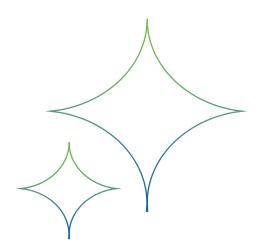


### **CORPORATE PRESENTATION**

**AUGUST 2023** 

**VEDANTA LIMITED** 



## TRANSFORMING TOGETHER

Inclusive. Responsible. Value-accretive delivery



#### **Vedanta Limited – Overview**

# A globally diversified natural resources powerhouse

Aluminium | Zinc-lead-silver | Oil & Gas | Iron & Steel | Power | Copper Ferro Chrome | Nickel | Semiconductor and Display

\$18 Bn

**FY23 Revenue** 

\$11 Bn

Dividend over the last decade

1st quartile

In cost Curve across key segments

Committed to

ESG leadership
"Net Zero by 2050 or sooner"

\$32 Bn

**Exchequer contribution in last 5 years** 

\$4.4 Bn

**FY23 EBITDA** 

\$14 Bn

Capex over the last decade

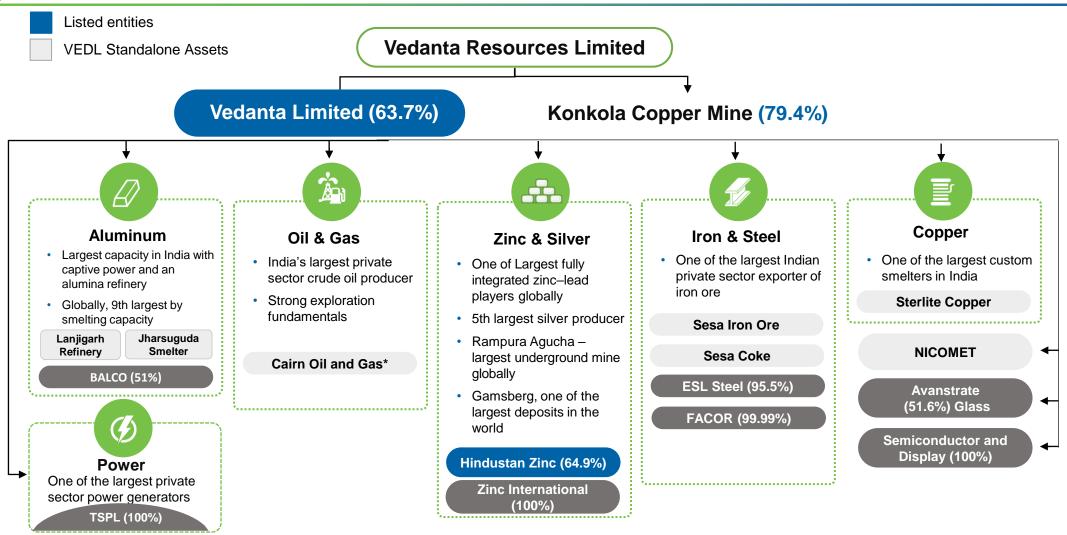
**25**+ years Mine life

**AA** rating **CRISIL** and India Ratings

**87,500**+ **Total Workforce** 



#### **Group structure**





#### Investment Case: Producer of commodities that are increasingly important to energy transition



- World-class natural resources powerhouse
- Well positioned to capitalize on India's growth
- Proven track record of operational excellence with well invested assets
- 4 Disciplined capital allocation framework
- Committed to industry leadership in ESG
- Robust financial profile
- Focused on digitalization and innovation to drive efficiency



#### World class diversified natural resource powerhouse





Note: Maps not to scale; Mt. Lyell mine is under care and maintenance



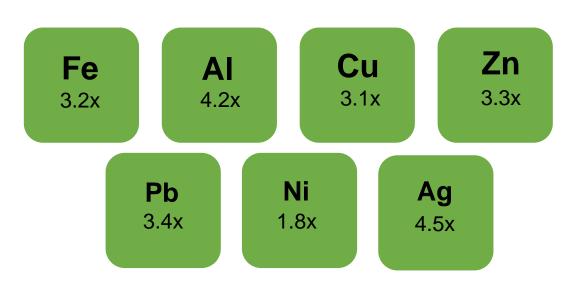
#### Our portfolio provides commodities that are critical to energy transition

Clean energy shift

Mineral intensity vs conventional tech

Electric vehicles	5x
Solar PV	5x
Offshore wind	9x
Onshore wind	6x

Key mineral for clean energy technologies



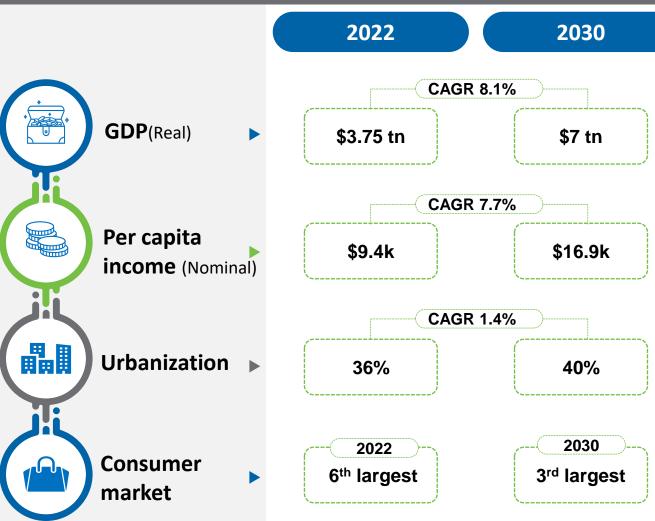
At present, commodities are under invested

