

May 12, 2023

BSE Limited Phiroze Jeejeebhoy Towers Dalal Street, Fort Mumbai – 400 001 National Stock Exchange of India Limited "Exchange Plaza" Bandra-Kurla Complex, Bandra (East), Mumbai – 400 051

#### Scrip Code: 500295

#### Scrip Code: VEDL

#### Sub: Outcome of Board Meeting held on May 12, 2023 – Investor Presentation and Press Release

Dear Sir/Madam,

In continuation to our Letter No. VEDL/Sec./SE/23-24/22 dated May 12, 2023, declaring the Audited Consolidated and Standalone Financial Results of the Company for the Fourth Quarter and Year ended March 31, 2023 ("Financial Results"), please find enclosed herewith the following:

- 1. Press Release in respect to the Financial Results; and
- 2. Investor Presentation on the Financial Results.

The Press Release, and Investor Presentation shall also be made available on the website of the Company at <u>www.vedantalimited.com</u>.

We request you to please take the above on record.

Thanking you.

Yours faithfully, For Vedanta Limited

Prerna Halwasiya Company Secretary & Compliance Officer

Enclosed: As above

#### **VEDANTA LIMITED**

**REGISTERED OFFICE:** Vedanta Limited, 1<sup>st</sup> Floor, 'C' wing, Unit 103, Corporate Avenue, Atul Projects, Chakala, Andheri (East), Mumbai – 400093, Maharashtra, India | T +91 22 6643 4500 | F +91 22 6643 4530



## Vedanta Limited

# Vedanta reports ₹ 9,362 crore EBITDA, up 32%QoQ; Strong free cash flow (pre capex) of ₹7,211 crore

**Mumbai, May 12, 2023**: Audited Consolidated Results for the Fourth Quarter and Full year ended 31<sup>st</sup> March 2023.

### Financial Highlights

- 4QFY23:
  - Consolidated quarterly Revenue of ₹37,225 crore, up 10% QoQ.
  - Consolidated quarterly EBITDA of ₹9,362 crore, up 32% QoQ with EBITDA margin<sup>\*</sup> of c. 29%.
  - o Consolidated Profit after tax of ₹3,132 crore, up 1%QoQ
  - o Generated robust Free cash flow (pre capex) of ₹7,211 crore, up 11% QoQ
  - o Declared interim dividend of ₹33/share in 4QFY23.
- FY23:
  - All time high consolidated revenue of ₹ 145,404 crore, up 11% YoY
  - 2<sup>nd</sup> highest ever annual EBITDA of ₹ 35,241 crore with EBITDA margin<sup>\*</sup> of c.28%
  - Record Free cash flow (pre capex) of ₹28,068 crore, up 3%
  - Continue to maintain strong double-digit return on capital employed c.21%
  - o Net Debt/EBITDA of ~1.28x, maintained within capital allocation framework
  - o Highest ever contribution to exchequer ~₹74,000 crore in FY23
  - o Proactive commodity hedging for risk management, recorded ₹3,088 crore gain
  - o Historic high shareholder returns declared interim dividend of ₹101.5 per share
  - o Continue to maintain healthy cash and cash equivalents of ₹20,922 crore on 31<sup>st</sup> Mar2023

### **Operational Highlights FY23 -**

Key businesses continue to deliver strong operating performance:

- Aluminium
  - Highest ever aluminium production at 2,291 kt, up 1% with Jharsuguda ramp up

<sup>\*</sup>Excludes custom smelting at copper business.

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o Alumina production at Lanjigarh refinery was at 1,793 kt

#### Zinc India

- Record mined metal production at 1,062kt, up 4% YoY
- Historic high refined metal production at 1,032kt, up 7% YoY
- Record saleable silver production at 714 tonnes, up 10% YoY

#### Zinc International

- Gamsberg achieved record production of 208 kt, up by 22% YoY
- o BMM production increased by 25% to 65 kt

#### Oil and Gas

- Signed 10-year extension to production sharing contract to operate Rajasthan Oil block
- o Commenced first Gas & Condensate production facility in Jaya field of OALP block
- Average daily gross operated production of 143 kboepd, natural decline was partially offset by the infill wells campaign in MBA and RDG fields

#### Iron ore

- Karnataka saleable ore production was at 5.3 million tonnes
- Commenced commercial production at Nicomet India's only Nickel Cobalt operations
- o Started production from Western Cluster Liberia mines, expanding global operations

#### Steel

- Highest ever hot metal production of 1,367kt
- Record finished goods production of 1,285kt, up 2% YoY
- Facor
  - Achieved all time high ore production of 290kt, up 16% YoY
  - o Commissioned new 60ktpa furnace; total ferro-chrome capacity reached 140 ktpa

#### <u>Copper India:</u>

- Cathode production from the Silvassa was 148 kt, up by 18% YoY driven by continuous debottlenecking of plant capacity and improved operational efficiencies.
- Due legal process is being followed to achieve a sustainable restart of operations

### FY23 ESG Highlights –

- Ranked 6th among DJSI's top 10 global diversified Metal & Mining peers
- Signed Renewable Energy PDAs of 1636 MW across the group as on 31<sup>st</sup> March 2023
- Cairn, IOB and VZI-BMM achieved water positivity
- 100% of business sites audited for ESG compliance

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- Workplace gender diversity increased to 14% from 11% in YoY
- Biomass usage improved to 78000 tonnes; 4x higher than FY22
- Total water consumption reduced by 10% YoY
- HVLT waste usage at 95%
- Launched "Enablon" an integrated sustainability risk management and ESG reporting software
- 1.1 million trees planted as part of commitment to plant 7 million trees by 2030
- 4500+ Nand Ghars created for women and child welfare
- ~₹74,000 crore contribution to National Exchequers
- Spent INR 454+ crore on CSR initiatives for communities, positively touching 44 million lives

*Mr Sunil Duggal, Chief Executive Officer, Vedanta, said* "Our commitment to operational excellence has helped us deliver record performance across our key businesses. We have delivered the highest-ever free cash flow (pre-capex) of ₹28,068 crore, enabling us to reinvest for business growth and provide our valued shareholders with attractive dividends. Our progress on ESG transformation has been recognized by leading rating agencies, making it a remarkable year for us. We finalized 1868 MW renewable power delivery agreements which brings us one step closer towards becoming carbon neutral by 2050 or sooner. Going ahead, we remain committed to operational excellence, shareholder value creation and transforming for good."



### Consolidated Financial Performance -

#### (In ₹ crore, except as stated)

	Q4	Q3	%	Q4	%	FY		
Particulars	FY2023	FY2023	Change	FY2022	Change	FY2023	FY2022	% Change
Net Sales/Income from operations	37,225	33,691	10%	39,342	(5%)	145,404	131,192	11%
Other Operating Income	705	411	72%	480	47%	1,904	1,540	24%
EBITDA	9,362	7,100	32%	13,768	(32%)	35,241	45,319	(22%)
EBITDA Margin <sup>1</sup>	29%	24%	19%	39%	(26%)	28%	39%	(30%)
Finance cost	1805	1,572	15%	1,333	35%	6,225	4,797	30%
Investment Income	959	680	41%	521	84%	2,852	2,341	22%
Exploration cost write off <sup>2</sup>	39	130	(70%)	-	-	327	-	-
Exchange gain/(loss) - (Non operational)	(117)	134	-	(45)	-	(492)	(235)	-
Profit before Depreciation and Taxes	8,359	6,211	35%	12,911	(35%)	31,048	42,627	(27%)
Depreciation & Amortization	2,765	2,720	2%	2,379	16%	10,555	8,895	19%
Profit before Exceptional items	5,594	3,491	60%	10,532	(47%)	20,493	33,732	(39%)
Exceptional Items Credit/(Expense) <sup>3</sup>	(1336)	903	-	(336)	-	(217)	(768)	-
Profit Before Tax	4,258	4,394	(3%)	10,196	(58%)	20,276	32,964	(38%)
Tax Charge/ (Credit)	1,709	839	-	2,963	(42%)	6,044	9,433	(36%)
Tax on Exceptional items/ (Credit)	(583)	463	-	(28)	-	(274)	(178)	54%
Profit After Taxes before share in (loss)/profit of jointly controlled entities and associates	3,132	3,092	1%	7,261	(57%)	14,506	23,709	(39%)
Add : Share in (loss)/profit of jointly controlled entities and associates	(0)	(1)	-	0	-	(3)	1	-
Profit after share in (loss)/profit of jointly controlled entities and associates	3,132	3,091	1%	7,261	(57%)	14,503	23,710	(39%)
Profit After Taxes before exceptional items	3,885	2,652	46%	7,569	(49%)	14,449	24,299	(41%)
Basic Earnings per Share (₹/share)	5.07	6.64	(24%)	15.66	(68%)	28.50	50.73	(44%)
Basic EPS before Exceptional items	7.14	5.46	31%	16.27	(56%)	28.36	52.02	(45%)
Exchange rate (₹/\$) - Average	82.21	82.14	-	75.17	9%	80.27	74.46	8%
Exchange rate (₹/\$) - Closing	82.16	82.75	(1%)	75.59	9%	82.16	75.59	9%

1. Excludes custom smelting at copper business.

2. Pertains to unsuccessful exploration wells write off Open Acreage Licensing policy (OALP) blocks at Cairn.

3. Exceptional items Gross of Tax

4. Previous period figures have been regrouped or re-arranged wherever necessary to conform to current period's presentation.

#### Revenue:

- 4QFY23 Revenue increased by 10%QoQ to ₹37,225 crore owing to higher sales across businesses and improved output commodity prices.
- FY23 consolidated revenue increased by 11% to ₹ 1,45,404 crore due to higher sales across businesses, forex gain and strategic hedging gain despite lower commodity prices.

#### • EBITDA and EBITDA Margin:

- 4QFY23 EBITDA increased by 32% QoQ to ₹9,362 crore driven by higher volume across businesses, easing of input commodity inflation and higher output commodity prices
- FY23 EBITDA decreased by 22% to ₹ 35,241 crore, on account of lower output commodity prices and higher input commodity prices, partly offset by higher sales, strategic hedging and foreign exchange gains.
- EBITDA margin<sup>1</sup> stood at c.28% in FY23
- Depreciation & Amortization:



- 4QFY23 depreciation & amortization increased by 2%QoQ to ₹2,765 crore due to increased ore production at Zinc India and increased 16%YoY due to increased ore production at Zinc India and higher depletion charge at Oil & Gas business.
- FY23 depreciation & amortisation increased by 19% to ₹10,555 crore, due to increase in ore production at Zinc India and higher depletion charge at Oil &Gas business

#### Finance Cost:

- 4QFY23 finance cost increased by 15% QoQ and 35% YoY to ₹1,805 crore owing to increase in average borrowings and average cost of borrowings
- FY23 finance cost increased by 30% to ₹ 6,225 crore, due to increase in average borrowings

#### Investment Income:

- o 4QFY23 investment Income increased by 41% QoQ and 84% YoY to ₹959 crore on account of interest received on income tax refund, mark to market movement and change in investment mix
- FY23 investment Income increased by 22% to ₹ 2,852 crore, due to mark to market movement, change in Investment mix and interest received on income tax refund

#### Exceptional Items:

- 4QFY23 exceptional items at ₹ (1,336) crore, due to impairment charge of ₹ (1,218) crore and SAED impact of ₹ (118) crore in Oil and Gas business
- FY23 exceptional items at ₹ (217) crore, due to impact of SAED of ₹ (970) crore partially offset by impairment reversal of ₹ 644 crore in WCL and ₹ 109 crore in ESL

#### Taxes:

- 4QFY23 normalized Effective tax rate (ETR) was 31% compared to 24% in 3QFY23 on account of change in profit mix
- FY23 normalized ETR was 30% compared to 28% in FY22 due to change in profit mix

#### Profit after Tax (PAT) and Earnings per Share (EPS):

- o 4QFY23 Profit after Tax was at ₹3,132 crore, up 1% QoQ
- EPS for FY2023 was ₹28.50 per share

#### Leverage, liquidity, and credit rating:

- Gross debt stood at ₹66,182 crore as on 31<sup>st</sup> Mar'23
- Net debt was ₹45,260 crore as on 31<sup>st</sup> Mar'23; Net debt to EBITDA ratio was at ~1.28x
- Cash and cash equivalents position remain healthy at ₹20,922 crore. The Company follows a Board-approved investment policy and invests in high quality debt instruments with mutual funds, bonds, and fixed deposits with banks.
- o Investment grade credit rating of 'AA' with negative outlook by CRISIL and India Ratings.

