

VEDANTA LIMITED INVESTOR PRESENTATION FY2019

May 2019

We Are GROWING RESPONSIBILY

OIL & GAS | ZINC-LEAD-SILVER | ALUMINIUM & POWER | COPPER | IRON ORE & STEEL



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Section	Presenter	Page
FY19 Review	Venkat, CEO	4
Financial Update	Arun Kumar, CFO	12
Business Update	Venkat, CEO	19
Appendix		30



FY2019 Review

Venkat

VEDANTA LIMITED INVESTOR PRESENTATION FY2019

101005

Chief Executive Officer

Heading Towards – Zero Harm, Zero Waste, Zero Discharge



Safety	Environment	Sustainability
• Zero fatality in Q4 (9 in FY 2019)	• 94% waste recycling in FY 2019	 Reusing 60% tailings as 'paste- fills' for void replacement at
Safety focus across business:Visible leadership	 16.6% reduction in GHG Emissions 	Zinc India underground mine
 Safety Critical Tasks ensuring controls in place Business Partner engagement 	 Conserved 1.4 million GJ of energy 	 Using tailings dams and waste pits as land for solar farms at
	Conserved 2.3 million cubic meter of water	Zinc India (38MW plant saving additional land footprint of 190 acres)
LTIFR	Water Consumption (m ³)	Waste Recycling (mMT) (High volume low effect)
0.49 0.46 0.35	278 242 240	17 17 14 14 13 8 8

■ Generation ■ Recycled



Benefitting the lives of 3.0 million people across 1,042 villages Spent ₹ 309 Crore in FY 2019 (₹ 244 Cr in FY 2018)

Nand Ghar	 502 centers across Rajasthan, Uttar Pradesh, Madhya Pradesh, Goa and Uttarakhand Supporting 17,000 children and 15,000 women Building world class model of pre-school education and healthcare Targeting 4,000 centers, 85 million children and 20 million women across 11 states
Sports	 Sesa Football Academy, four centers train over 500 youth players every week At Zinc Football, 64 community feeder academies currently training up nearly 2,000 talents under 14
Medical Centre at Odisha	 Built 350 bedded state-of-art tertiary care oncology facility at Naya Raipur Over 4,000 patients treated Over 250 surgeries Radiation therapy to 230+ patients and 1,000+ chemotherapy sessions

Technology Driving Efficiency, Safety & Sustainability



Oil & Gas: Central Polymer Facility



- World's largest Enhanced Oil Recovery polymer flood project in Mangala Field
- "New age" technology of High Density Multi Stage Fracturing in horizontal transverse wells – first in India

Zinc India: Autonomous Load Haul Dump (LHD) Machine



- Use of Technology for safety and improved productivity
 - Autonomous machines for 24x7 mining at SK mine
 - Remote controlled LHD for ore hauling

Zinc International: Collision Awareness System



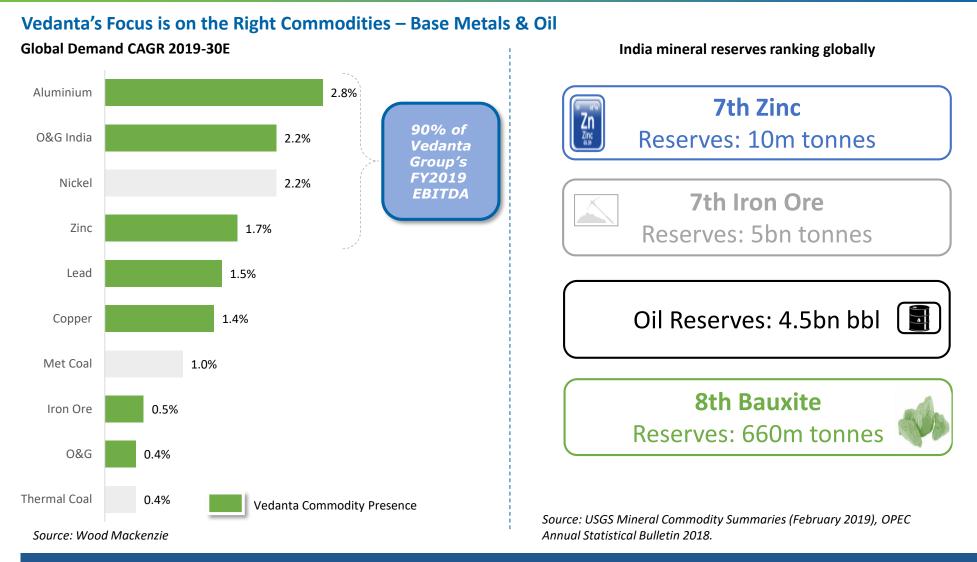
- · Safety: State of the art Collision Awareness system for vehicle and individuals
- "Smart Ore" a digital concept providing end to end solution of mine performance and mine condition

Aluminium: Improving productivity



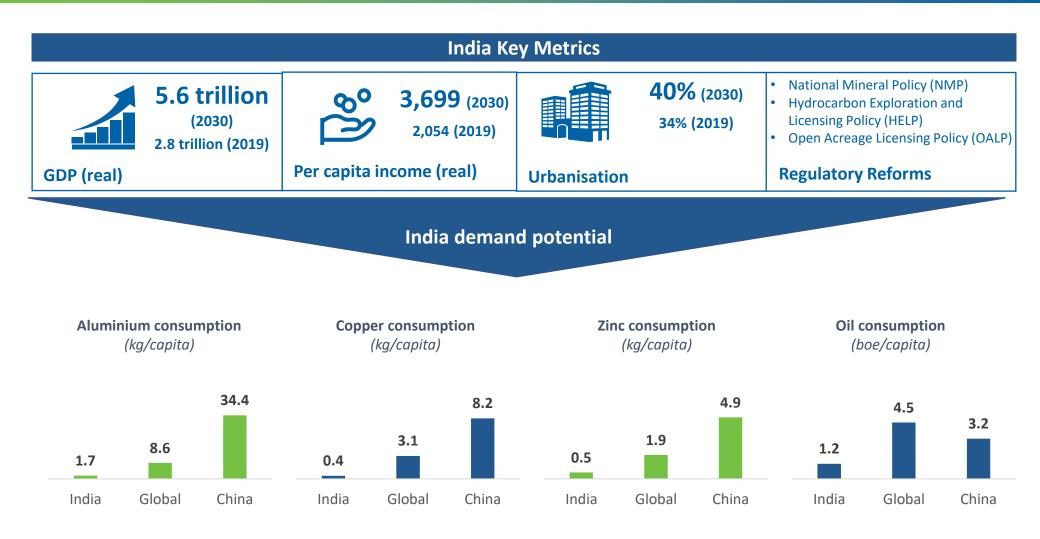
- Parameters defined for Category "A" pots based on power consumption, Fe content
- Increase in Category A pots from 74% in FY2018 to 84% in FY2019 through process efficiency and stabilization measures





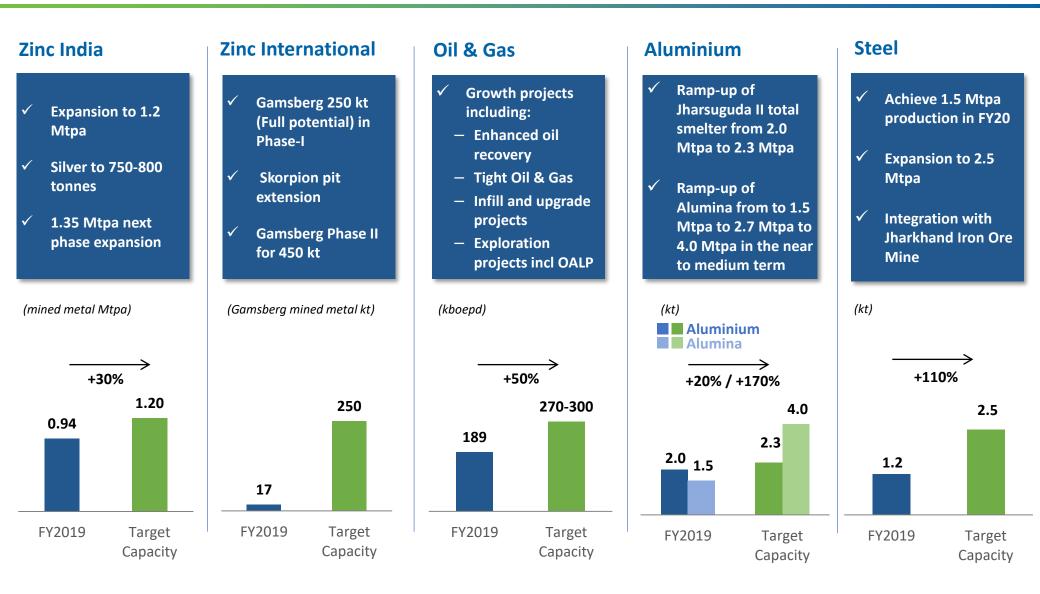
Significant Presence in Commodities with Leading Global Demand Growth





