

ASSURANCE STATEMENT



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INDEPENDENT LIMITED ASSURANCE STATEMENT TO VEDANTA RESOURCES PLC ON THEIR CORPORATE SUSTAINABILITY REPORT FOR FY 2017-18

To the management of Vedanta Resources Plc

KPMG in India (KPMG) was engaged by Vedanta Resources Plc ('the Company' or 'Vedanta') to provide an independent assurance on its Sustainability Report for FY 2017-18 ('the Report'). The Report is prepared by the Company based on Global Reporting Initiative (GRI) Standards 'in-accordance - core' option for sustainability reporting.

The development of Report, its content, identification of key material topics and related impacts, engaging with stakeholders is the sole responsibility of the management of the Company. KPMG's responsibility is to provide limited assurance on the Report content as described in the scope of assurance.

REPORTING CRITERIA

Vedanta applies its sustainability performance reporting criteria based on Sustainability Reporting Standards of Global Reporting Initiative (GRI Standards) including the Mining and Metals and Oil & Gas Sector Disclosures, National Voluntary Guidelines on Social, Environmental and Economic Responsibilities of Business (NVG) framed by the Ministry of Corporate Affairs (MCA), Government of India, United Nations Global Compact (UNGC) principles, International Council on Mining and Metals (ICMM) and Sustainable Development Goal frameworks for the Company as detailed in the 'Scope, Boundary and Limitations'.

ASSURANCE STANDARDS USED

We conducted limited assurance in accordance with the requirements of International Federation of Accountants' (IFAC) International Standard on Assurance Engagement (ISAE) 3000 (Revised), Assurance Engagements Other than Audits or Reviews of Historical Financial Information. Under this standard, we have reviewed the information presented in the report against the characteristics of relevance, completeness, reliability, neutrality and understandability.

SCOPE, BOUNDARY AND LIMITATIONS OF ASSURANCE

The Assurance has been provided for selected sustainability performance disclosures presented by Vedanta in its Report. The reporting boundary included data and information for the period 01 April 2017 to 31 March 2018 for India and Global operations, based on Global Reporting Initiative's (GRI) Standards in accordance Core option. Our Scope of assurance included verification of the sample data and information on selected material topics reported at the following units/locations and Corporate offices in Gurgaon and Udaipur:

- | | |
|---|--|
| • Vedanta Limited (Jharsuguda smelter & power plant, Orissa) | • Vedanta Limited (BALCO Korba Smelter & Power Plants, Chattisgarh) |
| • Vedanta Limited (Narain Mines, Iron Ore Operations, Karnataka) | • Vedanta Limited (Tuticorin Smelter & Captive Power Plant, Tamil Nadu) |
| • Konkola Copper Mines Plc (Zambia) | • Cairn India Limited (Mangala Processing Terminal, Rajasthan) |
| • Cairn India Limited (Bhagyam field) | • Cairn India Limited (Aishwariya Field, Rajasthan) |
| • Cairn India Limited (Viramgam Gas Terminal, Gujarat) | • Hindustan Zinc Limited (Chanderiya Lead and Zinc Smelters, Rajasthan) |
| • Hindustan Zinc Limited (Dariba Smelting Complex, Rajasthan) | • Hindustan Zinc Limited (Debari Zinc Smelter, Rajasthan) |
| • Hindustan Zinc Limited (Kayad Mines, Rajasthan) | • Hindustan Zinc Limited (Pantnagar Metal Plant, Uttarakhand) |
| • Hindustan Zinc Limited (Rajpura Dariba Mines, Rajasthan) | • Hindustan Zinc Limited (Rampura Agucha Mines, Rajasthan) |
| • Hindustan Zinc Limited (Sindesar Khurd Mines, Rajasthan) | • Hindustan Zinc Limited (Zawar Mines, Rajasthan) |
| • Vedanta Limited (Gurgaon Corporate Office, Haryana) | • Cairn India Limited (Gurgaon Corporate Office, Haryana) |
| • Hindustan Zinc Limited (Udaipur Corporate Office, Rajasthan) | |

The assurance scope excludes:

- Data and information outside the defined reporting period and boundary;
- The Company's financial performance;
- The Company's compliance to legal obligations/disclosures;
- The Company's statements that describe expression of opinion, belief, aspiration, expectation, aim or future intention and assertions related to Intellectual Property Rights; and
- Aspects of the report other than those mentioned below;

The Universal and Topic Specific Standard Disclosures subject to assurance were as follows:

Universal Standard Disclosures

- General Disclosures** • Organizational Profile (102-7 to 102-11) • Strategy (102-14) • Ethics and Integrity (102-16) • Governance (102-18)
• Stakeholder Engagement (102-40 to 102-44) • Report Profile (102-46 to 102-56)

- Management Approach** • Disclosure on Management Approach (103-1)¹

¹ Disclosures on Management Approach were verified for select topic specific disclosures as per the given table

Topic Specific Standard Disclosures

Environment • Energy (302-1, 302-3, 302-4, OG3) • Water (303-1, 303-3) • Biodiversity (304-1)
• Emissions (305-1, 305-2, 305-4, 305-7) • Effluents and Waste (306-1, 306-2, OG5, OG7, MM3)

Social • Employment (401-1, 401-2, 401-3) • Occupational Health and Safety (403-2) • Training & Education (404-1, 404-2, 404-3)
• Diversity and Equal Opportunity (405-1) • Non Discrimination (406-1) • Local Communities (413-1)

METHODOLOGY ADOPTED FOR ASSURANCE

Our assurance processes involve performing procedures to obtain evidence about the reliability of specified performance information. The nature, timing and extent of procedures selected depend on our judgment, including the assessment of the risks of material misstatement of the selected sustainability disclosures whether due to fraud or error. In making those risk assessments, we have considered internal controls relevant to the preparation of the Report in order to design assurance procedures that are appropriate in the circumstances.

We have obtained sample evidence, information and explanations that were considered necessary in relation to the assurance scope and have arrived at conclusions mentioned below. Our work included a range of evidence-gathering procedures which included:

- Assessing that the report is prepared in accordance with the Sustainability Reporting Standards of the Global Reporting Initiative (GRI Standards - in accordance "Core" option).
- Reviewing the Report to ensure that there is no misrepresentation of disclosures as per scope of assurance and our findings.
- Reviewing the materiality and stakeholder engagement framework deployed at Vedanta.
- Understanding the appropriateness of various assumptions used for estimation of data by Vedanta.
- Assessing the systems used for data collection and reporting of the Universal Disclosures and Topic Specific Disclosures of material topics as listed in the assurance scope above.
- Verifying systems and procedures used for quantification, collation and analysis of sustainability performance disclosures included in the Report.
- Holding discussion with senior executives at the plant locations and at the corporate office to understand the risks and opportunities from a sustainability perspective including the strategy that Vedanta has adopted to address the same.
- Assessing data reliability and accuracy.
- Verifying select key performance data through site visits to operational locations and corporate office for:
 - Testing reliability and accuracy of data on a sample basis.
 - Assessing stakeholder engagement process through interactions with relevant internal stakeholders and review of related documentation.
 - Limited review of the materiality assessment process
 - Reviewing the processes deployed for collection, compilation and reporting of sustainability performance disclosures at corporate and plant level.

Appropriate documentary evidence was obtained on a sample basis to support our conclusions on the information and data verified. Where such documentary evidence could not be collected due to sensitive nature of the information, our team verified the same at Vedanta's premises.

CONCLUSIONS

We have reviewed the Sustainability Report of Vedanta. Based on our limited review and procedures performed in line with scope, boundary and limitations of assurance, nothing has come to our attention that causes us not to believe that the sustainability data and information presented in the Report is fairly represented in line with the identified material topics and is in accordance with the sustainability reporting standards of the Global Reporting Initiative (GRI Standards).

We have provided our observations and areas for improvement to the company in a separate management letter. These, do not, however, affect our conclusions regarding the Report.