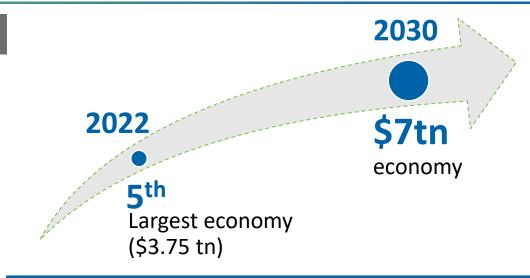
Vedanta's presence



# Well positioned to capitalise on global natural resource potential and India's growth outlook (2/2)







#### Zinc, Aluminium and Oil & Gas contribute 90% of EBITDA\*

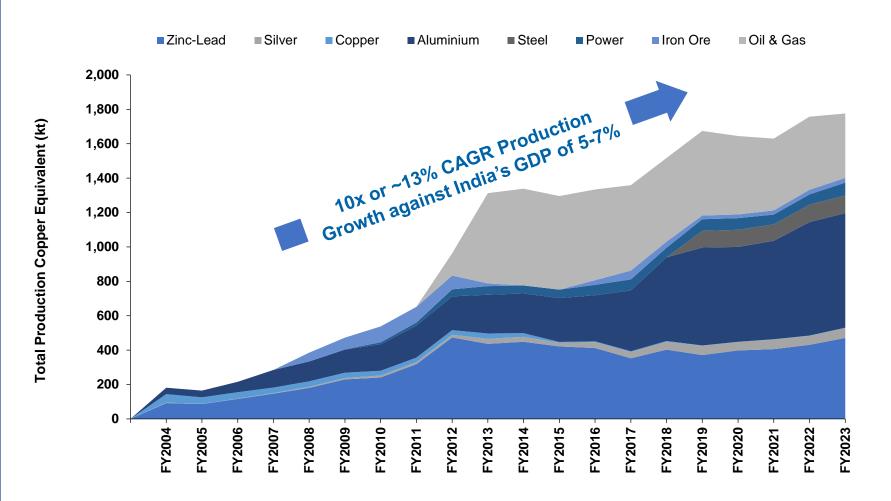


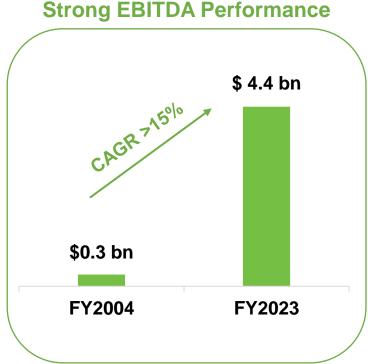


Source: IMF
\* on FY23 EBITDA basis



#### Proven track record of operational excellence





till date

# **Aluminium Business**





100% integrated aluminum producer



Vedanta Aluminium Business to be:



First quartile cost curve producer



**Top 3 primary Aluminium producer** in the world ex-China



Producer with 30% low carbon 'green' Aluminium mix



A digitally-enabled operator



Focused on sustainable operations



# Aluminium business: Set to be among top 3 globally\* delivering superior value for all its stakeholders



# 100% INTEGRATION

Backward & Forward



COST LEADERSHIP

Structural Intervention, 1st Quartile



**CUSTOMER CENTRICITY** 

Co-create products, Value Creation,

Supplier of choice for green Aluminium



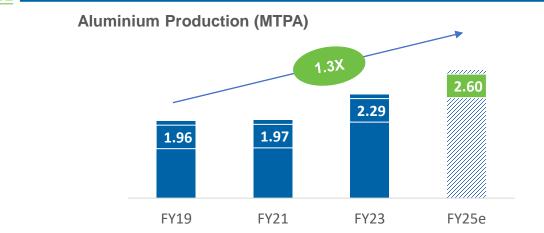
FUTURE READY Technology adoption, Leadership



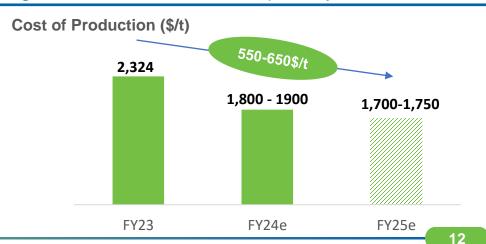


**DIGITAL** 





Aiming for Global cost leadership in 2 years

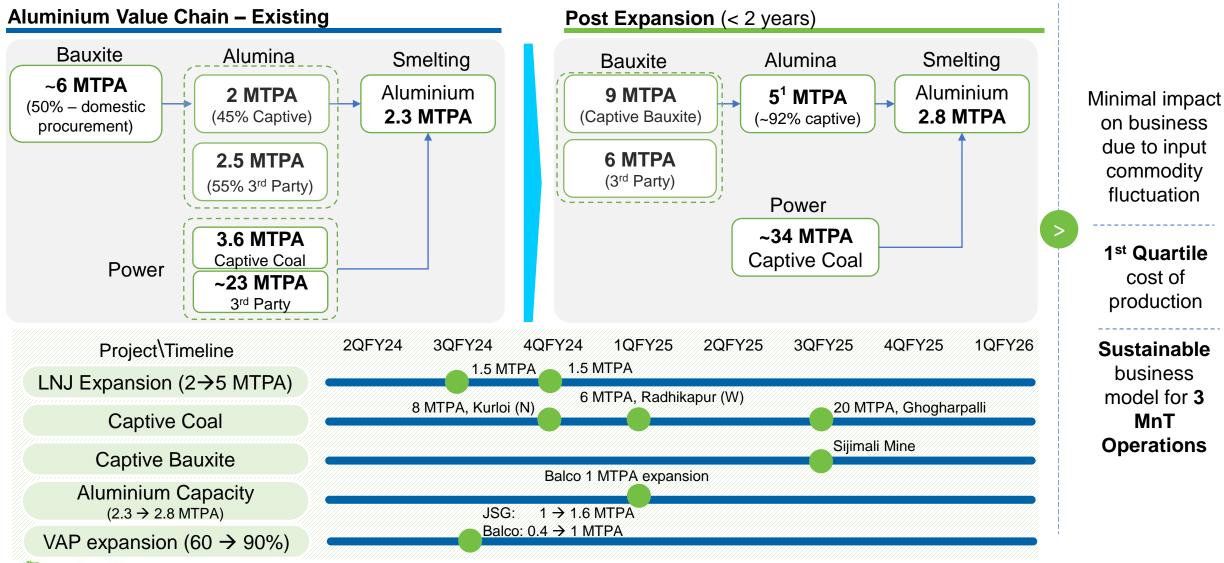




<sup>\*</sup> Ex China Capacity



#### **Aluminium Business: Vision to be 3 MTPA Aluminium producer**



# **Zinc Business**



#### PAN TO THE REAL PROPERTY.

Vision –

"Be the world's largest and most admired Zinc, Lead & Silver Company"

