



ELEMENTAL

Vedanta Aluminium Business' Monthly Newsletter



Vedanta Aluminium launches High-Speed Billets for global extrusion industry

In a virtual event with hundreds of participants from extrusion and construction industry, we launched High-Speed Billets, a high-performance billet for the global extrusion industry manufactured with the highest engineering precision. Our High-Speed Billets can improve extrusion speed by at least 25%, or more, depending on the extrusion environment. With superior metallurgical properties, these billets demonstrate exceptional extrusion speed without compromising on the strength of the extruded profile, improve process recovery as well as die-life.



"Our holistic customer solutions are market-responsive and tailored to support customers at various stages of their current and evolving business journey. With our deep R&D capabilities and global expertise, we are keen to co-create leading-edge innovations with our customers. High-Speed Billets are our latest offering in a long line of expertly customized product solutions for various industry segments."

Rahul Sharma
Dy. CEO - Aluminium Business

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High-Speed Billets launched

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Bloomberg Markets: Business & Opportunities



Vedanta Aluminium
Ranks 4th
among aluminium
companies
globally on the
Dow Jones Sustainability Index!

Launch of Sustainable Development Report FY 2020-21



We unveiled our **Sustainable Development Report (SDR) for FY 2020-21** on Energy Conservation Day, in a campus connect program with the students, faculty and alumni of the TERI School of Advanced Studies (TERI SAS).

Titled **‘Nature, Nurture, Future’**, the Sustainable Development Report encapsulates Vedanta Aluminium Business’ performance across key sustainability parameters such as Energy and Climate Change Management, Water Management, Biodiversity Management, Air Quality and Emissions control, Health & Safety, Social Impact and Governance, etc. for FY 20-21.

<p>1.97 Million Metric Tonnes of aluminium produced, delivering approx. USD 4.19 billion of economic value</p> <p><small>To know more, read our Sustainable Development Report on our website.</small></p>	<p>93% of mined out area rehabilitated towards biodiversity management</p> <p><small>To know more, read our Sustainable Development Report on our website.</small></p>
<p>6.3 million m³ of water recycled for reuse in plant operations</p> <p><small>To know more, read our Sustainable Development Report on our website.</small></p>	<p>Improved lives of over 5 lakh people through community development projects</p> <p><small>To know more, read our Sustainable Development Report on our website.</small></p>

Read the full report on our website: www.vedantaaluminium.com

Vedanta incorporates ESG into DNA & unveils new identity: Transforming For Good

Vedanta is committed to making a positive difference to our planet, people and communities. We have incorporated our renewed focus towards ESG into our DNA, transitioning 'Vedanta – Transforming Elements' into 'Vedanta – Transforming For Good'. The fresh tagline encapsulates our endeavors towards a positive and restorative impact for the future of people, planet, and workplace.

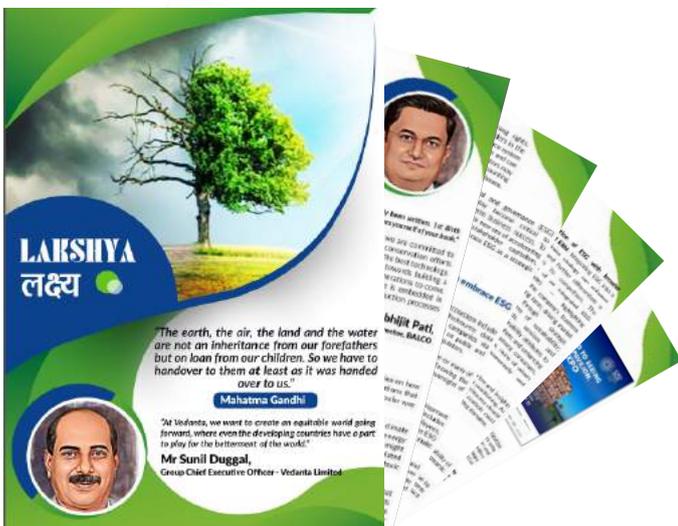


Vedanta Aluminium continues to be India's top renewable energy buyer

We continue to be India's leading renewable energy (RE) buyer from power exchanges. We have purchased 1600+ Million Units of RE until Nov'21 in this fiscal. BALCO dominated the latest Renewable Energy Certificates trading session at Indian Energy Exchange and Power Exchange India Ltd. procuring 59% of the total traded REC certificates.

Vedanta Jharsuguda observes World Energy Conservation Week

Vedanta Jharsuguda observed National Energy Conservation Week with awareness campaigns, competitions, webinars, and training sessions across the plant and in the community, including a campaign to encourage carpooling among its employees. The programs sensitized our employees, business partners, school children and the community at large about efficient energy management practices.