Source: Wood Mackenzie, IMF, IHS Markit, BMI, BP Energy Outlook 2019 Note: All commodities demand correspond to primary demand











VEDANTA LIMITED INVESTOR PRESENTATION FY2019

Financial Update

Arun Kumar

Chief Financial Officer





EBITDA	FCF post capex	ND/EBITDA	Net Debt
₹ 24,012 cr	₹11,553 cr	1.1x	₹ 26,956 cr
Down 4% y-o-y	Up 47% у-о-у	Lowest among Indian peers	Higher 23% y-o-y

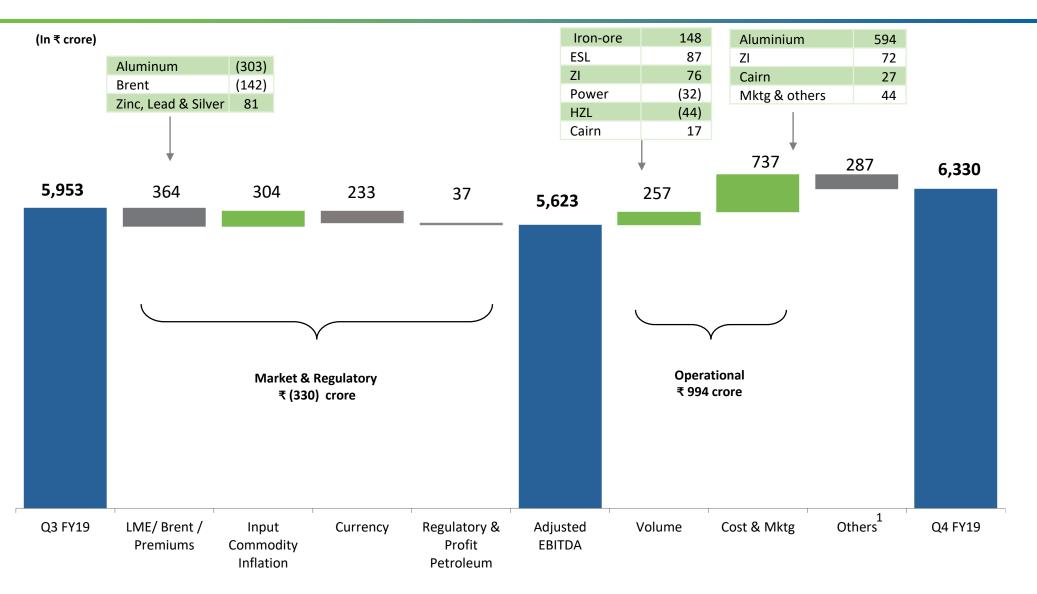
EBITDA Margin*	Contribution to Exchequer	ROCE [^]	Dividend Yield
30%	~₹ 42,400 cr	c. 13%	8.6%
Industry leading margin	Highest till date	Industry leading return	Best amongst Nifty

* Excludes custom smelting at Copper India and Zinc-India operations

^ ROCE is calculated as EBIT net of tax outflow divided by average capital employed

EBITDA Bridge (Q3 FY2019 vs. Q4 FY2019)

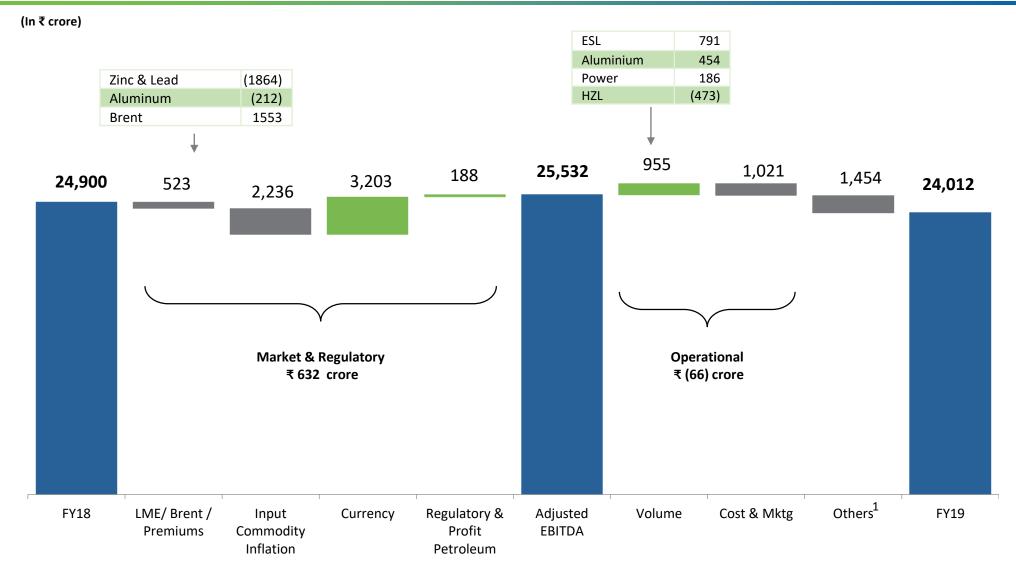




Note 1. Others mainly include impact of write back of liability pursuant to settlement agreement with a contractor at Balco in Q3 FY 2019.

EBITDA Bridge (FY2018 vs. FY2019)

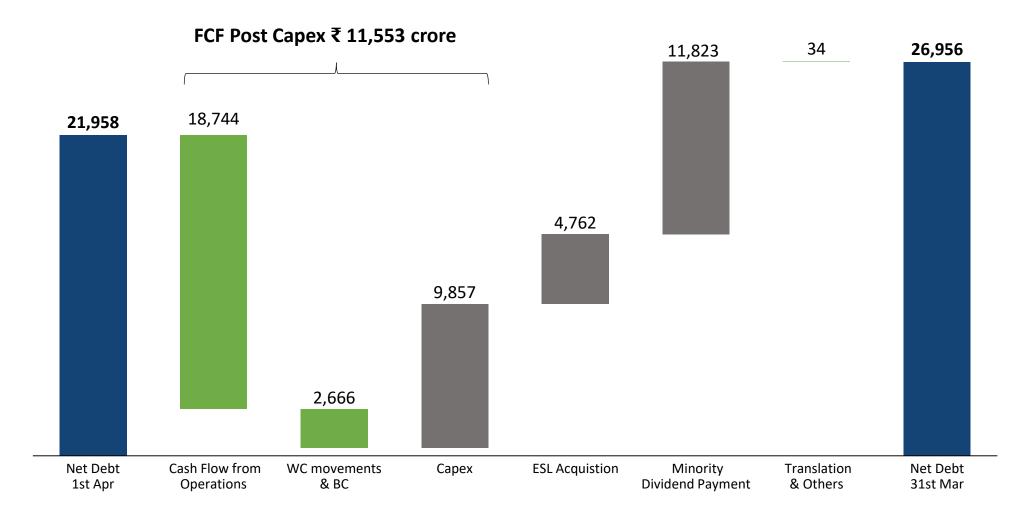




Note 1. Others mainly include impact of shutdown of Tuticorin Smelter.



