



We are Vedanta

Vedanta Resources plc
Annual report and accounts FY2015

Vedanta Resources plc is a UK listed global diversified natural resources company.

Our vision

To be a world-class, diversified resources company, providing superior returns to our shareholders with high-quality assets, low-cost operations and sustainable development.



Our brand

The refreshed logo signifies Vedanta's approach to a triple bottom line that focuses on people, planet and prosperity in its areas of operations. A leaf, an unmistakable 'symbol of life' which has now been included in the Vedanta globe and the new colour green, symbolise Vedanta's ethical credentials. The colour blue reflects Vedanta's distinct virtues of integrity and professionalism.

The globe represents the centricity and dependence on natural resources found in the earth as well as the responsibility that Vedanta has towards communities.

Our assets

O&G Oil & Gas

- Cairn India is one of India's largest private sector oil & gas companies
- Interest in seven blocks in India, and one each in Sri Lanka and South Africa
- Contributes to ~27% of India's domestic crude oil production

ZLS Zinc-Lead-Silver

- Zinc operations in India, Namibia, South Africa and Ireland
- World's second largest and India's largest zinc miner
- Operators of the world's largest zinc mine at Rampura Agucha, India
- One of the largest silver producers globally with an annual capacity of 16moz

Fe Iron Ore

- Operations in India and Liberia
- Goa iron ore exported, with Karnataka iron ore sold domestically
- Large iron ore deposit in Liberia

Cu Copper


- Smelting and mining operations across India, Australia and Zambia
- Largest custom copper smelter and copper rods producer in India
- Integrated copper mining and smelting operations in Zambia

Al Aluminium

- The largest aluminium producer in India with a capacity of 2.3mt
- Strategically located large-scale assets with integrated power from captive power plants in the Indian states of Chhattisgarh and Odisha

Pwr Power

- 3.2GW of commercial power generation capacity
- Largest supercritical unit in India operational at Talwandi Sabo Power plant
- One of the largest producers of wind power in India

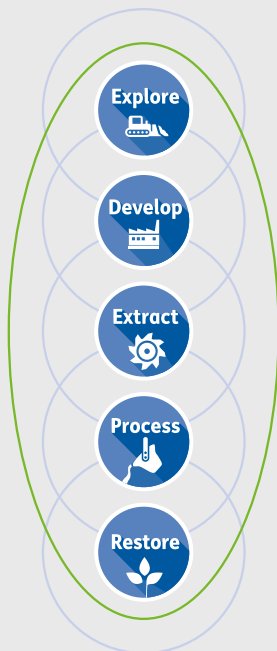
 [see page 50](#)

01 Strategic report **We are Vedanta**

Business model

Vedanta develops and operates world class resource assets, generating and sharing sustainable, long-term value for all its stakeholders across the resource lifecycle.

 [see page 20](#)



Strategic framework



To deliver growth, long-term value and sustainable development through our diversified portfolio of large, long-life, low-cost assets.

Strategic priorities

- Production growth and operational excellence, with a focus on returns
- Reduce gearing and improve free cash flow
- Continue to add reserves and resources in our existing portfolio of assets to drive long-term value
- Simplify Group structure through consolidation
- Protect and preserve our licence to operate

 [see page 24](#)

Strategic report

Highlights	02
Vedanta at a glance	04
Essential to transforming India	06
Chairman's statement	10
Chief Executive Officer's statement	13
Market overview	16
Business model	20
Strategic capabilities and relationships	22
Strategic framework	24
Key performance indicators	26
Principal risks and uncertainties	28
Sustainable development report	36
Finance review	44
Review of operations	50
– Oil & Gas	50
– Zinc-Lead-Silver	54
– Iron Ore	60
– Copper	64
– Aluminium	68
– Power	72

Corporate governance and Directors' reports

Board of Directors	76
Executive Committee	78
Corporate governance report	80
Audit Committee report	92
Nominations Committee report	98
Sustainability Committee report	101
Statement by the Remuneration Committee	
Chairman	103
Directors' remuneration policy report	104
Annual report on remuneration	109
The Directors' report	116
Directors' responsibilities statement	120

Financial statements

Independent Auditor's report	121
Consolidated income statement	126
Consolidated statement of comprehensive income	127
Consolidated balance sheet	128
Consolidated cash flow statement	130
Consolidated statement of changes in equity	131
Notes to the financial statements	133

Additional information

Five year summary	210
Production and reserves summary	214
Glossary and definitions	221
Shareholder information	226
Contacts	IBC

Anil Agarwal, Chairman



 [see page 10](#)

“

My vision for the future is to continue to fulfil Vedanta's potential, whilst helping to advance the world's largest democracy economically, socially and sustainably.

Tom Albanese, CEO



 [see page 13](#)

“

We have continued to focus on improving our operational performance and enhancing production, delivering record volumes of zinc and aluminium, despite volatile commodity markets.