#### Key Recognitions -

Vedanta has consistently received various awards and accolades. Few recognitions received during 4QFY23 are:

- Vedanta Limited won prestigious 'Kincentric Best Employer of the year 2022' award
- Hindustan Zinc recognized with 'A' score for Transparency on Climate Change by CDP
- VAL–J, won Platinum award in Fame India Excellence Award for excellence in Fire and Security
- BALCO awarded with 'Sustainable Factory of the year' award at Frost and Sullivan Sustainability awards
- Hindustan Zinc's Chanderiya & Dariba Captive Power Plants received the Mission Energy Foundation Award for Efficient Fly Ash Management in Northern region
- HZL and BALCO won multiple awards at '36<sup>th</sup> National Convention on Quality Concepts (NCQC 2022)' for Business excellence and Quality
- VAL J awarded with 25 Awards at '36<sup>th</sup> National Conventional Quality Concepts (NCQC 2022)' for Business excellence and Quality
- Cairn Oil and Gas won Economic Times Human Capital Award for Excellence in Creating a Culture Learning and Upskilling
- HZL's Chanderiya & Dariba Captive Power Plant receive the Mission Energy Foundation Award for Efficient Fly Ash Management in Northern region

#### Results Conference Call -

Please note that the results presentation is available in the Investor Relations section of the company website <a href="https://www.vedantalimited.com/eng/investor-relations-overview.php#resultsReports">https://www.vedantalimited.com/eng/investor-relations-overview.php#resultsReports</a>

Following the announcement, a conference call is scheduled at 5:00 PM (IST) on May 12, 2023, where the senior management will discuss the company's results and performance. The dial-in numbers for the call are as below:

Event	Telephone Number					
Earnings conference call on	Universal Dial-In	+91 22 6280 1114				
May 12, 2023, from 5:00 - 6:00		+91 22 7115 8015				
PM (IST)	India National Toll Free	1 800 120 1221				
		Canada	01180014243444			
	International Toll Free*	Hong Kong	800964448			
		Japan	00531161110			
		Netherlands	08000229808			
		Singapore	8001012045			
		UK	08081011573			
		USA	18667462133			
Online Registration Link	Click here - Registration	Link				
Call Recording	Will be available on website on May 12, 2023					

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\*In case of dial-ins from any other country, please use the online registration link for relevant dial in numbers

#### About Vedanta Limited:

Vedanta Limited ("Vedanta"), a subsidiary of Vedanta Resources Limited, is one of the world's leading natural resources companies spanning across India, South Africa and Namibia with significant operations in Oil & Gas, Zinc, Lead, Silver, Copper, Iron Ore, Steel, Nickel, Aluminium & Power. For two decades, Vedanta has been contributing significantly to nation building. Governance and sustainable development are at the core of Vedanta's strategy, with a strong focus on health, safety, and environment. Vedanta has put in place a comprehensive framework to be the ESG leader in the natural resources sector, is committed to reducing carbon emissions to net zero by 2050 or sooner and aims to spend \$5 billion over the next 10 years to accelerate this transition. Giving back is in the DNA of Vedanta's social initiatives, has pledged Rs 5000 crore over the next five years on various social impact programs and its flagship project, Nand Ghar is setting up model anganwadis across India. Vedanta Ltd. has been listed in Dow Jones Sustainability World Index 2022, conferred Golden Peacock Award for excellence in Corporate Governance 2022 and certified as a Great Place to Work 2022. Vedanta Limited is listed on the Bombay Stock Exchange and the National Stock Exchange.

#### For more information, please visit www.vedantalimited.com

#### Vedanta Limited

Vedanta, 75, Nehru Road, Vile Parle (East), Mumbai - 400 099 www.vedantalimited.com

#### **Registered Office:**

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#### Disclaimer

This press release contains "forward-looking statements" – that is, statements related to future, not past, events. In this context, forward-looking statements often address our expected future business and financial performance, and often contain words such as "expects," "anticipates," "intends," "plans," "believes," "seeks," "should" or "will." Forward–looking statements by their nature address matters that are, to different degrees, uncertain. For us, uncertainties arise from the behaviour of financial and metals markets including the London Metal Exchange, fluctuations in interest and or exchange rates and metal prices; from future integration of acquired businesses; and from numerous other matters of national, regional, and global scale, including those of a political, economic, business, competitive or regulatory nature. These uncertainties may cause our actual future results to be materially different that those expressed in our forward-looking statements. We do not undertake to update our forward-looking statements.

#### For any Investor enquiries, please contact:

Ms. Prerna Halwasiya, Company Secretary and Deputy Head - Investor Relations (<u>Prerna.Halwasiya@vedanta.co.in</u>) Ms. Swati Chauhan, Deputy Head - Equities (<u>vedantaltd.ir@vedanta.co.in</u>)

#### For any media queries, please contact:

Ms. Ritu Jhingon, Group Director – Communications, <u>Ritu.Jhingon@vedanta.co.in</u> Mr. Mukul Chhatwal, Group Head – PR & Media Relations, <u>Mukul.Chhatwal@cairnindia.com</u>



VEDANTA LIMITED INVESTOR PRESENTATION May 12, 2023

4QFY23 Earnings Presentation

> COMMUNITIES PLANET WORKPLACE

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This presentation is not intended, and does not, constitute or form part of any offer, invitation or the solicitation of an offer to purchase, otherwise acquire, subscribe for, sell or otherwise dispose of, any securities in Vedanta Resources Limited and Vedanta Limited and any of their subsidiaries or undertakings or any other invitation or inducement to engage in investment activities, nor shall this presentation (or any part of it) nor the fact of its distribution form the basis of, or be relied on in connection with, any contract or investment decision.



Vedanta Limited 4QFY23 Investor Presentation



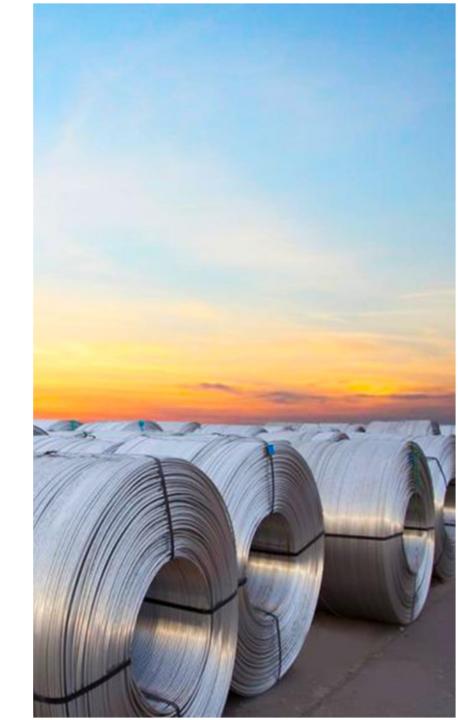


VEDANTA LIMITED INVESTOR PRESENTATION 4QFY23

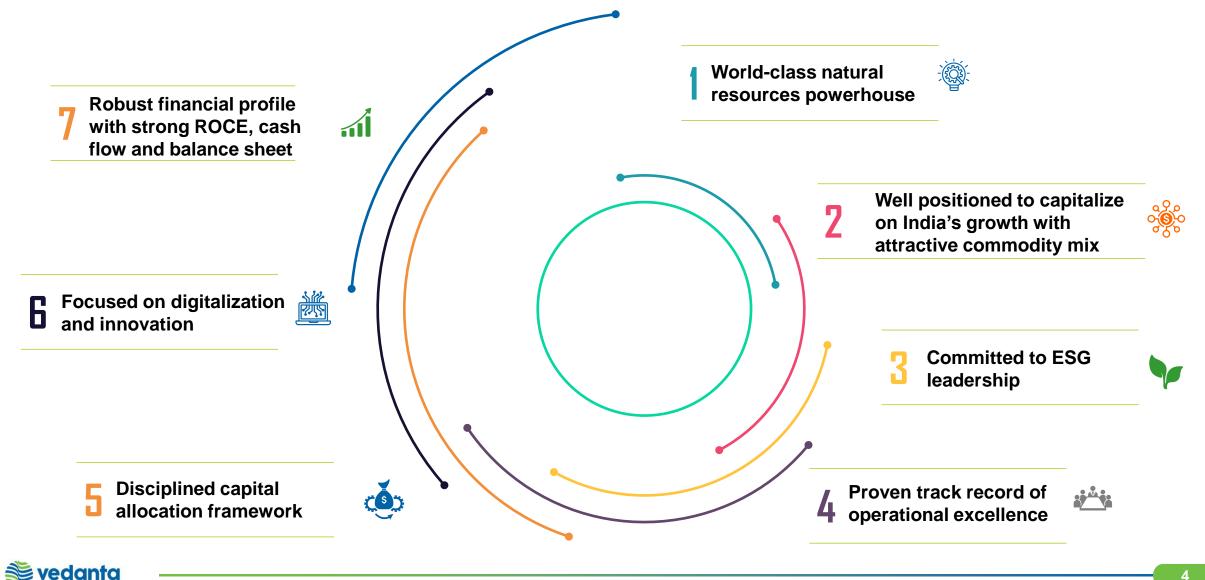
## **Business Update**

Sunil Duggal Group CEO & Chief Safety Officer

Sensitivity: Internal (C3)