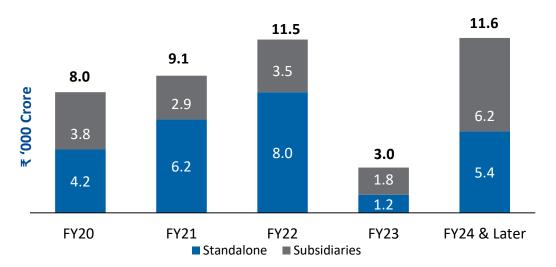
(In ₹ crore)



Strong Financial and Returns Profile



Term Debt Maturities - ₹ 43,249 Crore (\$6.3 bn) (as of 31 Mar 2019)



Liquidity

0.9

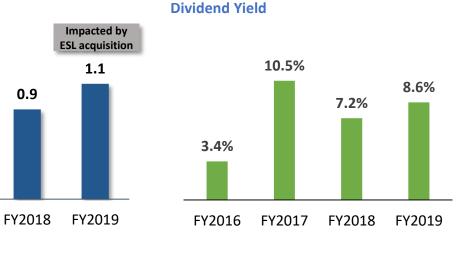
- Cash and investments @ ₹ 39,269 cr

rated Tier I by CRISIL;

- Undrawn line of credit ₹ c. 6,400 crore
- **Net Interest** Reducing q-o-q
 - Interest Income Returns ~7%.
 - **Interest Expense** Maintained ~8%
- Average term debt maturity maintained above 3 years



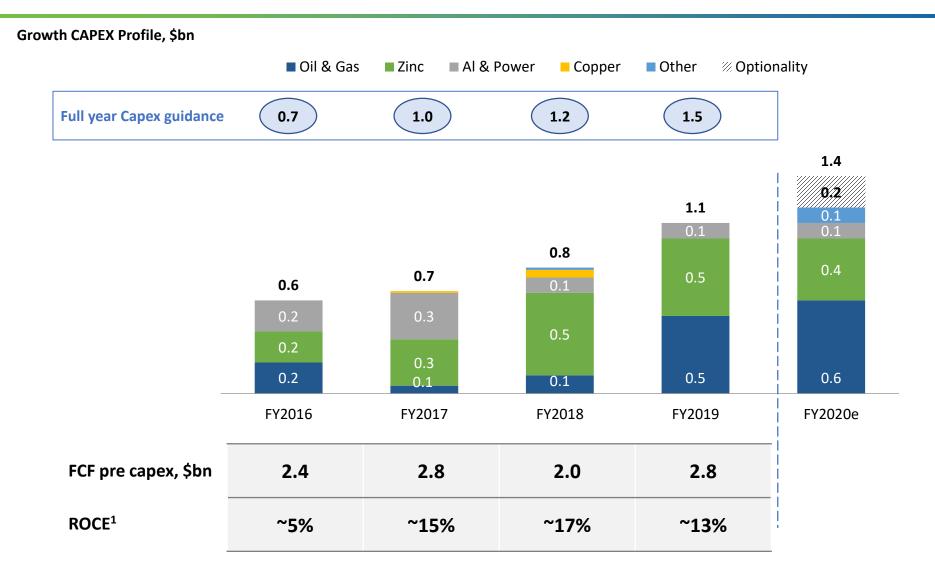
Net Debt / EBITDA



Average Term Debt Maturity (years)

Self funded Capex Delivering Superior Returns





1. ROCE is calculated as EBIT net of tax outflow divided by average capital employed.



Business Update

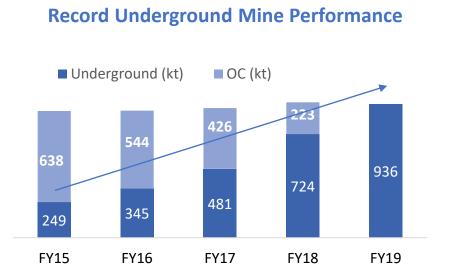
Venkat

HTA LIMITE

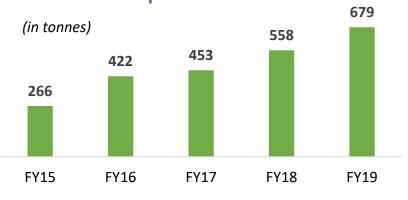
INVESTOR

Chief Executive Officer





Ranked 9th in the elite club of silver producers

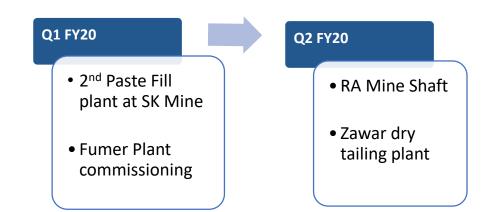


FY2019

Record production of

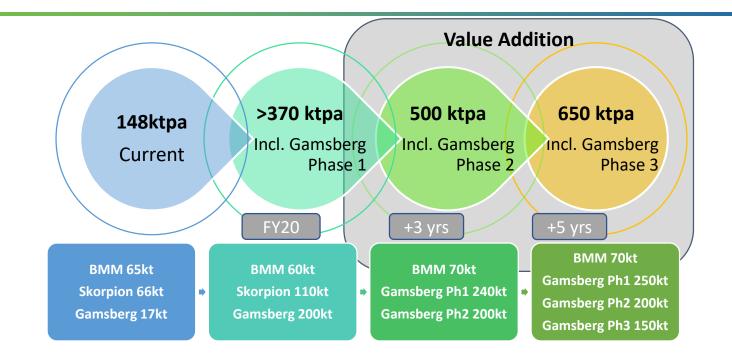
- Mined metal from UG mines, up 29% y-o-y
- Silver at 679 tonnes, up 22% y-o-y
- Lead metal at 198kt, up 18% y-o-y
- Zinc COP ex royalty at \$1,008/t
- Commissioned Various Projects in Q4 SK Mine shaft,
 Zawar 2 Mtpa Mill, Rampura Agucha 2nd Paste fill Plant





Zinc International: Growth Plan for > 500ktpa Zinc Production





Skorpion & Black Mountain

- Plan to increase production by ramping up Pit 112
- FY2019:
 - Skorpion: Production of 66kt
 - BMM: Production of 65kt
 - CoP (BMM + Skorpion) at \$1,937/t

Gamsberg

Gamsberg in operation and full ramp up by H1 FY20

- Project completed within target capex of \$400 mn
- Commercial Production achieved in March'19
- Successful ore blending to deliver quality product
- Production of 17kt* in FY19 at a CoP of \$1,474/t

* Including trail run production of 9.6kt



10 Year PSC Extension

Approval for Rajasthan & Ravva PSC Extension as per Gol policy, subject to certain conditions

\$ 3.2bn Gross Capex

Growth Capex driven through Integrated Partnership model with global oil field service companies

11 Developmental Rigs

99 wells drilled and 33 hooked up

90 mmscfd

RDG early gas production facility commissioned, ramp up commenced

41 OALP Blocks

Global tender issued inviting bids for end-to-end integrated contracts

2 New Onshore Block

Hazarigaon in Assam and Kaza in KG block contract signed under Discovered Small Fields (DSF) Bid Round II in March 2019

Exploration

41 OALP Blocks Rajasthan KG Offshore Ravva

Appraisal

Rajasthan Tight Oil

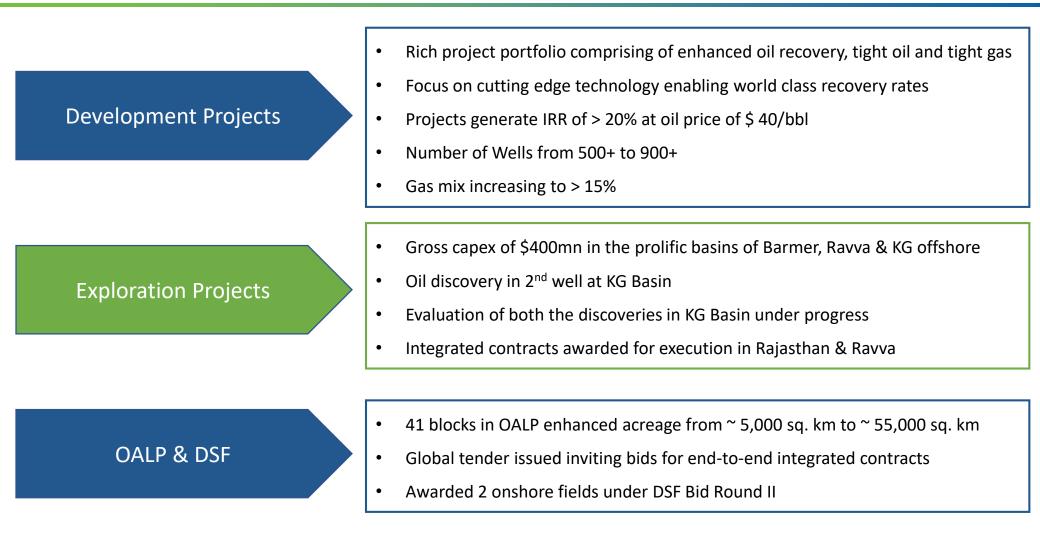
Development

MBA ASP Tight Oil – ABH Tight Gas – RDG B&A Polymer Satellite Field Development Ravva 2 DSF Fields