Hindustan Zinc to be:



Largest integrated zinc-lead company & top 3 silver producer



Lowest cost producer for mines and smelters



Increase VAP contribution to 30% and enter new segments-fertilizers & batteries

Vedanta Zinc International to be:



500Ktpa producer driven by pipeline of highquality projects



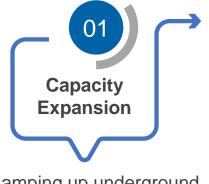
1st Quartile cost of production

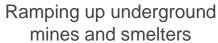


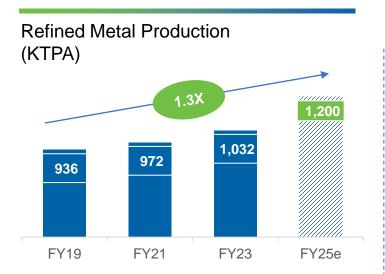
ESG leader and successful example of sustainable mining



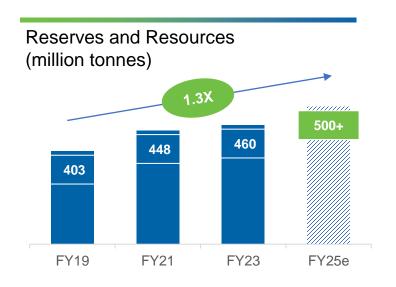
#### Zinc India: Our strength and our pride | Paving way for greater growth



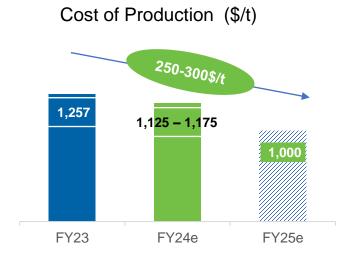














#### Zinc International: Poised to deliver significant value

#### **Current Operations**

#### **Gamsberg Operations:**

- One of the world's largest Zinc deposits
- Phase 1 → 250 KTPA MIC capacity

#### **BMM Operations:**

- Underground mining
- 75 KTPA MIC capacity

# Gamsberg Open Pit Layout

Ore production at 4 MTPA; Post expansion 8MTPA

#### VZI to deliver 500 KTPA+ MIC run rate within 2 years

#### **Gamsberg Expansion (Phase – 2)**



**\$466 mn**Approved Capex



4 MTPA → 8 MTPA
Open Cast mine expansion

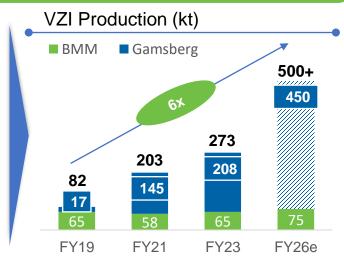


**NEW 4 MTPA** 

Concentrator



Installed Capacity at 4 MTPA; Post expansion 8MTPA

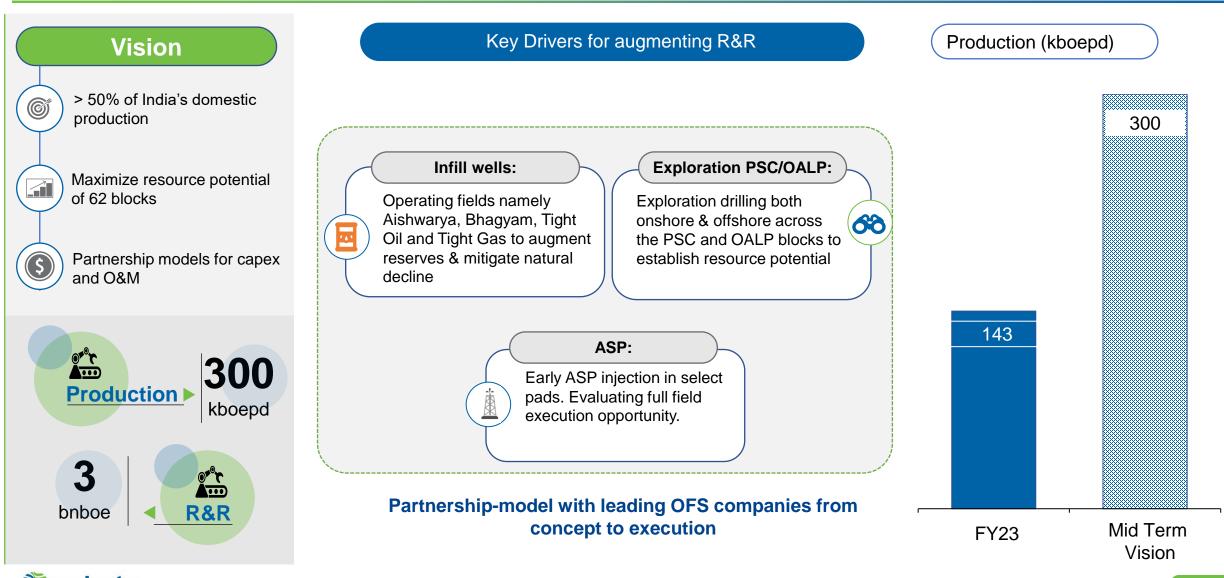




New tailing dam with HDPE lining as per environmental regulations



# Oil & Gas: Rich portfolio mix spread across basins; focus on augmenting R&R to increase production volume



vedanta
transforming for goo

#### Iron & steel: Potential to create long term growth



- Expansion at Bokaro / Goa
- Greenfield at Bellary
- VAP portfolio expansion
- Captive Iron Ore