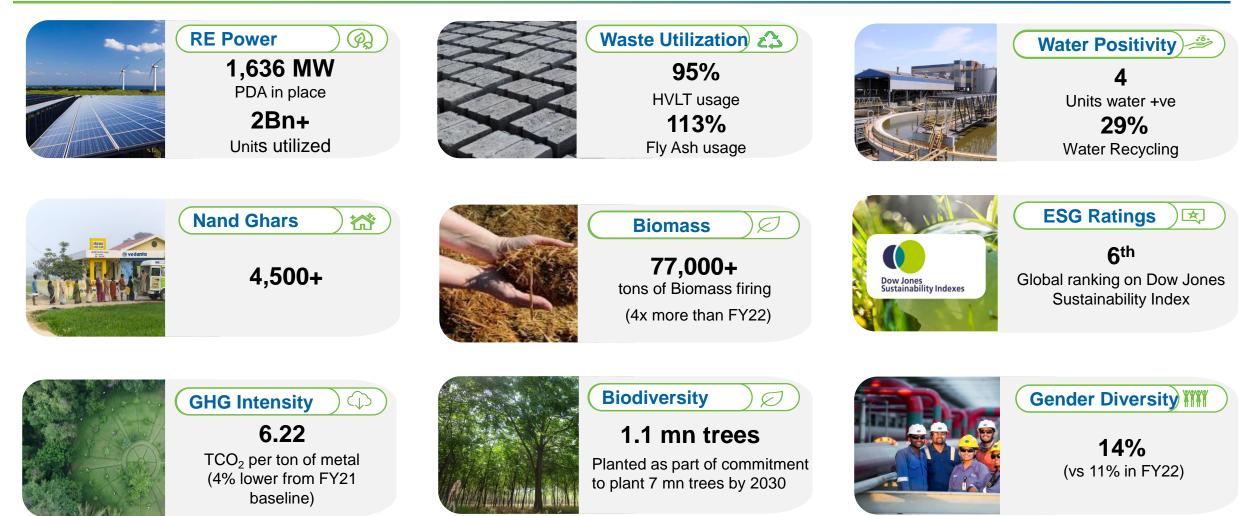
## **Investment Case**



**Vedanta Limited 4QFY23 Investor Presentation** 

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## FY23 ESG highlights

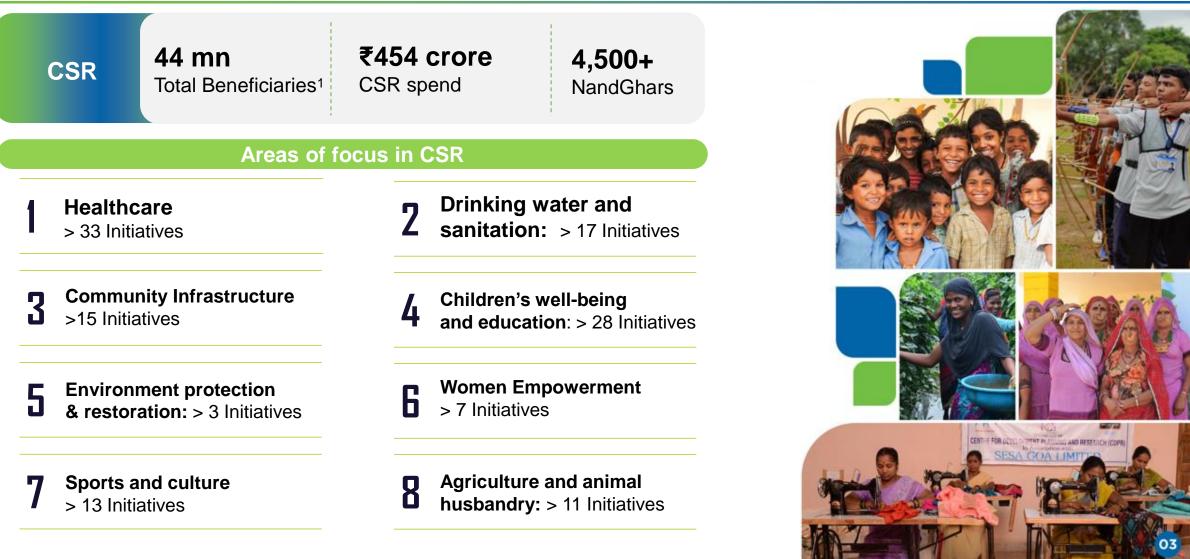




PDA: Power Delivery Agreement

Vedanta Limited 4QFY23 Investor Presentation 5

## Pillar 1 – transforming communities : Steadily progressing on our repurposed ESG strategy





Includes indirect beneficiaries
 Spend numbers are unaudited; CSR: Corporate Social Responsibility

Vedanta Limited 4QFY23 Investor Presentation

Our aims	Key KPIs (UoM)	Baseline (FY21)	2030 Target	FY23 Status	Progress against few key KPIs		
NET	Absolute GHG emissions (TCO2e)	60mn	45mn	64.9mn	5 5 1,500		
Net carbon	GHG intensity (TCO2e/T of metal)	6.45	5.2 (2025)	6.22			
neutrality by 2050 or sooner	Renewables in operations ( <i>RE RTC, MW</i> )	67MW	2,500 MW	788 MW (PDAs)	GHG Intensity: 6.22 RE-RTC PDAs: 788 MW		
Achieving net water positivity by 2030	Water Positivity Ratio (%)	0.54	Net Water Positive	0.58	Water Positivity: 0.58		
£03	Waste utilization (HVLT) <i>(%)</i>	94%	100%	95%	50 30		
Innovating for a greener business model	Legacy Waste (2035) (mnt)	62.2 mnt	20 mnt	44.4 mnt	Legacy waste: 44.4 mnt		

## Pillar 2 – transforming the planet: Steadily progressing on our repurposed ESG strategy

Vedanta Limited 4QFY23 Investor Presentation

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GHG: Green House Gas; RE: Renewable Energy; RTC: Round the clock; HVLT: High Volume Low Toxicity; PDA: Power Delivery Agreement

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Our aims	Key KPIs (UoM)	Baseline (FY21)	2030 Target	FY23 Status	Progress against few key KPIs
Prioritizing safety and health of employees	Fatal incidences <i>(Number)</i>	8	Ongoing target- Zero Fatalities	13	Fatalities: 13
Promote gender parity, diversity and inclusivity	Gender diversity in organization (%)	11	20% women employees	14	Gender Diversity: 14
Adhere to global business standards of corporate governance	Zero controversies on corporate governance (Number)	NIL	Ongoing target- Zero Controversy	NIL	Noncompliance closed: 77%

## Pillar 3 – transforming the workplace: Steadily progressing on our repurposed ESG strategy

transforming for good

Vedanta Limited 4QFY23 Investor Presentation

## FY23 operational and financial highlights

## **Operational Highlights**

### Record production across key businesses

- → Aluminium : 2.3 mnt
- $\rightarrow$  HZL: crossed 1 mnt mark
  - o MIC: 1.062 mnt
  - o Refined metal: 1.032 mnt
- → **Gamsberg**: 208 kt, up 22% YoY
- → ESL: saleable production of 1.3 mnt

### Other key achievements

- $\rightarrow$  Coal mines
  - o Jamkhani: Production commenced
  - o Chhotia restarted
- $\rightarrow$  Successful bidder for:
  - Bichlolim iron ore mine in Goa
  - Sijimali bauxite mine
  - Ghogarpalli and Barra coal block
- → FACOR New Furnace 60ktpa commissioned
- $\rightarrow$  Cairn 10-year PSC extension for RJ block

C&CE: Cash and cash equivalent

1. Excludes custom smelting at Copper Business

Vedanta Limited 1. 4QFY23 Investor Presentation

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**Financial Highlights** Revenue **EBITDA ₹ 145,404** crore ₹ 35,241 crore 2<sup>nd</sup> highest All time high EBITDA Margin<sup>1</sup> PAT 28% **₹ 14,503** crore ROCE FCF (pre capex) ₹ 28,068 crore c. 21% All time high C&CE **Dividend Declared** ₹ 101.5 **₹ 20,922** crore Per share

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## **4QFY23 operational and financial highlights**

## **Operational Highlights**

Production growth across key businesses

- $\rightarrow$  Aluminium : 574 kt, up 1% QoQ
- → HZL: mined metal at 301 kt, up 19% QoQ
- $\rightarrow$  **IOK**: saleable ore at 1.5 mnt, up 6% QoQ
- $\rightarrow$  **ESL**: saleable metal at 386 kt, up 26% QoQ
- → Ferrro Chrome up 2% QoQ

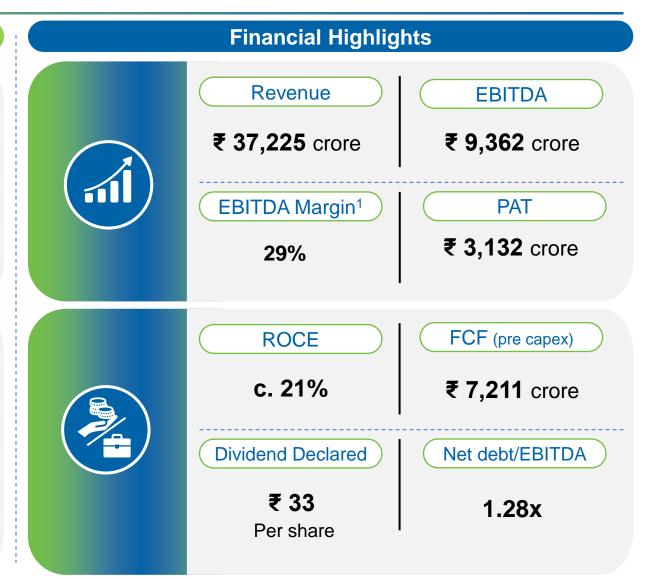
### Other key highlights

- $\rightarrow$  HZL CoP lower by 6% QoQ
- $\rightarrow$  Aluminium CoP lower by 4% QoQ
- → Iron ore margins doubled QoQ
- $\rightarrow$  ESL: significant improvement in margins
- → Acquired Sijimali bauxite block
- $\rightarrow$  First shipment from WCL

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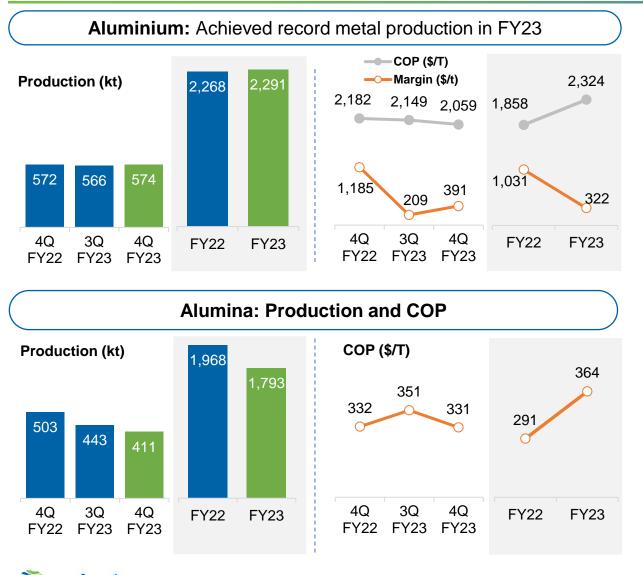
→ FACOR new furnace commissioned

Vedanta Limited C&CE: Cash and cash equivalent; CoP: Cost of production; 1. Exclude customs smelting at Copper 4QFY23 Investor Presentation



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## **Aluminium: Highest ever aluminium production**



COP: Cost of production; JSG: Jharsuguda;

### Key Highlights

- Record annual aluminium production at 2,291 kt
- Aluminium domestic sales at 775kt, up 28% YoY
- Commissioned 120 KTPA Billet project at JSG
- Operationalized Coal Mines Jamkhani
- Declared successful bidder
  - Sijimalli Bauxite mines: Reserves 311 Million tons
  - Ghogarpalli coal block; capacity 20 MTPA
  - Barra coal block (unexplored)
- Ranked 2<sup>nd</sup> in S&P DJSI index 2022 rankings

