

Corporate Presentation

February 2015



Agenda

- ❑ Corporate Overview
- ❑ Journey over last decade
- ❑ Financial Performance
- ❑ Way Forward
- ❑ Corporate Responsibility
- ❑ Key Take Away

About Us

1st Rampura Agucha
Largest zinc mine
globally

2nd Largest zinc-lead
miner globally with:
9 million+ MT of ore
production capacity

4th Largest zinc-lead
smelter globally:
1 million+ MT of
production capacity

*(Rankings calculated from Wood Mackenzie,
March 2014 Long Term Outlook)*



A **Journey** towards **Excellence** - **15 million T** Ore Production Capacity;
& **1.2 million T** MIC production capacity from **Underground Mines**

Vision, Mission & Values

We want our employees to be ambassadors of our core values

VISION

To be the world's largest and most admired zinc-lead and silver company

MISSION

- Enhance stakeholder value through exploration, innovation, operational excellence and sustainability
- Be the lowest cost producer
- Maintain market leadership & enhance customer delight



VALUES

- Entrepreneurship
- Growth
- Excellence
- Trust
- Sustainability

Creating Injury Free Environment

Zero harm to people, host communities and environment

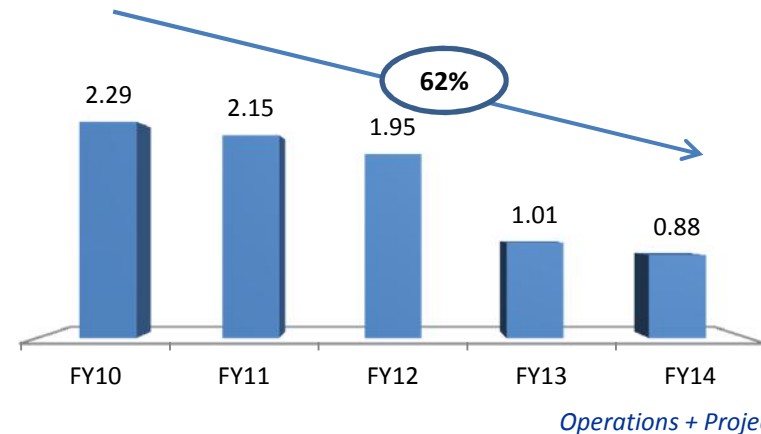
- Promoting behavioural safety

- Safety cultural transformation journey from Reactive to Interdependent; Engagement with "Dupont"

- Focus on hazard identification and near misses

- Zero water discharge

Declining lost time injuries per million man-hours worked (LTIFR)



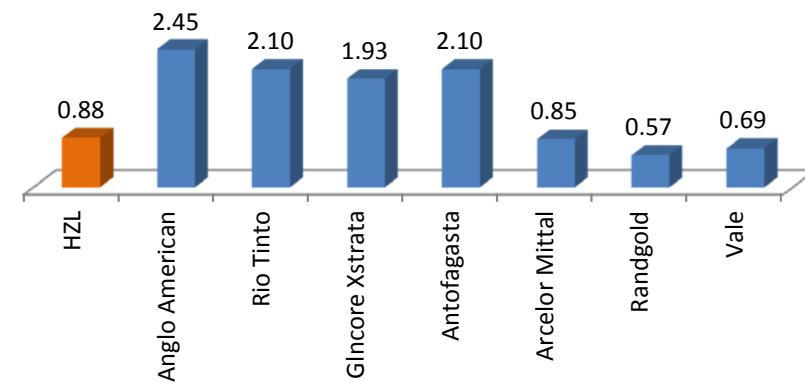
INITIATIVES

- Integrated Safety organisation Structure
- HSE Policy & Principles
- Safety Awareness monthly E Newsletter "Aarohan"
- Process Safety Management
- Contractor Safety Management
- SOPs for high risk activities
- Safety Interactions

IMPACT

- Visible Change in culture
- Involvement of Line Managers
- Enhanced Focus on Safety Improvement
- Visible Behavior Change in Site Leadership

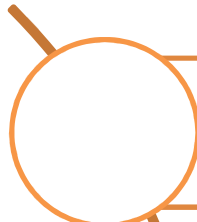
Benchmarking with peers



Benchmarking data (LTIFR—one million man-hours basis) for FY 2013-14, Source- Annual reports