BALCO launches quarterly ESG magazine 'Lakshya'

BALCO has launched 'Lakshya', a quarterly magazine on the theme of Environmental, Social and Governance (ESG) to sensitize employees and business partners on global ESG best practices and benchmarks. The magazine is aimed at becoming the go-to channel for our people to keep track of national and international ESG trends and occurrences.

World Diabetes Day observed at Vedanta Jharsuguda

Vedanta Jharsuguda observed World Diabetes Day on 14th November 2021, at its township with an awareness session and a mini-marathon. Mr. Deepak Prasad, Dy. CEO – Vedanta Jharsuguda, and Dr. Sabita Swain, Head-Occupational Health, addressed the gathering to sensitize our employees and their families on the diabetes epidemic, importance of physical and mental fitness, healthy nutrition, etc and also flagged off the Mini Marathon'21. The marathon saw huge participation across all age groups.



BALCO dispatches its first fly ash rake to a prominent cement plant

Under our waste-to-wealth drive, BALCO has been supplying fly ash to cement industries in the vicinity. Recently they dispatched their first CFA Rake to a prominent cement plant in India, a significant step towards environmental sustainability by creating avenues of circular economy.

Safety stand-downs at Vedanta Lanjigarh

Vedanta Lanjigarh conducted Safety Stand-Down Awareness Sessions in its operations, led by Mr. GG Pal, Dy. CEO - Alumina Business. Mr. Pal and senior leadership of the Alumina Business interacted with employees and business partners, reiterating the need of following safety norms at the workplace to ensure the safety of themselves and their colleagues.



BALCO conducts 'Suraksha Sankalp' on vehicle and traffic safety

With the objective of developing a strong safety culture, BALCO conducts 'Suraksha Sankalp' program every month. The recent workshop was themed on 'Vehicle and Traffic Safety' and was attended by more than 1200 employees and business partners, where Mr. Pankaj Sharma, Deputy CEO - BALCO addressed the event.

Power Business Intelligence (BI) dashboard introduced for capex projects at Jharsuguda

Team Jharsuguda has developed an in-house Power BI dashboard to track the status of all the ongoing capex projects. The dashboard shows the capex analytics for each business and sub-business units for a given duration. Further, it gives the leadership insights into the progress of projects to help implement timely decisions with the analysis.



IoT-based predictive analysis introduced for critical equipments

Our team at Jharsuguda is working on a project to continuously monitor the vibration of critical equipment, in order to improve reliability using IoT-based predictive analysis (vibration, temperature & noise) with Artificial Intelligence (AI). Sensors have been deployed in critical equipment to give real-time data for better equipment health prediction.

Real-time safety adherence & violation detection: A pilot project with Detect Technologies

Detect Technologies, one of India's top start-ups is currently piloting its real-time safety adherence & violation detection system at our operations. They are a leader in the field of Non-Destructive Testing and Visual Analytics with indigenously research and designed product suite, providing intelligent and efficient solutions to improve safety and productivity.



Remote Monitoring of Fire Pump House Parameters

Team Jharsuguda has upgraded the Programmable Logic Controller in the firefighting pump house at its Power Plants and installed new SCADA system at the Central Control Room to control and monitor it remotely. Besides enabling remote monitoring of fire pump parameters, it also allows the fire pump to be operated from the control room.

Minister of Women & Child Development, Odisha, visits Nand Ghar project at Jharsuguda

We had the pleasure of hosting Smt. Tukuni Sahu, Hon'ble Minister of Women & Child Development, Government of Odisha, at our upcoming Nand Ghars at Jharsuguda, along with Alomani Sethy (Project Director - Resettlement & Rehabilitation), Mehrunisha Begum (District Social Welfare Officer), Helen Khes (Child Development Welfare Officer, Kolabira) and Sarojini Ekka (Child Development Welfare Officer, Jharsuguda Urban). The Minister was elated to see our e-learning model and praised our endeavours to step up skills training, healthcare and nutrition for rural women and children.



Vedanta Lanjigarh conducts blood donation camp for District Hospital

Led by Mr. GG Pal, Dy. CEO – Alumina Business, Vedanta Lanjigarh conducted a voluntary blood donation camp to aid the District Hospital. The camp was held in collaboration with the Odisha Blood Centre, Bhawanipatna. Over 120 units of blood were donated by employees and associate partners.

CEO's Community Connect at Maa Samaleswari Nagar, Jharsuguda

Mr. Deepak Prasad, Dy. CEO, Vedanta Ltd., Jharsuguda interacted with the local community on his visit to Maa Samaleswari Nagar. He distributed basic necessities, blankets and winter clothes to the residents and the took the opportunity to express his gratitude to the community for their constant support to our organization. He was accompanied by our employee volunteers in this endeavor.



