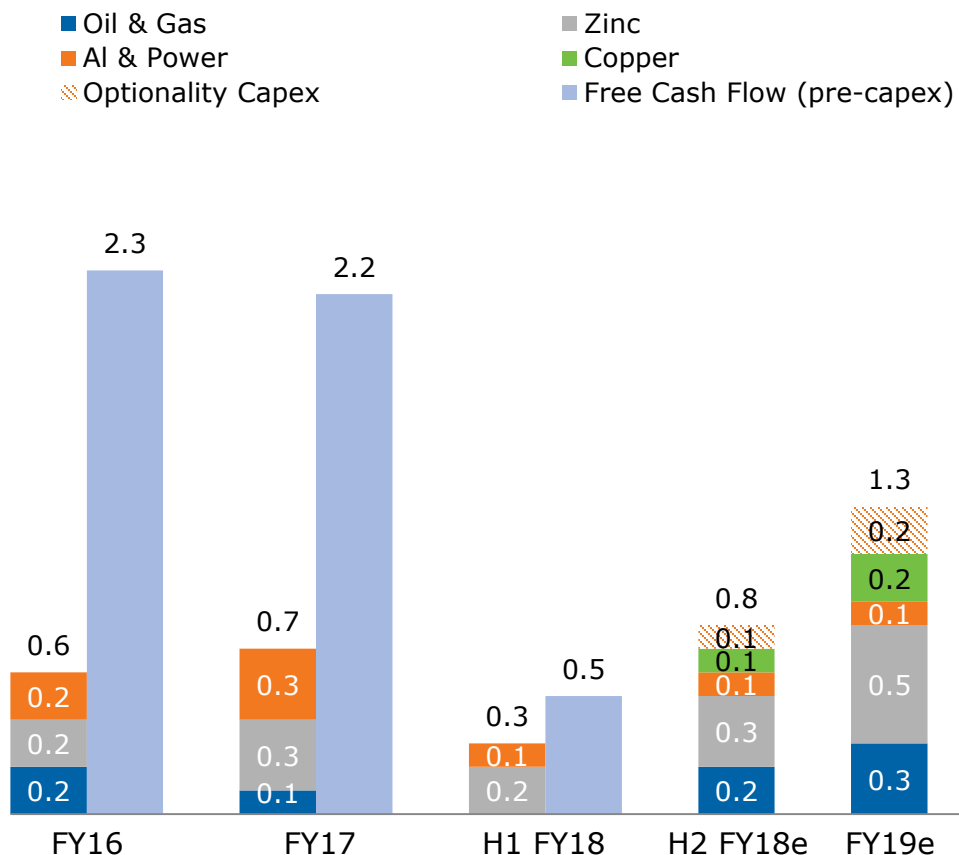
(Number of lost time injuries per million man-hours worked)¹



1. ICMM 2014 methodology adopted from FY2016 onwards

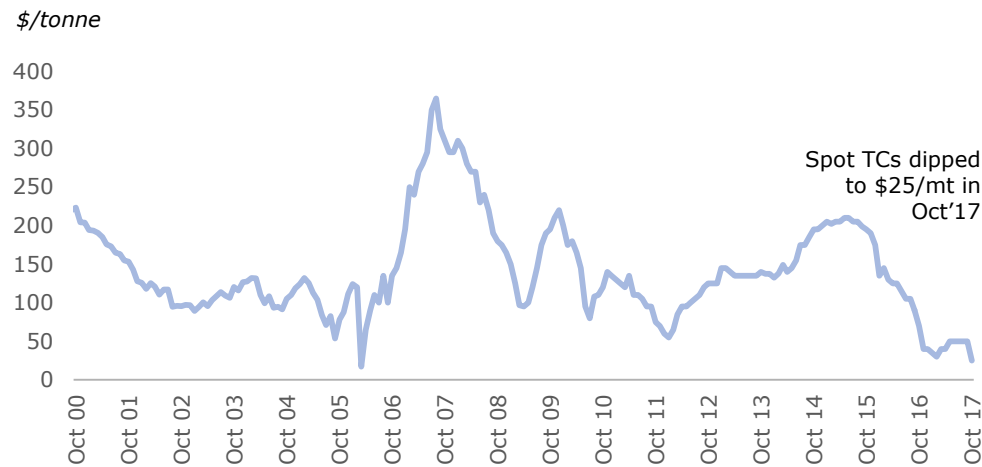
- Prioritised capital to high-return, low-risk projects to maximise cash flows
- H1 Capex spent \$0.3bn, H2 FY2018 expected at \$0.8bn
- Revised capex guidance to \$1.1bn for FY2018 (\$1.0bn+\$0.1bn optional capex) compared to original guidance of \$1.2bn (1bn+\$0.2bn optional capex)
 - \$0.3bn for Zinc India and \$0.2bn for Gamsberg
 - \$0.1bn for Aluminium and Power
 - \$0.3bn for O&G – capex cycle to restart from H2
 - \$0.1bn for Copper – 400ktpa smelter expansion
 - Optionality capex includes Lanjigarh refinery expansion