INDEPENDENCE

The assurance was conducted by a multidisciplinary team including professionals with suitable skills and experience in verifying environmental, social and economic information in line with the requirements of ISAE 3000 (Revised) standard. Our work was performed in compliance with the requirements of the IFAC Code of Ethics for Professional Accountants, which requires, among other requirements, that the members of the assurance team (practitioners) as well as the assurance firm (assurance provider) be independent of the assurance client, in relation to the scope of this assurance engagement, including not being involved in writing the Report. The Code also includes detailed requirements for practitioners regarding integrity, objectivity, professional competence and due care, confidentiality and professional behavior. KPMG has systems and processes in place to monitor compliance with the Code and to prevent conflicts regarding independence. The firm applies ISQC 1 and the practitioner complies with the applicable independence and other ethical requirements of the IESBA code.

RESPONSIBILITIES

Vedanta is responsible for developing the Report contents. The Company is also responsible for identification of material sustainability topics, establishing and maintaining appropriate performance management and internal control systems and derivation of performance data reported. This statement is made solely to the Management of Vedanta in accordance with the terms of our engagement and as per scope of assurance. Our work has been undertaken so that we might state to Vedanta those matters for which we have been engaged to state in this statement and for no other purpose. To the fullest extent permitted by law, we do not accept or assume responsibility to anyone other than Vedanta for our work, for this Report, or for the conclusions expressed in this independent assurance statement. The assurance engagement is based on the assumption that the data and information provided to us is complete and true. We expressly disclaim any liability or co-responsibility for any decision a person or entity would make based on this assurance statement. By reading this assurance statement, stakeholders acknowledge and agree to the limitations and disclaimers mentioned above.



Santhosh Jayaram
Partner

KPMG
24th August, 2018

GRI STANDARDS INDEX

GRI Standard	Disclosure	Response
GRI 101: Foundation 2016 [GRI 101 does not include any disclosures]		
General Disclosures		
Organisational Profile		
GRI 102- General Disclosures 2016	102-1: Name of the Organisation	Vedanta Resources plc
	102-2: Activities, brands, products, and services	Vedanta Sustainability Report 2017-18: Page 01 (Vedanta at a Glance)
	102-3: Location of headquarters	Vedanta Sustainability Report 2017-18: Back Cover
	102-4: Location of operations	Vedanta Sustainability Report 2017-18: Page 01 (Vedanta at a Glance) Australia, India (Andhra Pradesh, Chhattisgarh, Goa, Gujarat, Karnataka, Odisha, Rajasthan, Tamil Nadu), Namibia, South Africa, Zambia
	102-5: Ownership and legal form	Vedanta Resources plc Annual Report 2017-18: Pages 105, 167, 241-246,
	102-6: Markets served	Vedanta Sustainability Report 2017-18: Page 01 (Vedanta at a Glance)
	102-7: Scale of the organisation	Vedanta Sustainability Report 2017-18: Page 01 (Vedanta at a Glance), Page 68 (Economic), Page 70 (Segment contribution of revenue)
	102-8: Information on employees and other workers	Vedanta Sustainability Report 2017-18: Page 60 (Employees)
	102-9: Supply chain	Vedanta's supply chain spans all five areas of the metals & mining business - exploration, asset development, extraction, processing, and value addition. Given the nature of our business, our supply chain consists of vendors who provide us with the workforce who help us operate our extractive and processing businesses as well as operators who supply us with high-end technologies that help us conduct our operations in the most efficient, responsible, and cost effective manner possible. We are also committed to ensuring that we encourage local vendors become part of our supply chain so that the presence of our businesses benefits the local economies and communities.
	102-10: Significant changes to the organisation and its supply chain	There were no significant changes to the organisation and its supply chain in FY 2017-18.
	102-11: Precautionary principle or approach	Vedanta seeks to ensure that all of our operations follow a stringent application of environmental and social principles. All of our businesses undergo an Environmental and Social Impact Assessment before beginning operations. Findings from the ESIA are considered and a mitigation plan developed. We have also committed to ensuring that we receive the Free, Prior, Informed Consent of indigenous communities from where we source our ores.
102- 12: External initiatives	Vedanta aligns itself with the following external charters & principles: UN Global Compact, UN Sustainable Development Goals, ICMM, IOGP, IFC Performance Standards, GHG Greenhouse Gas Protocol.	
102- 13: Memberships of associations	Vedanta Sustainability Report 2017-18: Page 78 (Strategic Engagements & Advocacy) Vedanta is also a member of various industry associations in the countries where it operates (Eg: Confederation of India Industry)	
Strategy		
GRI 102- General Disclosures 2016	102-14: Statement from senior decision-maker	Vedanta Sustainability Report 2017-18: Page 03 (From the Chairman's Desk), Page 05 (CEO's Message)
Ethics & Integrity		
GRI 102- General Disclosures 2016	102-16: Values, principles, standards, and norms of behaviour	Vedanta Sustainability Report 2017-18: Page 01 (Vedanta at a glance)
Governance		
GRI 102- General Disclosures 2016	102-18: Governance Structure	Vedanta Sustainability Report 2017-18: Page 15 (Governance)
Stakeholder Engagement		
GRI 102- General Disclosures 2016	102-40: List of stakeholder groups	Vedanta Sustainability Report 2017-18: Page 38 (Stakeholder Engagement)
	102-41: Collective bargaining agreements	Vedanta Sustainability Report 2017-18: Page 42 (Collective Bargaining)
	102-42: Identifying and selecting stakeholders	Vedanta Sustainability Report 2017-18: Page 38 (Stakeholder Engagement)
	102-43: Approach to stakeholder engagement	Vedanta Sustainability Report 2017-18: Page 38-40 (Stakeholder Engagement)
	102-44: Key topics & concerns raised	Vedanta Sustainability Report 2017-18: Page 38-40 (Stakeholder Engagement) Vedanta Resources plc Annual Report 2017-18: Page 126
Reporting Practice		
GRI 102- General Disclosures 2016	102-45: Entities included in the consolidated financial statements	Vedanta Resources plc Annual Report 2017-18
	102-46: Defining report content and topic boundaries	Vedanta Sustainability Report 2017-18: Page 82 (About this report)
	102-47: List of material topics	Vedanta Sustainability Report 2017-18: Page 10 (Materiality)
	102-48: Restatements of information	Vedanta Sustainability Report 2017-18: Page 82 (About this report)
	102-49: Changes in reporting	Vedanta Sustainability Report 2017-18: Page 82 (About this report)

GRI Standard	Disclosure	Response
	102-50: Reporting period	The reporting period for this report is FY 2017-18
	102-51: Date of most recent report	Vedanta's previous sustainability report was released in June 2017
	102-52: Reporting cycle	Annual
	102-53: Contact point for questions regarding the report	Questions can be directed to: sustainability@vedanta.co.in
	102-54: Claims of reporting in accordance with the GRI Standards	Vedanta Sustainability Report 2017-18: Page 82 (About this report)
	102-55: GRI Content Index	Vedanta Sustainability Report 2017-18: Page 86 (GRI Content Index)
	102-56: External Assurance	Vedanta Sustainability Report 2017-18: Page 84 (Assurance Statement)