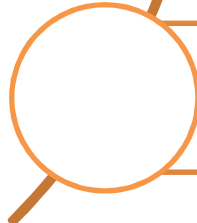
Core Strengths

Leading the way with fully integrated operations

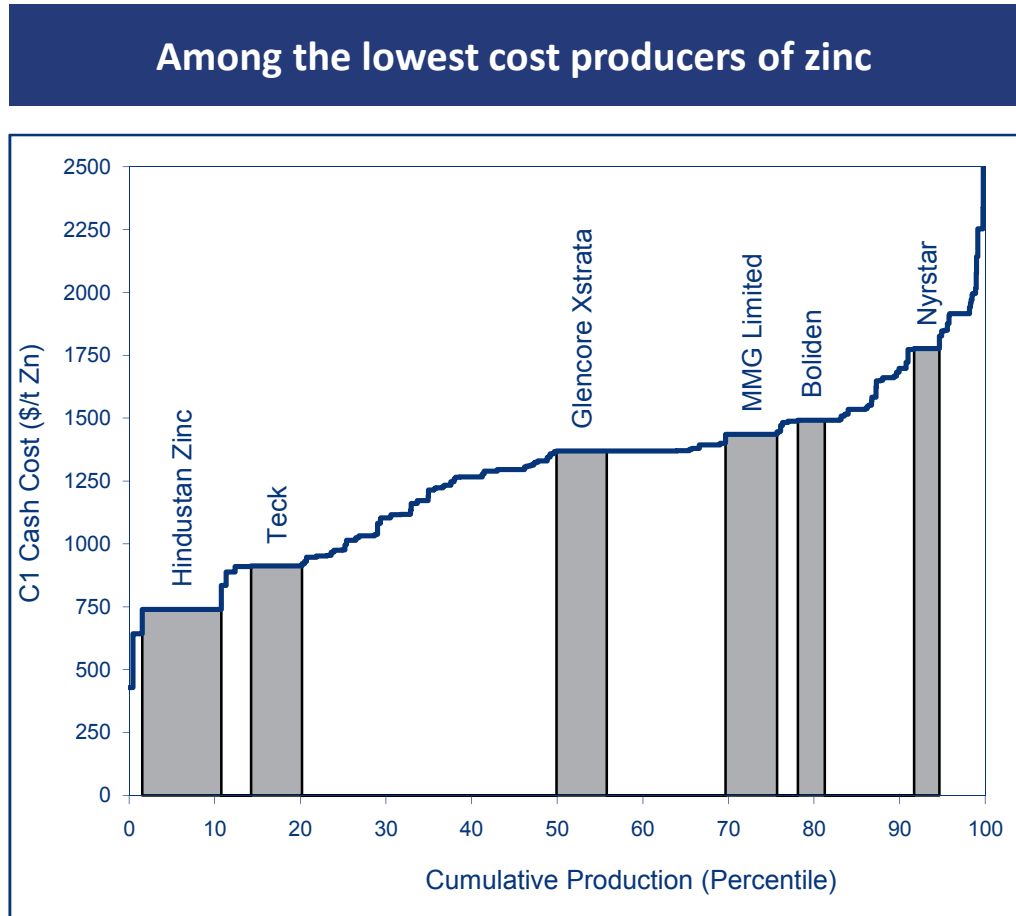
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Captive mines with Reserve & Resource base of 365.1 million MT ensuring mine life of 25 years
- 

Integrated metal production supported by captive power plants
- 

Low cost of operations driven by quality assets and multi-metal recovery
- 

Market leadership in India with strong presence in emerging economies of Asia



Source: Wood Mackenzie Research

World Class Mining Assets

Reserves & Resources base of 365.1 million MT ensuring mine life of +25 years

Rampura Agucha (RAM) is the largest Zinc mine in the world

Sindesar Khurd Mine

Reserves : 20.4mt
 Resources : 78.7mt
 Reserve Grade Zn : 4.6%
 Reserve Grade Pb : 2.6%
 Ore Production Cap : 2.0 mtpa

Rajpura Dariba Mine

Reserves : 10.0mt
 Resources : 44.3mt
 Reserve Grade Zn : 6.4%
 Reserve Grade Pb : 1.6%
 Ore Production Cap : 0.90 mtpa