Growth Capex Profile and Free Cash Flow pre capex \$bn



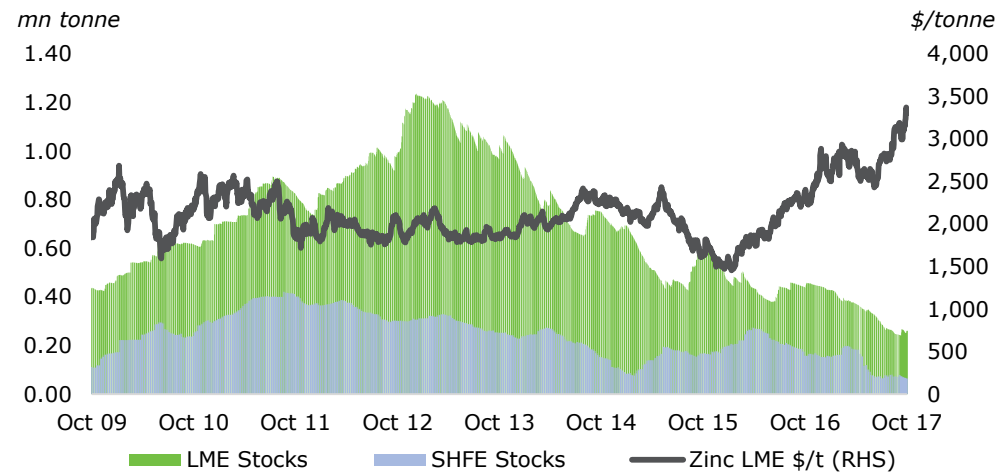
Zinc Market Overview

Supply Shortage Leading to Multi-year low spot TCs

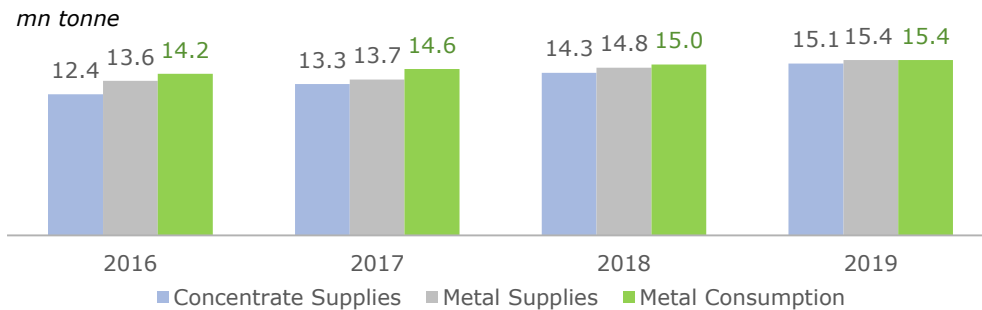


Source: Wood Mackenzie

Declining stocks at LME & SHFE warehouses



Source: Fast markets



Metal Inventory

Year	Metal Inventory (mn tonne)
2016	2.2
2017	1.3
2018	1.1
2019	1.1 (< 1 month)

Source: Wood Mackenzie

- **Mine to End Use:** Mine supply to metal consumption ratio continues to be under pressure
- **Market balance:** Imbalanced market; Inventories at risk, with levels at below one month
- **Demand:** Steady global demand growth of 2-3%
- **Mine Production:** Market sensitive to timing of new supplies, stable operations & reversal of production cuts
- **Smelter Production:** Falling TCs not incentivising early smelter start ups and halting new projects

Significant increase in mine & smelter supplies required in next 5 years for stable inventory levels

H1 FY2018 Results

- MIC at 452kt; refined zinc-lead production at 459kt
- Refined silver production at 8.2mn ounces
- CoP at \$979/t; impacted by higher input commodity prices

Projects – key highlights

- Capacity expansion to 1.2mtpa MIC by FY2020 on track
- RAM U/G mine main shaft service winder commissioned, production winder installation completed; production from shaft to start in Q3 FY2019
- SK mine main shaft equipping commenced; production from shaft to start in Q3 FY2019
 - New mill of 1.5mtpa will take total milling capacity to 5.8mtpa, targeted commissioning in Q2 FY2019
- Zawar mill de-bottlenecking completed to upgrade capacity to 2.7mtpa; order for second mill of 2mtpa capacity awarded, targeted commissioning by Q3 FY2019
- Fumer project progressing as per schedule for completion by mid FY2019

FY2018 Outlook

- FY2018 integrated Zn-Pb production c.950kt; silver 500t+
- FY2018 CoP to be between \$900-\$950/t due to significant increase in commodity prices as compared to last year

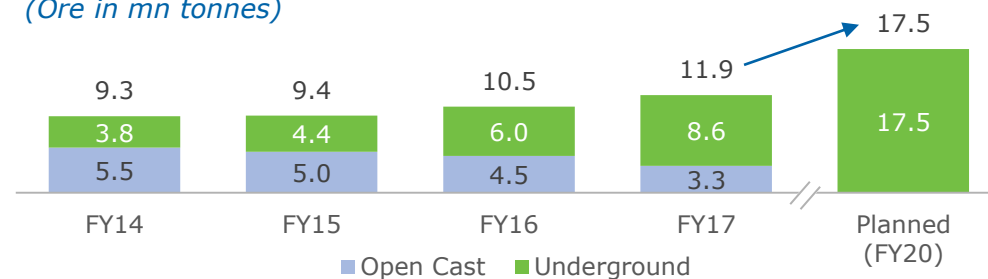


Long-haul drilling machine at work

Underground Mines Ore Capacity Expansion to facilitate MIC expansion to 1.2mtpa by FY2020

Transition from OC to UG

(Ore in mn tonnes)



**1.5mtpa
capacity
under
planning**



Shaft and decline integration
Multi-level mining
Digital transformation to boost productivity
New prospects & tenements

**1.2mtpa
capacity
by FY2020**



25+ years of mining R&R with potential of 1.2mtpa
Transition to underground mining progressing smoothly
Shaft commissioning in Q3 FY2019 to give step jump
Mill & smelter capacity to keep pace

**Outlook
FY2018**



Mined metal: Higher than 907kt of FY2017
Refined zinc-lead: 950kt; silver: 500+ tonne
Project Capex of \$300-325mn
Dollar COP (excluding royalty) likely to be \$900-\$950/t

H1 FY2018 Results

- Total production at 74kt
 - Skorpion at 36kt, lower y-o-y mainly due to planned acid plant shutdown in Q1
 - BMM at 38kt with the highest quarterly production in Q2 during the last 4 years, driven by higher grades and improved recoveries
- CoP at \$1,564/t, higher y-o-y, due to lower volume & ZAR appreciation partially offset by improved copper credit and lower Tc/Rc's

Projects

- Skorpion pit 112 extension
 - Waste mining fully ramped up in Q2; Ore Production from Q4 FY2018 as per plan
 - Project will extend mine life by 3 years and increase Ore reserves by c.3mt @ 9.7% grade
- Continued focus on exploration program across all the locations (>\$10mn)

Outlook

- FY2018 Production of c.160kt; CoP at c. \$1,500/t

Significant progress at 250kt Gamsberg project

- On target for first production by mid CY2018, with Production ramp-up to its full capacity in the next 9-12 months
- On track for a capex target of \$400mn
- Expected mine life of 13 years with upside to extend
- Excavation of >50% of total waste pre-stripping till date
- Construction works for infrastructure progressing well with all contractors fully mobilised to site
- ~1,800 construction manpower on site
- Water and Power lines installation on schedule
- Manufacturing and supply of all Plant equipment is on schedule with mills expected to be at site in November 2017