Specific Standard Disclosures

Category: Economic

GRI Standard	Disclosure	Response																											
ECONOMIC PERFORMANCE																													
GRI 103: Management Approach 2016	103-1: Explanation of the material topic and its boundary	Boundary: Entire organisation																											
	103-2: The management approach and its components	Vedanta Resources plc Annual Report 2017-18: Page 6, Pages 26-29																											
	103-3: Evaluation of management approach	Vedanta Resources plc Annual Report 2017-18: Pages 32-33, Page 107																											
GRI 201: Economic Performance 2016	201-1: Direct economic value generated and distributed	Vedanta Sustainability Report 2017-18: Page 68 (Economic Performance)																											
		<table border="1"> <thead> <tr> <th>Economic Value Generated and Distributed (in US\$ million)</th> <th>FY 2017-18</th> <th>FY 2016-17</th> </tr> </thead> <tbody> <tr> <td>Economic value generated</td> <td>15,092.14</td> <td>11,579.40</td> </tr> <tr> <td>Economic value distributed</td> <td>14,566.30</td> <td>11,130.73</td> </tr> <tr> <td>a) Operating Costs</td> <td>11,309.80</td> <td>8,842.00</td> </tr> <tr> <td>b) Employee wages and benefits</td> <td>630.70</td> <td>591.10</td> </tr> <tr> <td>c) Payment to providers of capital</td> <td>1,582.60</td> <td>901.00</td> </tr> <tr> <td>d) Payment to government</td> <td>1,004.45</td> <td>779.00</td> </tr> <tr> <td>e) Community investments (including donation)-</td> <td>38.75</td> <td>17.63</td> </tr> <tr> <td>Economic value retained (Calculated as Economic value generated less economic value distributed)</td> <td>525.84</td> <td>466.30</td> </tr> </tbody> </table>	Economic Value Generated and Distributed (in US\$ million)	FY 2017-18	FY 2016-17	Economic value generated	15,092.14	11,579.40	Economic value distributed	14,566.30	11,130.73	a) Operating Costs	11,309.80	8,842.00	b) Employee wages and benefits	630.70	591.10	c) Payment to providers of capital	1,582.60	901.00	d) Payment to government	1,004.45	779.00	e) Community investments (including donation)-	38.75	17.63	Economic value retained (Calculated as Economic value generated less economic value distributed)	525.84	466.30
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201-3: Defined benefit plan obligations and other retirement plans	<table border="1"> <thead> <tr> <th>Coverage of the organisation's defined benefit plan obligations (US\$ million)</th> <th>FY 2017-18</th> <th>FY 2016-17</th> </tr> </thead> <tbody> <tr> <td>Defined contribution pension scheme costs</td> <td>16.40</td> <td>22.00</td> </tr> <tr> <td>Defined benefit pension scheme costs</td> <td>37.10</td> <td>21.00</td> </tr> <tr> <td>Share based payment charge</td> <td>20.50</td> <td>16.00</td> </tr> <tr> <td>Total</td> <td>74.00</td> <td>59.00</td> </tr> </tbody> </table>	Coverage of the organisation's defined benefit plan obligations (US\$ million)	FY 2017-18	FY 2016-17	Defined contribution pension scheme costs	16.40	22.00	Defined benefit pension scheme costs	37.10	21.00	Share based payment charge	20.50	16.00	Total	74.00	59.00													
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MARKET PRESENCE																													
GRI 103: Management Approach 2016		Vedanta Resources plc Annual Report 2017-18: Page 20-25																											
GRI 202: Market Presence 2016	202-1: Ratios of standard entry level wage by gender compared to local minimum wage	At all our significant locations, we ensure that the ratios of entry level wages meets or exceeds the legal requirements and complies with all applicable laws. With regards to gender, the ratio is 1:1 and we don't discriminate in any way in terms of standard entry level wages.																											
	202-2: Proportion of senior management hired from local community	Vedanta Sustainability Report 2017-18: Page 63 (Diversity and inclusion)																											
INDIRECT ECONOMIC IMPACTS																													
GRI 103: Management Approach 2016		Vedanta Sustainability Report 2017-18: Page 08 (Global Context – Retaining our social license to operate), Page 46 (Community)																											
GRI 203: Indirect Economic Impacts 2016	203-1: Infrastructure investments and services supported	Vedanta Sustainability Report 2017-18: Page 46 (Community), Page 47 (Nandghar), Page 51 (Healthcare through hospitals)																											
ANTI-CORRUPTION																													
GRI 103: Management Approach 2016		Vedanta Resources plc Annual Report 2017-18: Page 123, Pages 117-124																											
GRI 205: Anti-Corruption 2016	205-1: Operations assessed for risks related to corruption	100% of our operations are assessed for risks related to corruption. The assessments are conducted by the Management Assurance Services (MAS) team. More details can be found at: Vedanta Resources plc Annual Report 2017-18: Pages 117-124																											
	205-2: Communication and training about anti-corruption policies and procedures	Vedanta Sustainability Report 2017-18: Page 16 (Code of business conduct and ethics)																											

GRI Standard	Disclosure	Response																																												
	205-3: Confirmed incidents of corruption and action taken	<table border="1"> <tr> <td>Number of whistle-blower cases opened in 2017-18</td> <td>87</td> </tr> <tr> <td>Number of whistle-blower cases upheld and found correct in 2017-18</td> <td>23</td> </tr> <tr> <td>Number of whistle-blower cases closed in 2017-18</td> <td>76</td> </tr> </table>	Number of whistle-blower cases opened in 2017-18	87	Number of whistle-blower cases upheld and found correct in 2017-18	23	Number of whistle-blower cases closed in 2017-18	76																																						
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ANTI-COMPETITIVE BEHAVIOUR																																														
GRI 103: Management Approach 2016		<p>From of Code of Business Conduct and Ethics:</p> <p>Vedanta is committed to free and open competition in the marketplace. Employees should avoid actions that would be contrary to laws governing competitive practices in the marketplace, including federal and state anti-trust laws. Such actions include misappropriation and/or misuse of a competitor's confidential information or making false statements about the competitor's business and business practices. The Group and its employees shall under no circumstances engage in any anti-competitive practices such as illegal fixing of prices, sharing of markets or other actions which prevent, restrict or distort competition in violation of applicable anti-trust laws.</p>																																												
GRI 206: Anti-Competitive Behaviour 2016	206-1: Legal actions for anti-competitive behaviour, anti-trust, and monopoly practices	No legal action.																																												
MATERIAL ASPECT: OIL RESERVES																																														
OG1	Volume and type of estimated proved reserves and production.	<table border="1"> <thead> <tr> <th rowspan="2"></th> <th colspan="2">Proved & Probable Reserves</th> <th colspan="2">Proved & Probable Reserves (developed)</th> </tr> <tr> <th>Oil (mmstb)</th> <th>Gas (bscf)</th> <th>Oil (mmstb)</th> <th>Gas (bscf)</th> </tr> </thead> <tbody> <tr> <td>Reserves as of 1 April 2016</td> <td>160.20</td> <td>55.05</td> <td>144.73</td> <td>28.47</td> </tr> <tr> <td>Additions/revision during the year</td> <td>(4.81)</td> <td>(2.48)</td> <td>(1.60)</td> <td>(8.83)</td> </tr> <tr> <td>Production during the year</td> <td>(43.43)</td> <td>(4.84)</td> <td>(43.43)</td> <td>(4.84)</td> </tr> <tr> <td>Reserves as of 31 March 2017</td> <td>111.96</td> <td>47.73</td> <td>99.70</td> <td>14.80</td> </tr> <tr> <td>Additions/revision during the year</td> <td>27.68</td> <td>12.01</td> <td>13.44</td> <td>20.95</td> </tr> <tr> <td>Production during the year</td> <td>(41.86)</td> <td>(8.42)</td> <td>(41.86)</td> <td>(8.42)</td> </tr> <tr> <td>Reserves as of 31 March 2018</td> <td>97.78</td> <td>51.32</td> <td>71.27</td> <td>27.32</td> </tr> </tbody> </table>		Proved & Probable Reserves		Proved & Probable Reserves (developed)		Oil (mmstb)	Gas (bscf)	Oil (mmstb)	Gas (bscf)	Reserves as of 1 April 2016	160.20	55.05	144.73	28.47	Additions/revision during the year	(4.81)	(2.48)	(1.60)	(8.83)	Production during the year	(43.43)	(4.84)	(43.43)	(4.84)	Reserves as of 31 March 2017	111.96	47.73	99.70	14.80	Additions/revision during the year	27.68	12.01	13.44	20.95	Production during the year	(41.86)	(8.42)	(41.86)	(8.42)	Reserves as of 31 March 2018	97.78	51.32	71.27	27.32
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Category: Environment