Zawar Mining Complex

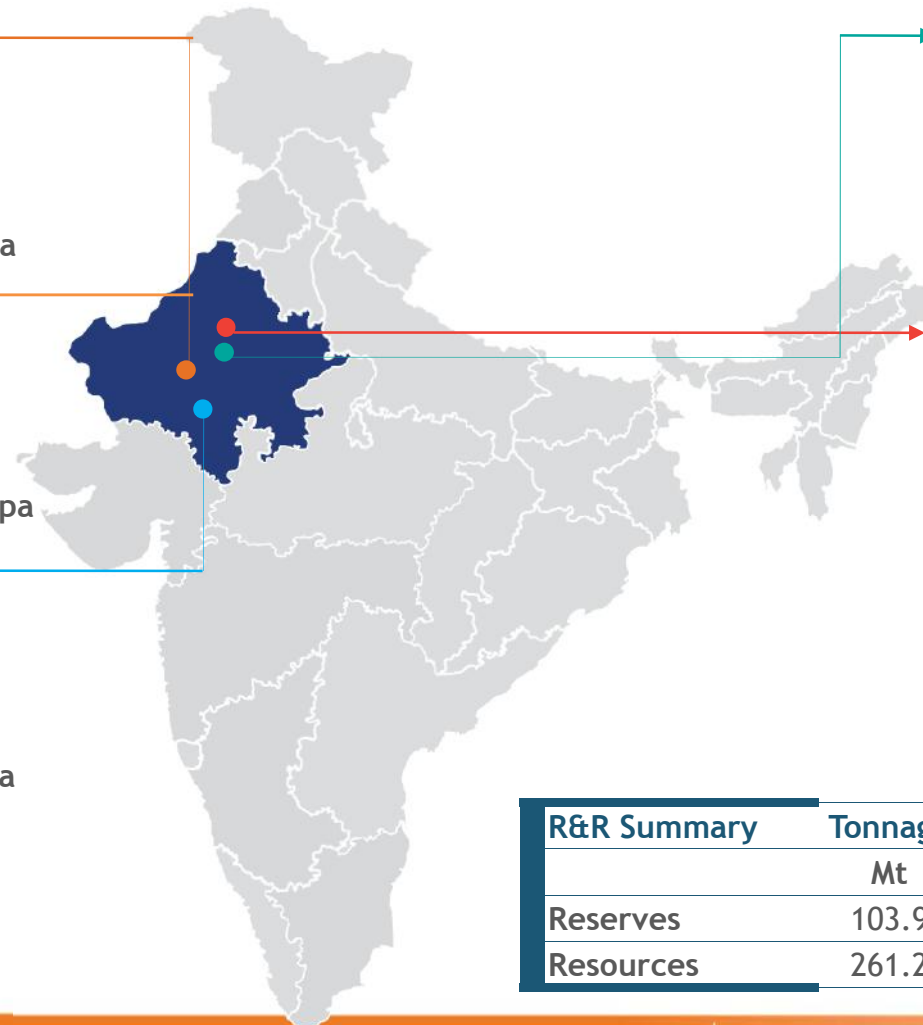
Reserves : 9.9mt
 Resources : 68.5 mt
 Reserve Grade Zn : 3.8%
 Reserve Grade Pb : 1.9%
 Ore Production Cap. : 1.2 mtpa
 CPP : 80MW

Rampura Agucha Mine

Reserves : 57.5mt
 Resources : 51.9mt
 Reserve Grade Zn : 13.7%
 Reserve Grade Pb : 1.8%
 Ore Production Cap : 6.15 mtpa

Kayad Mine

Reserves : 6.2mt
 Resources : 1.5mt
 Reserve Grade Zn : 10.4%
 Reserve Grade Pb : 1.5%
 Ore Production Cap : 0.35 mtpa



R&R Summary	Tonnage	Grade		
	Mt	Zn (%)	Pb (%)	Ag (g/t)
Reserves	103.9	10.1	2.0	73.0
Resources	261.2	6.4	2.3	81.0

Smelting and Power Capacities

Chanderiya Lead-Zinc Smelter (CLZS) is one of the largest Zinc smelting complexes in the world.