### **Key cost initiatives**

- LNJ expansion from 2→5 MTPA: Captive alumina mix improvement & thereby reducing 3<sup>rd</sup> party dependency
- Coal Block Operationalization: Captive coal mix improvement
- Maximize linkage coal materialization

Vedanta Limited 4QFY23 Investor Presentation

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## **Aluminium: Strategic Initiatives**

- Aluminium capacity expansion to 3 MTPA
  - $\,\circ\,$  Balco capacity expansion to 1 MTPA 1QFY25
  - $\circ$  Debottlenecking for balance 0.2 MTPA 4QFY25
- VAP 60% → 90%
  - JSG VAP expansion from 1 to 1.6 MTPA 3QFY24 (120 KTPA Billet Commissioned)
  - $\,\circ\,$  Balco VAP expansion from 0.4 to 1 MTPA 2QFY24
- Alumina capacity 2 MTPA → 5 MTPA
  - $\,\circ\,$  New 3MTPA expansion project
    - Train I, 1.5 MTPA 1HFY24
    - $\circ~$  Train II, 1.5 MTPA 2HFY24
- Bauxite security:
  - Sijimali mine (Reserves 311 Million tons) 3QFY25
- Coal security: 100% operationalization of all coal mines
   8 MTPA Kurloi (North) 4QFY24
  - 6 MTPA Radhikapur (W) 1QFY25
  - 20 MTPA Ghogharpalli 2QFY25
  - $\circ$  Barra Coal Block (unexplored)

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Note: All the Capex are subject to all requisite government approvals as per schedule

### **Progress on Lanjigarh Refinery Expansion**





## Zinc India: Setting new benchmarks: Refined metal production crossed 1 MnT milestone

## Key highlights

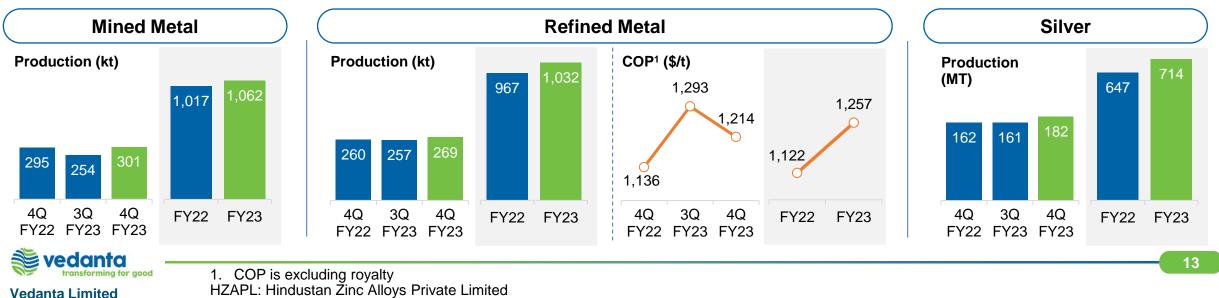
- Highest-ever annual mined metal production, up 4% YoY
- Record-high annual refined metal production, up 7% YoY
- All-time high annual silver production, up 10% YoY

### Key cost initiatives

- Operational efficiency improvement; recovery, ore yield, linkage coal mix, SCC
- Increase minor metal contribution and additional volume from debottlenecking & growth projects

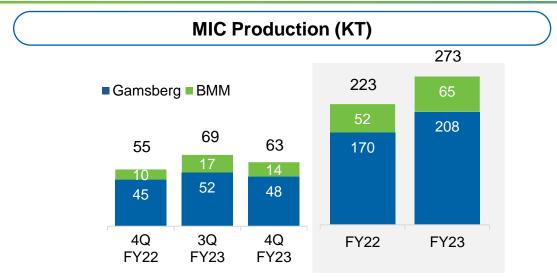
### **Strategic Initiatives**

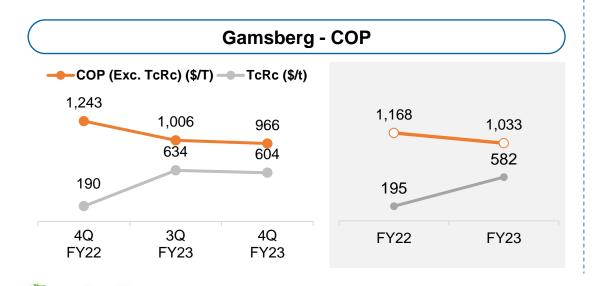
- Rajpura Dariba Mill revamp
- 1.6 LTPA Fumer commissioning
- HZAPL 30 KTPA alloy at Dariba
- 160 KTPA Dariba roaster plant
- 5 LTPA Fertilizer plant



4QFY23 Investor Presentation

## Zinc International: Well positioned for long term value creation





## Key highlights

### Gamsberg:

- Highest ever annual MIC production at 208 kt, up 22%YoY
- Gamsberg annual CoP (ex TcRc) lower by 12% YoY

## BMM:

- Annual MIC production at 65 kt, up 25% YoY
- Highest ever mining at 1.8 mnt, up 16% YoY; milling at 1.7 mnt, up 9% YoY

### Key cost initiatives

- Throughput and recovery improvement
- Restructuring of contracts for mining and input commodities

## **Strategic Initiatives**

Medium-term potential to reach 1MTPA

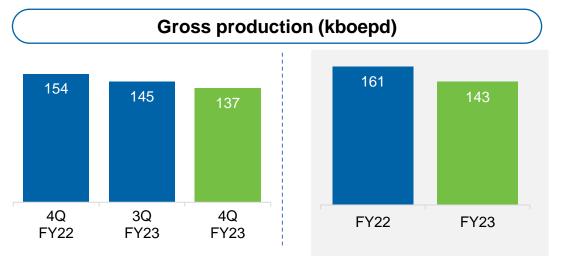
Gamsberg Phase 2

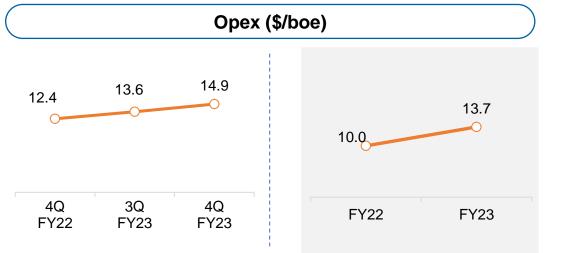
- Open cast mine 4mtpa → 8mtpa ; New 4MTPA concentrator
- Additional 200ktpa MIC

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## **Oil & Gas: Partnering in India's journey to energy self-reliance**





## **Key Highlights**

- Signed off Rajasthan 10-year PSC extension
- Secured 8 blocks in DSF-III round & 1 block in special CBM round 2021
- Drilled 62 wells across Bhagyam, ABH, Satellite Fields, RDG and Cambay under Infill wells campaign
- Commenced 1<sup>st</sup> Gas & Condensate production facility in Jaya field (OALP block)
- Achieved exploration success in Ravva; Drilling of offshore exploration well (Dwarka-1) commenced.

### Key initiatives

- Exploration:
  - 10 Exploration wells targeting 250 mmboe unrisked resources
  - Seismic acquisition in NE, Cambay, RJ & Offshore basins
- Development: Infill well drilling across key producing fields viz Mangala, Aishwariya, Tight Oil, RDG, Satellite Fields and Cambay

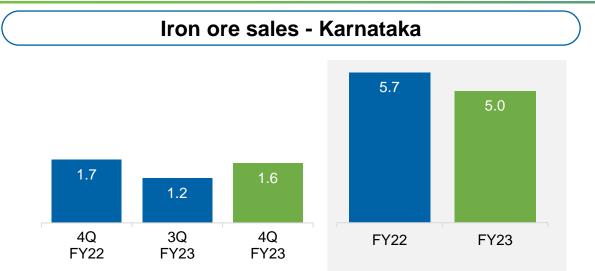
### Vedanta Limited 4QFY23 Investor Presentation

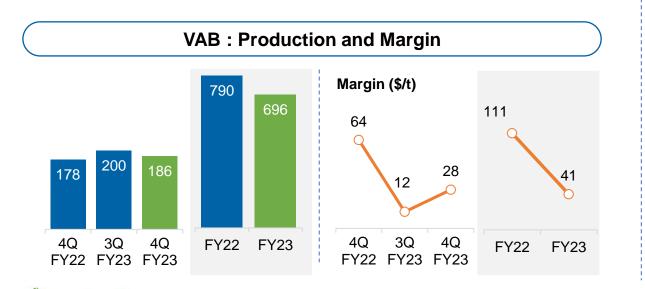
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Kboepd: Thousand barrel of oil equivalent per day; Boe: barrel of oil equivalent; PSC: Production Sharing Contract; DSF: Discovered Small Fields; CBM: Coal Bed Methane; OALP: Open Acreage Licensing Policy

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## Iron ore and VAB





## **Key Highlights**

- Export ban lifted in Karnataka
- Barbil mines fully ramped up
- Commenced export shipments from Western Cluster, Liberia
- Acquired Bicholim iron ore mines in Goa
- Completed relining of Pig iron Blast Furnace-2; adding 20 KTPA pig iron capacity
- IOK quarterly sales higher by 34% QoQ

### **Strategic Initiatives**

- Karnataka ROM Production 6 MTPA → 7.2 MTPA
- Bicholim Mines operationalization in H2FY24
- EC enhancement under progress

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4QFY23 Investor Presentation

VAB: Value Added Business; IOK: Iron Ore Karnataka; IOG: Iron Ore Goa; ROM: Run-of-Mine; EC: Environmental Clearance

## **ESL Steel and FACOR**

## ESL

## **Key Highlights**

- Record annual hot metal production of 1,367 kt
- Enhanced hot metal capacity to 1.7 mnt

## **Strategic Initiatives**

- Coke oven commissioning: 100% captive met coke
  - o Phase 1: 0.25 MTPA 3QFY24
  - o Phase 2: 0.25 MTPA 4QFY24
- Hot Metal Capacity: 1.5 MTPA → 3 MTPA 1QFY25

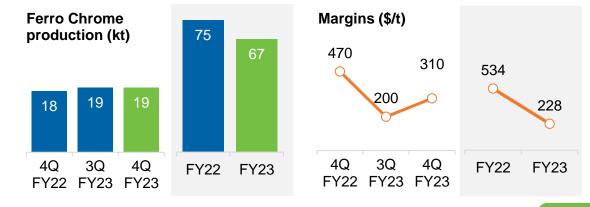
## FACOR

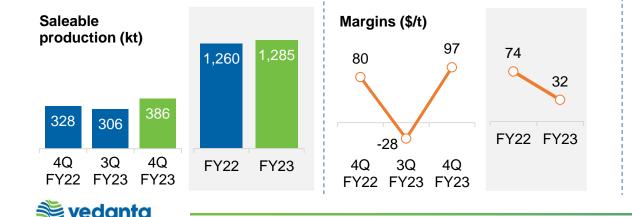
## Key Highlights

- Record annual ore production of 290 kt, up 16% YoY
- Commissioned new 60 KTPA furnace; total capacity increased from 80KTPA → 140 KTPA

## **Strategic Initiatives**

- Ferrochrome Volume 140 KTPA → 450 KTPA
- Ostapal Underground mines expansion by 1.5MTPA
- New Concentrator plant: 600 KTPA