Ball mill foundation



Civil footprint for the concentrator works

Gamsberg – Anchor for Zinc International Growth

Total Potential for Gamsberg 250 KTPA to 450 KTPA to 600 KTPA

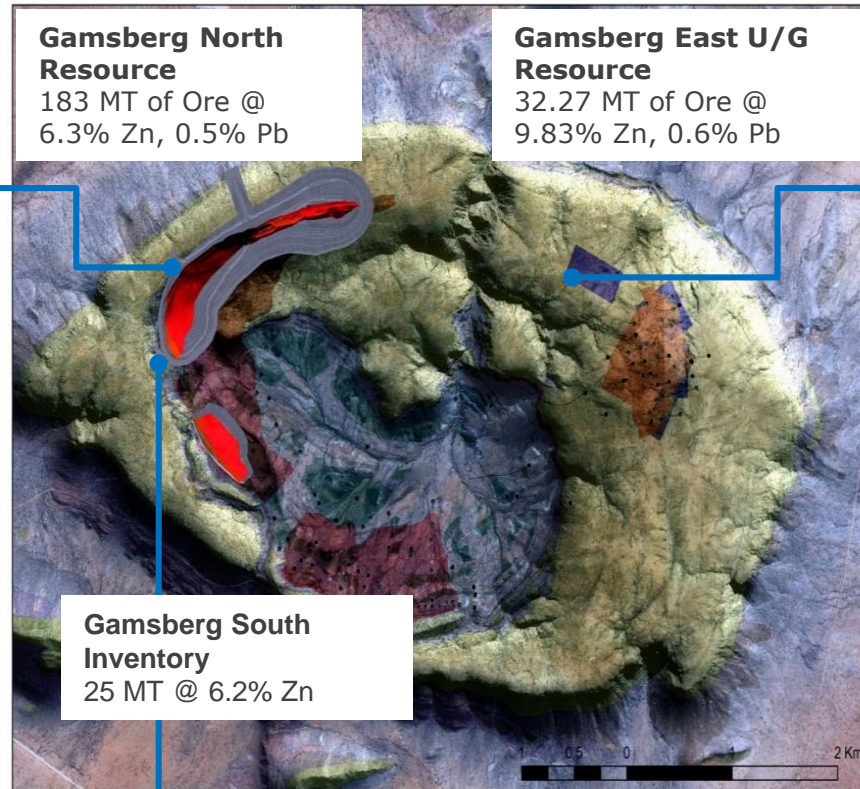
Phase 1 Project In Execution

Gamsberg Project (Phase 1)

- Current project (open-pit mine, concentrator and related infrastructure) 4 MTPA ROM : **250 KTPA MIC**
 - **US\$ 400 mn** investment,
 - 4 MTPA ore, 250 KTPA MIC
 - **First production by Mid CY 2018**, 6-9 months of ramp up to full capacity.
 - COP at US\$ 1,000-1,150/ton, First quartile of cost curve.
 - ~ 1,500 jobs during construction, 850-900 jobs once operational

Gamsberg Mega Pit (Phase 2)

- Expanded open pit by 4 MTPA ROM
- 2nd concentrator stream of 4 MTPA
- Additional metal production - **200 KTPA MIC**



Gamsberg U/G (Phase 3)

- New underground option for Gamsberg East 2.5 MTPA
- Potential Expansion of Gamsberg North open pit to U/G
- +150 KTPA MIC

Gamsberg Extension areas (Beyond Phase 3)

- Good Potential
- Extensive drilling required to firm up potential

**Indicative
Consolidated Outlook**

	FY18	FY19	FY20
Prod (kt)	150-160	240-260	410-430
COP (\$/t)	<1,500	<1,200	<1,100

**Gamsberg
250kt Production@
~\$1000/t**

Project on track and progressing as per plan

- First production by mid CY2018 and on budget for capex target of \$400mn
- FY19 production expected to be 100kt+, with ramp-up to 250kt by FY2020
- Targeted COP of \$1,000-1,150/t, placing ZI in 1st quartile of global cost curve

**Skorpion &
Black Mountain
>200kt Production**

FY2018: Production of c.160kt @ < CoP of \$1,500/t

- Skorpion c.90kt & Black Mountain c.70kt
- Focus on further reducing COP through operational and cost initiatives

FY2019 & FY2020: Plan to increase production to c.200ktpa by ramping up Pit 112

- Skorpion c.130kt & Black Mountain c.70kt

Next phase of projects

Currently progressing next phase of projects within pipeline

- Gamsberg Phase 2: 4 mtpa RoM (200 kt)
- Swartberg Phase 2: 1.7 mtpa RoM (65-70 kt)

H1 FY2018 Results

- H1 FY2018 gross average production at 184,062 boepd
 - Rajasthan production at 156,278 boepd
- Commenced 15 wells infill drilling campaign at Mangala with first well brought online in Sept 2017; 4 wells online currently
- Aishwariya Barmer Hill Phase I was approved and the production from appraisal wells commenced in Q2 FY2018
- Operating cost
 - RJ waterflood operating cost at \$ 4.3/boe, in line with H1 FY2017; sustainable impact of the cost optimization initiatives over the last few quarters
 - RJ blended cost including EOR at \$6.2/boe, in line with H1 FY2017; Polymer cost at sub \$ 10/bbl compared to projected cost of over \$ 12/bbl

FY 2018 Outlook

- Rajasthan production expected at 165 kboepd; upside from growth projects to contribute from H2
- Net capex estimated at \$250mn
 - 90% for development including EOR, Tight oil and Tight gas projects
 - 10% for Exploration and Appraisal



Rajasthan: Mangala Processing Terminal



Rajasthan: Raageshwari Gas Terminal

Cairn Oil & Gas: \$1bn Capex Initiated to Deliver 300 kboepd at \$5 per boe

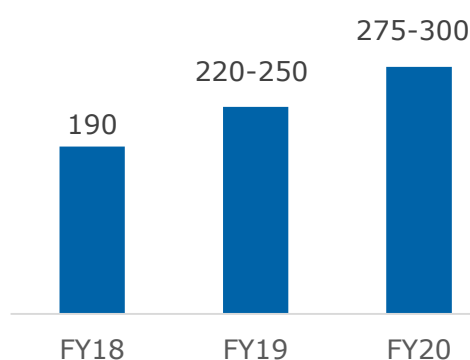
Enhanced Execution Strategy

- Fundamental shift to 'Integrated Project Development' with in-built risk and reward mechanism to drive incremental value from project schedule and recoveries
- Engaging global partners to access cutting edge technologies to deliver economic value

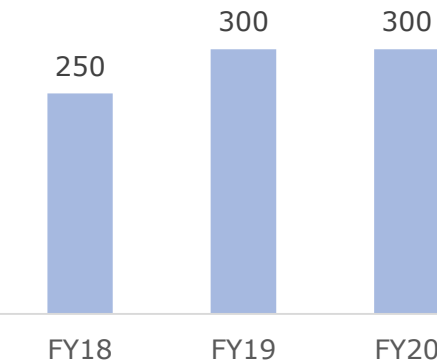
Project Portfolio

- **Enhanced Oil Recovery:** Replicating the success of Mangala Polymer EOR in Bhagyam and Aishwariya. ASP in Mangala to further add over 100 mmbbls at \$5/bbl in due course
- **Tight Oil & Gas:** Deploying latest fracking technologies to recover Oil & Gas from tighter reservoir formations through execution of Raageshwari Deep Gas (RDG) and Aishwariya Barmer Hill (ABH)
- **Other Projects:** Infill wells around existing producers in Mangala and Cambay to accelerate near term production;
Increasing liquid handling capacity at Mangala Processing Terminal by over 30% to handle incremental volumes