GRI Standard	Disclosure	Response																																						
ENERGY																																								
GRI 103: Management Approach 2016		Vedanta Sustainability Report 2017-18: Page 30 (Energy, Emissions and Climate Related Business Risk - Approach)																																						
GRI 302: Energy 2016	302-1: Energy consumption within the organisation	<p>Vedanta Sustainability Report 2017-18: Page 30 (Energy, Emissions and Climate Related Business Risk)</p> <p>Unit wise breakup of total energy consumption (GJ) within organisation is as below:</p> <table border="1"> <thead> <tr> <th rowspan="2">Business</th> <th colspan="2">Total Energy (GJ)</th> </tr> <tr> <th>FY 2017-18</th> <th>FY 2016-17</th> </tr> </thead> <tbody> <tr> <td>Zinc India</td> <td>50,654,946</td> <td>44,356,047</td> </tr> <tr> <td>Zinc International</td> <td>3,060,086</td> <td>3,016,401</td> </tr> <tr> <td>Aluminium India</td> <td>161,939,598</td> <td>177,781,326</td> </tr> <tr> <td>Copper India</td> <td>4,107,254</td> <td>4,074,534</td> </tr> <tr> <td>Copper Australia</td> <td>92,959</td> <td>76,263</td> </tr> <tr> <td>Copper Africa</td> <td>7,498,295</td> <td>6,972,026</td> </tr> <tr> <td>Iron Ore Business</td> <td>1,445,642</td> <td>1,774,212</td> </tr> <tr> <td>Oil and Gas Sector</td> <td>19,358,552</td> <td>19,624,038</td> </tr> <tr> <td>Power Business</td> <td>198,418,692</td> <td>170,302,121</td> </tr> <tr> <td>Port Business</td> <td>42,343</td> <td>26,952</td> </tr> <tr> <td>Total</td> <td>446,618,367</td> <td>428,003,920</td> </tr> </tbody> </table> <p>Our CMT operations in Australia and KCM operations in Zambia fetch electricity from Hydro Power station. There is a minor deviation (<4%) in the energy number, observed during the assurance exercise. The change is not reflected in this disclosure in order to maintain consistency with all of the public disclosures in FY 2017-18. It will be restated in all disclosures in FY 2018-19.</p>	Business	Total Energy (GJ)		FY 2017-18	FY 2016-17	Zinc India	50,654,946	44,356,047	Zinc International	3,060,086	3,016,401	Aluminium India	161,939,598	177,781,326	Copper India	4,107,254	4,074,534	Copper Australia	92,959	76,263	Copper Africa	7,498,295	6,972,026	Iron Ore Business	1,445,642	1,774,212	Oil and Gas Sector	19,358,552	19,624,038	Power Business	198,418,692	170,302,121	Port Business	42,343	26,952	Total	446,618,367	428,003,920
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	302-4: Reduction of energy consumption	Vedanta Sustainability Report 2017-18: Page 30 (Energy, Emissions and Climate Related Business Risk)																																																											
	OG2: Total amount invested in Renewable Energy	During FY 2017-18 our Cairn Oil & Gas business invested US\$ 18,000 in renewable energy.																																																											
	OG3: Total amount of renewable energy generated by source	During FY 2017-18, total renewable energy generated at Cairn Oil & Gas in reporting period is 483.91 Mwh																																																											
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GRI 103: Management Approach 2016		Vedanta Sustainability Report 2017-18: Page 28 (Water)																																																											
GRI 303: Water 2016	303-1: Water withdrawal by source	<p>During the reporting period, we withdrew nearly 332 million cubic metres of water. The water was sourced from: 54.2% - ground water, 42.5% - surface water, 1.6% - wastewater from another organisation, 0.4% - water from tankers and 1.4% - rain-water harvesting. The total water withdrawal has decreased in comparison to FY 2016-17, when we withdrew 371 million cubic meters of water.</p> <table border="1"> <thead> <tr> <th rowspan="2">Business</th> <th colspan="2">FY 2017-18</th> <th colspan="2">FY 2016-17</th> </tr> <tr> <th>Ground Water (m³)</th> <th>Surface Water (m³)</th> <th>Ground Water (m³)</th> <th>Surface Water (m³)</th> </tr> </thead> <tbody> <tr> <td>Zinc India</td> <td>3,681,071</td> <td>20,382,341</td> <td>3,289,487</td> <td>16,684,509</td> </tr> <tr> <td>Zinc International</td> <td>2,002,257</td> <td>5,027,207</td> <td>1,364,266</td> <td>4,339,589</td> </tr> <tr> <td>Aluminium India</td> <td>59,195</td> <td>28,097,056*</td> <td>59,200</td> <td>50,719,645</td> </tr> <tr> <td>Copper India</td> <td>14,756</td> <td>1,313,793</td> <td>15,484</td> <td>3,807,720</td> </tr> <tr> <td>Copper Australia</td> <td>4,015,868</td> <td>3,425,614</td> <td>3,352,162</td> <td>3,139,927</td> </tr> <tr> <td>Copper Africa</td> <td>158,468,504</td> <td>38,083,904</td> <td>153,548,896</td> <td>40,246,679</td> </tr> <tr> <td>Iron Ore Business</td> <td>259,120</td> <td>3,139,259</td> <td>341,946</td> <td>2,638,065</td> </tr> <tr> <td>Oil and Gas Sector</td> <td>11,563,732</td> <td>-</td> <td>12,537,279</td> <td>-</td> </tr> <tr> <td>Power Sector</td> <td>-</td> <td>41,563,995</td> <td>631,457</td> <td>38,644,650</td> </tr> <tr> <td>Total</td> <td>180,064,503</td> <td>141,033,169</td> <td>175,140,177</td> <td>160,220,784</td> </tr> </tbody> </table>	Business	FY 2017-18		FY 2016-17		Ground Water (m ³)	Surface Water (m ³)	Ground Water (m ³)	Surface Water (m ³)	Zinc India	3,681,071	20,382,341	3,289,487	16,684,509	Zinc International	2,002,257	5,027,207	1,364,266	4,339,589	Aluminium India	59,195	28,097,056*	59,200	50,719,645	Copper India	14,756	1,313,793	15,484	3,807,720	Copper Australia	4,015,868	3,425,614	3,352,162	3,139,927	Copper Africa	158,468,504	38,083,904	153,548,896	40,246,679	Iron Ore Business	259,120	3,139,259	341,946	2,638,065	Oil and Gas Sector	11,563,732	-	12,537,279	-	Power Sector	-	41,563,995	631,457	38,644,650	Total	180,064,503	141,033,169	175,140,177	160,220,784
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	303-2: Water sources significantly affected by withdrawal of water	In about five locations, our water withdrawals are greater than or equal to 5% of the water body's annual average volume. However, none of these withdrawals can be considered sensitive as it does not threaten the biodiversity of the area. At all of our locations, we carefully monitor our water withdrawals and usage and where feasible, make efforts to recharge the water sources.																																																											
	303-3: Water recycled and reused	<p>Vedanta Sustainability Report 2017-18: Page 29 (Water)</p> <p>Vedanta has historically reported water recycling rates based on our total water consumption volumes. This amounts to 26.6% of water recycled.</p> <p>However, as per GRI requirements, the recycle rate of water is to be taken on water withdrawal volumes. The corresponding recycle rate becomes 22.3% in FY 2017-18.</p>																																																											
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GRI 304: Biodiversity 2016	304-1: Operational sites owned, leased, managed in, or adjacent to, protected areas and areas of high biodiversity value outside protected areas	Vedanta Sustainability Report 2017-18: Page 33 (Biodiversity)																																																											
	304-2: Significant impacts of activities, products, and services on biodiversity	Vedanta Sustainability Report 2017-18: Page 33 (Biodiversity)																																																											
	304-3: Habitats protected or restored	Vedanta Sustainability Report 2017-18: Page 33 (Biodiversity)																																																											