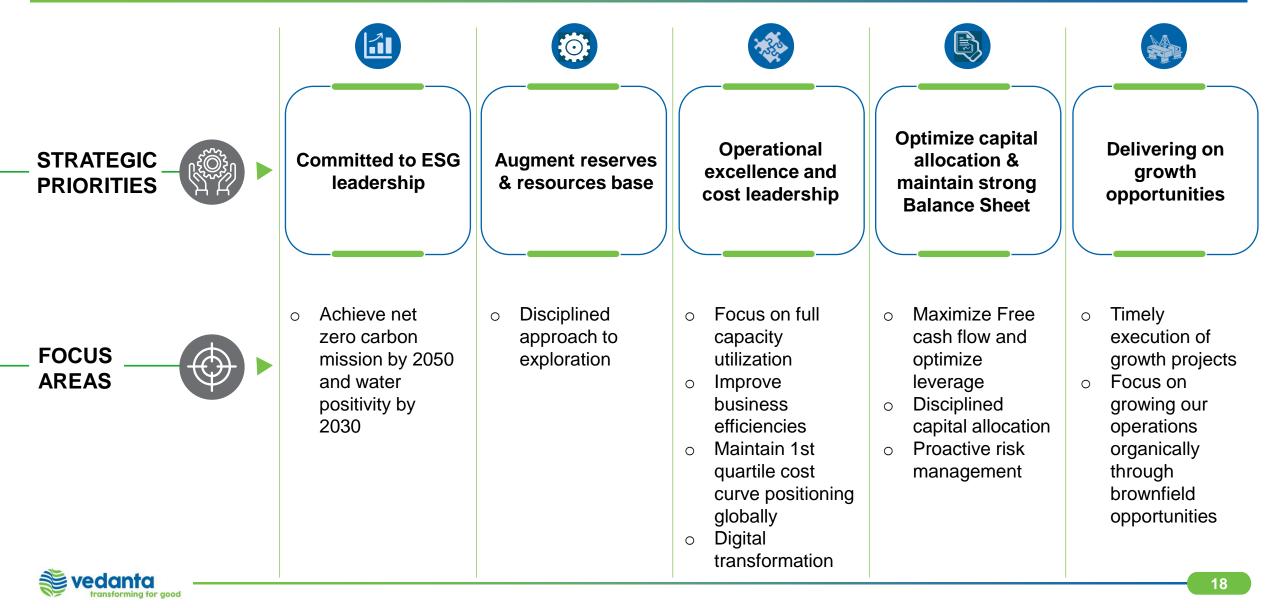




Vedanta Limited 4QFY23 Investor Presentation

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## **Strategy to enhance long term value**



Vedanta Limited 4QFY23 Investor Presentation



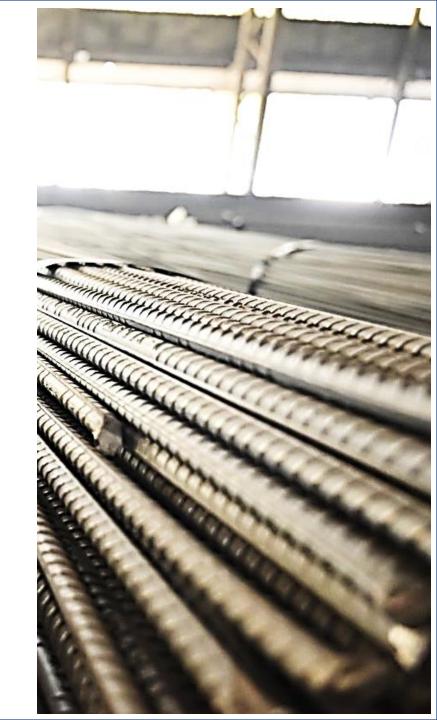




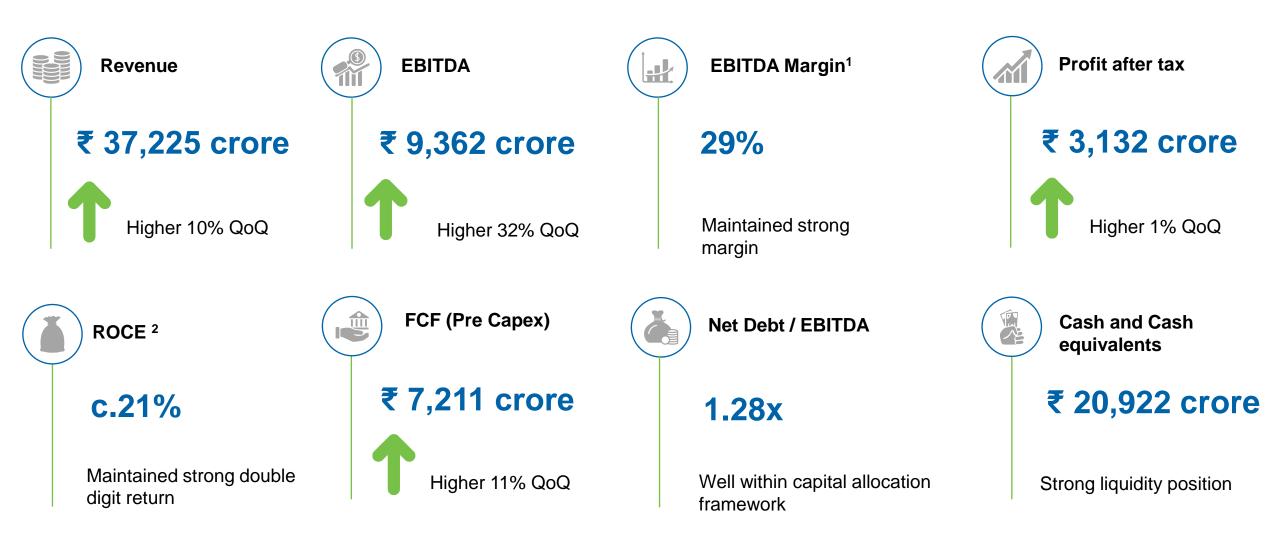
### VEDANTA LIMITED INVESTOR PRESENTATION 4QFY23

Finance Update

Ajay Agarwal Acting Group CFO



## **4QFY23 financial snapshot**



4QFY23 Investor Presentation

transforming for good

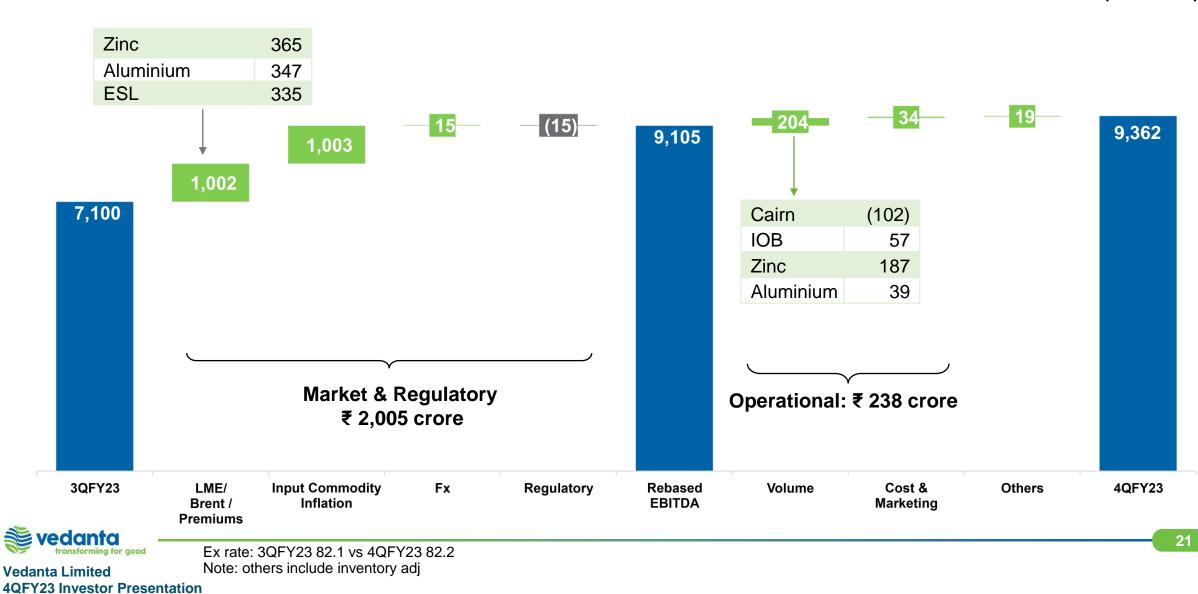
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1. Excludes custom smelting at Copper Business

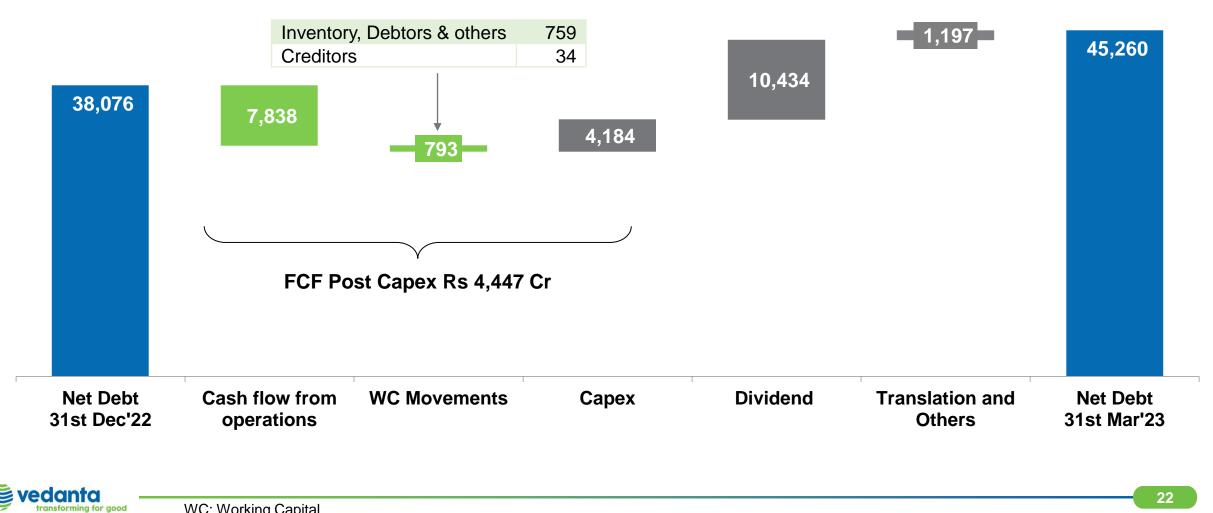
2. ROCE (return on capital employed) is calculated as EBIT net of tax outflow divided by average capital employed

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(In ₹ crore)

(In ₹ crore)

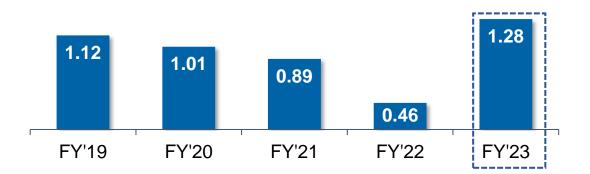


**Vedanta Limited 4QFY23 Investor Presentation** 

WC: Working Capital

## **Balance sheet and debt breakdown**

**Net debt / EBITDA** (Maintained within capital allocation framework)



- Liquidity: Cash and cash equivalents at ₹ 20,922 crore
- Net Interest \* :
  - Interest Income Returns ~6%
  - Interest Expense Interest rate ~7.8%
- Maturity: proactive credit management; average term debt maturity ~3.4 years
- Credit Rating:
  - CRISIL rating at AA with negative outlook
  - India ratings at IND AA with negative outlook