Investor presentations
www.vedantaresources.com
Online annual report
ar2015.vedantaresources.com
Sustainability website
sustainability.vedantaresources.com
Online sustainability report
sd.vedantaresources.com/SustainableDevelopment2014-15

02 Strategic report **We are Vedanta**

Highlights

Vedanta has produced a robust set of results in a volatile market and the fundamentals of our business remain strong.

Group highlights

Financial highlights

- Revenue of US\$12.9 billion in line with the previous year
- EBITDA¹ of US\$3.7 billion (FY2014: US\$4.5 billion), adjusted EBITDA margin of 38%² (FY2014: 45%)
- Underlying Earnings/(Loss) Per Share³ of (14.2) US cents (FY2014: 14.7 US cents)
- Basic Earnings Per Share (EPS) of (654.5) US cents primarily on account of an impairment of US\$4.5 billion (net of tax)
 - Non-cash impairment reflecting lower commodity price
- Free cash flow after growth capex of US\$1.0 billion (FY2014: US\$1.3 billion)
- Gross debt reduced by US\$0.6 billion in H2 FY2015 and US\$0.2 billion in FY2015 with gross debt at US\$16.7 billion in FY2015 (FY2014: US\$16.9 billion)
- Net debt up by US\$0.5 billion to US\$8.5 billion; US\$0.8 billion spent on increasing our stake in subsidiaries, Vedanta Limited and Cairn India Limited
- Credit rating changed from BB to BB- by S&P, Moody's retained at Ba1 with change in outlook to negative mainly on account of lower oil prices
- Final dividend of 40 US cents per share, full year dividend 63 US cents per share, up 3%

Business highlights

- Record full-year mined metal production at Zinc India; better positioned for underground transition
- Copper India: Record production
- Copper Zambia: Production for the full year lower; KDMP Shaft # 1 back online and production improving at Konkola
- Record full year aluminium and alumina production; started new Jharsuguda-II and Korba-II smelters
- Recommended iron ore production at Karnataka, final approval awaited at Goa; record annual production of pig iron
- Iron ore export duty in India reduced from 30% to 10% for less than 58% Fe iron ore, effective 1 June 2015
- Oil & Gas production normalised after the planned shutdown in Q2 FY2015

Caption: Operator at packing area of Jharsuguda aluminium casthouse.

Revenue (US\$bn)

15	12.9
14	12.9
13	14.6
12	14.0
11	11.4

EBITDA (US\$bn)

15	3.7
14	4.5
13	4.9
12	4.0
11	3.6

Free cash flow post capex (US\$bn)

15	1.0
14	1.3
13	1.5
12	0.1
11	0.2

Dividend per share (US cents)

15	63.0
14	61.0
13	58.0
12	55.0
11	52.5

Consolidated Group results

(in US\$ millions, except as stated)	FY2015	FY2014
Revenue	12,878.7	12,945.0
EBITDA ¹	3,741.2	4,491.2
EBITDA ¹ margin (%)	29.1%	34.7%
EBITDA margin excluding custom smelting ² (%)	38.0%	44.9%
Operating profit before special items	1,735.5	2,288.1
Loss attributable to equity holders	(1,798.6)	(196.0)
Underlying attributable profit ³	(38.9)	40.2
Basic (loss)/earnings per share (US cents)	(654.5)	(71.7)
Earnings per share on underlying profit (US cents)	(14.2)	14.7
ROCE (excluding project capital work in progress and exploratory assets and one-time impairment charge) (%)	8.7%	14.9%
Total dividend (US cents per share)	63.0	61.0

- 1 Earnings before interest, taxation, depreciation, amortisation/impairment and special items.
- 2 Excludes custom smelting revenue and EBITDA at Copper and Zinc-India operations as custom smelting has different business economics.
- 3 Based on profit for the period after adding back special items and other gains and losses, and their resultant tax and non-controlling interest effects. In the prior period, the underlying attributable profit included the net tax benefit from the Sesa Sterlite merger offset by a deferred tax charge due to the change in tax rates at Cairn India.

“Throughout this year, we have remained focused on our stated strategic priorities. Our diversified portfolio has enabled us to withstand global volatility in commodity prices.”