Gross production (kboepd)



Net capex (\$mn)



Project	Gross EUR ¹ (mboe)	Gross Capex (\$m)	Peak Production (kboepd)
Enhanced Oil Recovery	40	155	19
Tight Oil & Gas Projects	137	640	45
Other Projects:	41	290	53
- Mangala Infill (60 wells)	22	140	32
- Liquid Handling Upgrade	12	120	15
- CB/OS-2 Infill (3 wells)	7	30	6
Total	218	1,085	117

Project IRR of over 20% even at \$40/bbl per barrel Brent → Positive Free Cash Flow post capex every year

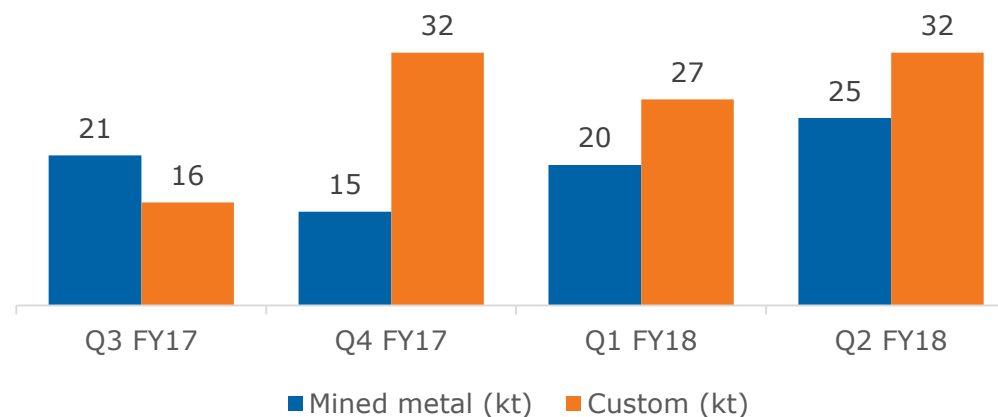
1. Estimated Ultimate Recovery

Copper – Zambia Update

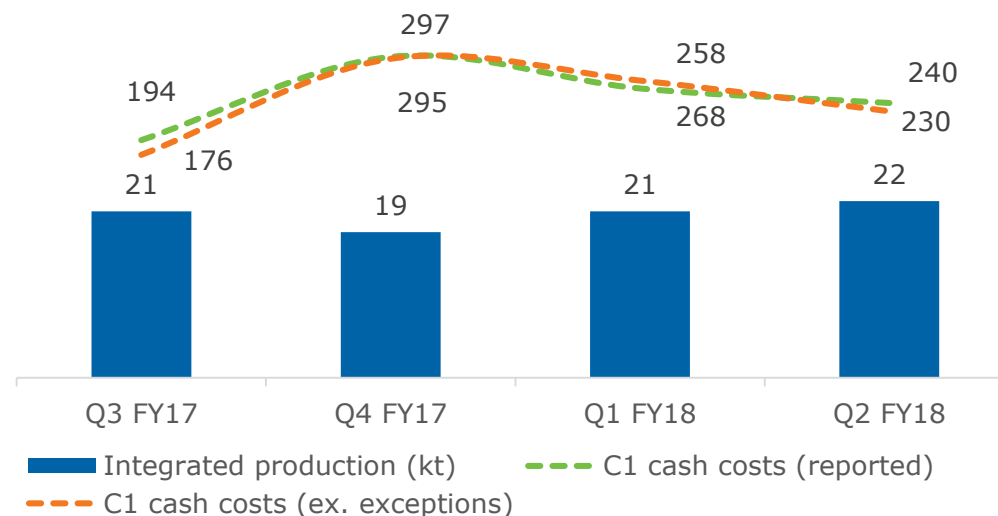
H1 FY2018 Results

- Higher integrated mined metal in H1 FY2018 vs H2 FY2017 due to:
 - Improved fleet availability at Konkola UG & Nchanga open pit
 - Positive impact of OEM’s supervision
 - Improved dewatering efficiency and development rates
 - Improved plant reliability and availability at TLP
- Sustained smelter utilization & higher throughput supported by higher sourcing of third party concentrate
- C1 cost at USc 249/lb in H1 FY2018 impacted by lower volumes, FX and costs associated with process improvement programmes
- Partnering with experienced O&M companies underway and is expected to improve volumes in H2 FY2018
- \$21mn EBITDA generated in Q2 FY2018 as a result of focused interventions and higher copper LME

Production (kt)



Integrated production (kt) and C1 cash costs (USc/lb)



Copper – Zambia Update (contd.)

Regulatory Update

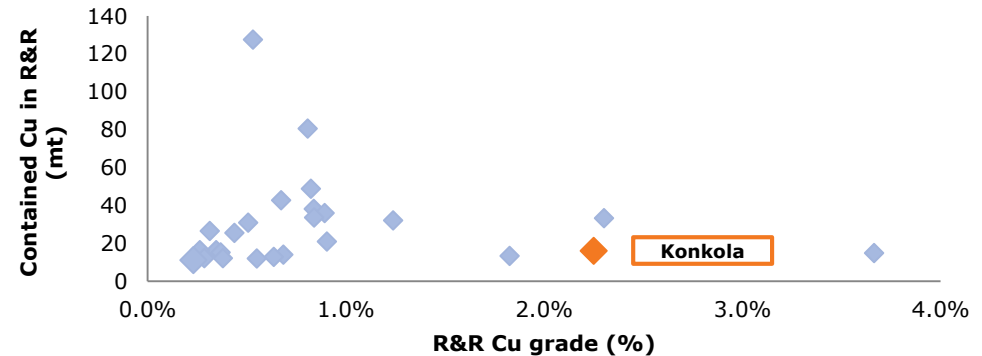
- Power supply situation has stabilised
- Backlog VAT receivable: continued engagement with Zambia Revenue Authority
- Court of Appeal in UK has confirmed that UK has jurisdiction on claim by Zambian: Pursuing right to appeal to Supreme court