### Debt breakdown

(as of 31st Mar'2023)

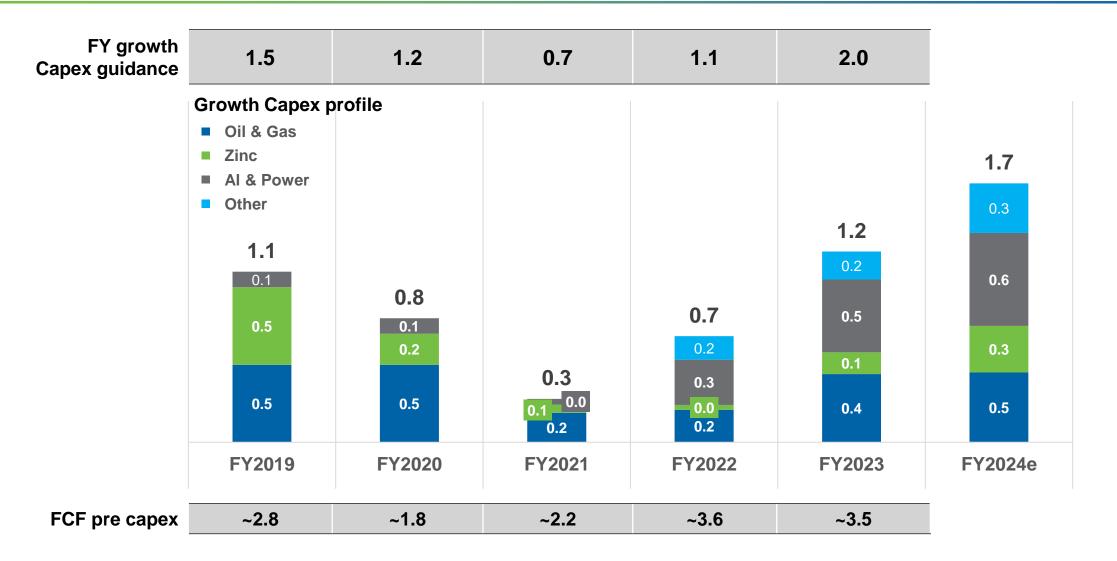
Gross Debt	In \$bn	In ₹ 000' crores
Term debt	6.7	54.5
Working capital	0.3	2.7
Short term borrowing	1.1	8.9
Total consolidated debt	8.1	66.2
Cash and Cash Equivalents	2.6	20.9
Net Debt	5.5	45.3
Debt breakup (\$8.1bn)		
- INR Debt		90%
- USD / Foreign Currency Debt		10%



\*FY23 average

Vedanta Limited 4QFY23 Investor Presentation

## Continued discipline investment in value adding growth





Vedanta Limited 4QFY23 Investor Presentation (\$ Bn)





VEDANTA LIMITED INVESTOR PRESENTATION 4QFY23

Appendix

## **FY24 Production and Cost Guidance**

### **Zinc India**

- Mined Metal : 1,075 1,100 kt
- Finished Metal: 1,050 1075 kt
- Silver: 725 750 tonnes
- COP: \$1,125/t \$1,175/t excluding royalty

### **Zinc International**

- Gamsberg: 210 240 kt
- BMM: 60 70 kt
- COP: \$1,400/t \$1,500/t

### **Iron Ore**

- Karnataka: 5.5 6.0 Mnt
- Orissa: 6.0 6.5 Mnt
- Goa: 1.5 2.0 Mnt
- WCL: 1.0 1.3 Mnt
- Pig Iron: 850 900 kt

## ESL

• Hot Metal: 1.5-1.6 Mnt

### Aluminium

- Alumina: 2.5 2.7 Mnt
- Aluminium: 2.2 2.3 Mnt
- COP<sup>1</sup>: \$1,800/t \$1,900/t

### Oil & Gas

- Average Gross Volume: 135-140 kboepd
- Opex: \$14-15/boe

### FACOR

Fe chrome: 100 – 125 kt

### Power

TSPL plant availability: >85%

### **Copper - India**

To be updated on re-start of operations



1. Hot metal CoP

Vedanta Limited 4QFY23 Investor Presentation

## **Income statement**

- Depreciation & Amortization
  - 4QFY23 increased by 2%QoQ due to increased ore production at Zinc India
  - FY23 increased by 19%, due to increase in ore production at Zinc India and higher depletion charge at Oil &Gas business

### Finance Cost

- 4QFY23 increased by 15% owing to increase in average borrowings and cost of borrowings
- FY23 increased by 30%, due to increase in average borrowings

### Investment Income

 4QFY23 increased by 41% QoQ and 22% on full year basis on account of interest received on income tax refund, mark to market movement and change in investment mis

### Taxes FY23 vs FY22

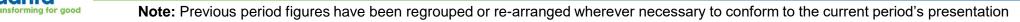
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4QFY23 Investor Presentation

Vedanta Limited

- 4QFY23 normalized Effective tax rate (ETR) was 31% compared to 24% in 3QFY23 on account of change in profit mix
- FY23 normalized ETR was 30% compared to 28% in FY22 due to change in profit mix

In E Croro	4Q	3Q	EV02	EV00
In ₹ Crore	FY23	FY23	FY23	FY22
Revenue from operations	37,225	33,691	1,45,404	1,31,192
Other operating income	705	411	1,904	1,540
EBITDA	9,362	7,100	35,241	45,319
Depreciation & amortization	(2,765)	(2,720)	(10,555)	(8,895)
Exploration Cost written off	(39)	(130)	(327)	-
Finance Cost	(1,805)	(1,572)	(6,225)	(4,797)
Investment Income	959	680	2,852	2,341
Exchange gain/(loss)	(118)	133	(493)	(236)
Exceptional item Credit/(Expense)	(1,336)	903	(217)	(768)
Tax (Charge)/Credit	(1,709)	(839)	(6,044)	(9,433)
Tax credit/(charge) on exceptional items	583	(463)	274	178
One time tax credit/(charge)*	-	-	-	-
PAT before exceptional & one time tax credit	3,885	2,652	14,449	24,299
Profit/(Loss) After Taxes	3,132	3,092	14,506	23,709
Share of Associates and Jointly Controlled Entities	-	(1)	(3)	1
Profit after Taxes after Share of Associates and Jointly Controlled Entities	3,132	3,091	14,503	23,710



## **Project capex**

Capex in Progress (In \$ mn)	ex in Progress (In \$ mn) Status		Spent up to FY22 <sup>3</sup>	Spent in FY23	Unspent <sup>4</sup> as on 31 <sup>st</sup> Mar 2023
<b>Cairn India<sup>1</sup> –</b> Mangala, Bhagyam & Aishwariya infill, OALP, ABH infill, RDG infill, Shale, Offshore infill etc		Capex <sup>2</sup> 1,069	188	392	489
Aluminium Sector					
Jharsuguda VAP capacity expansion and others	In progress	418	116	79	223
Coal Mines (Jamkhani, Radhikapur, Kurloi, Ghoghrapalli)	In Progress	920	44	43	833
Lanjigarh Refinery: 2 to 5 MTPA	In Progress	641	89	188	364
Balco smelter and VAP capacity expansion	In Progress	1,146	15	91	1040
Zinc India					
Mine expansion		2,077	1,809	41	227
Roaster (Debari)	In Progress	101	-	1	100
Others		483	156	21	306
Zinc International					
Gamsberg Phase II Project	In Progress	466	-	53	413
Iron Ore Project	In Progress	37	9	11	17
ESL 1.5 to 3 MTPA hot metal		349	10	78	261
Avanstrate					
Furnace Expansion and Cold Line Repair		203	80	41	82
Capex Flexibility					
Metals and Mining					
Tuticorin Smelter 400ktpa	Project is under Force Majeure	717	198	1	518
Skorpion Refinery Conversion	Currently deferred till Pit 112 extension	156	17	-	139
Vedanta Limited Vedanta Limited 1. Capex approved for Cairn represe 2. Is based on exchange rate at the ti 3. Is based on exchange rate at the ti	nts Net capex, however Gross capex is \$^ me of approval. me of incurrence	1.4 bn.			28

**4QFY23 Investor Presentation** 3. Is based on exchange rate at the time of incurrence 4. Unspent capex represents the difference between total capex approved and cumulative spend as on 31<sup>st</sup> Mar 2023.

(In ₹ crore)

	Mar 31, 2023				Dec 31, 2022			Mar 31, 2022		
Company	Debt	Cash & Cash Eq	Net Debt	Debt	Cash & Cash Eq	Net Debt	Debt	Cash & Cash Eq	Net Debt	
Vedanta Limited Standalone	42,023	7,364	34,659	45,245	3,388	41,857	36,696	7,057	29,639	
Cairn India Holdings Limited <sup>1</sup>	2,662	1,610	1,052	870	1,425	(555)	1,602	1,389	213	
Zinc India	11,841	10,061	1,780	5,104	16,482	(11,378)	2,823	20,789	(17,966)	
Zinc International	-	663	(663)	-	1,058	(1,058)	45	601	(556)	
BALCO	1,129	470	659	1,116	390	726	1,142	742	400	
Talwandi Sabo	6,378	78	6,300	6,942	90	6,852	7,013	90	6,923	
ESL	2,274	301	1,973	2,382	178	2,204	2,705	862	1,843	
Others <sup>2</sup>	(125)	375	(500)	(109)	463	(572)	1,083	600	483	
Vedanta Limited Consolidated	66,182	20,922	45,260	61,550	23,474	38,076	53,109	32,130	20,979	

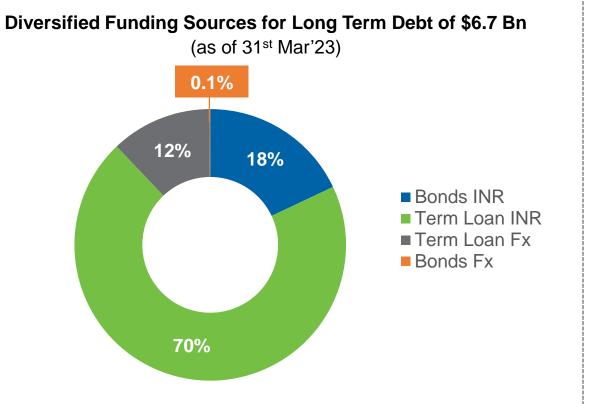
Notes:

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

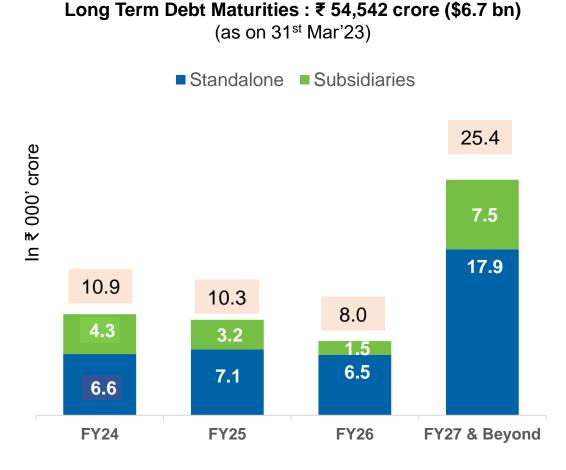
2. Others includes MALCO Energy, CMT, VGCB, Fujairah Gold, FACOR, Vedanta Limited's investment companies, ASI and Inter company elimination