GRI Standard	Disclosure	Response																																			
	304-4: IUCN Red List species and national conservation list species with habitats in areas affected by operations	<table border="1"> <thead> <tr> <th>IUCN Classification</th> <th>Africa</th> <th>Asia</th> <th>Australia</th> </tr> </thead> <tbody> <tr> <td>Critically Endangered</td> <td>0</td> <td>3</td> <td>0</td> </tr> <tr> <td>Endangered</td> <td>5</td> <td>21</td> <td>8</td> </tr> <tr> <td>Vulnerable</td> <td>8</td> <td>29</td> <td>7</td> </tr> <tr> <td>Near Threatened</td> <td>4</td> <td>7</td> <td>0</td> </tr> <tr> <td>Least Concern</td> <td>184</td> <td>8</td> <td>0</td> </tr> </tbody> </table>	IUCN Classification	Africa	Asia	Australia	Critically Endangered	0	3	0	Endangered	5	21	8	Vulnerable	8	29	7	Near Threatened	4	7	0	Least Concern	184	8	0											
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	MM2: The number and percentage of total sites identified as requiring biodiversity management plans according to stated criteria, and the number (percentage) of those sites with plans in place	Vedanta Sustainability Report 2017-18: Page 33 (Biodiversity)																																			
	OG4: Number and percentage of significant operating sites in which biodiversity risk has been assessed and monitored	All sites in our Oil & Gas business																																			
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GRI 103: Management Approach 2016		Vedanta Sustainability Report 2017-18: Page 35 (Air quality)																																			
GRI 305: Emissions 2016	305-1: Direct (Scope 1) GHG emissions	<p>Vedanta Sustainability Report 2017-18: Page 30 (Energy, Emissions and Climate Related Business Risk)</p> <p>Our business-wise Scope I emissions are:</p> <table border="1"> <thead> <tr> <th rowspan="2">Business</th> <th colspan="2">Scope I Emission (tCO₂e)</th> </tr> <tr> <th>FY 2017-18</th> <th>FY 2016-17</th> </tr> </thead> <tbody> <tr> <td>Zinc India</td> <td>4,830,185</td> <td>4,288,645</td> </tr> <tr> <td>Zinc International</td> <td>87,919</td> <td>54,168</td> </tr> <tr> <td>Copper India & Australia</td> <td>624,738</td> <td>148,078</td> </tr> <tr> <td>Copper Africa</td> <td>150,306</td> <td>153,127</td> </tr> <tr> <td>Aluminium India</td> <td>33,167,409</td> <td>24,808,807</td> </tr> <tr> <td>Power Sector</td> <td>8,894,216</td> <td>18,996,251</td> </tr> <tr> <td>Oil & Gas Sector</td> <td>1,550,610</td> <td>1,465,348</td> </tr> <tr> <td>Iron Ore Business</td> <td>1,837,129</td> <td>1,982,484</td> </tr> <tr> <td>Port Business</td> <td>0</td> <td>0</td> </tr> <tr> <td>Total</td> <td>51,142,511</td> <td>51,896,908</td> </tr> </tbody> </table>	Business	Scope I Emission (tCO ₂ e)		FY 2017-18	FY 2016-17	Zinc India	4,830,185	4,288,645	Zinc International	87,919	54,168	Copper India & Australia	624,738	148,078	Copper Africa	150,306	153,127	Aluminium India	33,167,409	24,808,807	Power Sector	8,894,216	18,996,251	Oil & Gas Sector	1,550,610	1,465,348	Iron Ore Business	1,837,129	1,982,484	Port Business	0	0	Total	51,142,511	51,896,908
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	305-2: Energy indirect (Scope 2) GHG emissions	<p>Vedanta Sustainability Report 2017-18: Page 30 (Energy, Emissions and Climate Related Business Risk)</p> <p>Our business-wise Scope II emissions are:</p> <table border="1"> <thead> <tr> <th rowspan="2">Business</th> <th colspan="2">Scope II Emission (tCO₂e)</th> </tr> <tr> <th>FY 2017-18</th> <th>FY 2016-17</th> </tr> </thead> <tbody> <tr> <td>Zinc India</td> <td>154,564</td> <td>114,211</td> </tr> <tr> <td>Zinc International</td> <td>594,167</td> <td>644,554</td> </tr> <tr> <td>Copper India & Australia</td> <td>87,591</td> <td>515,274</td> </tr> <tr> <td>Copper Africa</td> <td>4,780</td> <td>4,613</td> </tr> <tr> <td>Aluminium India</td> <td>237,024</td> <td>52,542</td> </tr> <tr> <td>Power Sector</td> <td>8,901</td> <td>6,736</td> </tr> <tr> <td>Oil & Gas Sector</td> <td>84,980</td> <td>70,827</td> </tr> <tr> <td>Iron Ore Business</td> <td>18,428</td> <td>18,986</td> </tr> <tr> <td>Port Business</td> <td>11,641</td> <td>4,922</td> </tr> <tr> <td>Total</td> <td>1,202,076</td> <td>1,432,665</td> </tr> </tbody> </table> <p>Our Australia and Zambia operation purchased electricity from hydro emission with low GHG emission factor.</p>	Business	Scope II Emission (tCO ₂ e)		FY 2017-18	FY 2016-17	Zinc India	154,564	114,211	Zinc International	594,167	644,554	Copper India & Australia	87,591	515,274	Copper Africa	4,780	4,613	Aluminium India	237,024	52,542	Power Sector	8,901	6,736	Oil & Gas Sector	84,980	70,827	Iron Ore Business	18,428	18,986	Port Business	11,641	4,922	Total	1,202,076	1,432,665
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	305-4: GHG emissions intensity	<table border="1"> <thead> <tr> <th rowspan="2">Business</th> <th colspan="3">FY 2017-18</th> <th colspan="3">FY 2016-17</th> </tr> <tr> <th>Scope 1 + Scope 2 GHG Emissions (tCO₂e)</th> <th>Revenue (US\$ mn)</th> <th>GHG Intensity</th> <th>Scope 1 + Scope 2 GHG Emissions (tCO₂e)</th> <th>Revenue (US\$ mn)</th> <th>GHG Intensity</th> </tr> </thead> <tbody> <tr> <td>Zinc India</td> <td>4,984,749</td> <td>3,369</td> <td>1,480</td> <td>4,402,856</td> <td>2,525</td> <td>1,744</td> </tr> <tr> <td>Zinc International</td> <td>682,086</td> <td>535</td> <td>1,275</td> <td>698,722</td> <td>332</td> <td>2,102</td> </tr> <tr> <td>Copper India & Australia</td> <td>712,329</td> <td>3,833</td> <td>186</td> <td>663,353</td> <td>3,134</td> <td>212</td> </tr> <tr> <td>Copper Africa</td> <td>155,086</td> <td>1,283</td> <td>121</td> <td>157,740</td> <td>874</td> <td>180</td> </tr> <tr> <td>Aluminium India</td> <td>33,404,433</td> <td>3,588</td> <td>9,310</td> <td>24,861,348</td> <td>2,040</td> <td>12,187</td> </tr> <tr> <td>Power Sector</td> <td>8,903,117</td> <td>877</td> <td>10,152</td> <td>19,002,987</td> <td>836</td> <td>22,734</td> </tr> <tr> <td>Oil & Gas Sector</td> <td>1,635,590</td> <td>1,480</td> <td>1,105</td> <td>1,536,175</td> <td>1,223</td> <td>1,256</td> </tr> <tr> <td>Iron Ore Business</td> <td>1,855,557</td> <td>487</td> <td>3,810</td> <td>2,001,470</td> <td>615</td> <td>3,252</td> </tr> <tr> <td>Port Business</td> <td>11,641</td> <td>(92)</td> <td>(127)</td> <td>4,922</td> <td>(59)</td> <td>(83)</td> </tr> <tr> <td>Total</td> <td>52,344,587</td> <td>15,360</td> <td>3,480</td> <td>53,329,573</td> <td>11,520</td> <td>4,629</td> </tr> </tbody> </table>	Business	FY 2017-18			FY 2016-17			Scope 1 + Scope 2 GHG Emissions (tCO ₂ e)	Revenue (US\$ mn)	GHG Intensity	Scope 1 + Scope 2 GHG Emissions (tCO ₂ e)	Revenue (US\$ mn)	GHG Intensity	Zinc India	4,984,749	3,369	1,480	4,402,856	2,525	1,744	Zinc International	682,086	535	1,275	698,722	332	2,102	Copper India & Australia	712,329	3,833	186	663,353	3,134	212	Copper Africa	155,086	1,283	121	157,740	874	180	Aluminium India	33,404,433	3,588	9,310	24,861,348	2,040	12,187	Power Sector	8,903,117	877	10,152	19,002,987	836	22,734	Oil & Gas Sector	1,635,590	1,480	1,105	1,536,175	1,223	1,256	Iron Ore Business	1,855,557	487	3,810	2,001,470	615	3,252	Port Business	11,641	(92)	(127)	4,922	(59)	(83)	Total	52,344,587	15,360	3,480	53,329,573	11,520	4,629