#### **Current growth project:**

- Growth capex of \$349 mn
- Doubling HM Capacity to 3 MTPA
- Project completion → FY24

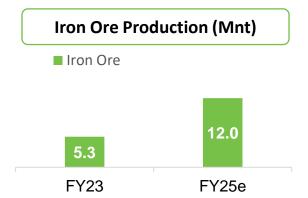
**Steel & VAP Capacity (Mnt)** 



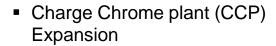


#### IRON ORE

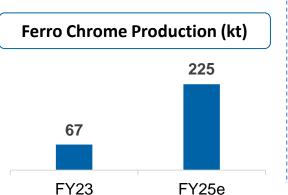
- Started mines in Liberia
- Reserves and Resources Augmentation through Exploration
- Operationalise Goa Mines
- New mine acquisition







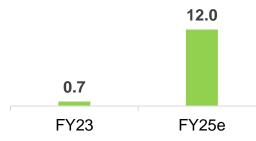
- Mine Expansion
- Reserves and Resources Augmentation through Exploration





- Started Operations
- Debottlenecking
- Capacity Expansion
- Captive Nickel Mine

#### Nickel Production (kt)



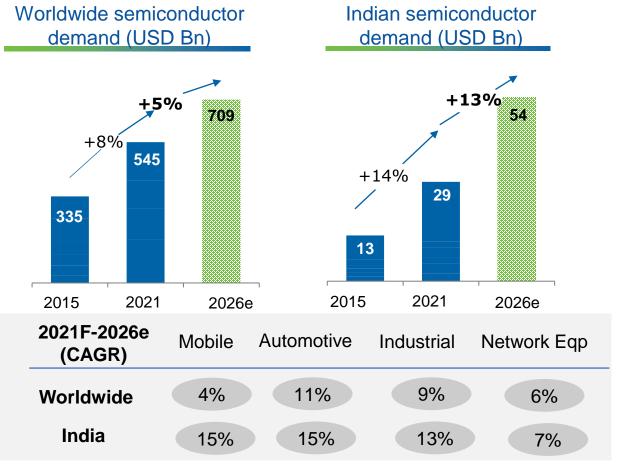


VAP: Value Added Product; HM: Hot metal

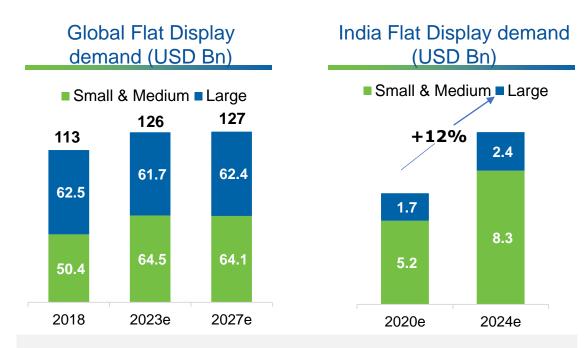


# Semiconductor and Display Business: Thriving to create value and explore untapped opportunities

India Semiconductor demand expected to outgrow global demand by 8% with 60%+ from mobile segment by 2026



Global Flat Panel Display market to grow to ~USD 130 Bn by 2027, Indian market to ~USD 11 Bn in 2024



- Global display market is stable growing at 2% CAGR
- Indian display market is estimated to grow at 12% CAGR



#### **Disciplined capital allocation framework**

#### **Key Strategic Priority**



#### Optimize Leverage Ratio

- Intend to deleverage at group level
- Leverage ratio at Vedanta Limited should not be more than 1.5x

# Capital Allocation Capital DIVIDEND MERGERS & ACQUISITIONS

#### **Project Capex**

- Volume augmentation, cost reduction or creating value added products are key guiding principles for all projects
- Growth projects to ensure minimum guidelines for IRR ~18%

#### **Sustaining Capex**

- o All sustaining capital expenditure to be a part of Business Plan
- Sustaining capex to be defined and tracked in \$/tonne
- Minimum 30% of Attributable Profit after tax (before exceptional items) of Company (excluding profits of HZL)

Dividend income received from HZL will be pass through within 6 months

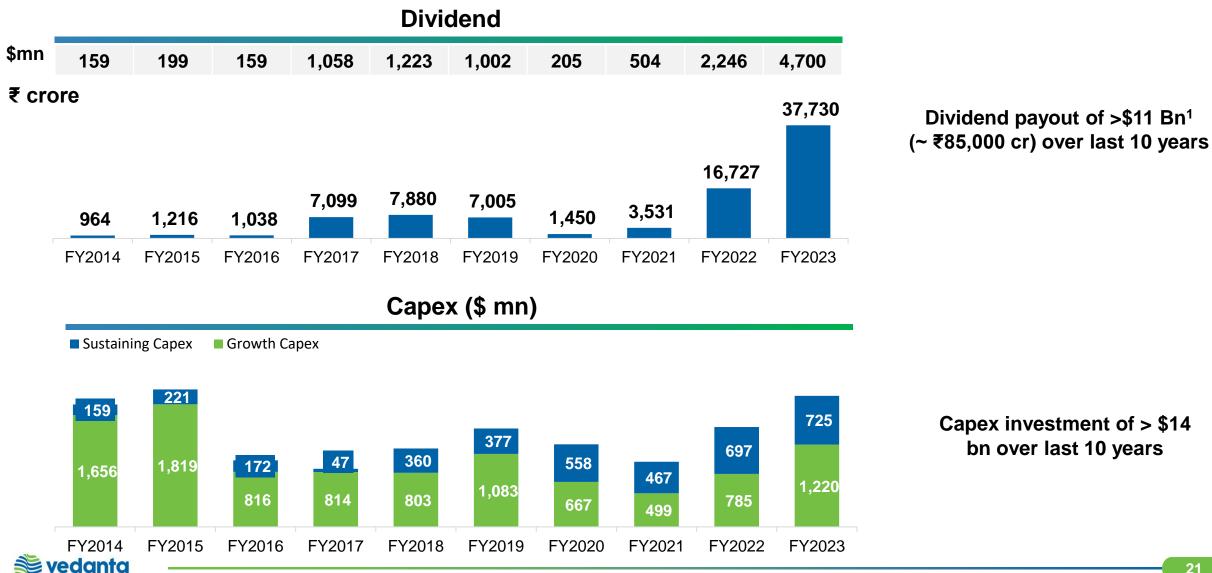
Intent to enhance value via acquiring accretive assets/business that have synergies with existing line of core businesses