### **Funding sources and term debt maturities**



Long Term debt of \$4.7 bn at Standalone and \$2.0 bn at Subsidiaries, total consolidated \$6.7 bn

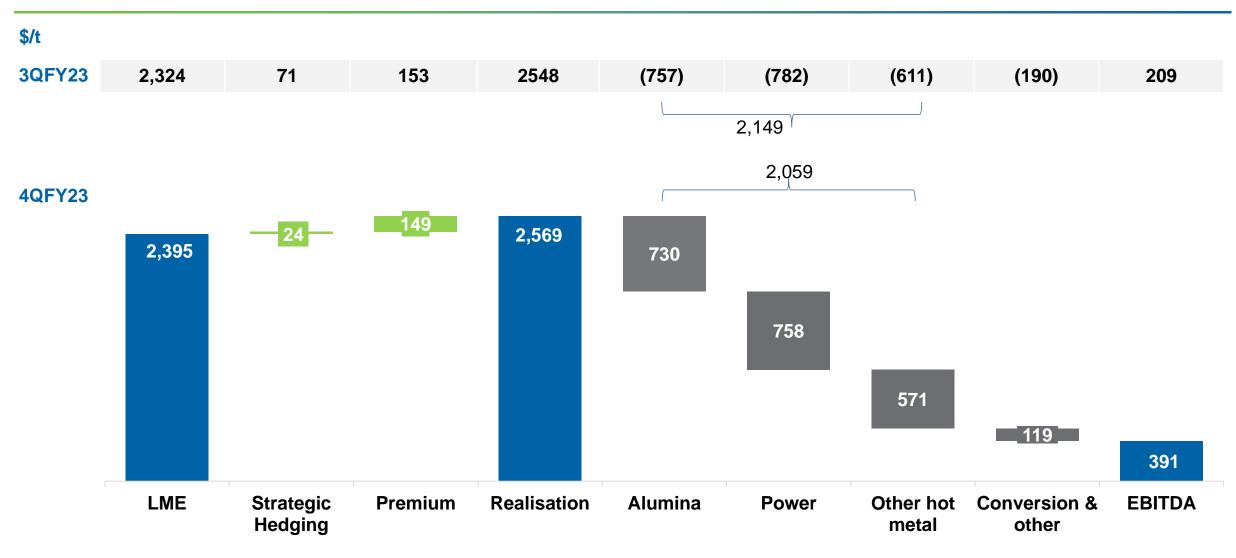


## **Segment Summary – Aluminium**

Particulars (in'000 tonnes, or as stated)	4QFY23	Quarter 4QFY22	3QFY23	FY23	Full Year FY22	% YoY
Alumina – Lanjigarh	411	503	443	1,793	1,968	(9%)
Total Aluminum Production	574	572	566	2,291	2,268	1%
Jharsuguda	430	428	424	1,721	1,687	2%
Balco	144	144	142	570	582	(2%)
Financials (In ₹ crore, except as stated)						
Revenue	12,396	15,475	11,877	52,403	50,881	3%
EBITDA – BALCO	491	1,322	88	792	4,335	(82%)
EBITDA – Vedanta Aluminium	1,370	3,896	876	5,045	13,002	(61%)
EBITDA Aluminum Segment	1,861	5,218	964	5,837	17,337	(66%)
Alumina CoP – Lanjigarh (\$/MT)	331	332	351	364	291	25%
Alumina CoP – Lanjigarh (₹ /MT)	27,200	24,900	28,800	29,200	21,600	35%
Aluminium CoP – (\$/MT)	2,059	2,182	2,149	2,324	1,858	25%
Aluminium CoP – (₹ /MT)	1,69,300	1,64,000	1,76,500	1,86,400	1,38,400	35%
Aluminum CoP – Jharsuguda (\$/MT)	2,039	2,183	2,101	2,291	1,839	25%
Aluminium CoP – Jharsuguda(₹ /MT)	1,67,600	1,64,100	1,72,500	1,83,800	1,37,000	34%
Aluminum CoP – BALCO (\$/MT)	2,121	2,179	2,295	2,424	1,913	27%
Aluminium CoP – BALCO (₹ /MT)	1,74,400	1,63,800	1,88,500	1,94,500	1,42,400	37%
Aluminum LME Price (\$/MT)	2,395	3,280	2,324	2,481	2,774	(11%)



# **Aluminium profitability**





### **Segment Summary – Zinc India**

Dreduction (in 1000 terms of or or other all)		Quarter			Full Year	
Production (in '000 tonnes, or as stated)	4QFY23	4QFY22	3QFY23	FY23	FY22	% YoY
Mined metal content	301	295	254	1,062	1017	4%
Integrated metal	269	260	257	1,032	967	7%
Refined Zinc – Integrated	215	211	210	821	776	6%
Refined Lead – Integrated <sup>1</sup>	54	49	46	211	191	10%
Refined Saleable Silver - Integrated (in tonnes) <sup>2</sup>	182	162	161	714	647	10%
Financials (In ₹ crore, except as stated)						
Revenue	8,254	8,587	7,613	33,120	28,624	16%
EBITDA	4,327	4,988	3,575	17,474	16,161	8%
Zinc CoP without Royalty (₹ /MT)	99,800	85,400	1,06,200	1,00,900	83,500	21%
Zinc CoP without Royalty (\$/MT)	1,214	1,136	1,293	1,257	1,122	12%
Zinc CoP with Royalty (\$/MT)	1,635	1,644	1,699	1,707	1,567	9%
Zinc LME Price (\$/MT)	3,124	3,754	3,001	3,319	3,257	2%
Lead LME Price (\$/MT)	2,140	2,335	2,098	2,101	2,285	(8%)
Silver LBMA Price (\$/oz)	22.6	24.0	21.2	21.4	24.6	(13%)

1. Excludes captive consumption of 1,862 tonnes in 4Q FY 2023 vs 1,804 tonnes in 3Q FY2023 and 1,547 tonnes in 4QFY2022. For FY23, it was 7,912 tonnes as compared to 6,951 tonnes in FY22.

2. Excludes captive consumption of 9.3 tonnes in 4Q FY 2023 vs 9.9 tonnes in 3Q FY2023 and 7.8 tonnes in 4QFY2022. For FY23, it was 41.4 tonnes as compared to 37.4 tonnes in FY22.



# **Segment summary – Zinc International**

		Quarter		Full Year			
Production (in'000 tonnes, or as stated)	4QFY23	4QFY22	3QFY23	FY23	FY22	% YoY	
Mined metal content- BMM	14	10	17	65	52	25%	
Mined metal content- Gamsberg	48	45	52	208	170	22%	
Total	63	55	69	273	223	22%	
Financials (In ₹ Crore, except as stated)							
Revenue	1,165	1,242	1,145	5,209	4,484	16%	
EBITDA	444	467	310	1,934	1,533	26%	
CoP – (\$/MT)	1,545	1,639	1,595	1,577	1,442	9%	
Zinc LME Price (\$/MT)	3,124	3,754	3,001	3,319	3,257	2%	
Lead LME Price (\$/MT)	2,140	2,335	2,098	2,101	2,285	(8%)	



# Segment Summary – Oil & Gas

		Quarter			Full Year			
OIL AND GAS (boepd)	4QFY23	4QFY22	3QFY23	FY23	FY22	% YOY		
Average Daily Gross Operated Production (boepd)	1,37,034	1,53,840	1,44,789	1,42,615	1,60,851	(11%)		
Rajasthan	1,12,546	1,32,443	1,18,314	1,19,888	1,37,723	(13%)		
Ravva	13,223	13,248	13,064	11,802	14,166	(17%)		
Cambay	10,923	8,065	13,308	10,777	8,923	21%		
OALP	343	84	104	147	39	277%		
Average Daily Working Interest Production (boepd)	86,890	99,513	91,623	91,485	1,03,737	(12%)		
Rajasthan	78,782	92,710	82,820	83,922	96,406	(13%)		
Ravva	2,975	2,981	2,939	2,655	3,187	(17%)		
Cambay	4,369	3,226	5,323	4,311	3,569	21%		
KG-ONN 2003/1	421	513	437	450	535	(16%)		
OALP	343	84	104	147	39	277%		
Total Oil and Gas (million boe)								
Oil & Gas- Gross operated	12.3	13.8	13.3	52.1	58.7	(11%)		
Oil & Gas-Working Interest	7.8	9.0	8.4	33.4	37.9	(12%)		
Financials (In ₹ crore, except as stated)								
Revenue	3,276	3,940	3,810	15,038	12,430	21%		
EBITDA	1,679	2,052	2,004	7,782	5,992	30%		
Average Oil Price Realization (\$/bbl)	77.9	95.7	84.7	92.4	77.1	20%		
Brent Price (\$ / bbl)	81.3	102.2	88.7	96.2	81.2	18%		



# Segment Summary – Oil & Gas

OIL AND CAS (boond)		Quarter			Full Year	
OIL AND GAS (boepd)	4QFY23	4QFY22	3QFY23	FY23	FY22	% YOY
Average Daily Production						
Gross operated	1,37,034	1,53,840	1,44,789	1,42,615	1,60,851	(11%)
Oil	1,11,359	1,30,758	1,18,530	1,18,634	1,35,662	(13%)
Gas (Mmscfd)	154	138	158	144	151	(5%)
Non-operated- Working interest	421	513	437	450	535	(16%)
Working Interest	86,890	99,513	91,623	91,485	1,03,737	(12%)
Rajasthan (Block RJ-ON-90/1)						
Gross operated	1,12,546	1,32,443	1,18,314	1,19,888	1,37,723	(13%)
Oil	91,658	1,12,501	98,216	1,00,254	1,16,437	(14%)
Gas (Mmscfd)	125	120	121	118	128	(8%)
Gross DA 1	98,365	1,14,963	1,01,944	1,04,088	1,20,911	(14%)
Gross DA 2	14,043	17,327	16,244	15,670	16,640	(6%)
Gross DA 3	137	153	126	129	172	(25%)
Working Interest	78,782	92,710	82,820	83,922	96,406	(13%)
Ravva (Block PKGM-1)						
Gross operated	13,223	13,248	13,064	11,802	14,166	(17%)
Oil	11,470	11,681	11,102	10,287	12,067	(15%)
Gas (Mmscfd)	11	9	12	9	13	(31%)
Working Interest	2,975	2,981	2,939	2,655	3,187	(17%)
Cambay (Block CB/OS-2)						
Gross operated	10,923	8,065	13,308	10,777	8,923	21%
Oil	8,070	6,493	9,120	7,994	7,119	12%
Gas (Mmscfd)	17	9	25	17	11	55%
Working Interest	4,369	3,226	5,323	4,311	3,569	21%
Average Price Realization		· · · · · · · · · · · · · · · · · · ·			·	
Cairn Total (US\$/boe)	77.5	92.3	84.6	91.8	74.8	23%
Oil (US\$/bbl)	77.9	95.7	84.7	92.4	77.1	20%
Gas (US\$/mscf)	12.7	12.1	14.1	14.8	10.3	44%



