



Hindustan Zinc



Analyst Meet



8 February 2018

Volume and costs

Zinc - Lead

1.5 mt

1.2 mt

950 kt

- Brownfield exploration growth to 1.5mt
- Incremental MIC from all 5 mines

Silver

1,000 t

800 t

500+ t

- Higher silver recovery in lead, three fumers and tailings retreatment: Doubling silver portfolio

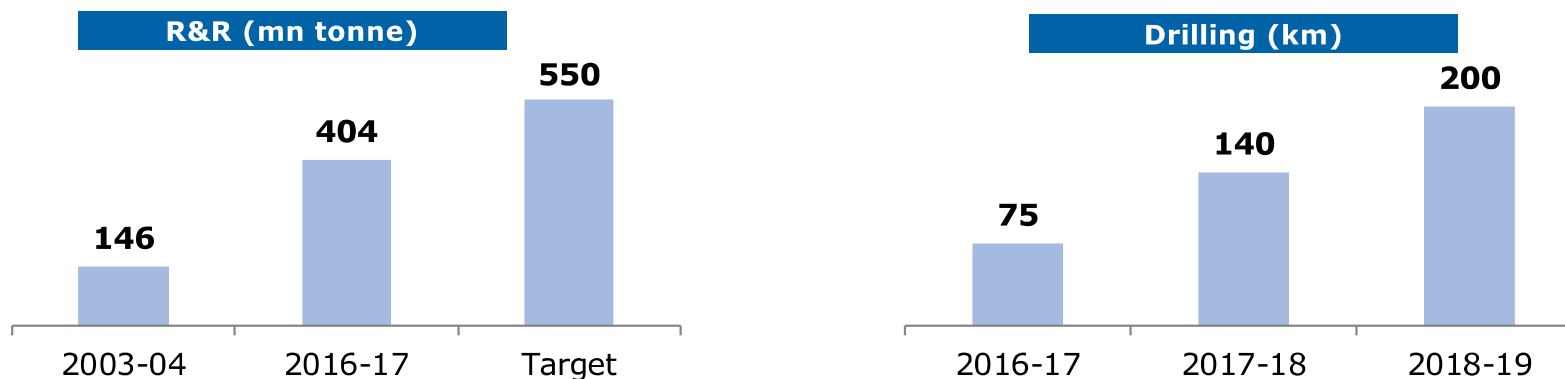
Costs

\$850/t

\$950-975/t

- Key structural initiatives on technology, productivity, power source, shaft hauling, logistics

Exploration priorities



Rampura Agucha Galena Zone

- Current Resource 11.7Mt @ 5.3% lead, 147g/t silver
- Galena Zone ore lenses are open
- Fast track drilling from underground

Zawar New Orebodies

- 4 new prospects over 5km of host dolomite
- High grade zinc, lead and silver in soils
- Surface geophysics in progress & drilling planned

Kayad Potential to Double R&R

- Orebody open to north, south and east
- Drilling confirmed ore 700m to east – need to fill in gaps

Hindustan Zinc is the largest and the most active mineral explorer in India with an exploration spend of \$10mn out of the total \$50mn spent nationwide



Environment Health & Safety

- Positive water footprint
- 325 MW green power
- 9% specific energy reduction
- Zero occupational illness
- 4 fold reduction in LTIFR

**Annual
sustainability
reporting**

Business Model

- Integrated metal producer with captive power
- 1st quartile cost position
- Leader in the domestic market
- Expanding silver portfolio
- Strong community footprint

**2nd largest zinc-
lead miner
globally**

People

- Proven management track record
- Empowered IBUs
- Diversified skillsets with expats, global contractors and advisory boards

**Nurturing
innovation & an
entrepreneurial
mindset**

Operational Excellence

- Productivity increases
 - Advanced technologies
 - Digitalisation of mines
- Debottlenecking & recovery enhancement in mills & smelters

**20%
productivity
increase**

Growth

- >25 year mine life
- 1.2 mtpa expansion
- Key steps taken for 1.5 mtpa

**Growth path on
track**

***3rd rank Globally in Dow Jones Sustainability Index (Environment);
Only Indian mining company in Global Sustainability Yearbook 2018***

Zinc – Enables Rust-Free Economic Growth



- **Zinc is the key middle income development metal**

- #4 most consumed metal in the world
- Cheapest way of preventing rust corrosion in steel – construction, infrastructure and transport

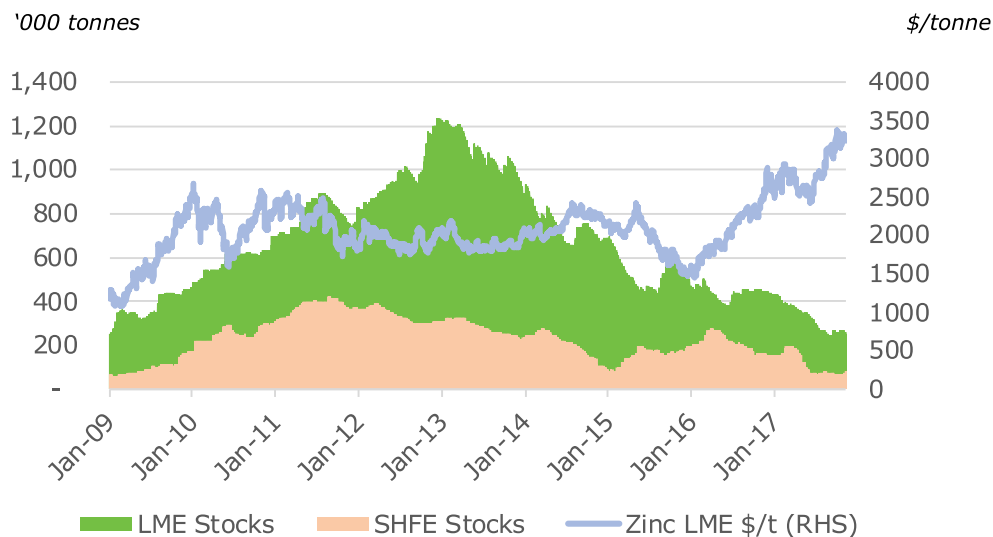
- **Zinc demand remains robust, driven by both economic growth and increasing penetration**

- ~50% of zinc used for galvanization
- Automotive sector: 35% zinc coating in India vs 85% in Europe - significant scope to increase penetration

- **Mine Supply Growth is Subdued:** China production subdued because of environmental regulations on smaller mines

- **Depleted Inventories:** Multi-year lows, with Shanghai stocks close to zero

Declining stocks at LME & SHFE warehouses



Source: Fast markets

Metal Inventory (Days of consumption)

2016	2017	2018	2019
70	48	34	29 (6 days LME/ SHFE stocks)

Source: Wood Mackenzie



Hindustan Zinc



Thank you



VEDANTA RESOURCES PLC – ZINC-LEAD-SILVER | OIL & GAS | ALUMINIUM | COPPER | IRON ORE | POWER