Production

Mangala Infill Liquid handling upgrade

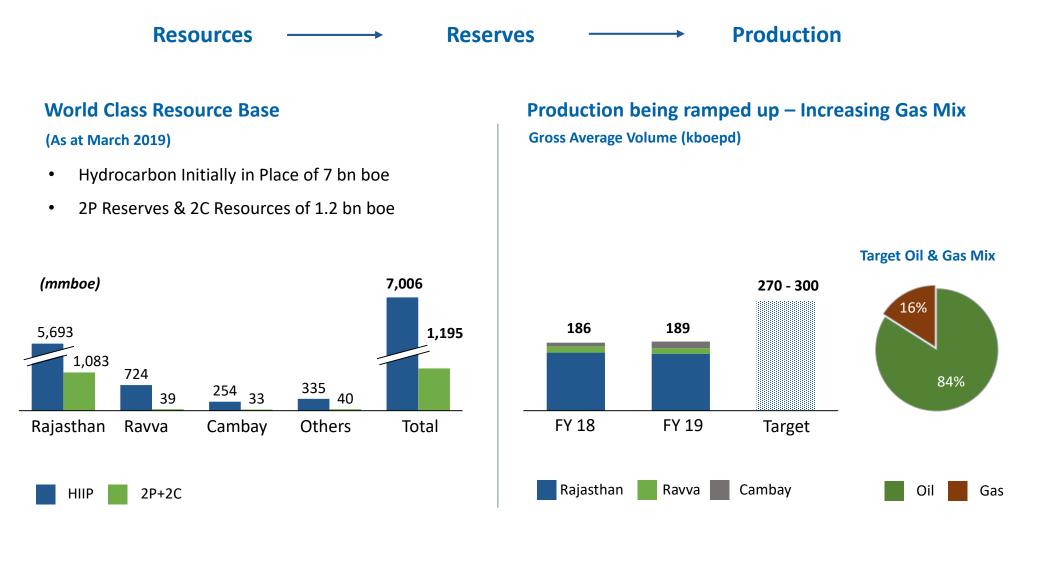




Increased activity levels with disciplined low cost operating model leading to higher reserves and production

Oil & Gas: Solidifying Long-Standing Reputation of Adopting Cutting Technology to foster world class recovery rates





Aluminium: Significant progress on Strategic levers

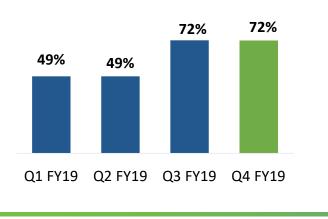




FY2019

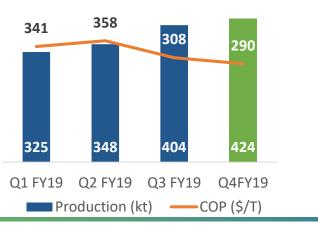
- Structural Reduction in Aluminium Cost
- Achieved Alumina Peak run rate of 1.8 Mtpa during the year
- Increased Local Bauxite supply met 30% of requirement
- Ramped Up Lanjigarh volume and local Bauxite reduced Alumina cost

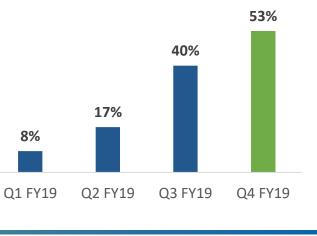
Coal Secured %



Alumina Production & COP

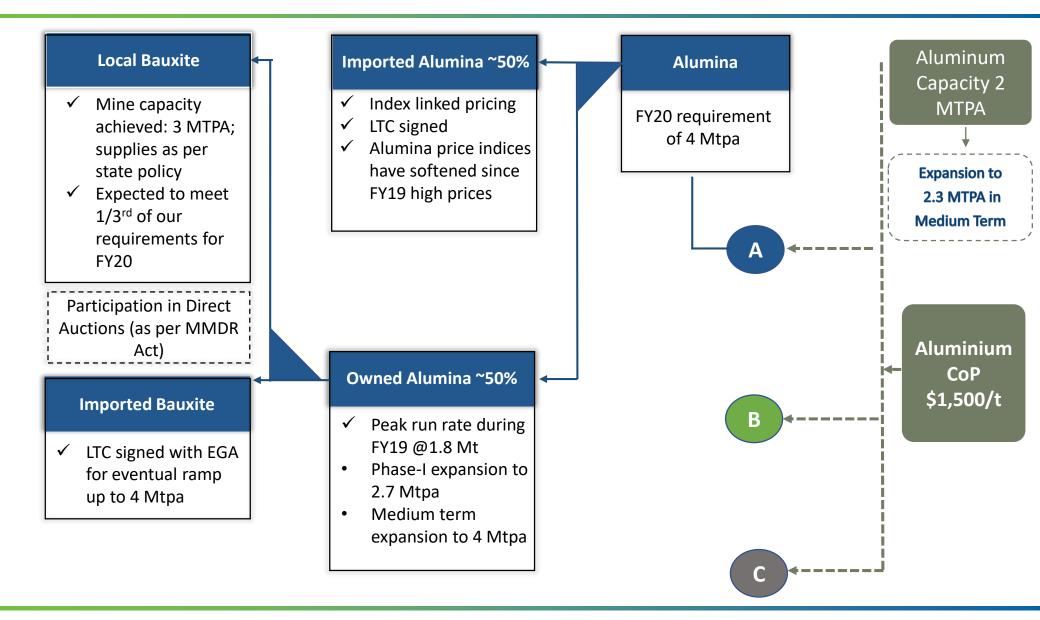
Local Bauxite Sourcing





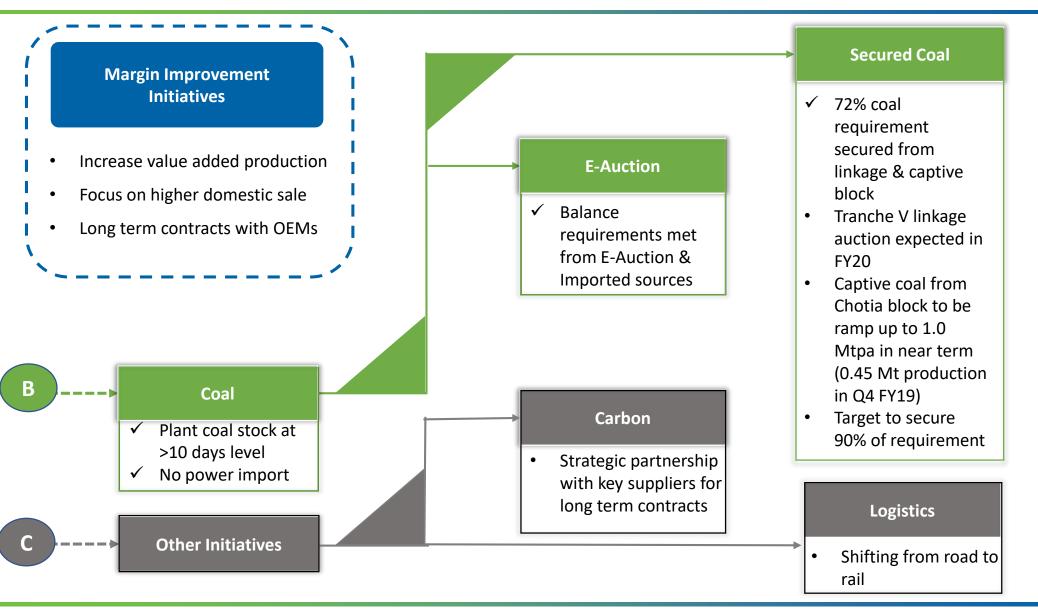
Aluminium – Moving towards Structural Cost Reduction





Aluminium – Moving towards Structural Cost Reduction (cont.)