Chanderiya Smelting Complex

Pyrometallurgical Lead Zinc Smelter:
105,000 tpa Zinc
35,000 tpa Lead

Hydrometallurgical Zinc Smelter:
420,000 tpa Zinc

Ausmelt™ Lead Smelter:
50,000 tpa Lead

Captive Power Plant:
234MW

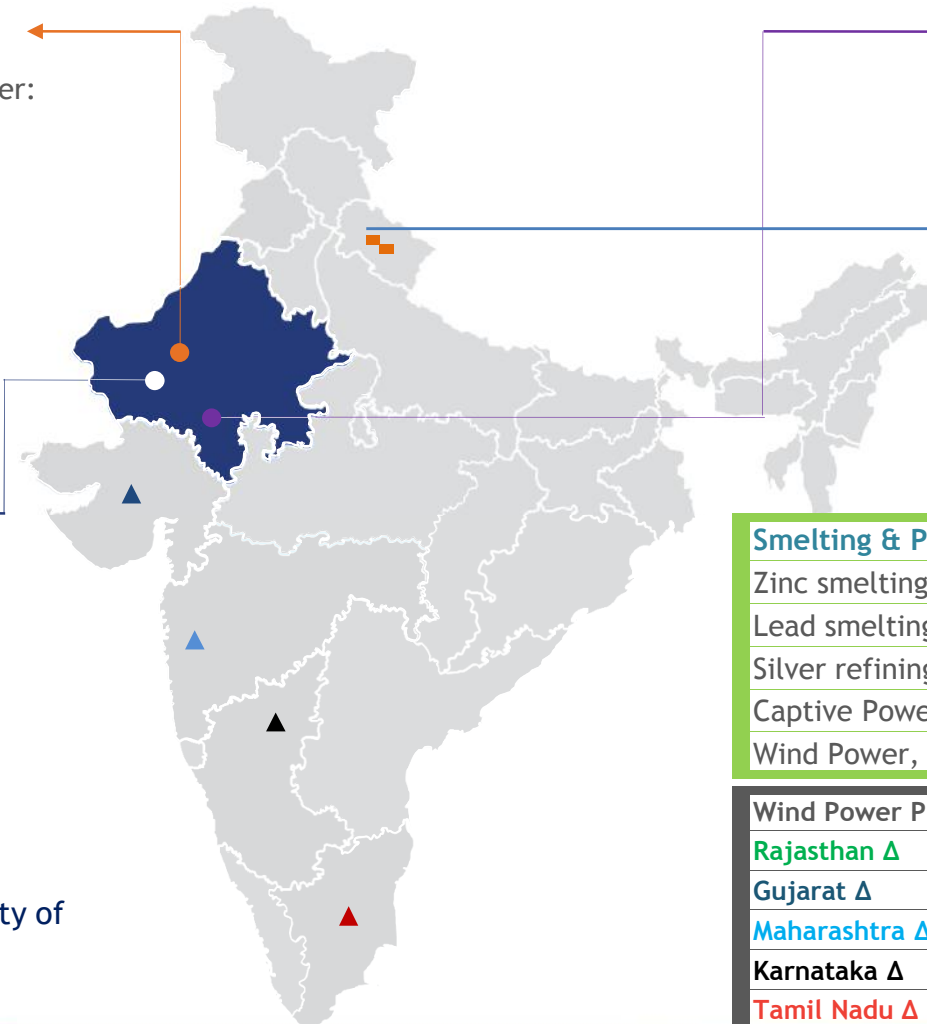
Dariba Smelting Complex

Hydrometallurgical Zinc Smelter:
210,000 tpa Zinc

Lead Smelter:
100,000 tpa Lead

Captive Power Plant:
160MW

Wind power generation capacity of around **274 MW**



Zinc Smelter Debari

Hydrometallurgical Zinc Smelter: **88,000 tpa Zinc**

Pantnagar & Haridwar

Processing & Refining of Zinc, Lead & Silver

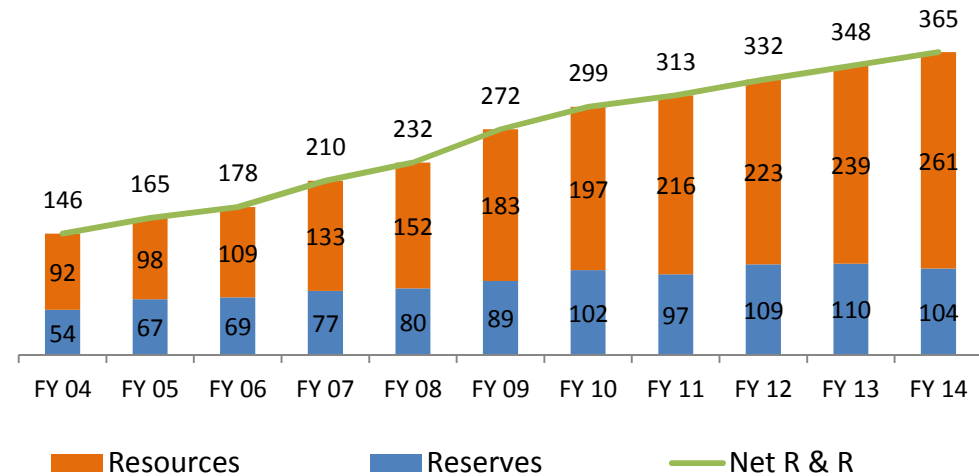
Smelting & Power Summary	
Zinc smelting, tpa	8,23,000
Lead smelting, tpa	1,85,000
Silver refining, tpa	518
Captive Power, MW	474
Wind Power, MW	274
Wind Power Plants by State (MW)	
Rajasthan Δ	88.8
Gujarat Δ	88.8
Maharashtra Δ	25.5
Karnataka Δ	49.4
Tamil Nadu Δ	21.0

Journey over last decade- Mines

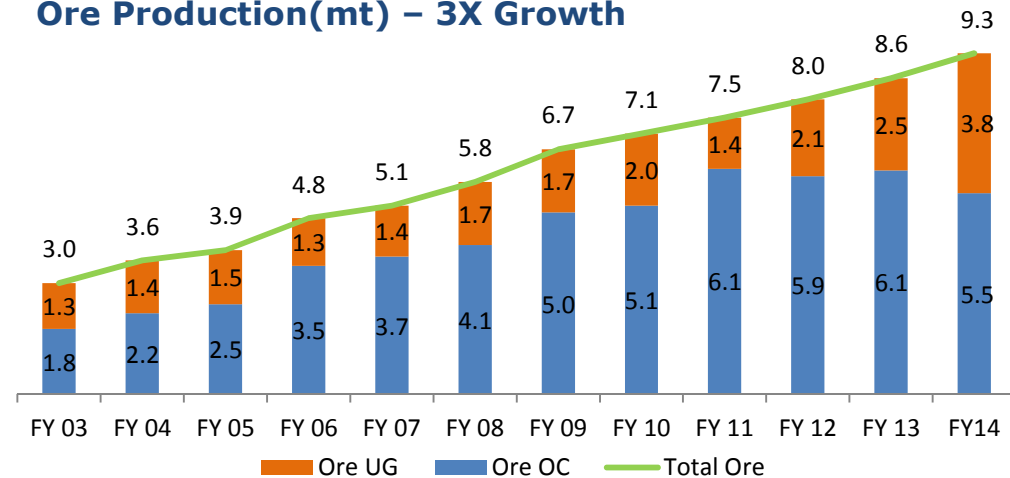
Capacity Expansion at Mines

2004	RAM Debottlenecking Ore Production increased from 1.35 Million TPA to 2.35 Million TPA
2005	RAM Expansion Ore Production increased from 2.35 Million TPA to 3.75 Million TPA
2008	RAM Expansion Ore Production increased from 3.75 Million TPA to 5.00 Million TPA
2010	RAM Expansion Ore Production increased from 5.00 Million TPA to 6.00 Million TPA
2011	SKM Expansion Ore Production increased to 1.5 Million TPA
2012	SKM Expansion Ore Production increased from 1.5 Million TPA to 2.00 Million TPA
2013	RAM UG and Kayad UG mine UG production to bridge open cast production