Mr Anil Agarwal, Chairman of Vedanta Resources plc



Group highlights



O&G

Resilient performance in falling crude oil environment

We have revised capex but continue to focus on opportunities, with Cairn delivering the largest exploration and appraisal programme in its history. We spent US\$1.1 billion in FY2015 out of US\$3 billion, retaining flexibility on spend going forward.

see page 50



Al

Ramping up aluminium

Production reached record levels at Lanjigarh and we have initiated a number of innovative, cost-saving projects. The new Korba-II smelter and Jharsuguda-II smelter started production with significant ramp up planned in 2016.

see page 68



Cu

Improving production volumes at Copper India

Higher production volumes at Copper India, while maintenance work at Konkola reduced production in Zambia. An easing of documentation requirements for VAT refunds in Zambia will enable us to increase utilisation rates of the smelter.

see page 64



Fe

Resuming operations at Sesa Goa

Production recommenced at Karnataka and in Goa, environment restrictions were lifted, with Vedanta allocated an interim annual mining quantity of 5.5mt of saleable ore. We are implementing cost reductions to counter the low-price environment.

see page 60



04 Strategic report **We are Vedanta**

Vedanta at a glance

Vedanta Resources

Listed on LSE

79.4%

Konkola Mines

One of the highest-grade large copper mines in the world



Copper



 [see page 64](#)

Businesses

Copper Zambia (KCM)

Production volume

Mined metal 116kt

Finished copper 169kt

EBITDA

US\$(4)m

R&R life

25+ years

Cost curve position


4th Quartile

< Large, long-life, low-cost, scalable assets >



Oil & Gas



 [see page 50](#)

Businesses

Cairn India

Production volume

212k boepd

(average daily gross operating production)

EBITDA

US\$1,477m

R&R life

15+ years


Cost curve position

1st Quartile



Zinc-Lead-Silver



 [see page 54](#)

Businesses

Zinc India (HZL)

Zinc International

Production volume

887kt

312kt

EBITDA

US\$1,193m

US\$181m

R&R life

25+ years

20+ years

Cost curve position

1st Quartile

2nd Quartile

62.9%

Vedanta Limited


(formerly Sesa Sterlite Limited)

Listed on NSE, BSE and NYSE

Fe

Iron Ore



 see page 60

Businesses

India Iron Ore
Operations

Liberia Iron Ore
Project

Production volume¹
0.6mt

EBITDA
US\$31m

R&R life²
20+ years

Cost curve position
1st Quartile

¹ Production at Karnataka
suspended until February 2015 and
suspended for the full financial
year at Goa.

² Excluding Liberia.

Cu

Copper



 see page 64

Businesses

Tuticorin smelter,
India

Copper Mines of
Tasmania

(under care & maintenance)

Production volume
Copper cathodes
362kt


EBITDA
US\$281m

Cost curve position
2nd Quartile

Al

Aluminium



 see page 68

Businesses

BALCO

Jharsuguda and
Korba Smelters
Lanjigarh Refinery

Production volume
Aluminium 877kt
Alumina 977kt


EBITDA
US\$416m

Cost curve position
2nd Quartile

Pwr

Power



 see page 72

Businesses

MALCO

HZL Wind Power
Jharsuguda and
Talwandi Sabo
Power Plants

Power sales
9,859 million KWh

EBITDA
US\$154m



06 Strategic report **We are Vedanta**


Essential to transforming India

In 2014, the Indian Government launched a major national campaign, 'Make in India', to encourage companies to manufacture in India. The initiative is focused on 25 sectors of the economy and aims to create jobs and enhance skills.

Fe Iron Ore



Iron ore, a key ingredient in steel making, is expected to benefit from increased demand in India as a result of higher consumption of consumer durables and the Government's target to increase steel production to 300mt by 2025 to match India's growing infrastructure needs. Vedanta has large iron ore mines in Goa and Karnataka and a pig iron plant in Goa. It is a major supplier to the domestic market with the Goa iron ore mine also serving the Chinese and Japanese export markets.

 [see page 60](#)

391^{mt}

Iron ore reserves & resources
at Vedanta's mines

Al

Aluminium



Due to aluminium's light weight and low cost, the metal is increasingly used in residences, buildings, automobiles and appliances. Aluminium demand is increasing in India, boosted by increased investment in infrastructure, power and transportation. In addition to aluminium ingots, Vedanta also produces a wide range of value-added products and aluminium alloys with huge potential in aerospace and defence industries.

 [see page 68](#)

0.9^{mt}

Aluminium produced by Vedanta's
aluminium smelters




Pwr

Power



The availability of power in India is increasing, but demand outstrips supply leading to a substantial power shortage. Around 280 million people in India do not have basic electricity connections and the Government aims to supply power to all homes by 2019. Vedanta is one of India's largest private power generators.

 see page 72

8.7GW

Power generation capacity
at Vedanta



08 Strategic report **We are Vedanta**

Essential to transforming India

The new Indian Government has a mandate for economic growth and job creation. As a local resources company Vedanta can play a key role in supporting these Government initiatives.

ZLS Zinc



Galvanising accounts for more than 75% of zinc demand in India. The Indian Government's focus on infrastructure projects such as upgrading railway stations, building new airports and roads; developing 100 smart cities; rural electrification projects and investment in transmission corridors will all boost the country's zinc requirements. Vedanta is the leading producer of zinc in India with a 78% share in the domestic market.

 [see page 54](#)

78%

Vedanta's share in India's domestic zinc market