BALCO flags off HIV Awareness Campaign on World AIDS Day

With the objective to address myth and misinformation regarding HIV/AIDS and to educate people regarding the same, BALCO has initiated a week long awareness campaign in the presence of Mr. BB Borde, CMHO, Korba. The campaign covered 30 villages and urban communities in Korba.

Vedanta Jharsuguda observes World AIDS Day with a weeklong awareness campaign

Vedanta Jharsuguda observed World AIDS Day by organizing various awareness programs in the plant premises and the community, in line with the theme ‘End inequalities, End AIDS, End the Pandemic’. Our team collaborated with Wockhardt Foundation and Odisha State AIDS Control Society (OSACS) to spread awareness on the life-threatening disease. This initiative reached out to more than 8000 people across the plant and community.



Vedanta Lanjigarh organizes Cataract Camp for locals

We organized a Cataract Camp at the Vedanta Hospital in Lanjigarh for local residents. The camp was flagged off by Mr. GG Pal, Dy. CEO - Alumina Business along with Smt. Mani Majhi, Sarpanch, Lanjigarh. Around 40 beneficiaries from Muniguda and Lanjigarh blocks were identified by the Mobile Health Unit, Lanjigarh and sent to Mahanadi Netra Chikitsalaya, Sonapur for cataract surgery.

BALCO enhances farmers’ household income through ‘Mor Jal Mor Maati’ project

BALCO is supporting regional farmers under its ‘Mor Jal Mor Maati’ project to grow more profitable, such as black rice, through sustainable farming practices like organic farming. We are also facilitating the sales of their produce to the state of Tamil Nadu by Korba Krushak Unnayan Production Company Limited (KKUPCL). The initiative is contributing towards enhanced livelihood of farmers living in the vicinity.



Vedanta Lanjigarh strengthens its employee volunteerism initiative

Vedanta Lanjigarh relaunched its employee volunteerism initiative after COVID-induced hiatus with awareness sessions on menstrual hygiene in various schools in Lanjigarh. Our employees aim to reach out to 1000 young girls from various schools over the next few months, busting myths & taboos on menstruation.



Vedanta Football League 2021 underway at Jharsuguda

We kickstarted our sporting season with the Vedanta Football League (VFL) 2021. Mr. Deepak Prasad and Mr. Dilip Ranjan Sahoo, CHRO - Vedanta Aluminium, inaugurated the sporting fiesta and extended their best wishes to all participating teams. VFL will see 11 teams of employees from various departments and SBUs.



BALCO organizes 'Green Growth & Diversity' workshop

BALCO recently organized a workshop for its women leaders, with the objective to upskill and groom them into future CXOs. The enterprising women shared their disruptive and innovative ideas on stepping up BALCO's contribution to nation-building, in line with the company's vision of 'green' and sustainable growth.

Family get-together at Vedanta Lanjigarh

Over 70 employees and their family members attended a family get-together organized at Vedanta Lanjigarh township premises. The leadership team addressed the gathering and shared their thoughts on importance of familial support in the success of an employee. The event culminated with cultural programs, game sessions and dinner.



Chess tournament at BALCO

BALCO held a three-day long chess tournament at the Millennial Club to spark the strategy genius in our employees. Numerous employees participated with tremendous enthusiasm and spirit. Shadab Hussain, from our smelter operations team, emerged as the tournament champion, and was awarded a plaque of honor by Subhadeep Khan, CHRO - BALCO.

Jagamohan Sahoo & Shaktimanjaree Sabat

For wife and husband duo Jagamohan and Shaktimanjaree, Vedanta has been a second home. Both of them are working at our largest aluminium smelter plant at Jharsuguda, Odisha. Family-friendly policies such as spouse hiring, childcare facilities, maternity & paternity leaves, family accommodation at township, etc. have enabled many couples to work together and shape their careers.

"There is no doubt that Vedanta has played a pivotal role in my professional journey, but it has played an equally important role in my personal journey. I am lucky to have my wife work with me at this world-class plant, thanks to Vedanta's spouse hiring policy. Our little family is now part of the vibrant community at Vedanta Meadows, our aluminium township at Jharsuguda."

Jagamohan Sahoo (CSR Dept.)



Sandhyadeep Jena & Piyus Sahu

"Vedanta has given me a decade of growth, respect and love. I am fortunate to be working with my husband here, surrounded by an awesome community of people, and with a deep sense of purpose, knowing that our work contributes towards nation-building."

Sandhyadeep Jena (PR & Corp. Comm.)