Reserves & Resources (mt) – 2.5X Growth



Ore Production(mt) – 3X Growth

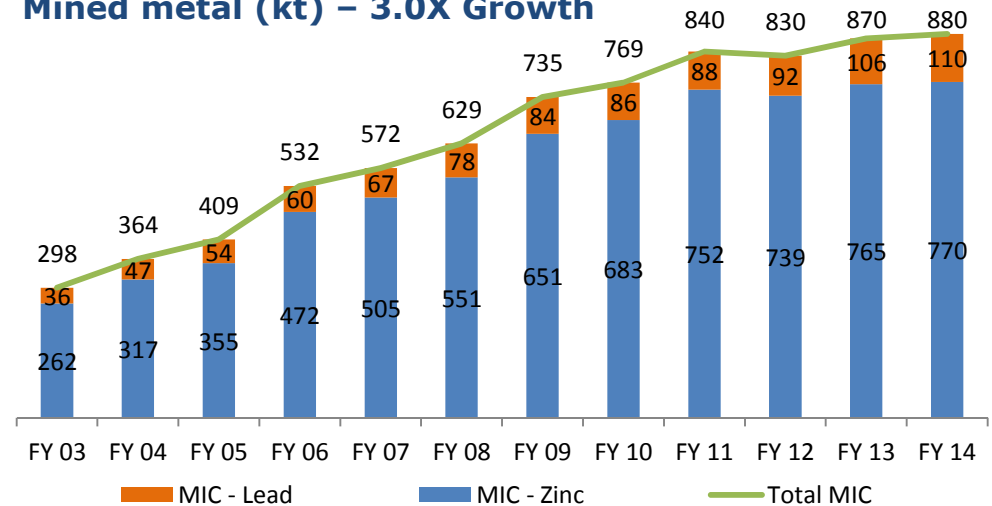


Journey over last decade- Smelters

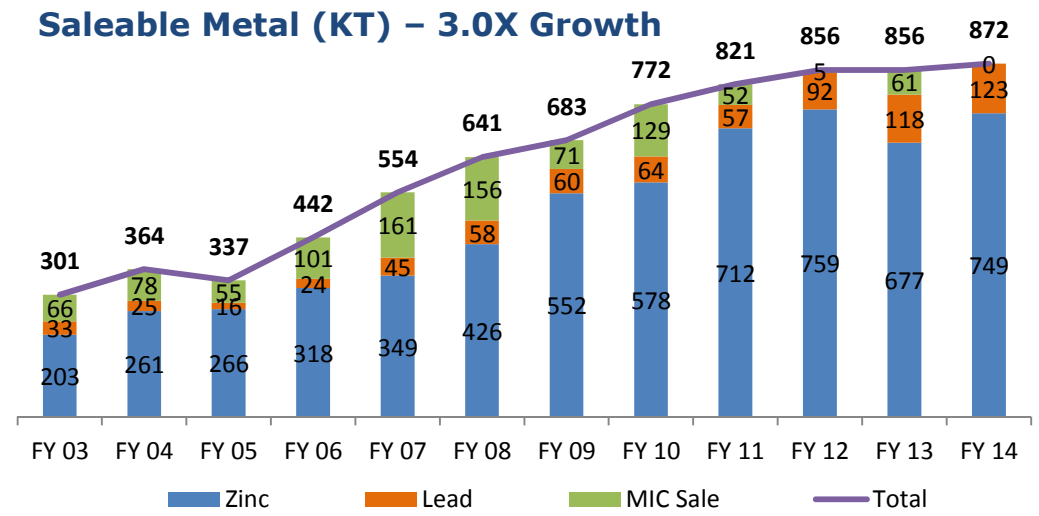
Capacity Expansion at Smelters

2003	Debari & Vizag Zinc Debottle-necking DZS- 59 KTPA to 80 KTPA VZS - 40 KTPA to 56 KTPA
2004	CLZS debottlenecking Capacity - 70 KTPA to 105 KTPA
2005	CLZS Hydro-1 Smelter Capacity - 170 KTPA
2006	Chanderiya Ausmelt Lead Smelter Capacity - 50 KTPA
2007	Chanderiya Hydro II Smelter Capacity - 170 KTPA
2008	Chanderiya & Debari Zinc DBN Capacity - 170 to 210 KTPA (both Hydros) DZS- 80 KTPA to 88 KTPA
2010	Dariba Zinc Smelter Capacity - 210 KTPA
2011	Dariba Lead Smelter Capacity - 100 KTPA