#### Maximize Total Shareholder Return (TSR)





#### Emphasis on superior and consistent shareholder returns while investing for growth





#### Progressing well on our key ESG aims

Uplifting over 100 mn women & children through Education, Nutrition, Healthcare & Welfare



#### Women & Children to be uplifted

FY30 Target – 23 million FY23 update – 12 million

Innovating for a greener business model



Waste utilization (HVLT) (%)

FY21 Baseline – 94% FY30 Target – 100% FY23 update – 162% Net carbon neutrality by 2050 or sooner



**GHG intensity** (tCO<sub>2</sub>e/t of metal)

FY21 Baseline – 6.45 FY25 Target – 5.2 FY23 update – 6.22

Promote gender parity, diversity and inclusivity



**Gender diversity in organization(%)** 

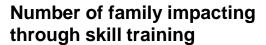
FY21 Baseline – 11% FY30 Target – 20% women FTEs FY23 update – 14% Achieving net water positivity by 2030



**Water Positivity Ratio** (%)

FY21 Baseline – 0.54 FY30 Target – Net Water Positive FY23 update – 0.62

Empowering over 2.5 million families with enhanced skillsets

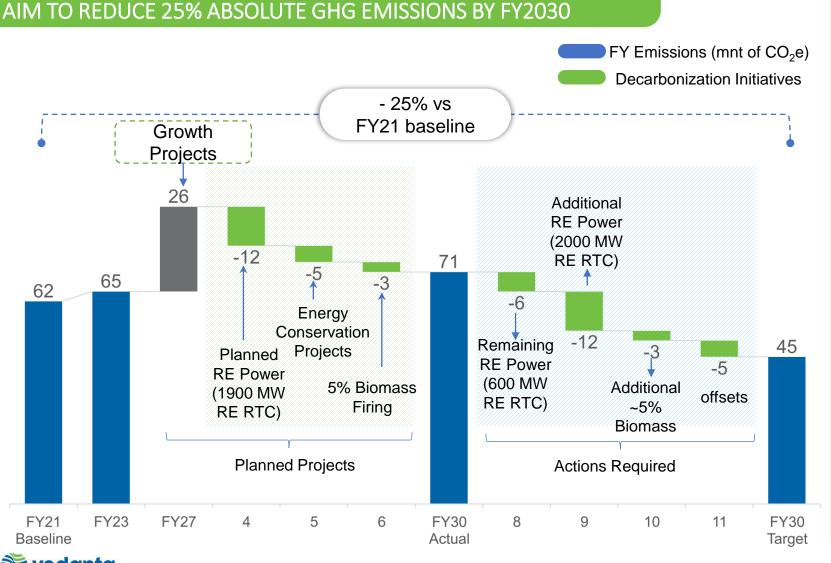


FY25 Target – 1.5 million FY23 update – 0.6 million





#### **Net-Zero Carbon by 2050 or Sooner - Roadmap**



- 80 projects in planning or implementation stage during FY24
- 40% in advanced stages of planning
- Project Mix:
  - o RE
  - Energy efficiency
  - o Fuel-switch
  - o Plantation

#### Key Non-RE Decarbonization Projects

- o 5% biomass co-firing in power plants
- Green copper certification & branding
- Scaling up of recycled copper production
- Auxiliary reduction at smelter BALCO
- Switch to EVs across BUs
- Turbine capacity enhancement
- Plantation of 1 million trees

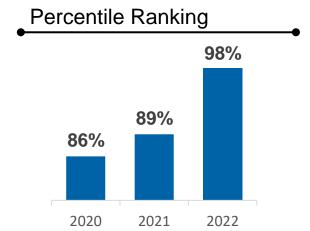


23



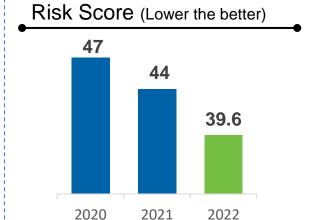
#### ESG Ratings: significant improvement across key external ratings





- Vedanta among top 10 **Industry Leaders**
- Vedanta ranks 6<sup>th</sup> among top 10 diversified peers



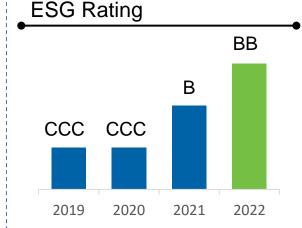


- Vedanta improved its score by 4.5 points
- Vedanta entered High-Risk category from Severe Risk





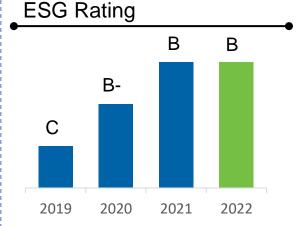






Rating is above Industry average





- B-rating for CDP Climate & CDP Water
- CDP Water disclosed for 1st time





#### **Board of Directors with a global and diversified experience**



**Anil Agarwal** Non-Executive Chairman four decades of entrepreneurial and mining experience



**Navin Agarwal Executive** Vice Chairman four decades of strategic executive experience



**Arun Mishra Executive Director** 35+ years of experience of leading in various strategic positions



**DD Jalan Non-Executive** Independent **Director** 40+ years of experience in managing business and finance in large M&M companies