Outlook

- FY2018 expected volume
 - Integrated production: 100-110kt
 - Custom production: 100-110kt
- H2 FY2018 integrated C1 cost: 200-220 USc/lb
- Improvement Projects
 - Cobalt value chain: appointment of technological partner in Q3 FY18
 - Heap Leach: Pilot test pad commissioning in Q3 FY18
 - Elevated Temperature Leach Phase II: Partner appointment in Q3 FY18

KCM: One of world's highest grade copper mines

Top 25 producing copper mines by contained copper (mt)



Source: Wood Mackenzie (Q2 2017) – base case



Konkola deep mine shaft



Shovel Equipment at NOP



Nchanga concentrator



Water discharge from Konkola UG

H1 FY2018 Results

- Record Aluminium production of 753kt and Alumina 572kt
 - Aluminum CoP at \$1,798/t, higher due to high power cost on account of coal shortages and ash dyke incident. High inflation on key inputs like caustic and carbon offset by lower imported Alumina cost
 - Alumina CoP at \$324/t vs. \$396/t for imported alumina

Operations

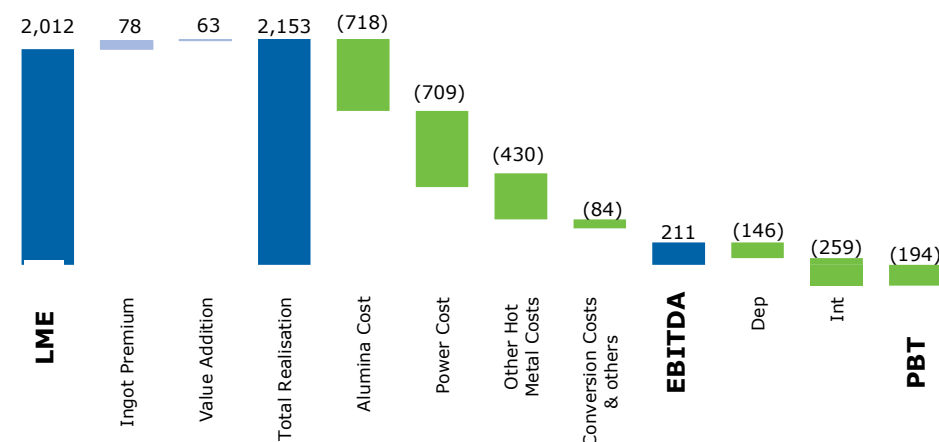
- 500kt Jharsuguda-I smelter: outage in April 2017 impacted 228 of the 608 pots; 121 pots re-started, full ramp-up by Q3 FY2018
- Ramp-up at 1.25mt Jharsuguda-II smelter:
 - 1st line: 301 pots operational, full ramp up by Q3 FY2018
 - 2nd line was fully capitalized in Q4 FY2017
 - 3rd line: 156 pots operational, full ramp up by Q4 FY2018
 - 4th line: Under evaluation
- Inspection by Pollution board of 2 closed power units in early November

FY2018 Outlook

- Aluminium production 1.5 to 1.6mt (excl. trial run); Alumina production 1.3 to 1.4mt
- CoP estimated at \$1850-1900/t for Q3 FY2018 given higher input costs of coal and Alumina. Q4 CoP expected to be substantially lower with improvement in domestic coal situation and production ramp-up
- Working with Odisha State Government on bauxite allocation

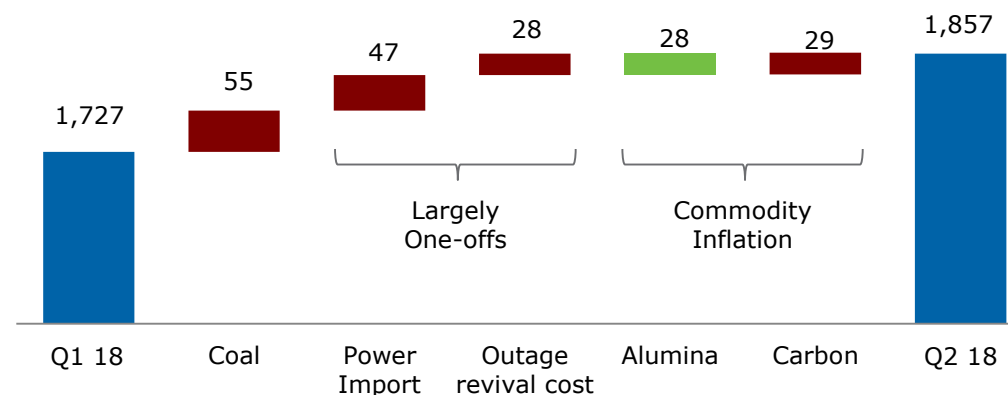
Aluminium Costs and Margins (\$/t, for Q2 FY2018)

	1,851	45	86	1,982	(645)	(548)	(298)	(44)	\$447/t	(150)	(299)	(2)
Q4 17												
Q1 18	1,909	98	62	2,070	(745)	(607)	(373)	(72)	\$271/t	(172)	(339)	(240)



Q1 CoP numbers have been regrouped to make them comparable

Movements in Aluminium COP (\$/t)



Talwandi Sabo Power Limited (TSPL)

- 1,980 MW Thermal Power Plant (3 units of 660 MW each)
- Plant availability of 20% in Q1 and 87% in Q2; targeting availability of 75% for FY2018
 - Plant was out of production for c. 2 months, due to fire at coal conveyor in April 2017; restarted in end June 2017
- 'Take or Pay' arrangement based on availability with EBITDA margin of c. Re.1/unit
 - Input coal cost is a pass through

Other IPPs

- BALCO 600MW: H1 PLF of 47% on account of temporary coal shortage
- Jharsuguda 600MW: Low PLF of 26% due to shut down of the plant, and temporary coal shortage

Coal Outlook – Aluminium CPPs

- Coal linkage of 8 mtpa secured in Tranche I & II
 - Curtailment of linkage due to coal unavailability
- We intend to deal with the current challenges in domestic coal supply by
 - Working towards better materialisation of linkages
 - Importing coal from international miners
- Secured coal linkage of 2mt for captive power plant at Jharsuguda during Tranche III coal auction
- We expect the challenges in domestic coal to be resolved by Q4 FY2018



Iron Ore

Volumes:

- Sales of 3mt and production of 4.5mt (Goa and Karnataka)
 - Volumes at Goa impacted by low pricing environment
 - Karnataka to achieve full allocation production in Q3
- FY2018 production allocation: 5.5mtpa at Goa & 2.3mtpa at Karnataka
 - Engaged with respective state governments for additional allocation

Realizations:

- Beneficiation and blending to increase grades and realisations at Goa
 - Saleable ore at Goa in H2 to be c. 3mt post beneficiation
- Karnataka had steady realizations of \$24/t in H1
 - Working towards better realizations in the domestic market

Copper India

- Record production at 106kt in Q2 on improved operational efficiencies
- Q2 EBITDA at \$58m
- Net cost of conversion higher due to coal and fuel prices
- Positioned in the lowest cost quartile
- FY2018 production estimated at 400kt



Iron Ore Mine in Goa



Tuticorin Copper Smelter

Business Case

- Robust future for copper in India:
 - Per capita copper consumption of 0.5kg in India vs 1.9kg globally
 - Growth drivers: Urbanisation, transportation and renewables
- Operational capabilities:
 - Proven operational, technical 20 year track record
 - Operations positioned at lowest cost quartile
 - Best in class product quality
 - Capable of treating wide variety of concentrates
 - Leverage our strong relationship for further concentrate sourcing
 - Environment friendly operations

Approach

- Replicate best in class ISA SMELT technology
- Single EPC contractor
- Safe and sustainable operations

Project Details

- Incremental project cost of c.\$576mn, excluding cost of c.\$141mn already invested
 - Project on hold since 2010 pending statutory clearances
 - Required statutory approvals in place
- Execution timeline of 24 months



Tuticorin Copper Smelter

World's largest single location copper smelting complex post expansion

Segment	FY18e	Comments
Zinc India	Zinc-Lead Integrated: 950kt; Silver volume: +500 tonnes CoP (\$/t): \$900-950/t	Earlier guidance on CoP for FY2018 was marginally higher than FY17 CoP. Revised guidance due to input commodity inflation
Zinc International	Zinc-Lead volume: c.160kt CoP: c.\$1,500/t	Gamsberg expected CoP: \$1,000-1,150/t
Oil & Gas	RJ Gross Volume: 165kboepd Ravva Gross volume: 16kboepd Cambay Gross volume: 10kboepd	
Aluminium	Alumina: 1.3-1.4mt Aluminium: 1.5-1.6mt (excl. trial-run) Aluminium CoP: \$1,850-1,900/t for Q3 FY2018 We expect Q4 CoP will be substantially lower with improvement in domestic coal situation and production ramp-up	Earlier guidance on aluminium CoP for H2 FY2018 was \$1,575-1,600/t. Revised guidance due to higher input costs of coal and Alumina
Power	TSPL plant availability: c.75%	Earlier guidance for FY2018 plant availability was 70%+
Iron Ore	5.5mtpa at Goa and 2.3mtpa at Karnataka	Engaged with respective State Governments for additional allocation
Copper - India	Production: 400kt	
Copper Zambia	Integrated production: 100-110kt Custom production: 100-110 kt Integrated H2FY18 C1 cost: 200-220 US\$/lb	

Net Debt Summary (\$mn)

Company	30 Sep 2017			31 Mar 2017			30 Sep 2016		
	Debt	Cash & LI	Net Debt	Debt	Cash & LI	Net Debt	Debt	Cash & LI	Net Debt
Vedanta plc¹	6,116	15	6,101	6,173	17	6,156	6,145	19	6,126
KCM	467	9	458	554	1	553	642	1	641
Vedanta Ltd. Standalone	5,850	1,891	3,959	7,177	356	6,821	6,147	315	5,832
Cairn India Holdings Limited ²	544	934	(391)	NA	NA	NA	NA	NA	NA
Cairn India ³	-	-	-	-	4,185	(4,185)	-	3,576	(3,576)
Zinc India	91	3,058	(2,967)	1,220	4,960	(3,740)	289	4,078	(3,789)
Zinc International	-	108	(108)	-	140	(140)	-	136	(136)
BALCO	711	12	699	760	9	751	828	3	825
Talwandi Sabo	1,232	45	1,188	1,236	29	1,206	1,147	8	1,139
Twin Star Mauritius Holdings Limited and Others ⁴	110	31	79	1,110	28	1,082	1,135	31	1,104
Vedanta Ltd. Consolidated	8,538	6,079	2,459	11,503	9,707	1,795	9,546	8,147	1,399
Total (\$mn)	15,121	6,103	9,018	18,229	9,725	8,504	16,333	8,166	8,166

Debt numbers at Book Values. Since the table above shows only external debt, it excludes any inter-company loans. As on 30 Sep 2017, there was no outstanding on the receivable at Vedanta plc from TSMHL.

1. Includes Investment Companies

2. Cairn India Holdings limited is a 100% subsidiary of Vedanta Limited which holds 50% of the share in the RJ block

3. Merged with Vedanta Limited w.e.f April 2017

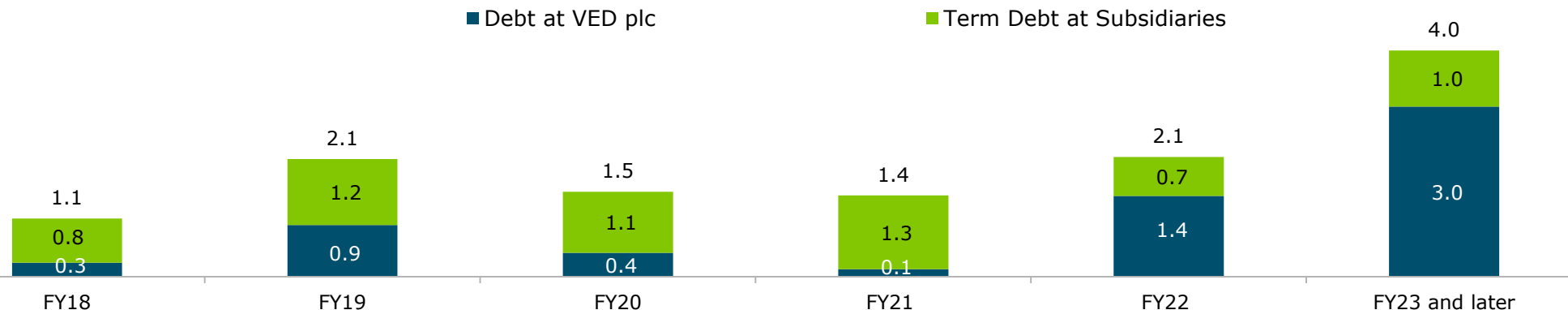
4. Others include: CMT, Fujairah Gold, MEL, VGCB, Sesa Resources Ltd, other Iron Ore companies, and Vedanta Ltd. Investment companies

Maturity Profile of Term Debt (\$12.2bn)

(as of 30th Sep 2017)

■ Debt at VED plc

■ Term Debt at Subsidiaries



Debt numbers at face value; As of date, term debt of \$12.2bn (\$6.1bn at Vedanta plc and \$6.1bn at Subsidiaries); Numbers may not foot due to rounding
Excludes working capital of \$0.2bn, short term debt of \$2.1bn, Zinc India borrowing of \$0.1bn and preference share of \$0.5bn

Vedanta Plc Maturities

- **Mega refinancing successfully completed**

- Raised 1.84bn in August 2017 through a combination of \$1bn bond and \$840m bank loans to address near term debt maturities;
- Average maturity of PLC debt increased to over 4 years and avg cost of borrowings reduced by 25bps.