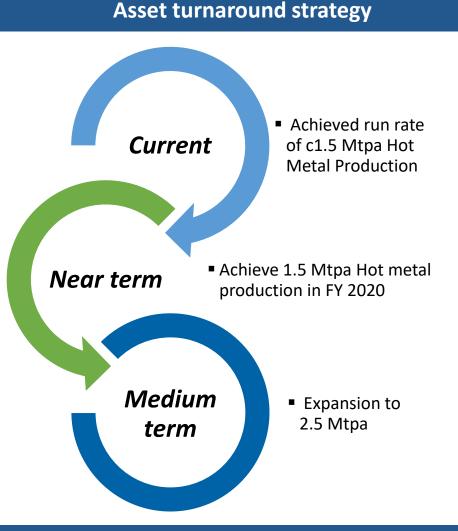


FY2019

- Record production of 1,199kt; up 17% y-o-y
- Ever highest sales of 1,185kt; up 15% y-o-y
- Industry leading margin at \$115/t up 116% y-o-y
- VAP sale at 85%, up 8% y-o-y

Growth Plan

- Ramp up to design capacity of 2.5 Mtpa
- Diversified product mix wire rod, rebar, DI pipe, billet, pig iron
- Integration with Jharkhand Iron ore mines



Turnaround Performance through focused cost control, operational and commercial excellence



Large Diversified Asset Base with an Attractive Commodity Mix



Ideally Positioned to Capitalise on Favourable Geographic Presence



Well-Invested Assets Driving Cash Flow Growth

Operational Excellence and Technology Driving Efficiency and Sustainability



Strong Financial Profile



Proven Track Record



Appendix



FY 2020 Guidance



Segment	FY20 Production	FY20 CoP
Zinc India	Mined Metal and Finished Metal: c 1.0 Mtpa Silver: 750 - 800 tonnes	< \$1,000/t excluding royalty
Zinc International	Skorpion and BMM: >170kt Gamsberg: 180 - 200kt	ZI COP (excl Gamsberg) : \$1,400/t Gamsberg: c \$1,000/t
Oil & Gas	Gross Volume: 200-220 kboepd	Opex: ~ \$7.5/boe
Aluminium	Alumina: 1.7-1.8 Mtpa Aluminium: 1.9 – 1.95 Mtpa	COP*: \$ 1,725 – 1,775/t
Power	TSPL plant availability: >80%	
Iron Ore	Karnataka (WMT): 4.5 Mtpa Goa: To be updated on re-start of operations	
ESL	Hot Metal – c 1.5 Mtpa	Margin: \$130 - \$140/t
Copper - India	To be updated on re-start of operations	

*Hot Metal COP



Depreciation & Amortization

- Higher FY vs FY on account of non cash impairment reversal and change in reserve estimates in Q4 FY 2018 at Oil and Gas business, higher ore production at Zinc businesses and acquisition of ESL.
- Higher in Q4 FY19 due to change in reserve estimates at Oil and Gas business in Q4 FY 2018.

Finance Cost

 Higher in FY19 and Q4 due to borrowing for ESL Acquisition, temporary borrowing at Zinc India, higher interest rates in line with market trends offset by higher interest capitalisation.

Investment income

 Higher in FY19 and Q4 primarily on account of MTM gains on treasury investment made by overseas subsidiary.

Taxes

• FY 19 tax rate of 28% (before exceptional & DDT) , in line with earlier guidance.

In ₹ Crore	FY'19	FY'18	Q4 FY'19	Q4 FY'18
Revenue from operations	90,901	92,011	23,092	27,311
Other operating income	1,147	912	376	319
EBITDA	24,012	24,900	6,330	7,767
Depreciation & amortization	(8,192)	(6,283)	(2,258)	(1,683)
Finance Cost	(5,689)	(5,112)	(1,401)	(1,205)
Investment Income	3,618	3,205	1,599	917
Exchange gain/(loss)	(509)	(38)	(166)	(73)
Exceptional items - credit/(expense)	320	2,897	-	2,869
Taxes	(3,750)	(5,339)	(886)	(2,403)
Taxes – DDT	-	1,536	-	1,536
Taxes on exceptional items	(112)	(2,074)	-	(2 <i>,</i> 050)
Profit After Taxes (before exceptional items and DDT)	9,490	11,333	3,218	3,320
Profit After Taxes (before exceptional items)	9,490	12,869	3,218	4,856
Profit After Taxes	9,698	13,692	3,218	5,675
Attributable profit (before exceptional items and DDT)	6,857	8,025	2,615	2,420
Attributable profit (before exceptional items)	6,857	9,561	2,615	3,956
Attributable PAT	7,065	10,342	2,615	4,802
Minorities % (before exceptional items and DDT)	28%	30%	19%	26%

Note: Previous period figures have been regrouped or re-arranged wherever necessary to conform to the current period's presentation

Project Capex



Capex in Progress	Status	Capex ³ (\$mn)	Spent up to 31 Mar'18 ⁴	Spent in FY2018⁴	Unspent as at 31 Mar'19 ⁵
Cairn India ¹ – Mangala Infill, Liquid handling, Bhagyam & Aishwariya EOR, Tight Oil & Gas etc		2,481	183	469	1,829
Aluminium Sector					
Jharsuguda 1.25mtpa smelter	Line 3: Fully capitalised Line 4: Fully Capitalised Line 5: Six Section capitalised	2,920	2,846	69	5
Zinc India					
1.2mtpa mine expansion	Phase-wise by FY2020	2,076	1,265	304	507
Others		218	64	60	94
Zinc International					
Gamsberg Mining Project ²	Completed Capitalisation	400	241	123	36
Copper India					
Tuticorin Smelter 400ktpa	Project is under Force Majeure	717	189	9	519
Avanstrate					
Furnace Expansion and Cold Repair	Completed	48	3	38	7
Capex Flexibility					
Metals and Mining					
Lanjigarh Refinery (Phase II) – 5mtpa	Under evaluation	1,570	836	21	713
Zinc India (1.2 Mtpa to 1.35mtpa mine expansion)	Subject to Board approval	698	-	1	697
Skorpion Refinery Conversion	Currently deferred till Pit 112 extension	156	14	-	142

Capex approved for Cairn represents Net capex, however Gross capex is \$3.2 bn.
 Capex approved for Gamsberg \$400 mn excludes interest during construction.
 Is based on exchange rate at the time of approval.
 Is based on exchange rate at the time of incurrence
 Unspent capex represents the difference between total capex approved and cumulative spend as on 31st March 2019.



	31 Mar 2019 (₹ Crore)			31 Mar 2018 (₹ Crore)		
Company	Debt	Cash & Ll	Net Debt	Debt Cash & LI		Net Debt
Vedanta Limited Standalone	42,204	8,269	33,935	40,713	7,132	33,581
Cairn India Holdings Limited ¹	2,624	8,326	(5,702)	2,773	5,653	(2,880)
Zinc India	2,538	19,512	(16,974)	-	22,189	(22,189)
Zinc International	415	926	(511)	-	625	(625)
BALCO	4,416	436	3,980	4,915	60	4,855
Talwandi Sabo	8,665	262	8,403	8,651	23	8,628
Vedanta Star Limited ²	3,375	31	3,344	-	-	-
Others ³	1,988	1,507	481	1,107	519	588
Vedanta Limited Consolidated	66,225	39,269	26,956	58,159	36,201	21,958

Notes: Debt numbers are at Book Value and excludes inter-company eliminations.

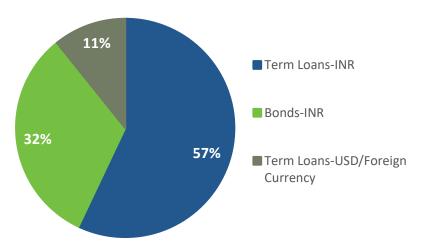
1. Cairn India Holdings Limited is a wholly owned subsidiary of Vedanta Limited which holds 50% of the share in the RJ Block

2. Vedanta Star limited, 100% subsidiary of VEDL which owns 90% stake in ESL

3. Others includes MALCO Energy, CMT, VGCB, Electrosteel, Fujairah Gold, Vedanta Limited's investment companies and ASI.



Diversified Funding Sources for Term Debt of \$6.3bn (as of 31st Mar 2019)



• Term debt of \$3.6bn at Standalone and \$2.6bn at Subsidiaries, total consolidated \$6.3bn

Debt Breakdown

(as of 31 Mar 2019)