Exemplifying our core value of 'care', we strive to nurture an ecosystem of best practices that support our employees throughout their life-stages. For example, Vedanta had extended the maternity leave for women employees to 6 months, even before the statute was passed.

The number of women in manufacturing and heavy engineering segment has traditionally been less, owing to factors such as regressive social norms, factories being located in remote regions, etc. Our family-friendly policies go a long way towards ensuring a healthy inclusivity and diversity quotient at our operations - a win-win for the organization and our people!

Vedanta Jharsuguda wins FICCI CSR Award for Subhalaxmi Project



Vedanta Lanjigarh wins 'Bronze' at The Economic Times Human Capital Awards 2021



Double victory for Vedanta Jharsuguda at the Apex India Awards



Vedanta Jharsuguda bags 10 awards at the 46th International Convention on Quality Control Circles



Vedanta Lanjigarh wins the 'Think CSR innovation Award 2021'



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BLOOMBERG

MARKET CHECK
Intraday

ALUMINIUM FUT JAN22 AAP2	19,290	▼ 140	0.72%
PRIMARY ALUMINIUM (LONDON) LMAHSD03	2,697.00	▼ 20.50	0.75%
COPPER (LME) LMCADS03	9,733.00	▼ 68.50	0.70%
ZINC FUT (SHFE) ZNAF2	23,570	▼ 195	0.82%

ON THE PHONE
New Delhi

Rahul Sharma
Vedanta Aluminium Business CEO

Exclusive **VEDANTA ALUMINIUM PRODUCES MORE THAN HALF OF INDIA'S TOTAL ALUMINIUM PRODUCTION**

Vedanta Ltd Aluminium Business CEO Rahul Sharma on Business Outlook

Bloomberg Markets - TV Shows
November 26th, 2021, 9:50 AM GMT+0530

Vedanta Ltd Aluminium Business CEO Rahul Sharma discusses the company's growth and investment plans. Vedanta Aluminium is India's largest producer of aluminium. The produces more than half of the country's total aluminium production. Sharma speaks exclusively to David Ingles on 'Bloomberg Markets Asia'.

AUTOCAR PROFESSIONAL

India Auto Inc urges OEM collaboration for improved lightweighting

By Shekhar Ashok | 20 Nov 2021

Although small volumes production (from niche segments) are a new trend in the automotive industry, mass volume products continue to see sustained demand for vehicle lightweighting reveals Dr N Saravanan, Chief Technology Officer, Ashok Leyland.

Saravanan, while speaking during Day 3 of autocar professional's webinar on 'New Gen Materials for Lightweighting' said, 'focus to collaborate more for lightweighting initiatives. There's a gap in skill level in simulation & material understanding with respect to lightweighting. We need a holistic approach to reduce emission across the manufacturing cycle.'

MINT



PREMIUM
Metal firms depend on captive power production to meet their energy needs. bloomberg

2 min read · Updated: 09 Dec 2021, 12:16 AM IST

Subhash Narayan, Utpal Bhaskar

JSW, Vedanta and SAIL are working to reduce their carbon footprint



NEW DELHI : Indian steel and aluminium makers such as JSW Group, Arcelor Mittal, Vedanta and public sector SAIL are working to reduce their carbon footprint through measures such as moving away from coal and requisitioning more green power, said three people aware of the changing strategy.

This follows the European Union coming up with the world's first carbon tax.

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BUSINESS STANDARD

Vedanta Aluminium invites partners for Aluminium Park at Odisha



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Kundam Gold Refinery bags 'Leading Bullion Refiner' Title at IOC 2021 for 5th time in a row

BALCO's Power Plants win CII ENCON Awards 2021

AICTechBiz, world's 1st online marketplace for the aluminium industry, launched on Nov '20, already onboarded 250+ global sellers

Vedanta Aluminium becomes India's largest green power purchaser

Pragun Jindal Khaitan, Vice Chairman and Managing Director, Jindal Aluminium Limited bags the McKinsey Next Gen Leader 2021 Award

New Delhi [India], December 7 (ANI, NewsVoir): Vedanta Aluminium Business, India's largest producer of aluminium and its value-added products, extends invitation to aluminium producers at the Enterprise Odisha 2021 event for partnering in its Aluminium Park project which will come up at Jharsuguda, Odisha.

With an aspiration to 'Make in India for the world', Vedanta Aluminium has partnered with Odisha Industrial Infrastructure Development Corporation (IDCO) to set up the Vedanta Aluminium Park, near its aluminium smelter in Jharsuguda. Vedanta Jharsuguda is one of the world's largest aluminium smelters, equipped with global best technologies for producing high-quality aluminium products. An Aluminium Park is a facility in the vicinity of

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