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	305-7: NO _x , SO _x , and other significant air emissions	<p>Vedanta Sustainability Report 2017-18: Page 35 (Air Quality)</p> <table border="1"> <thead> <tr> <th rowspan="2">Business</th> <th colspan="3">FY 2017-18 (in MT)</th> <th colspan="3">FY 2016-17 (in MT)</th> </tr> <tr> <th>PM Emissions</th> <th>SO_x Emissions</th> <th>NO_x Emissions</th> <th>PM Emissions</th> <th>SO_x Emissions</th> <th>NO_x Emissions</th> </tr> </thead> <tbody> <tr> <td>Zinc India</td> <td>1,039</td> <td>22,112</td> <td>6,798</td> <td>887</td> <td>19,255</td> <td>6,328</td> </tr> <tr> <td>Zinc International</td> <td>-</td> <td>105</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>Copper India & Australia</td> <td>7</td> <td>773</td> <td>-</td> <td>7</td> <td>902</td> <td>-</td> </tr> <tr> <td>Copper Africa</td> <td>417</td> <td>2,018</td> <td>104</td> <td>1,760</td> <td>3,984</td> <td>125</td> </tr> <tr> <td>Aluminium India</td> <td>2,733</td> <td>35,144</td> <td>12,406</td> <td>2,344</td> <td>40,104</td> <td>10,273</td> </tr> <tr> <td>Power Sector</td> <td>4,387</td> <td>131,579</td> <td>37,526</td> <td>5,101</td> <td>113,838</td> <td>28,003</td> </tr> <tr> <td>Oil & Gas Sector</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>Iron Ore Business</td> <td>255</td> <td>20</td> <td>20</td> <td>957</td> <td>242</td> <td>206</td> </tr> <tr> <td>Port Business</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>Total</td> <td>8,837</td> <td>191,751</td> <td>56,854</td> <td>11,056</td> <td>178,324</td> <td>44,935</td> </tr> </tbody> </table>	Business	FY 2017-18 (in MT)			FY 2016-17 (in MT)			PM Emissions	SO _x Emissions	NO _x Emissions	PM Emissions	SO _x Emissions	NO _x Emissions	Zinc India	1,039	22,112	6,798	887	19,255	6,328	Zinc International	-	105	-	-	-	-	Copper India & Australia	7	773	-	7	902	-	Copper Africa	417	2,018	104	1,760	3,984	125	Aluminium India	2,733	35,144	12,406	2,344	40,104	10,273	Power Sector	4,387	131,579	37,526	5,101	113,838	28,003	Oil & Gas Sector	-	-	-	-	-	-	Iron Ore Business	255	20	20	957	242	206	Port Business	-	-	-	-	-	-	Total	8,837	191,751	56,854	11,056	178,324	44,935
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GRI 306: Effluents and Waste 2016	306-1: Water discharge by quality and destination	<p>Vedanta Sustainability Report 2017-18</p> <p>Most of our operational processes have been designed to be ‘zero discharge’ facilities, where the generated waste water is treated and completely recycled back into process areas such as slag granulation, lime preparation and gas cleaning plants.</p> <p>In addition to these initiatives, effluent and sewage treatment plants are installed at many locations for reusing water at primary locations. Waste water discharge complies with applicable regulatory limits and, at all sites waste water is treated in effluent treatment plants. Metals are precipitated by addition of lime and flocculants with the use of sediment ponds.</p> <p>Waste Water Discharged:</p> <table border="1"> <thead> <tr> <th>Business</th> <th>FY 2017-18 (m³)</th> <th>FY 2016-17 (m³)</th> </tr> </thead> <tbody> <tr> <td>Zinc International</td> <td>72,551</td> <td>894</td> </tr> <tr> <td>Copper India & Australia</td> <td>4,208,027</td> <td>3,379,344</td> </tr> <tr> <td>Copper Africa</td> <td>147,094,781</td> <td>148,568,472</td> </tr> <tr> <td>Aluminium India</td> <td>310,497</td> <td>414,826</td> </tr> <tr> <td>Oil & Gas Business</td> <td>1,009,356</td> <td>750,258</td> </tr> <tr> <td>Iron Ore Business</td> <td>180,939</td> <td>113,556</td> </tr> <tr> <td>Power</td> <td>-</td> <td>94,700</td> </tr> <tr> <td>Port Business</td> <td>7</td> <td>-</td> </tr> <tr> <td>Total</td> <td>152,876,157</td> <td>153,322,050</td> </tr> </tbody> </table>	Business	FY 2017-18 (m ³)	FY 2016-17 (m ³)	Zinc International	72,551	894	Copper India & Australia	4,208,027	3,379,344	Copper Africa	147,094,781	148,568,472	Aluminium India	310,497	414,826	Oil & Gas Business	1,009,356	750,258	Iron Ore Business	180,939	113,556	Power	-	94,700	Port Business	7	-	Total	152,876,157	153,322,050																																																					
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	OG7: Amount of drilling waste (drill mud and cuttings) and strategies for treatment and disposal	<p>The figure represents quantity of drilling waste generated.</p> <table border="1"> <thead> <tr> <th>Category</th> <th>Unit</th> <th>Disposal Method</th> <th>FY 2017-18</th> </tr> </thead> <tbody> <tr> <td>Drilling waste containing oil</td> <td>MT</td> <td>Secure Landfill</td> <td>3,257</td> </tr> <tr> <td>Water Based Mud Drill Cuttings</td> <td>MT</td> <td>Used as subgrade material for construction</td> <td>1,998</td> </tr> <tr> <td>Synthetic Oil Based Mud Drilling Waste</td> <td>MT</td> <td>Secure Landfill</td> <td>0</td> </tr> </tbody> </table>	Category	Unit	Disposal Method	FY 2017-18	Drilling waste containing oil	MT	Secure Landfill	3,257	Water Based Mud Drill Cuttings	MT	Used as subgrade material for construction	1,998	Synthetic Oil Based Mud Drilling Waste	MT	Secure Landfill	0																																																																																										
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GRI 308: Supplier Environmental Assessment 2016	308-1: New suppliers that were screened using environmental criteria	All new suppliers undergo Sustainability screening checklist and scoring system before getting registered with us.																																																																																																										

