

## Press Note

### **Vedanta's Sesa Goa Iron Ore Business pledges to become carbon neutral by 2050**

- *Vedanta Sesa Goa Iron Ore Business has devised a comprehensive plan to achieve carbon net neutrality in a phased manner by 2050. For the first phase, the company has identified multiple projects to reduce greenhouse gas emissions upto 25% by 2030.*
- *Vedanta's Sesa Goa Iron Ore Business has already implemented several operational excellence projects aimed at the reduction of carbon emission, such as pulverized coal injection (PCI), waste heat recovery power plants, development of green belts and refurbishment of blast furnaces.*

**Goa, 26 November, 2021:** Vedanta Sesa Goa Iron Ore, a frontrunner in using cutting edge technology for sustainable mining, coke making & pig iron production, is steadily marching on the path to achieve carbon net neutrality by 2050. The company has devised a comprehensive plan to achieve this goal, in line with India's larger vision of net zero carbon economy. Vedanta's Sesa Goa Iron Ore Business has implemented several operational excellence projects to reduce GHG emissions, such as pulverized coal injection (PCI), waste heat recovery power plants, massive plantation drives in nearby communities, development of green belts within operation sites, refurbishment of blast furnaces etc.

Vedanta Sesa Goa Iron Ore business plans to achieve carbon net neutrality in a phased manner with a target to further reduce greenhouse gas emissions upto 25% by 2030. The company aims to install solar power plants up to 10MW and upgrade turbines in waste heat recovery power plants by May 2022 to increase clean power generation by 5MW. The company is also mulling a carbon capture utilization and storage unit of 10 tonnes per day to make carbon products. Additionally, Vedanta Sesa Goa Iron Ore Business is planning to enhance pulverized coal injection by up to 150 Kg per ton of hot metal to reduce emissions from coke, install a sinter plant waste heat recovery system and top recovery turbine, besides undertaking coke dry quenching in near future.

In its quest to become a net-zero organisation, Vedanta Sesa Goa Iron Ore Business has been producing 60 MW green power through two waste heat recovery power plants at Value-Added Business (VAB) in Goa. The company is upgrading and refurbishing blast furnaces to reduce specific energy and fuel consumption. Furthermore, it is using pulverized coal injection (PCI) to eliminate GHG emissions from coal to coke conversion process.

**Mr. Sauvick Mazumdar, CEO, Vedanta Iron and Steel Sector** reaffirmed the company's commitment towards maintaining the highest standards of ESG, and said *“Vedanta Iron & Steel sector is fully committed towards achieving the goal of being a carbon net neutral business by 2050 or earlier, with the collective efforts of our entire value chain. In line with India's larger vision of a Net-Zero carbon economy, we at Vedanta's Iron & Steel Sector are strictly ensuring adoption of highest standards of ESG through process improvements and technology-based innovations.”*

Vedanta Sesa Goa Iron Ore Business had proactively introduced numerous sustainability initiatives in the past such as systematic reclamation of Sanquelim Iron Ore Mine, development of green belts within operational sites, community plantation drives in the periphery of all operational areas, adoption of innovative 'Miyawaki' plantation techniques etc.

### **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 a 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 this transition. 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, along with the group companies, has 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](http://www.vedantalimited.com)

### **About Sesa Goa Iron Ore Business**

Sesa Goa Iron Ore Business of Vedanta Limited 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 two waste heat recovery power plants of total capacity 60 MW 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.

**For further information please contact:**

Prasad Ajgaonkar

Associate Manager – Corporate Communication

Tel: +91 7798882898

Email: [Prasad.Ajgaonkar@vedanta.co.in](mailto:Prasad.Ajgaonkar@vedanta.co.in)