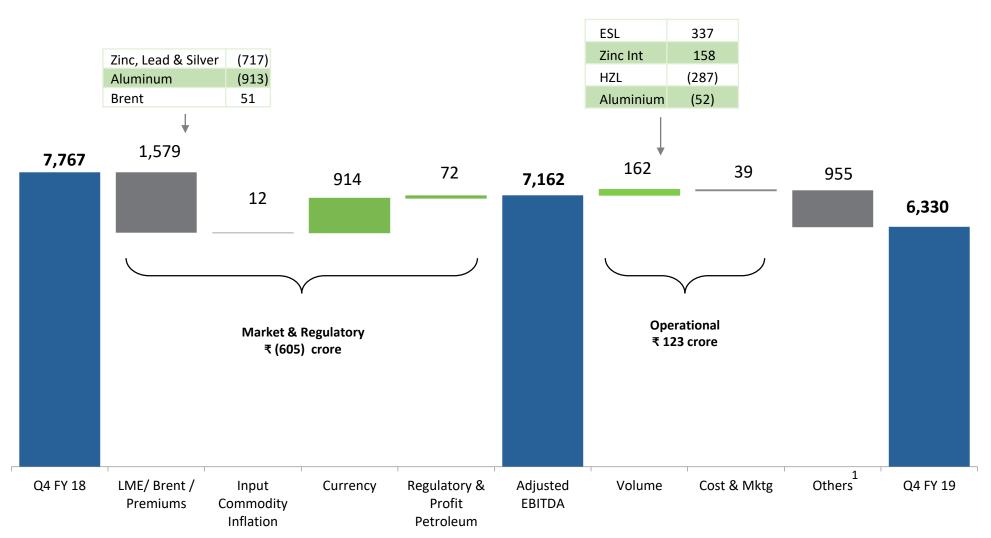
Debt breakdown as of 31 March 2019	(in \$bn)	(₹ in 000′ Cr)
Term debt	6.3	43.2
Working capital	0.6	3.9
Short term borrowing	2.8	19.1
Total consolidated debt	9.6	66.2
Cash and Liquid Investments	5.7	39.3
Net Debt	3.9	27.0
Debt breakup (\$9.6bn)		
- INR Debt	9	2%
- USD / Foreign Currency Debt	;	8%

Note: USD–INR: ₹ 69.1713 at 31 Mar 2019

EBITDA Bridge (Q4 FY 2019 vs. Q4 FY 2018)



(In ₹ crore)



Note 1. Others mainly include impact of shutdown of Tuticorin smelter and pot relining accounting change in Q4 FY2018.

Segment Summary – Zinc India



Production (in 2000 tennos, or as stated)		Q4		Q3		Full year	
Production (in '000 tonnes, or as stated)	FY 2019	FY 2018	% change YoY	FY2019	FY 2019	FY 2018	% change YoY
Mined metal content	245	255	(4%)	247	936	947	(1%)
Underground mines	245	197	24%	247	936	724	29%
Open cast mines	-	57	-	-	-	223	-
Integrated metal							
Refined Zinc – Integrated	175	206	(15%)	188	696	791	(12%)
Refined Lead – Integrated ¹	53	50	6%	54	198	168	18%
Refined Saleable Silver - Integrated (in tonnes) ²	191	170	13%	178	679	558	22%
Financials (In ₹ crore, except as stated)							
Revenue	5,354	6,151	(13%)	5,467	20,656	22,050	(6%)
EBITDA	2,777	3,622	(23%)	2,839	10,600	12,254	(13%)
Zinc CoP without Royalty (₹ /MT)	69,600	59,600	17%	71,900	70,400	63,600	11%
Zinc CoP without Royalty (\$/MT)	987	925	7%	997	1,008	976	3%
Zinc CoP with Royalty (\$/MT)	1,373	1,373	-	1,332	1,381	1,365	1%
Zinc LME Price (\$/MT)	2,702	3,421	(21%)	2,631	2,743	3,057	(10%)
Lead LME Price (\$/MT)	2,036	2,523	(19%)	1,964	2,121	2,379	(11%)
Silver LBMA Price (\$/oz)	15.6	16.8	(7%)	14.5	15.4	16.9	(9%)

1. Excludes captive consumption of 1,403 tonnes in Q4 FY 2019 vs 1,570 tonnes in Q4 FY 2018 & 1,554 tonnes in Q3 FY 2019. For FY2019 it was 6,534 MT as compared to 6,946 MT in FY2018

2. Excludes captive consumption of 7.5MT in Q4 FY 2019 and 8.2 MT in Q4 FY 2018 & 8.1 MT in Q3 FY 2019. For FY2019 it was 34.2 MT as compared with 36.4 MT in FY2018

Segment Summary – Zinc International



Draduction (in/000 towned or restated)		Q4		Q3		Full year	
Production (in'000 tonnes, or as stated)	FY 2019	FY 2018	% change YoY	FY2019	FY 2019	FY 2018	% change YoY
Refined Zinc – Skorpion	21	22	(5%)	20	66	84	(22%)
Mined metal content- BMM	19	13	41%	18	65	72	(10%)
Mined metal content- Gamsberg*	14	-	-	3	17	-	-
Total	54	35	53%	41	148	157	(5%)
Financials (In ₹ Crore, except as stated)							
Revenue	1,002	822	22%	622	2,738	3,446	(21%)
EBITDA	391	259	51%	206	698	1,415	(51%)
CoP – (\$/MT)	1,488	1,976	(25%)	1,757	1,912	1,603	19%
Zinc LME Price (\$/MT)	2,702	3,421	(21%)	2,631	2,743	3,057	(10%)
Lead LME Price (\$/MT)	2,036	2,523	(19%)	1,964	2,121	2,379	(11%)

* Including trial run production of 6.6 kt in Q4 FY 19, 3.0 kt in Q3 FY 19 and 9.6 kt in FY 19.

Segment Summary – Oil & Gas



		Q4		Q3		Full year	
OIL AND GAS (boepd)	FY 2019	FY 2018	% change YoY	FY2019	FY 2019	FY 2018	% change YoY
Average Daily Gross Operated Production (boepd)	187,063	190,172	(2%)	187,191	188,784	185,587	2%
Rajasthan	152,825	162,357	(6%)	151,574	155,903	157,983	(1%)
Ravva	15,067	16,271	(7%)	16,775	14,890	17,195	(13%)
Cambay	19,170	11,543	66%	18,842	17,991	10,408	73%
Average Daily Working Interest Production (boepd)	118,135	121,929	(3%)	117,521	119,798	118,620	1%
Rajasthan	106,978	113,650	(6%)	106,102	109,132	110,588	(1%)
Ravva	3,390	3,661	(7%)	3,774	3,350	3,869	(13%)
Cambay	7,668	4,617	66%	7,537	7,196	4,163	73%
KG-ONN 2003/1	99	-	-	108	119	-	-
Total Oil and Gas (million boe)							
Oil & Gas- Gross operated	16.8	17.1	(2%)	17.2	68.9	67.7	2%
Oil & Gas-Working Interest	10.6	11.0	(3%)	10.8	43.7	43.3	1%
Financials (In ₹ crore, except as stated)							
Revenue	3,175	2,749	15%	3,350	13,223	9,536	39%
EBITDA	1,805	1,509	20%	1,973	7,656	5,429	41%
Average Oil Price Realization (\$ / bbl)	62.1	59.0	5%	65.1	66.0	50.7	30%
Brent Price (\$/bbl)	63.1	66.8	(6%)	68.8	70.4	57.5	22%

Segment Summary – Oil & Gas



		Q4		Q3		Full year	
OIL AND GAS (boepd)	FY 2019	FY 2018	% change YoY	FY2019	FY 2019	FY 2018	% change YoY
Average Daily Production							
Gross operated	187,063	190,172	(2%)	187,191	188,784	185,587	2%
Oil	172,859	181,612	(5%)	176,997	178,207	177,678	-
Gas (Mmscfd)	85	51	66%	61	64	47	34%
Non operated- Working interest	99	-	-	108	119	-	-
Working Interest	118,135	121,929	(3%)	117,521	119,798	118,620	1%
Rajasthan (Block RJ-ON-90/1)							
Gross operated	152,825	162,357	(6%)	151,574	155,903	157,983	(1%)
Oil	143,975	157,592	(9%)	146,534	149,964	154,307	(3%)
Gas (Mmscfd)	53	29	86%	30	36	22	61%
Gross DA 1	134,310	145,338	(8%)	131,473	137,076	141,385	(3%)
Gross DA 2	18,171	16,773	8%	19,598	18,342	16,450	12%
Gross DA 3	345	246	40%	503	485	149	-
Working Interest	106,978	113,650	(6%)	106,102	109,132	110,588	(1%)
Ravva (Block PKGM-1)							
Gross operated	15,067	16,271	(7%)	16,775	14,890	17,195	(13%)
Oil	12,202	14,081	(13%)	13,881	12,443	14,795	(16%)
Gas (Mmscfd)	17	13	31%	17	15	14	2%
Working Interest	3,390	3,661	(7%)	3,774	3,350	3,869	(13%)
Cambay (Block CB/OS-2)							
Gross operated	19,170	11,543	66%	18,842	17,991	10,408	73%
Oil	16,682	9,939	68%	16,581	15,800	8,576	84%
Gas (Mmscfd)	15	10	55%	14	13	11	20%
Working Interest	7,668	4,617	66%	7,537	7,196	4,163	73%
Average Price Realization							
Cairn Total (US\$/boe)	61.2	58.8	4%	64.6	65.3	50.5	29%
Oil (US\$/bbl)	62.1	59.0	5%	65.1	66.0	50.7	30%
Gas (US\$/mscf)	7.9	8.7	(9%)	8.7	8.5	7.4	14%