Mined metal (kt) – 3.0X Growth



Saleable Metal (KT) – 3.0X Growth

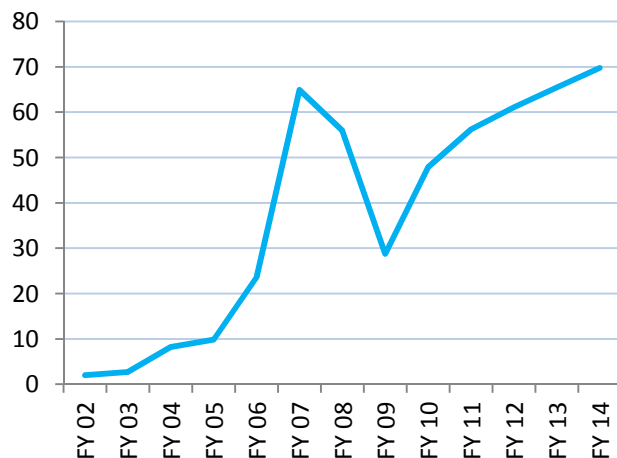


Silver 47 35 11 24 51 80 105 139 148 207 374 350

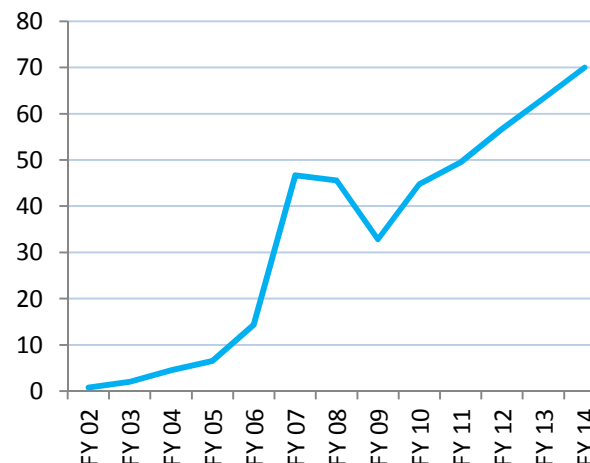
Financial Performance

(in Rs billion except EPS)

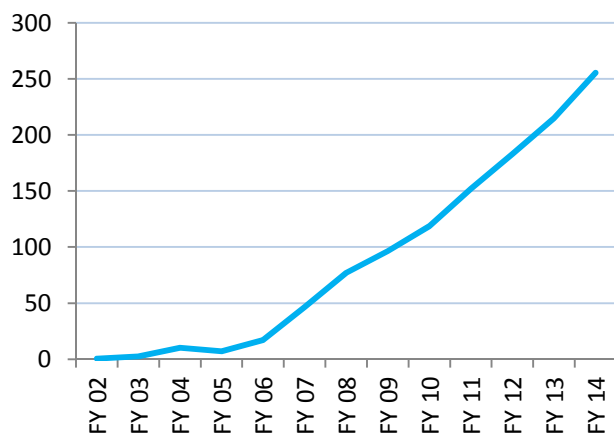
EBITDA



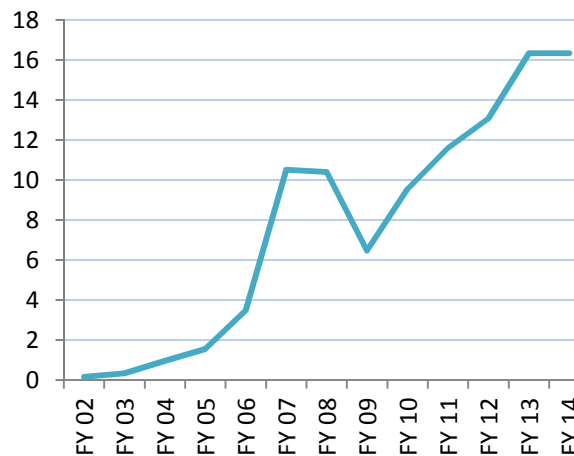
Free Cash Flow*



Cash & Cash Equivalent



EPS



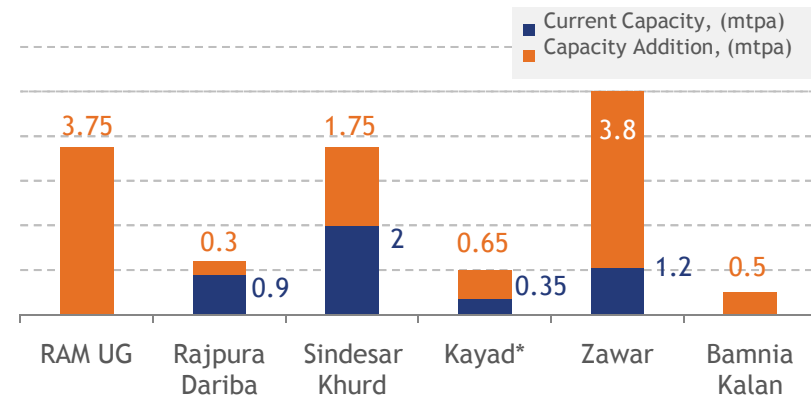
- Setting new norms of business performance
- Consistently improving value to stakeholders
- 34% EBITDA growth despite of LME growth of 7%
- Experienced management team supporting minimal-risk growth