**Padmini** Sekhsaria **Non-Executive** Independent Director Founder of Salaam Bombay Foundation, one of the largest schoolbased preventive health program in India

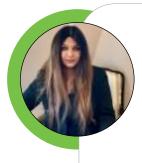


**Non-Executive** Independent **Director** former SEBI chairman

**UK Sinha** 



**Non-Executive** Independent **Director** 44+ years of experience in mining



**Non-Executive** Non-Independent Director playing a crucial role in strengthening Vedanta's ESG practices

**Priya Agarwal** 





#### **Experienced management team**



Sonal Shrivastava Group CFO B.Tech., MBA Exp: 26 years



Madhu Srivastava Group CHRO PGDM – IIM A Exp: 23 years



Arun Misra
Executive Director VEDL
and WTD & CEO - Zinc
B.Tech. – IIT Kharagpur
Exp: 35 years



John Slaven
CEO Aluminium
Harvard Business School,
MBA
Exp: 37 years



Dr. Steeve Moore CEO Cairn Phd. Chemical Engg. Exp: 35 years



Sanjeev Gemawat Group General Counsel LLB, LLM, Ph.D, FCA, FCS,FCMA Exp: 29 years



Ritu Jhingon
Director - Corporate
Communication
MBA
Exp: 30 years



Srikant Saboo Director, Group Commercial & Marketing CA, MBA Exp: 26 years



Sunil Gupta
CEO – Vedanta Limited
Jharsuguda
B.Tech.
Exp: 27 years



Rajesh Kumar CEO & WTD - BALCO B.Tech. MBA Exp: 36 years

Exp: 23 years



Navin Jaju CEO – Sesa Goa Iron Ore B.Com., C.A. Exp: 27 years



Ashish Gupta
CEO – ESL Steel
B.E., MBA, Gen Mgmt.
(CEDEP) – INSEAD France
Exp: 29 years



Vibhav Agarwal CEO Power MBA - NITIE, B.Tech. - NIT Warangal Exp: 21 years



Rajinder Singh Ahuja
Group HSE & Sustainability
Head
B.E. Electrical



Pankaj Kumar Sharma CEO FACOR B.Tech. Exp: 24 years



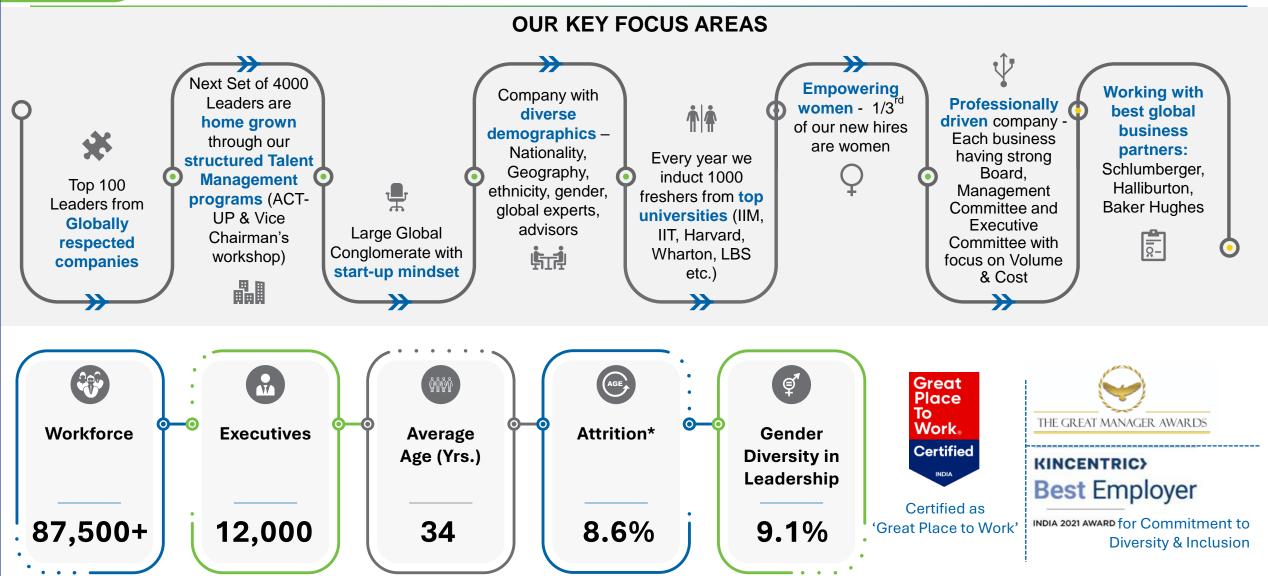
Puneet Khurana CEO Copper BE, MBA Exp: 15 years



Rohit Agarwal
Director – MAS
CA
Exp: 18 years



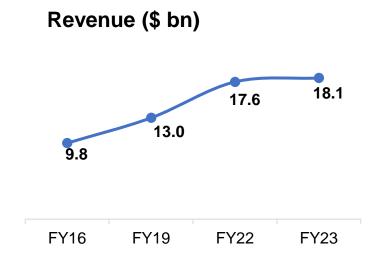
#### People – our biggest asset

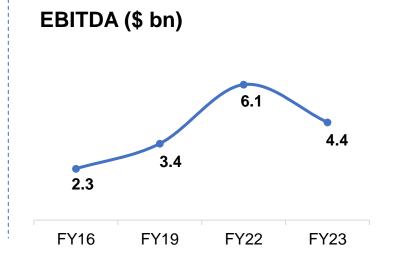


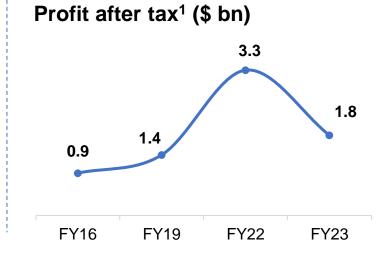
<sup>\*</sup> Based on full time employee across group

