

Vedanta Inducts Cutting-Edge EVs & Radar at Bicholim Mines to Boosts Safety & Sustainability

Vedanta Sesa Goa - Iron Ore Goa (IOG) recently inducted cutting -edge EV tech-based wheel loaders and a state-of-the art Slope Stability Radar at its Bicholim Mines. The induction of the new generation equipment ushers in 'green' mining practices at the Bicholim Mines and sets industry benchmarks for safety standards pertaining to the Occupational Safety & Health in the mining industry.

In a bid to revolutionize safety measures, IOG has installed its first Slope Stability Radar (SSR) at the Bicholim Mines. This state-of-the-art radar will act as a force multiplier in enhancing the safety readiness and preparedness at the Bicholim mines. The radar is extremely effective due to its continuous scanning of the pit and dump slopes. By providing early alerts against potential incidents, the SSR reinforces safety measures at the mines enhances safety standards, enabling remote monitoring and reducing risks associated with unstable slopes.

Furthermore, IOG has integrated industry-leading best practices by inducting the EV wheel loaders. These eco-friendly wheel loaders promote sustainable mining operations & are expected to save over 2,30,000 litres of fuel annually and reduce emissions by approximately 200 tons of CO₂ per wheel loader. The wheel loaders inducted are part of the initial batch & additional wheel loaders will be inducted at the Bicholim mines in the coming months.

Navin Jaju, CEO, Sesa Goa said that "The emphasis on safety of our workforce and the sustainability of our mining operations is at the core of our philosophy. The Slope Stability Radar is going to ensure that we meet the ends of Occupational Safety & Health in an exemplary mine. The EV wheel loaders will contribute to very significant environmental benefits & ensure reduction of CO₂ emissions & ensure the sustainability of operations while addressing the environmental needs. We at Vedanta, are proud of having introduced the state-of-the-art equipment & to have set industry leading benchmarks."

"The integration of innovative technologies at Bicholim Mines reflects IOG's steadfast commitment to sustainability and safety. By embracing these advancements, we not only enhance operational efficiency but also minimize our environmental footprint and prioritize the well-being of our workforce." **said Dhirajkumar Jagdish, Dy. CEO IOG.**

Sesa Goa is committed to ushering in 'green' mining practices and measures have been taken to induct new generation Volvo trucks, adopt renewable energy measures and to sustainably manage dumps and pits.

Additionally a solar power project is also planned for commissioning at the Bicholim Mines, which will further reduce the carbon footprint of mining operations. The solar panel set-up would produce around 270 KW of power.

Sesa Goa's initiatives extend beyond merely complying with regulations and instead are embedded in Vedanta's emphasis on 'people, planet & prosperity'. Bicholim mines will be a trend-setter for adoption of modern, 'green' & sustainable mining practices.

About Vedanta Limited

Vedanta Limited, a subsidiary of Vedanta Resources Limited, is one of the world's leading Oil & Gas and Metals company with significant operations in Oil & Gas, Zinc, Lead, Silver, Copper, Iron Ore, Steel, and Aluminium & Power across India, South Africa and Namibia. For two decades, Vedanta has been contributing significantly to nation building. Governance and sustainable development are at the core of Vedanta's strategy, with a strong focus on health, safety, and environment. Vedanta has put in place a comprehensive framework to be the ESG leader in the natural resources sector. Vedanta is committed to reducing carbon emissions to zero by 2050 or sooner and has pledged \$5 billion over the next 10 years to accelerate the transition to net zero operations. Giving back is in the DNA of Vedanta, which is focused on enhancing the lives of local communities. The company's flagship social impact program, Nand Ghars, have been set up as model anganwadis focused on eradicating child malnutrition, providing education, healthcare, and empowering women with skill development. Under the aegis of the Anil Agarwal Foundation, the umbrella entity for Vedanta's social initiatives, the Vedanta group has pledged Rs 5000 crore over the next five years on social impact programmes with a thrust on nutrition, women & child development, healthcare, animal welfare, and grass-root level sports. Vedanta and the group companies company have been featured in Dow Jones Sustainability Index 2020, and was conferred Frost & Sullivan Sustainability Awards 2020, CII Environmental Best Practices Award 2020, CSR Health Impact Award 2020, CII National Award 2020 for Excellence in Water Management, CII Digital Transformation Award 2020, ICSI National Award 2020 for excellence in Corporate Governance, People First HR Excellence Award 2020, 'Company with Great Managers 2020' by People Business and certified as a Great Place to Work 2021. Vedanta's flagship Nand Ghar Project was identified as best CSR project by Government of Rajasthan. Vedanta Limited is listed on the Bombay Stock Exchange and the National Stock Exchange. For more information, please visit www.vedantalimited.com

About Vedanta Sesa Goa

Vedanta Sesa Goa is engaged in exploration, mining, and processing of iron ore. The company was founded in 1954 as Scambi Economici SA Goa and acquired by Vedanta. Since then, it has grown to be one among the top low-cost producers of iron ore in the country. During 1991-1995, it diversified into the manufacture of pig iron and metallurgical coke. It has also developed indigenous and environment-friendly technology for producing high quality metallurgical coke. Sesa Goa Iron Ore also has a 60 MW power plant that produces clean power by using the waste heat recovery from its coke ovens and blast furnace gas. Sesa Goa Iron Ore operations in India are in Goa & Karnataka.

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