*Before Project Capex

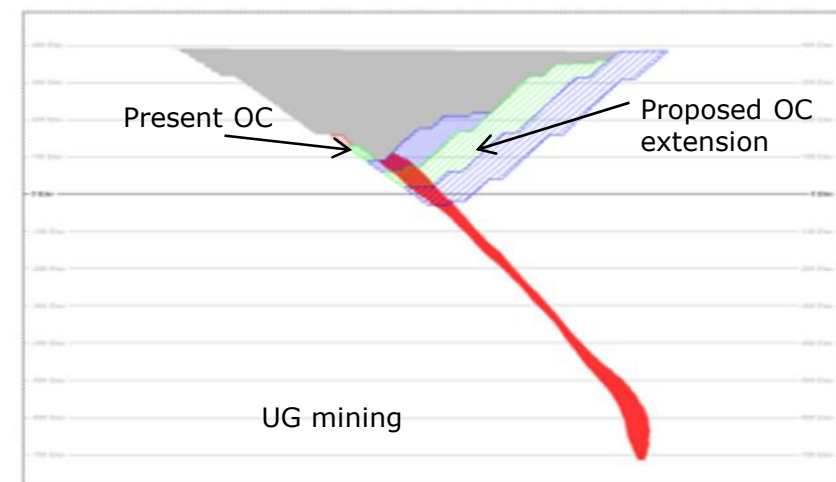
Way Forward

- Resource driven growth
- Six major projects to increase mined metal capacity by 20% to 1.2 mtpa
- Total capex of \$1.5 billion
- Expansion of mines in sync with increasing R&R
- Extension of RAM OC mine life
- Progressive commissioning from 2014

Journey ahead - Projects

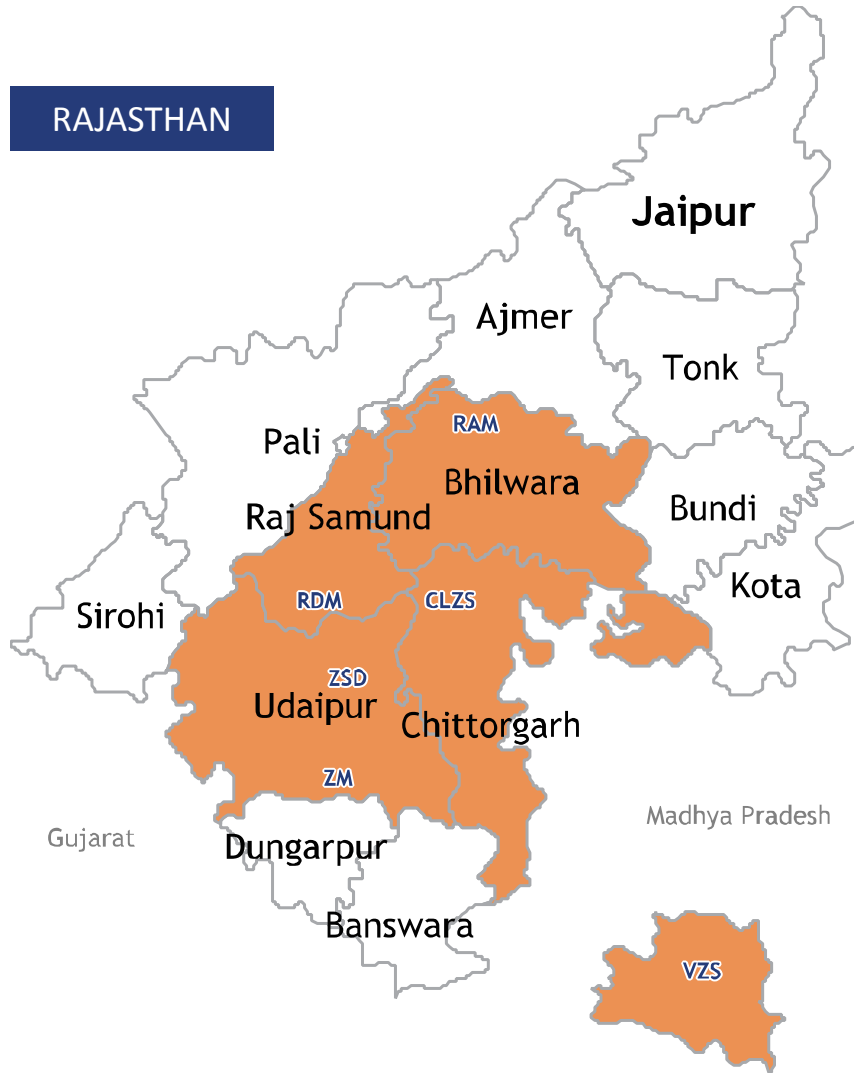


Rampura Agucha Orebody



Community Engagement

RAJASTHAN



Fostering Self-Reliance through Community Development

- Reaching to more than half a million people in Rajasthan

- Positively impacting lives of more than 100,000 households in 358 Villages in Rajasthan