- **Residual FY2018 maturities:** shall be settled on due date in Q4 FY2018.
- **Refinancing for 2019 maturities** in process.

Vedanta Ltd Maturities

- **Gross debt reduction and maturity extension**

- Reduced gross debt by \$2.0bn¹ since April 2017
- Raised \$300mn through competitively priced capital market instruments to refinance high cost bank debt
- Lowered the avg cost of borrowing by ~70-80bps on bank debt portfolio with improving credit profile

- **Strong credit profile:** CRISIL (A S & P subsidiary) AA with stable outlook; India Ratings (A Fitch Subsidiary) revised Outlook from AA Stable to AA Positive

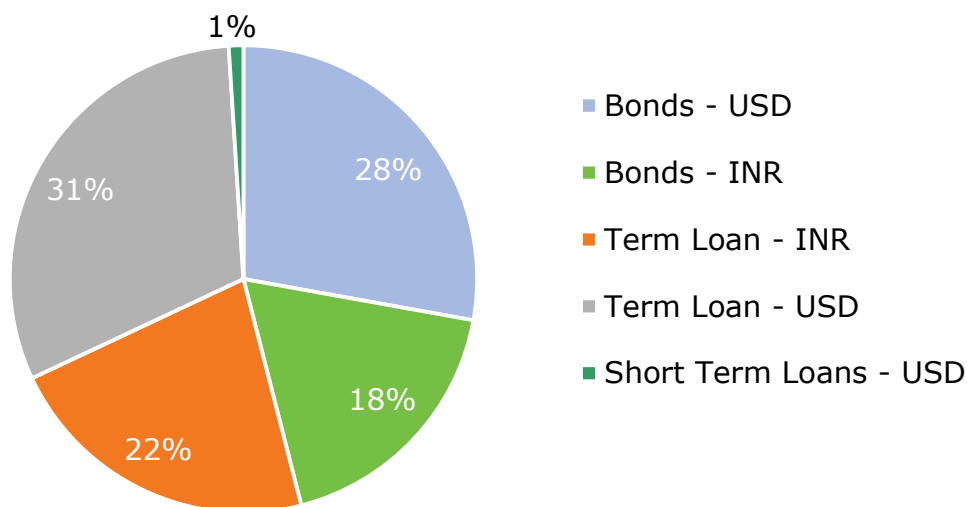
Cash and liquid investments of \$6.1bn and undrawn committed lines of \$0.8bn

1. Excluding temporary borrowing at Zinc India

Debt Profile

Diversified Funding Sources for Term Debt (\$12.2bn)

(as of 30 Sep 2017)



Debt Breakdown

(as of 30 Sep 2017)

Debt breakdown as of 30 Sep 2017

(\$bn)

Term debt	12.2
Working capital	0.2
Short term borrowing	2.1
Temporary short term borrowing at Zinc India	0.1
Preference Shares to Cairn Shareholders	0.5
Total consolidated debt	15.1
Cash and Liquid Investments	6.1
Net Debt	9.0

- 56% of the gross debt is fixed interest rate, 44% floating rate
- 49% of the gross debt is USD-denominated, 51% is INR-denominated

Segment-wise Summary

Oil & Gas	H1 FY18	H1 FY17
<i>Average Daily Gross Operated</i>		
Production (boepd)	184,062	196,629
Rajasthan	156,278	167,323
Ravva	17,810	19,228
Cambay	9,974	10,078
<i>Average Daily Working Interest</i>		
Production (boepd)	117,391	125,484
Rajasthan	109,935	117,126
Ravva	4,007	4,326
Cambay	3,990	4,031
Average Brent (\$/bbl)	51	46
Average realizations Oil & gas (\$/boe)	45	40
EBITDA (\$mn)	401	274

Zinc-India	H1 FY18	H1 FY17
Mined Metal (kt)	452	318
Refined Zinc – Integrated (kt)	386	250
Refined Lead – Integrated (kt) ¹	73	55
Saleable Silver – Integrated (moz) ³	8.2	6.3
Average Zinc LME (\$/t)	2,784	2,089
Zinc CoP ² (\$/t)	979	852
EBITDA (\$mn)	834	456

1. Excludes captive consumption of 3,590 tonnes in H1 FY2018 vs 1,921 tonnes in H1 FY2017
2. Excluding royalty. Revenues from silver not credited to CoP. With IFRIC adjustment. Without IFRIC adjustment, the COP was \$982 /t in H1 FY2018 and \$1,013/t in H1 FY2017
3. Excluding captive consumption of 0.6moz in H1 FY2018 and 0.32moz om H1 FY2017

Zinc-International	H1 FY18	H1 FY17
Mined Metal –BMM (kt)	38	35
Refined Zinc – Skorpion (kt)	36	47
Total Zinc-Lead Metal (kt)	74	82
Average Zinc LME (\$/t)	2,784	2,089
CoP (\$/t)	1,564	1,331
EBITDA (\$mn)	110	88

Segment-wise Summary (contd.)

Copper-Zambia	H1 FY18	H1 FY17
Mined Metal (kt)	45	58
Finished Metal – Total (kt)	101	92
Integrated (kt)	43	55
Custom Smelting (kt)	58	36
Copper LME (\$/t)	6,013	4,751
C1 Cash Cost – Integrated ¹ (US\$/lb)	249	184
Total Cash Cost– Integrated ² (US\$/lb)	318	240
EBITDA (\$mn)	18	17

1. C1 cash cost, excludes royalty, logistics, depreciation, interest, sustaining capex

2. Total Cash Cost includes C1 cash cost, royalty, interest and sustaining capex

Aluminium	H1 FY18	H1 FY17
Aluminium Production (kt)	753	541
Jharsuguda I - 500kt	191	261
Jharsuguda II - 1,250kt ¹	277	77
Korba-I 245kt	128	126
Korba-II 325kt ²	156	77
Aluminium LME (\$/t)	1,962	1,596
Aluminium COP (\$/t)	1,798	1,473
BALCO	1,825	1,541
Jharsuguda-I	1,781	1,435
Alumina Production (kt)	572	567
Alumina COP (\$/t)	324	276
EBITDA (\$mn)	153	102