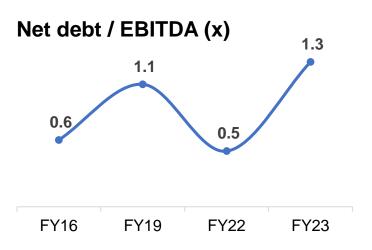
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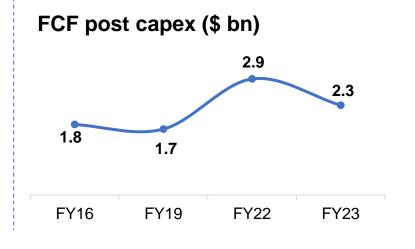
#### Robust financial profile with improving ROCE, increasing cash flow and a stronger balance sheet

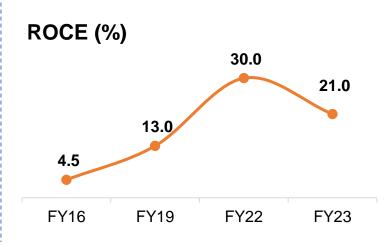












#### Strategy to enhance long term value











STRATEGIC PRIORITIES

Committed to ESG leadership

Augment reserves & resources base

Operational excellence and cost leadership

Optimise capital allocation & maintain strong Balance Sheet

Delivering on growth opportunities

FOCUS AREAS



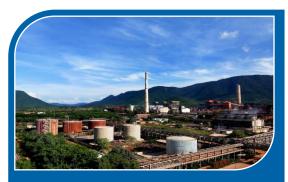
 Achieve net zero carbon mission by 2050 and water positivity by 2030 Disciplined approach to exploration

- Focus on full capacity utilization
- Improve business efficiencies
- Maintain 1st quartile cost curve positioning globally
- Digital transformation

- Maximize Free cash flow and optimize leverage
- Disciplined capital allocation
- Proactive risk management

- Timely execution of growth projects
- Focus on growing our operations organically through brownfield opportunities

#### To sum up:





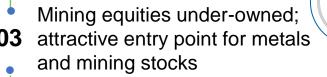


Provider of increasingly

**01** important minerals that are critical to energy transition



Organic earnings underpinned by structural improvement



Ongoing expansion at HZL; Scope for higher silver recovery

Aluminium backward integration, higher production, higher VAP → additional \$1bn through-cycle annual EBITDA

Zinc International production doubling on committed capex and huge scope given reserves > HZL

Oil & Gas production stabilized; line of sight to higher production







**VEDANTA LIMITED** 

# **INVESTOR PRESENTATION**August 2023



**Appendix** 

#### 1QFY24 Operational Highlights

#### Strong existing business performance; New venture – A step towards India's self reliance

#### **Operational Highlights**

#### Aluminium

- Metal Production grew 2% y-o-y and 1% q-o-q
- Hot metal CoP lower by 27% y-o-y and 6% q-o-q
- Zinc India
  - Achieved highest-ever 1Q mined metal production up 2% y-o-y
  - CoP lower by 6% y-o-y
- Zinc International total production grew 1% y-o-y and 9% q-o-q
  - BMM production higher by 29% y-o-y
- Iron Ore-VAB achieved highest ever production, up13% y-o-y and 15% q-o-q
- Steel production higher by 20% y-o-y
- Power sales increased by 19% y-o-y and 6% q-o-q

#### **Other Highlights**





- Strategic Review of Steel and Steel Raw Materials Businesses
- Foray into Semiconductor and Display Business for creating shareholder value
- FACOR commissioned and stabilised 33 MVA furnace



Iron Ore acquired Cudnem mineral Block; Estimated R&R of 8.3 Mnt

#### **Income statement**

#### Depreciation & Amortization

- 1QFY24 reduced by 8%QoQ largely due to decrease in amortization at HZL
- 1QFY24 increased by 3% YoY mainly due to capitalization of assets at VAL and higher amortization in HZL

#### Finance Cost

 1QFY24 increased by 17% QoQ and 75% y-o-y owing to increase in average borrowings and blended cost of borrowings

#### Investment Income

- 1QFY24 reduced by 47% QoQ mainly due to change in investment mix, mark to market movement and interest in income tax refund in 4QFY23
- 1QFY24 reduced by 13% YoY mainly due to change in investment mix and mark to market movement

#### Taxes FY23 vs FY22

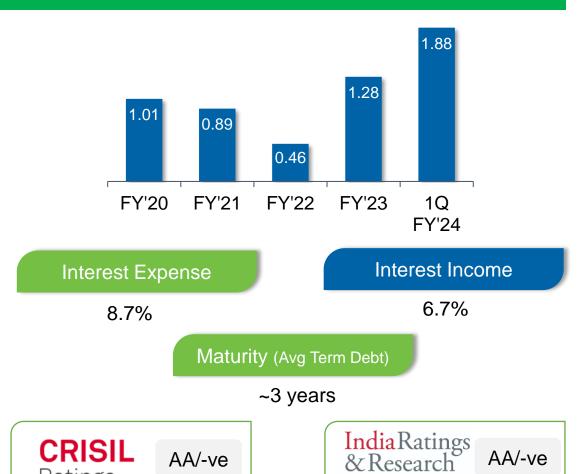
 1QFY24 normalized (ETR) excluding exceptional item of 1,780 crore is 34%, compared to 31% in 4Q FY 23 and 23% in 1Q FY23. The movement is largely on account of change in profit mix