Segment Summary – Aluminium



Dentionland (in/000 to an an an at the 1)		Q4		Q3		Full year	
Particulars (in'000 tonnes, or as stated)	FY 2019	FY 2018	% change YoY	FY2019	FY 2019	FY 2018	% change YoY
Alumina – Lanjigarh	424	351	21%	404	1,501	1,209	24%
Total Aluminum Production	481	477	1%	502	1,959	1,675	17%
Jharsuguda-I	135	132	2%	137	545	440	24%
Jharsuguda-II ¹	203	202	-	221	843	666	27%
245kt Korba-I	66	66	1%	66	260	259	-
325kt Korba-II ²	77	77	1%	79	311	310	-
Financials (In ₹ crore, except as stated)							
Revenue	6,547	7,076	(7%)	7,605	29,229	23,156	26%
EBITDA – BALCO	132	301	(56%)	356	957	761	26%
EBITDA – Vedanta Aluminium	265	933	(72%)	(94)	1,245	1,893	(34%)
EBITDA Aluminum Segment	397	1,234	(68%)	262	2,202	2,654	(17%)
Alumina CoP – Lanjigarh (\$/MT)	290	326	(11%)	308	322	326	(1%)
Alumina CoP – Lanjigarh (₹ /MT)	20,400	20,900	(2%)	22,200	22,500	21,000	7%
Aluminium CoP – (\$/MT)	1,776	1,970	(10%)	2,025	1,940	1,887	3%
Aluminium CoP – (₹ /MT)	125,200	126,600	(1%)	146,000	135,600	121,600	12%
Aluminum CoP – Jharsuguda (\$/MT)	1,771	1,955	(9%)	2,015	1,938	1,867	4%
Aluminium CoP – Jharsuguda(₹ /MT)	124,900	125,700	(1%)	145,300	135,500	120,300	13%
Aluminum CoP – BALCO (\$/MT)	1,789	2,005	(11%)	2,045	1,945	1,923	1%
Aluminium CoP – BALCO (₹ /MT)	126,100	128,900	(2%)	147,500	135,900	123,900	10%
Aluminum LME Price (\$/MT)	1,859	2,159	(14%)	1,971	2,035	2,046	(1%)

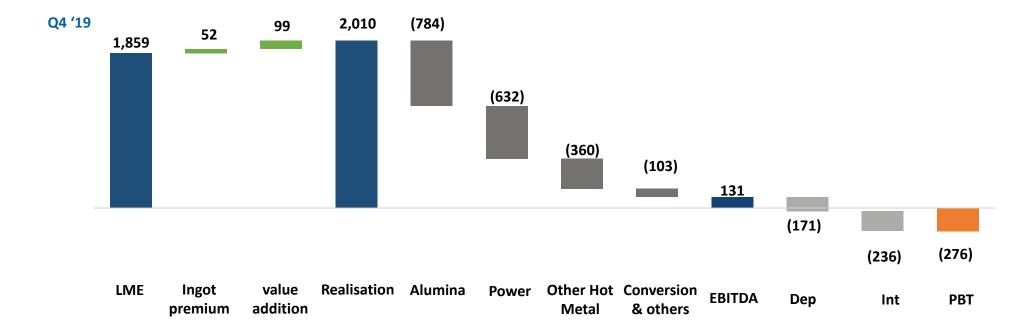
1. Including trial run production of 13.5 kt in Q4 FY2019 and 9.8 kt in Q4 FY2018 and 14.0 kt in Q3 FY2019. For FY 2019 Trial run production was 60.5 kt vs 61.8 kt in FY2018

2. Including trial run production of NIL in Q4 FY 2019 and NIL tonnes in Q4 FY2018 and NIL tonnes in Q3 FY2019. For FY 2019 Trial run production was NIL vs 16.1 kt in FY2018

Aluminium profitability







Operating costs

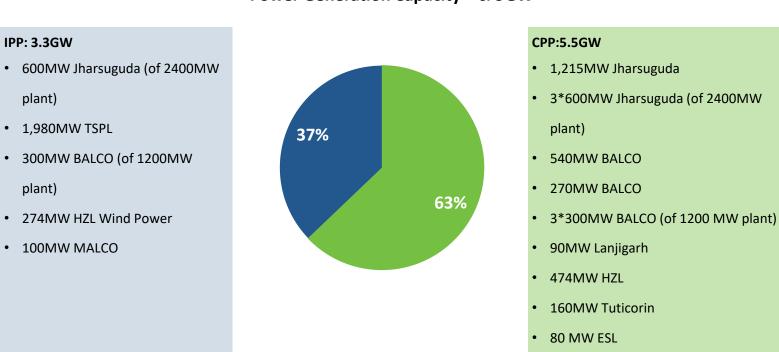
Segment Summary – Power



Deuticulous (in million unite)		Q4		Q3		Full year	
Particulars (in million units)	FY 2019	FY 2018	% change YoY	FY2019	FY 2019	FY 2018	% change YoY
Total Power Sales	3,520	3,109	13%	3,165	13,517	11,041	22%
Jharsuguda 600 MW	615	404	52%	136	1,039	1,172	(11%)
BALCO 600 MW	593	388	53%	438	2,168	1,536	41%
HZL Wind Power	77	58	33%	48	449	414	9%
MALCO	-	-	-	-	-	4	-
TSPL	2,235	2,258	(1%)	2,543	9,858	7,915	25%
Financials (in ₹ crore except as stated)							
Revenue	1,593	1,764	(10%)	1,623	6,524	5,652	15%
EBITDA	360	594	(39%)	364	1,527	1,665	(8%)
Average Cost of Generation(₹ /unit) ex. TSPL	3.10	2.73	14%	2.92	2.90	2.33	24%
Average Realization (₹ /unit) ex. TSPL	3.09	3.01	3%	3.58	3.38	2.88	17%
TSPL PAF (%)	85%	93%	-	81%	88%	74%	-
TSPL Average Realization (₹ /unit)	3.96	3.43	15%	4.19	4.09	3.52	16%
TSPL Cost of Generation (₹ /unit)	2.90	2.33	24%	3.18	3.08	2.54	21%

Segment Summary – Power (contd.)





Power Generation Capacity - c. 9GW

Note: MALCO 100MW (IPP) is under care and maintenance since 26th May 2017

BALCO 300 MW: rreceived an order dated January 1, 2019 from CSERC for Conversion of 300 MW IPP to CPP. During Q4 FY2019, 184 units were sold externally from this plant.

Segment Summary – Iron Ore



Particulars (in million dry metric tonnes, or		Q4		Q3		Full year	
as stated)	FY 2019	FY 2018	% change YoY	FY2019	FY 2019	FY 2018	% change YoY
Sales	1.4	2.7	(49%)	0.7	3.8	7.6	(49%)
Goa	0.0	2.4	-	0.1	1.3	5.4	(77%)
Karnataka	1.4	0.3	-	0.6	2.6	2.2	19%
Production of Saleable Ore	0.9	1.7	(47%)	0.7	4.4	7.1	(38%)
Goa	-	1.5	-	-	0.2	4.9	(95%)
Karnataka	0.9	0.1	-	0.7	4.1	2.2	89%
Production ('000 tonnes)							
Pig Iron	184	182	1%	163	686	646	6%
Financials (In ₹ crore, except as stated)							
Revenue	853	1,067	(20%)	658	2,911	3,162	(8%)
EBITDA	240	178	35%	101	584	400	46%

Segment Summary – Steel*

Particulars (in million dry metric tonnes, or		Q4		Q3		Full year	
as stated)	FY 2019	FY 2018	% change YoY	FY2019	FY 2019	FY 2018	% change YoY
Total Production	347	301	15%	325	1,199	1,025	17%
Pig Iron	35	33	6%	47	142	179	(21%)
Billet	9	9	(7%)	24	39	50	(21%)
TMT Bar	134	99	36%	111	441	300	47%
Wire Rod	116	112	3%	103	427	365	17%
Ductile Iron Pipes	53	47	12%	40	150	130	15%
Financials (In ₹ crore, except as stated)							
Revenue	1,581	1,158	36%	1,198	4,909	3,594	37%
EBITDA	337	164	-	249	970	353	-
Margin (\$/t)	122	103	18%	120	115	53	-

* Vedanta acquired steel on 4th June 2018, Previous period numbers are memorandum information for the purpose of performance evaluation of the Company.