- Members of United Nations Global Compact (UNGC), TERI-BCSD (Business Council for Sustainable Development) and National Population Stabilization Fund

CSR Initiatives



Health & Nutrition

- Bal Shakti Anganwadi Project
- Centralized Kitchens for Mid-day Meal program
- Vedanta- Hindustan Zinc Heart Hospital, Udaipur



Education

- Model School Development
- Vedanta Post Graduate college for girls
- Vedanta Computer Literacy Program



Water & Sanitation

- Rural Safe Drinking Water Project
- Rural Sanitation Program



Sustainable Livelihood (Farm & Non-farm)

- Improved Agriculture Program
- Livestock Development Program
- Vocational Trainings



Women Empowerment

- SHG Development Program
- Capacity Building Interventions
- Income Generation Programs
- Women Literacy Programs

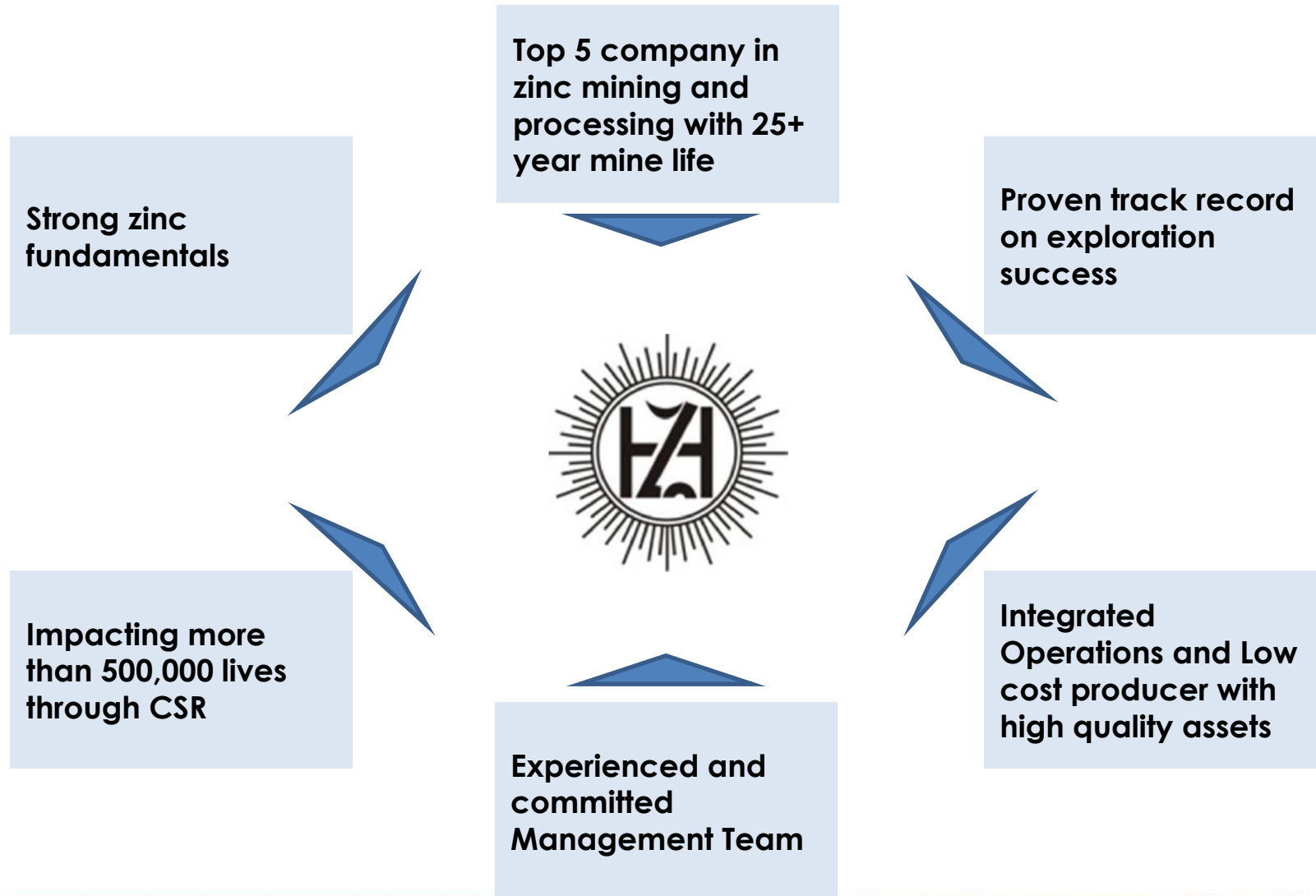


Environment Conservation

- Mega Plantation Drive
- Water Conservation Drive
- Sewage Treatment Plant at Udaipur

Key Take Away

Delivering consistent growth and value to stakeholders





HINDUSTAN ZINC LIMITED

Thank You