Category Social

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	401-2: Benefits provided to full-time employees that are not provided to temporary or part-time employees	Benefits provided to full-time employees that are not provided to part-time or temporary employees include: life-insurance scheme, health-insurance scheme, disability coverage, parental leave, retirement benefits and management grades are covered under stock options scheme of Vedanta.																																																								
	401-3: Parental leave	Vedanta Sustainability Report 2017-18: Page 64 (Progressive Policies)																																																								
LABOUR/MANAGEMENT RELATIONS																																																										
GRI 103: Management Approach 2016																																																										
GRI 402: Labour/ Management Changes 2016	402-1: Minimum notice periods regarding operational changes	Mechanism to bring awareness to all employees on any significant operational change like restructuring, mergers, acquisitions, expansions etc. is in place. Notice period(s) regarding significant operational changes is indicated in collective bargaining agreements and certified standing order of respective entities. For example in India it is minimum 21 days, Zambia minimum notice period is one year; Namibia three months and South Africa one month.																																																								
	G4-MM4: Number of strikes and lock-outs exceeding one week's duration, by country	All incidence pertaining to social are categorised - negligible (category 1), minor (category 2), moderate (category 3), serious (category 4) and disastrous (category 5) and captured on a monthly basis.																																																								
OCCUPATIONAL HEALTH AND SAFETY																																																										
GRI 103: Management Approach 2016		Vedanta Sustainability Report 2017-18: Page 22 (Safety & Occupational Health)																																																								
GRI 403: Occupational Health & Safety	403-1: Workers representation in formal joint management-worker health and safety committees	100% of total workforce represented in formal joint management - worker health and safety committee. All units are having safety committee, having representation from the management and unionised workers, which covers entire workforce working at site. The total workforce vary significantly based on the operations and are generally specified in collective contractual agreements. The committee meets on regular basis to advice on occupational health and safety improvement. In case of operations without a worker union, the principle contractor along with sub-contractors is invited to the monthly meetings to discuss specific HSE issues.																																																								
	403-2: Type of injury and rates of injury, occupational diseases, lost days, and absenteeism, and total number of work related fatalities	Vedanta Sustainability Report 2017-18: Page 24 (Safety Performance) All definitions as per ICMM guidelines <table border="1"> <thead> <tr> <th colspan="2"></th> <th>FY 2017-18</th> </tr> </thead> <tbody> <tr> <td rowspan="4">Employees</td> <td>Total Injuries</td> <td>53</td> </tr> <tr> <td>Injury Rates (Total Recordable Injury FR)</td> <td>1.01</td> </tr> <tr> <td>Lost Day Rate</td> <td>14.68</td> </tr> <tr> <td>Work-Related Fatalities</td> <td>2</td> </tr> <tr> <td rowspan="4">Contract Workers + Third Party</td> <td>Total Injuries</td> <td>191</td> </tr> <tr> <td>Injury Rates (Total Recordable Injury FR)</td> <td>1.23</td> </tr> <tr> <td>Lost Day Rate</td> <td>14.92</td> </tr> <tr> <td>Work-Related Fatalities</td> <td>7</td> </tr> <tr> <td>Combined</td> <td>Total Recordable Disease Frequency Rate</td> <td>2.82</td> </tr> </tbody> </table>			FY 2017-18	Employees	Total Injuries	53	Injury Rates (Total Recordable Injury FR)	1.01	Lost Day Rate	14.68	Work-Related Fatalities	2	Contract Workers + Third Party	Total Injuries	191	Injury Rates (Total Recordable Injury FR)	1.23	Lost Day Rate	14.92	Work-Related Fatalities	7	Combined	Total Recordable Disease Frequency Rate	2.82																																
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	403-3: Health and safety topics covered in formal agreements with trade unions	Health and safety topics are covered in the formal agreements with trade union. It is clearly stated in the agreement that the workmen / recognised union / federation will support in all the measures / initiatives to be taken by the Company for improving production / productivity, work culture, quality & safety. Beside this, certified Standing Orders of units also cover these topics.																																																								

GRI Standard	Disclosure	Response																													
TRAINING AND EDUCATION																															
GRI 103: Management Approach 2016		Vedanta Sustainability Report 2017-18: Page 61 (Talent Management and Development)																													
GRI 404: Training and Education 2016	404-1: Average hours of training per year per employee	Vedanta Sustainability Report 2017-18: Page 61 (Talent Management and Development)																													
	404-2: Programs for upgrading employee skills and transition assistance programs	In line with our philosophy, continuous learning & capability building is imperative for an organisation to grow. To cater to this need, our business entities provide training on technical skill building .We also conduct structured programs to assist employees for smooth transitioning from work to retirement. Some of the programs are on Computer Literacy programs, wealth management, tradesman skill building programs, certificates and diploma courses, retirement workshops & employee assistance programs.																													
	404-3: Percentage of employees receiving regular performance and career development reviews	100% of our employees receive regular performance reviews.																													
DIVERSITY AND EQUAL OPPORTUNITY																															
GRI 103: Management Approach 2016		Vedanta Sustainability Report 2017-18: Page 63 (Diversity and Inclusion)																													
GRI 405: Diversity and Equal Opportunity 2016	405-1: Diversity of governance bodies and employees.	<table border="1"> <thead> <tr> <th colspan="6">Composition of Governance Bodies</th> </tr> <tr> <th rowspan="2">List different type of Board</th> <th colspan="3">Age group</th> <th colspan="2">Gender</th> </tr> <tr> <th>Less than 30 years</th> <th>Between 30-50 years</th> <th>Above 50 Years</th> <th>Male</th> <th>Female</th> </tr> </thead> <tbody> <tr> <td>Board of Directors</td> <td>0%</td> <td>14.3%</td> <td>85.7%</td> <td>85.7%</td> <td>14.3%</td> </tr> <tr> <td>Employees</td> <td></td> <td>-</td> <td></td> <td>89.44%</td> <td>10.56%</td> </tr> </tbody> </table>	Composition of Governance Bodies						List different type of Board	Age group			Gender		Less than 30 years	Between 30-50 years	Above 50 Years	Male	Female	Board of Directors	0%	14.3%	85.7%	85.7%	14.3%	Employees		-		89.44%	10.56%
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Employees		-		89.44%	10.56%																										
405-2: Ratio of basic salary and remuneration of women to men.	We are an equal opportunity employer. Across Vedanta Group we recruit both men & women on equal salary ratio. Our remuneration is linked to performance of the individual, business entity and overall group.																														
NON-DISCRIMINATION																															
GRI 103: Management Approach 2016																															
GRI 406: Non-discrimination	406-1: Incidents of discrimination and corrective actions taken	Vedanta is an equal opportunity employer and does not discriminate based on race, religion, caste, gender, age, disability, HIV/AIDS status, and any other characteristic.																													
		We see sexual harassment at the workplace as one form of discriminatory behaviour. We have formal procedures for mediating cases of sexual harassment brought to a committee. The committee includes external members on the panel to ensure independence and provide balance.																													
		<table border="1"> <thead> <tr> <th colspan="2">Sexual Harassment cases FY 2017-18</th> </tr> </thead> <tbody> <tr> <td>Number of sexual harassment cases opened</td> <td>16</td> </tr> <tr> <td>Number of sexual harassment cases upheld and found correct</td> <td>14</td> </tr> <tr> <td>Number of sexual harassment cases closed</td> <td>15</td> </tr> </tbody> </table>	Sexual Harassment cases FY 2017-18		Number of sexual harassment cases opened	16	Number of sexual harassment cases upheld and found correct	14	Number of sexual harassment cases closed	15																					
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FREEDOM OF ASSOCIATION AND COLLECTIVE BARGAINING																															
GRI 103: Management Approach 2016		Vedanta's Human Rights Policy recognises the right to associate freely and to collective bargaining.																													
GRI 407: Freedom of Association and Collective Bargaining 2016	407-1: Operations and suppliers in which the right to exercise freedom of association and collective bargaining may be violated or at significant risk	Vedanta Sustainability Report 2017-18: Page 42 (Collective Bargaining)																													
		<p>We have collective bargaining agreements with our workmen at HZL, BALCO, CMT, KCM, Sesa and Zinc International Operations. The agreements are negotiated and agreed by both management and union representatives. The agreements include clauses relating to remuneration, allowances, working conditions, incentives and bonuses, health and safety, manpower productivity. All the significant policy and operational changes affecting the unionised employees are intimated to them through union representatives. Our units at BALCO, CMT, HZL, SESA GOA, KCM & Zinc International have recognised unions while other locations have adequate systems and processes for employee development, appraisal, remuneration and grievance redressal.</p> <p>Similarly our significant suppliers are generally the big & well reputed industry organisations like Coal India, SAIL and L&T etc. with whom we engage directly for the bulk of material for further processing or as raw material. All these organisations have the collective bargaining and other labour union mechanisms.</p>																													
CHILD LABOUR																															
GRI 103: Management Approach 2016		Vedanta's Human Rights Policy states that the company has zero tolerance for child labour – directly or through contracted labour.																													
GRI 408: Child Labour 2016	408-1: Operations and suppliers at significant risk for incidents of child labour	Vedanta Sustainability Report 2017-18: Page 43 (Ensuring right age for the right job)																													