# **Segment Summary – Iron Ore and Steel**

#### Iron Ore

Particulars (in million dry metric tonnes, or as		Quarter		Full Year			
stated)	4QFY23	4QFY22	3QFY23	FY23	FY22	% YoY	
Production of Saleable Ore	1.5	1.4	1.4	5.3	5.4	(2%)	
Goa	-	-	-	-	-	-	
Karnataka	1.5	1.4	1.4	5.3	5.4	(2%)	
Production ('000 tonnes)							
Pig Iron	186	178	200	696	790	(12%)	
Financials (In ₹ crore, except as stated)							
Revenue	2,219	1,866	1,411	6,503	6,350	2%	
EBITDA	358	549	54	988	2,280	(57%)	

#### Steel

Derticulare (in (000 tennes, or as stated)		Quarter		Full Year			
Particulars (in '000 tonnes, or as stated)	4QFY23	4QFY22	3QFY23	FY23	FY22	% YoY	
Total Production	386	328	306	1,285	1,260	2%	
Pig Iron	58	48	54	192	186	3%	
Billet Production	276	241	212	947	932	2%	
Billet Consumption (inter category adj.)	(270)	(255)	(200)	(920)	(840)	10%	
TMT Bar	142	130	97	463	399	16%	
Wire Rod	122	118	98	407	421	(3%)	
Ductile Iron Pipes	59	45	45	196	164	20%	
Financials (In ₹ crore, except as stated)							
Revenue	2,605	2,212	1,804	7,852	6,474	21%	
EBITDA	301	239	(66)	316	701	(55%)	
Margin (\$/t)	97	80	(28)	32	74	(57%)	



### Copper

Dreduction (in 2000 tennes, or as stated)	Quarter			Full Year		
Production (in '000 tonnes, or as stated)	4QFY23	4QFY22	3QFY23	FY23	FY22	% YoY
Copper - Cathodes	34	34	34	148	125	18%
Financials (In ₹ crore, except as stated)						
Revenue	5,107	4,351	4,158	17,491	15,151	15%
EBITDA	50	16	(55)	(4)	(115)	97%
Copper LME Price (\$/MT)	8,927	9,997	8,001	8,530	9,689	(12%)

#### FACOR

Production (in '000 tonnes, or as stated)		Quarter			Ful Year		
Froduction ( <i>m ood tonnes, of as stated</i> )	4QFY23	4QFY22	3QFY23	FY23	FY22	% YoY	
Total Production							
Ore Production	51	43	64	290	250	16%	
Ferrochrome Production	19	18	19	67	75	(11%)	
Financials (In ₹ crore, except as stated)							
Revenue	210	221	189	768	830	(8%)	
EBITDA	36	82	35	149	325	(54%)	
Margin (\$/MT)	310	470	200	228	534	(57%)	



## **Sales Summary – Zinc and Aluminium**

Calaa walumaa		Quarter		Full	Year
Sales volume	4QFY23	4QFY22	3QFY23	FY23	FY22
Zinc-India Sales					
Refined Zinc (kt)	216	214	210	821	777
Refined Lead (kt)	54	49	46	211	192
Total Zinc-Lead (kt)	270	263	257	1032	969
Silver (tonnes)	182	162	161	714	647
Zinc-International Sales					
Zinc Concentrate (MIC)	55	51	57	231	195
Total Zinc (Conc)	55	51	57	231	195
Lead Concentrate (MIC)	9	5	12	43	28
Total Zinc-Lead (kt)	64	56	69	274	223
Aluminium Sales					
Sales - Wire rods (kt)	117	95	109	427	331
Sales - Rolled products (kt)	9	8	8	29	33
Sales - Busbar and Billets (kt)	79	113	51	275	391
Sales- Profoundry Alloys (kt)	25	21	22	102	94
Sales- Others (kt)	13	11	10	45	44
Total Value-added products (kt)	243	247	199	879	893
Sales - Ingots (kt)	336	339	362	1407	1377
Total Aluminium sales (kt)	578	586	561	2285	2270



## Sales summary – Iron & Steel, FACOR and Power

Sales volume		Quarter		Full Year		
	4QFY23	4QFY22	3QFY23	FY23	FY22	
Iron ore sales						
Goa (mn dmt)	0.2	0.5	0.2	0.7	1.1	
Karnataka (mn dmt)	1.6	1.7	1.2	5.0	5.7	
Total (mn dmt)	1.8	2.3	1.4	5.7	6.8	
Pig Iron (kt)	217	186	169	682	790	
Steel sales (kt)	391	399	297	1,257	1,275	
Pig Iron	59	50	54	193	189	
Billet	14	3	1	19	96	
TMT Bar	133	163	97	450	402	
Wire Rod	126	132	94	404	422	
Ductile Iron Pipes	59	50	51	191	167	
Facor sales						
Ferrochrome (kt)	19	18	19	67	77	
Copper-India sales						
Copper Cathodes (kt)	1	1	1	7	8	
Copper Rods (kt)	43	39	40	157	128	

Sales volume	Quarter		Full Year		
Power Sales (mu)	4QFY23	4QFY22	3QFY23	FY23	FY22
Jharsuguda	841	-	736	3,048	2,060
TSPL	2,659	2,486	2,651	10,744	8,259
BALCO	456	251	178	648	1,139
HZL Wind power	71	66	50	395	414
Total sales	4,027	2,803	3,615	14,835	11,872
Power Realizations (₹/kWh)					
Jharsuguda 600 MW	2.65	-	2.64	2.75	2.60
TSPL <sup>1</sup>	4.57	3.62	4.36	4.50	3.62
Balco	4.34	3.83	3.67	3.66	3.65
HZL Wind power	4.21	4.26	3.82	4.31	4.14
Average Realisations <sup>2</sup>	3.29	3.92	2.89	3.04	3.10
Power Costs (₹/kWh)					
Jharsuguda 600 MW	2.22	-	2.51	2.50	2.57
TSPL <sup>1</sup>	3.40	2.77	3.51	3.65	2.76
Balco	2.66	2.62	3.02	2.53	2.63
HZL Wind power	1.57	1.67	2.44	1.16	1.05
Average costs <sup>2</sup>	2.33	2.42	2.60	2.38	2.42
EBITDA (₹ crore)	358	188	271	851	1,082
TSPL PAF	77%	93%	85%	82%	76%



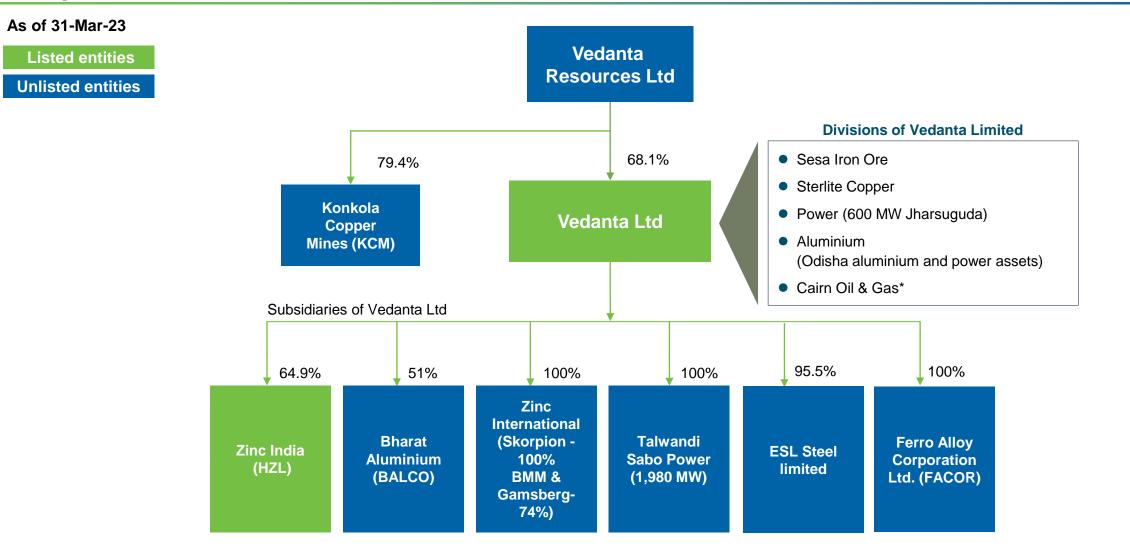
PAF: Plant Availability Factor

Foreign Currency - Impact of ₹1 depreciation in FX Rate			
Currency	Increase in EBITDA		
INR/USD	~ ₹ 1000 crore / year		

Commodity prices – Impact of a 10% increase in Commodity Prices					
Commodity	FY23 Average price	Impact on EBITDA (\$mn)			
Oil (\$/bbl)	96	74			
Zinc (\$/t)	3,319	312			
Aluminium (\$/t)	2,481	461			
Lead (\$/t)	2,101	47			
Silver (\$/oz)	21	52			



### **Group structure**





Note: Shareholding as on Mar 31, 2023 \*50% of the share in the RJ Block is held by a subsidiary of Vedanta Ltd;

### Awards and Recognition - 4QFY23

Our group companies received more than 50 awards in the finance, operational excellence, sustainability, CSR and **HR** categories

Sustainability development CSR

Hindustan Zinc Recognized with 'A' score for Transparency on Climate Change by CDP

VAL – J, won Platinum award in Fame India Excellence Award for excellence in Fire and Security

BALCO awarded with "Sustainable Factory of the year award" at Frost and Sullivan Sustainability

Hindustan Zinc's Chanderiya & Dariba Captive Power Plant receive the Mission Energy Foundation Award for Efficient Fly Ash Management in Northern region



**Finance and Operational** 

HZL and BALCO won multiple awards at 36th National Convention on Quality Concepts (NCQC 2022)' for Business excellence and Quality

VAL – J awarded with 25 Awards at 36th National Conventional Quality Concepts (NCQC 2022) for Business excellence and Quality

HZL's Group of Mines received 5- Star Rating under 'A' list category of Mines by Indian Bureau of Mines

HZL's Chanderiva & Dariba Captive Power Plant receive the Mission Energy Foundation Award for Efficient Fly Ash Management in Northern region





Vedanta Limited won prestigious "Kincentric Best Employer of the year 2022 award'

VAL – L awarded with CII National HR excellence award for excellence in Human **Resource Management** 



Cairn Oil and Gas won Economic Times Human Capital Award for Excellence in Creating a Culture Learning and Upskilling



BALCO won 'Top 50 among India's Best Workplaces in Manufacturing 2023' award by Great Place to work



awards

Vedanta Limited 4QFY23 Investor Presentation

VAL-J: Vedanta Limited Jharsuguda; HZL: Hindustan Zinc Ltd; VAB: Value added business;

Results conference call is scheduled at 5:00 PM (IST) on May 12, 2023. The dial-in numbers for the call are given below:

Event	Telephone Number			
Earnings conference call on		+91 22 6280 1114		
May 12, 2023, from 5:00 - 6:00 PM (IST)	Universal Dial-In	+91 22 7115 8015		
	India National Toll Free	1 800 120 1221		
		Canada	01180014243444	
	International Toll Free*	Hong Kong	800964448	
		Japan	00531161110	
		Netherlands	08000229808	
		Singapore	8001012045	
		UK	08081011573	
		USA	18667462133	
Online Registration Link	Click here - Registration Link			
Call Recording	Will be available on website on May 12, 2023			