In ₹ Crore	1Q	4Q	1Q
in & Grore	FY24	FY23	FY23
Revenue from operations	33,342	37,225	38,251
Other operating income	391	705	371
EBITDA	6,975	9,362	10,741
Depreciation & amortization	(2,550)	(2,765)	(2,464)
Exploration Cost written off	(312)	(39)	(62)
Finance Cost	(2,110)	(1,805)	(1,206)
Investment Income	506	958	583
Exchange gain/(loss)	(203)	(117)	(332)
Exceptional item Credit/(Expense)	1,780	(1,336)	-
Tax (Charge)/Credit	(778)	(1,709)	(1,668)
Tax credit/(charge) on exceptional items	-	583	-
PAT before exceptional	1,528	3,885	5,592
Profit/(Loss) After Taxes	3,308	3,132	5,592
Share of Associates and Jointly Controlled Entities	-	-	1
Profit after Taxes after Share of Associates and Jointly Controlled Entities	3,308	3,132	5,593



#### **Balance sheet and debt breakdown**

#### Net debt / EBITDA



A Fitch Group Company

#### **Debt breakdown**

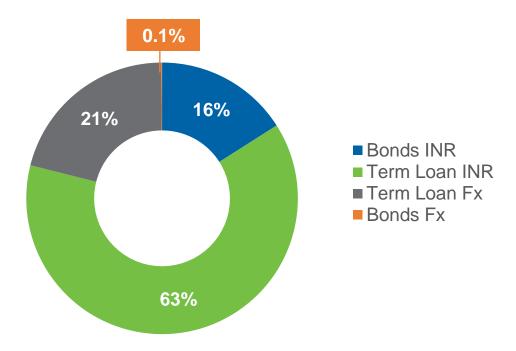
Gross Debt (₹ 000' crores)	As on 30 June 2023	As on 31 March 2023
Term debt	62.5	54.5
Working capital	4.8	2.7
Short term borrowing	6.2	8.9
Total consolidated debt	73.5	66.2
Cash and Cash Equivalents	14.3	20.9
Net Debt	59.2	45.3
Debt breakup		
- INR Debt	82%	90%
- Foreign Currency Debt	18%	10%



Ratings

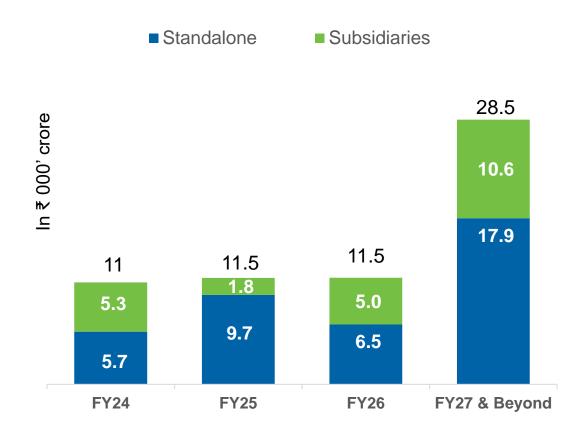
#### Funding sources and term debt maturities

# Diversified Funding Sources for Long Term Debt of \$7.6 Bn (as of 30<sup>th</sup> Jun'23)



Long Term debt of \$4.8 bn at Standalone and \$2.8 bn at Subsidiaries, total consolidated \$7.6 bn

# Long Term Debt Maturities : ₹ 62,486 crore (\$7.6 bn) (as on 30<sup>th</sup> Jun'23)



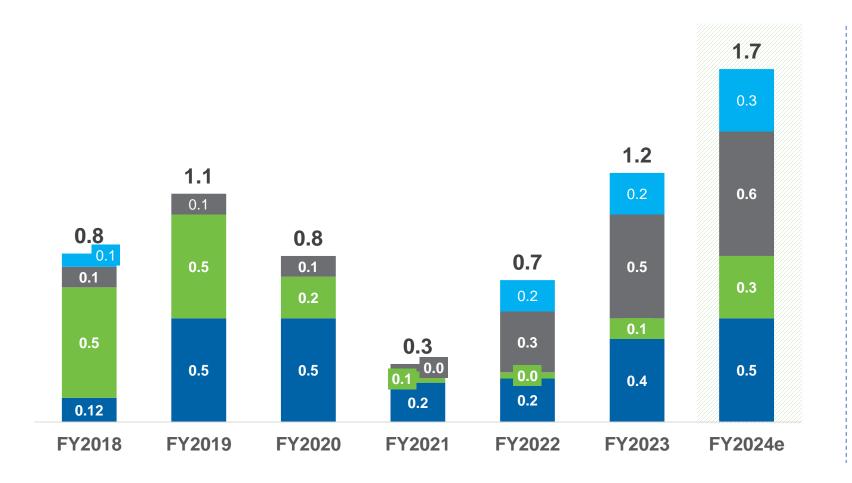


Note: USD-INR: ₹ 82.07 on 30st Jun 2023

#### **Growth capex profile**







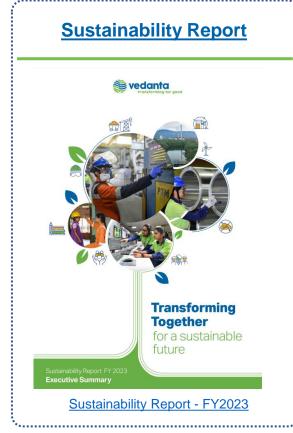
Volume augmentation, cost reduction or creating value added products are key guiding principles for all capex

#### 1QFY24 Awards and Accolades

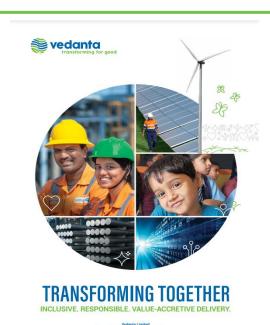
#### Recognitions towards our commitment to excellence



#### **Disclosures & publications**







Integrated Annual Report - FY2023

**Integrated Annual Report** 





TCFD Report FY2023







#### **Cautionary statement and disclaimer**

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