Segment Summary – Copper India



Duraduation (in 1000 townson ou an stated)		Q4		Q3	Full year			
Production (<i>in '000 tonnes, or as stated</i>)	FY 2019	FY 2018	% change YoY	FY 2019	FY 2019	FY 2018	% change YoY	
Copper - Cathodes	26	106	(75%)	23	90	403	(78%)	
Tuticorin power sales (million units)	-	2	-	-	-	39	-	
Financials (In ₹ crore, except as stated)								
Revenue	2,803	7,508	(63%)	2,763	10,739	24,951	(57%)	
EBITDA	(69)	347	-	(75)	(235)	1,055	-	
Copper LME Price (\$/MT)	6,215	6,961	(11%)	6,172	6,337	6,451	(2%)	

Sales Summary



Sales volume	Q4 FY2019	FY 2019	Q4 FY2018	FY 2018	Q3 FY2019
Zinc-India Sales					
Refined Zinc (kt)	177	694	210	793	187
Refined Lead (kt)	52	198	50	169	54
Total Zinc-Lead (kt)	229	892	259	961	241
Silver (tonnes)	196	676	169	558	178
Zinc-International Sales					
Zinc Refined (kt)	26	66	23	85	16
Zinc Concentrate (MIC)	22	42	6	34	8
Total Zinc (Refined+Conc)	47	108	29	118	24
Lead Concentrate (MIC)	9	36	8	53	11
Total Zinc-Lead (kt)	56	144	37	171	34
Aluminium Sales					
Sales - Wire rods (kt)	106	367	115	381	90
Sales - Rolled products (kt)	9	26	8	27	6
Sales - Busbar and Billets (kt)	78	383	102	316	105
Total Value added products (kt)	192	776	224	723	200
Sales - Ingots (kt)	275	1,139	263	949	294
Total Aluminium sales (kt)	467	1,916	487	1,672	494

Sales Summary



Sales volume	Q4 FY 2019	FY2019	Q4 FY 2018	FY2018	Q3 FY2019	Sales volume Power Sales (mu)	Q4 FY 2019	FY2019	Q4 FY 2018	FY2018	Q3 FY2019
Iron-Ore Sales						Jharsuguda 600 MW	615	1,039	404	1,172	136
Goa (mn DMT)	0.0	1.3	2.4	5.4	0.1	TSPL	2,235	9,858	2,258	7,915	2,543
Karnataka (mn DMT)	1.4	2.6	0.3	2.2	0.6	BALCO 600 MW	593	2,168	388	1,536	438
Total (mn DMT)	1.4	3.8	2.7	7.6	0.7	MALCO	-	-	-	4	-
Pig Iron (kt)	191		185	645	155	HZL Wind power	77	449	58	414	48
		684				Total sales	3,520	13,517	3,109	11,041	3,165
Copper-India Sales Copper Cathodes (kt)	3	6	43	200	2	Power Realisations (INR/kWh)					
		D				Jharsuguda 600 MW	2.38	2.42	2.67	2.34	3.15
Copper Rods (kt)	28	112	64	203	31	TSPL ²					
Sulphuric Acid (kt)	-	9	138	505	-		3.96	4.09	3.43	3.52	4.19
Phosphoric Acid (kt)	-	1	45	195	-	Balco 600 MW	3.71	3.67	3.21	2.93	3.67
Total Steel Sales (kt)	392	1,185	291	1,028	290	MALCO	-	-	-	3.21	-
Pig Iron	37	142	37	185	50	HZL Wind power	4.04	4.20	4.04	4.21	3.93
Billet	15	32	5	43	3	Average Realisations ¹	3.09	3.38	3.01	2.88	3.58
TMT Bar	152	442	92	310	102	Power Costs (INR/kWh)					
Wire Rod	125	421	114	360	99	Jharsuguda 600 MW	3.63	4.28	3.46	2.82	4.68
Ductile Iron Pipes	63	148	45	129	36	TSPL ²	2.90	3.08	2.33	2.54	3.18
						Balco 600 MW	2.75	2.65	2.20	2.31	2.45
						MALCO	-	-	_	41.65	-
						HZL Wind power	1.46	0.88	1.09	0.63	2.18
1. Average excludes TSPL 2. Based on Availability						Average costs ¹	3.10	2.90	2.73	2.33	2.92



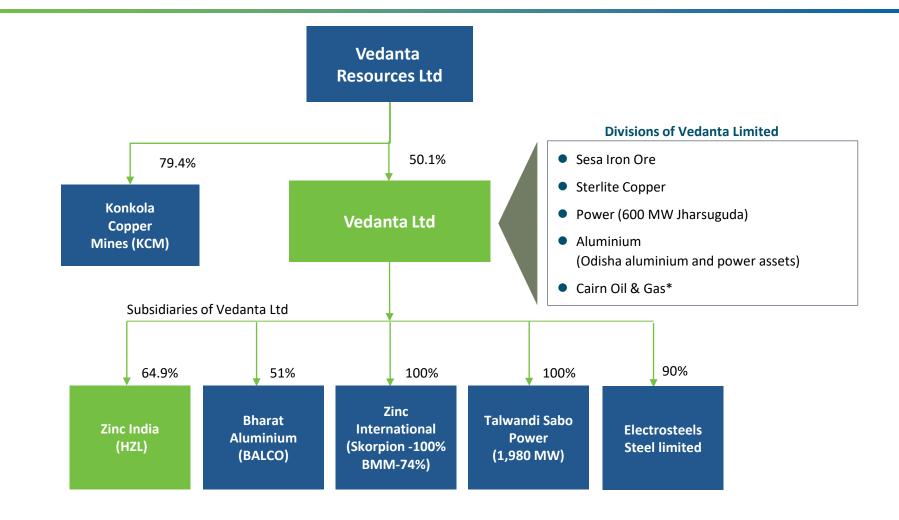
Foreign Currency - Impact of 1 Rs depreciation in FX Rate

Currency	Increase in EBITDA
INR/USD	~ INR 600 crs / year

Commodity prices – Impact of a 10% increase in Commodity Prices

Commodity	FY 2019		
	Average price	EBITDA (\$mn)	
Oil (\$/bbl)	70	119	
Zinc (\$/t)	2,743	196	
Aluminium (\$/t)	2,035	291	
Lead (\$/t)	2,121	42	
Silver (\$/oz)	15.4	35	





Note: Shareholding as on March 31, 2019 *50% of the share in the RJ Block is held by a subsidiary of Vedanta Ltd Listed entities

Unlisted entities



Event		Telephone Number
Earnings conference call on May 7, 2019	India – 6:30 PM (IST)	India: +91 7045671221 Toll free: 1800 120 1221 Universal access: +91 22 7115 8015 +91 22 6280 1114
	Singapore – 9:00 PM (Singapore Time)	Toll free number 800 101 2045
	Hong Kong – 9:00 PM (Hong Kong Time)	Toll free number 800 964 448
	UK – 2:00 PM (UK Time)	Toll free number 0 808 101 1573
	US – 9:00 AM (Eastern Time)	Toll free number 1 866 746 2133
For online registration	https://services.choruscall.in/DiamondPassRegistration/register?confirmationNum ber=86186&linkSecurityString=1f2bfd88	
Link to view Live Webcast of Earnings conference	https://services.choruscall.eu/links/vedantalimited190507.html	
Replay of Conference Call (May 7, 2019 to May 14, 2019)		Mumbai +91 22 7194 5757 Passcode: 63835#