GRI Standard	Disclosure	Response
FORCED OR COMPULSORY LABOUR		
GRI 103: Management Approach 2016		Vedanta's Human Rights Policy states that the company has zero tolerance for forced or compulsory labour – directly or through contracted labour.
GRI 409: Forced or Compulsory Labour 2016	409-1: Operations and suppliers at significant risk for incidents of forced or compulsory labour	Vedanta Sustainability Report 2017-18: Page 43 (Supplier Diligence)
SECURITY PRACTICES		
GRI 103: Management Approach 2016		
GRI 410: Security Practices 2016	410-1: Security personnel trained in human rights policies or procedures	Vedanta Sustainability Report 2017-18: Page 42 (Human Rights)
RIGHTS OF INDIGENOUS PEOPLES		
GRI 103: Management Approach 2016		Vedanta has well-defined policies and standards to ensure that we uphold the rights of indigenous peoples, should we need to interact with them around our operations. The standards outline the actions Vedanta needs to take at each stage of its operations in case we are operating on or near their traditional lands and/or are faced with relocation of indigenous peoples due to our activities. The standards call upon the company to: <ul style="list-style-type: none"> - Ensure full respect for the dignity, human rights, aspirations, cultures, and natural-resource based livelihoods of the IPs. - Avoid adverse impacts of the project on the IPs and when avoidance is unfeasible to minimise those impacts - Establish and maintain an on-going relationship with the affected IPs - Foster good faith negotiations and informed participation of IPs when projects are located on traditional lands - Respect and preserve the culture, knowledge, and practices of IPs
GRI 411: Rights of Indigenous Peoples	411-1: Incidents of violations involving rights of indigenous peoples	There were no violations involving the rights of indigenous peoples during the reporting year.
	G4-MM5: Total number of operations taking place in or adjacent to Indigenous Peoples' territories, and number and percentage of operations or sites where there are formal agreements with Indigenous Peoples' communities.	None of our operating mines are operating in or adjacent to indigenous people territory.
	G4-OG9: Operations where indigenous communities are present or affected by activities and where specific engagement strategies are in place.	Our operations in Odisha are located near indigenous peoples territories.
	G4-MM6: Number and description of significant disputes relating to land use, customary rights of local communities and Indigenous Peoples.	No significant disputes relating to land use, customary rights of local communities and indigenous peoples was brought to our notice during the reporting year.
GRI 411: Rights of Indigenous Peoples	G4-MM7: The extent to which grievance mechanisms were used to resolve disputes relating to land use, customary rights of local communities and Indigenous Peoples, and the outcomes.	No significant disputes relating to land use, customary rights of local communities and indigenous peoples was brought to our notice during the reporting year.
	G4-OG10: Number and description of significant disputes with local communities and indigenous peoples.	None
HUMAN RIGHTS ASSESSMENT		
GRI 103: Management Approach 2016		Vedanta Sustainability Report 2017-18: Page 42 (Human Rights) Vedanta's Human Rights policy is the guiding document for our human rights practices.

GRI Standard	Disclosure	Response												
GRI 412: Human Rights Assessment 2016	412-1: Operations that have been subject to human rights reviews or impact assessments.	Each year, all of our operational sites undergo the Vedanta Sustainability Assurance Program (VSAP) audit. This audit is conducted by an external 3 rd party overseen by our Management Assurance Services (MAS) team. As part of the audit, sites are evaluated on their human rights management related to supplier and vendor management.												
	412-2: Employee training on human rights policies or procedures	Vedanta Sustainability Report 2017-18: Page 42 (Human Rights)												
	412-3: Significant investment agreements and contracts that include human rights clauses or that underwent human rights screening	Through our Human Rights policy – which has been implemented across all Group businesses - Vedanta is committed to ensuring that the processes that it has in place, and continues to develop, follow the UN Guiding Principles. By conducting ESIA's in compliance with applicable legal requirements and Vedanta Sustainability Framework, human rights considerations are taken into account for all new projects, including the obligation to undertake a human rights screening process in all merger and acquisition activities.												
LOCAL COMMUNITIES														
GRI 103: Management Approach 2016		Vedanta Sustainability Report 2017-18: Page 46 (Community)												
GRI 413: Local Communities 2016	413-1: Operations with local community engagement, impact assessments, and development programs	Vedanta Sustainability Report 2017-18: Pages 44-59 All of our operations have on-going local community engagements. These engagements are driven by a structured stakeholder engagement plan for all of the mapped stakeholders. In this fiscal year, we also began the process of conducting a mid-term needs and impact assessment for all of our CSR projects. The work will be completed in FY 2018-19. Prior to starting operations, all of our sites conduct an Environmental Impact Assessment and Social Impact Assessment. These assessments are updated in case the sites undergo significant expansion programs. Public disclosure is a mandated part of the EIAs and SIAs.												
SUPPLIER SOCIAL ASSESSMENT														
GRI 103: Management Approach 2016		Vedanta's Supplier Code of Conduct (SCOC) serves at the guiding document for all our interactions with suppliers and vendors. It is mandatory for all our suppliers to abide by the Code. The SCOC covers aspects related to: Labour & human rights, Health, Safety, Environment & Sustainability, Ethics & business integrity, Intellectual property, and Prohibition on insider trading.												
GRI 414: Supplier Social Assessment	414-1: New suppliers that were screened using social criteria.	Vedanta Sustainability Report 2017-18: Page 73 (Supply Chain)												
PUBLIC POLICY														
GRI 103: Management Approach 2016		Vedanta's Code of Business Conduct and Ethics is the guiding document on our interactions with the government and political parties.												
GRI 415: Public Policy 2016	415-1: Political Contributions	Vedanta Sustainability Report 2017-18: Page 71 (Political Parties)												
ARTISANAL AND SMALL-SCALE MINING														
G4 – MM8	Number (and percentage) of company operating sites where artisanal and small-scale mining (ASM) takes place on, or adjacent to, the site; the associated risks and the actions taken to manage and mitigate these risks.	Nil												
G4 – MM9	Sites where resettlements took place, the number of households resettled in each, and how their livelihoods were affected in the process.	Nil												
MATERIAL ASPECT: CLOSURE PLANNING														
G4 – MM10	Number and percentage of operations with the closure plans.	As a part of statutory clearance all our mines operations have a closure plan.												
G4 – OG11	Numbers of sites that have been decommissioned and sites those are in the process of being decommissioned.	No site has been decommissioned or are in the process of decommissioning in the oil & gas business.												
PROCESS SAFETY														
G4 – OG13	Number of process safety events, by business activity.	There were total 7 incident of Tier 1 (3) and Tier 2 (4) process safety events reported in financial year <table border="1"> <thead> <tr> <th>Process Safety Tier</th> <th>FY 2017-18</th> <th>FY 2016-17</th> </tr> </thead> <tbody> <tr> <td>Tier 1</td> <td>1</td> <td>3</td> </tr> <tr> <td>Tier 2</td> <td>2</td> <td>4</td> </tr> <tr> <td>Total</td> <td>3</td> <td>7</td> </tr> </tbody> </table>	Process Safety Tier	FY 2017-18	FY 2016-17	Tier 1	1	3	Tier 2	2	4	Total	3	7
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