1. Includes trial run production of 34kt in H1 FY2018 vs 29kt in H1 FY2017

2. Includes trial run production of 16kt in H1 FY2018 vs 28kt in H1 FY2017

Copper-India	H1 FY18	H1 FY17
Copper Cathodes– India (kt)	197	198
Tuticorin Power Plant (mu)	34	90
Average Copper LME (\$/t)	6,013	4,751
Copper Tc/Rc (US\$/lb)	21.2	21.7
Conversion cost – India (c/lb)	6.3	5.6
EBITDA (\$mn)	93	126

Power

	H1 FY2018	H1 FY2017
Power Sales (million units)	4,787	6,039
Jharsuguda 600MW	657	1,497
BALCO 600MW	682	1,156
MALCO 100MW ³	4	115
Talwandi Sabo 1980MW	3,145	2,951
HZL Wind Power	299	320
Power - Realisation (Rs./unit) ¹	2.77	2.92
Power - Cost of generation (Rs./unit) ¹	1.93	2.03
Talwandi Sabo – Realisation (Rs./unit) ²	3.62	3.54
Talwandi Sabo – Cost of generation (Rs./unit) ²	2.83	2.51
EBITDA (\$mn)	74	108

Iron Ore and Pig Iron

	H1 FY2018	H1 FY2017
Sales (mt)	3.0	3.4
Goa	2.0	2.4
Karnataka	1.0	1.0
Production (mt)	4.5	4.7
Goa	2.6	2.9
Karnataka	1.9	1.7
Average Net Sales Realizations (\$/t)	19.9	29.3
Pig iron - Production (kt)	300	372
EBITDA (\$mn)	(3)	72

1. Excludes Talwandi Sabo

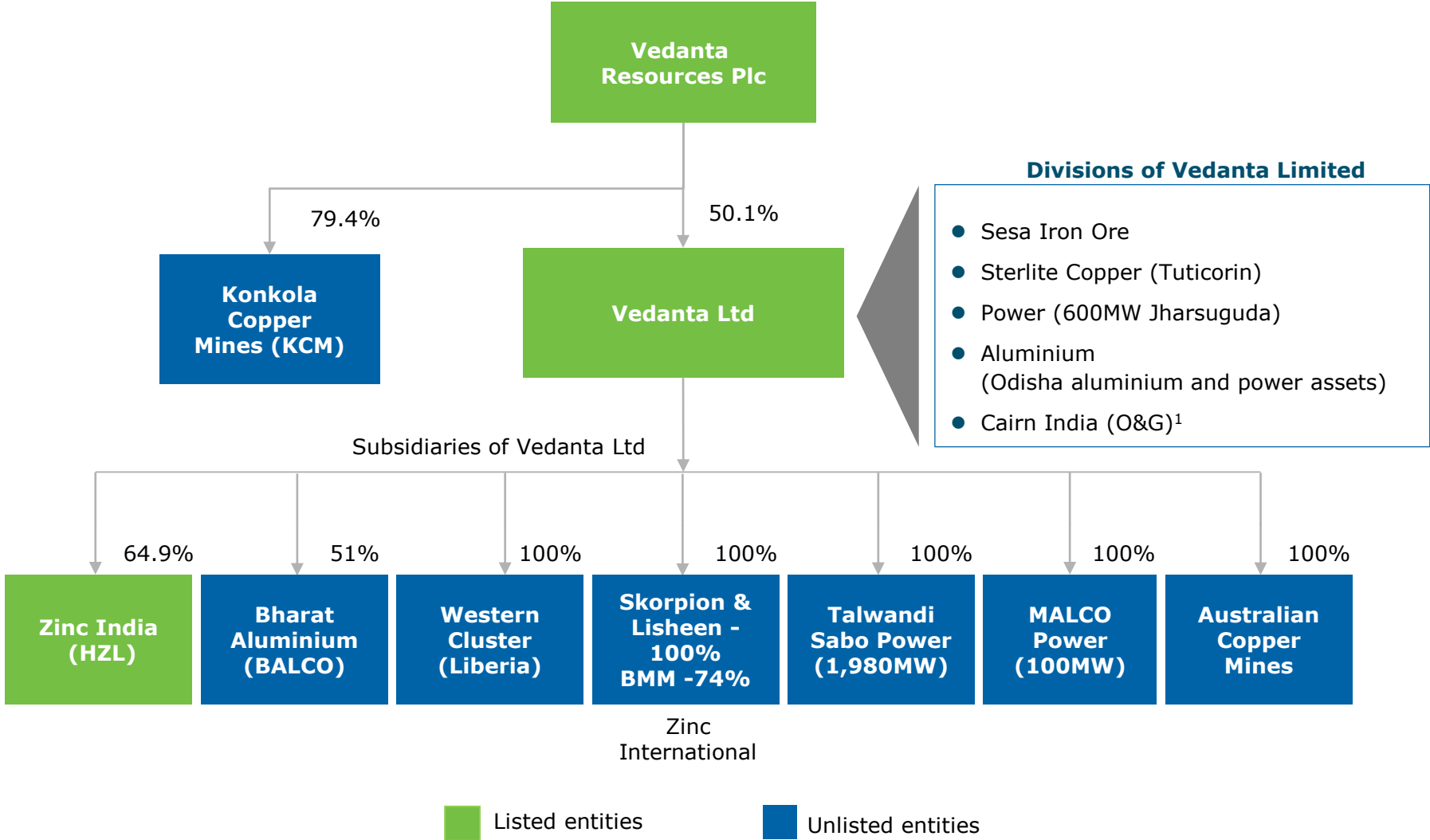
2. Based on availability, generation would have been 4361mu for H1 FY2018 and 4363mu for H1 FY2017

3. MALCO 100MW is under care & maintenance since 26th May 2017

	FY2017	H1 FY18	Covenant (Up to Sep 2017)
Net Debt/EBITDA	2.7x	2.5x	<3.75x
EBITDA/Net Interest Expense ¹	4.0x	3.6x	>3.00x
Net Assets/Debt	1.42x	1.48x	>1.40x

Several of our facilities initially had the covenants of Net Debt/EBITDA of <2.75x and EBITDA/Net Interest of >4.0x, as disclosed in previous periods. These have been waived /relaxed by lenders for the period ended September 30, 2017 and progressively revert to original levels by March 2019. The above table shows the strictest of the covenants.

1. Interest includes Capitalized Interest.



Shareholding post Cairn merger
 1. 50% of the share in the RJ block is held by a 100% subsidiary of Vedanta Limited