

Vedanta Aluminium

India's largest producer of aluminium



aluminium

Metal of the Future

Aluminium - A strategic metal and the second most important metal in the world today.

Our aluminium is used in critical sectors like space exploration, aerospace, building & construction, defence, transportation, electricity distribution, packaging etc. and fuels innovation in sunrise sectors such as electric vehicles, renewable energy, smart infrastructure, high-tech manufacturing and more.

We have embarked on a mission to catalyze the growth of novel applications of aluminium, paving the way for a greener and more sustainable tomorrow.

About Vedanta Aluminium Business:

- Vedanta Limited is one of the world's foremost natural resources companies
- Vedanta Aluminium Business is India's largest producer of aluminium
- We produced **2.42 million tonnes in FY25**, more than **50%** of India's aluminium



OUR ASSETS

Aluminium Smelter Jharsuguda (Odisha)

- The world's largest aluminium plant
- State-of-the-art **1.85 MTPA** smelter with **3615 MW** thermal power generation facility
- Only Indian smelter in the global '**1 Million Tonne**' club
- Aluminium Stewardship Initiative (ASI) certified for demonstrating sustainable operations

Bharat Aluminium Company (BALCO), Korba (Chhattisgarh)

- Iconic **0.58 MTPA** aluminium smelter, with associated **1740 MW** of power generation facility
- Owned **51%** by Vedanta Limited and **49%** by the Government of India
- Clocked **unprecedented growth** from 100 KTPA in FY01 to 580 KTPA in FY24
- Aluminium Stewardship Initiative (ASI) certified for demonstrating sustainable operations

Alumina Refinery Lanjigarh (Kalahandi district, Odisha)

- A world-class **3.5 MTPA** alumina refinery with **140 MW** co-generation power plant
- **Expanding** production capacity to **6MTPA**
- Brought one of the most impoverished regions into the socio-economic mainstream
- Produced **1.8 million tonnes** of metallurgical grade alumina in FY24

Products & Applications

- We manufacture one of the largest ranges of aluminium products: Billets, Ingots, Wire Rods, Primary Foundry Alloy, Rolled Products, Slab and more
- India's first aluminium producer to launch low carbon 'green' aluminium, branded **Réstorá**
- Serving discerning customers in over **60 countries**
- First in the Indian aluminium industry to secure BIS (Bureau of Indian Standards) certifications for aluminium products

Sustainability

- **Ranked 2nd** in the **S&P Global Corporate Sustainability Assessment (CSA) 2024**, for the aluminium industry
- Utilised **1.24 billion units** of renewable energy, equivalent to approximately 141 MW generated from a thermal power plant
- Reduced greenhouse gas intensity by **29% in FY24**, from 2012 baseline with threefold production growth
- Conserved approximately **1.29 million gigajoules** of energy through effective energy efficiency initiatives

Social Impact

- Generated 8 lakh employment opportunities in the past decade alone
- Fostered over 4000 MSMEs across our value-chain in India
- Increased community investments by over **67% in FY24** against FY21, positively impacting over **9.6 lakh** women and children
- Diversified employee hiring to include transgender and differently-abled professionals in core operations



Global Certifications & Recognitions

Restora[®]

RestoraULTRA[®]

- India's 1st manufacturer to produce Low-carbon Aluminium (LCA)
- Restora: LCA made using Renewable Energy
- RestoraUltra: Recovered aluminium through partnership with Runaya Refining
- Certified as Low-carbon aluminium by Third Party Auditor



- 2 smelters (SEZ, JSG & BALCO) certified by ASI on Performance Standards covering all products including Restora & Restora Ultra
- ASI Chain of Custody certification for Vedanta Aluminium, Jharsuguda

S&P Global

- 2nd rank in the S&P Global Corporate Sustainability Assessment (CSA) 2024 for the aluminium industry



- 1st primary aluminium producer in India to be certified by Bureau of Indian Standards for primary ingots, alloy ingots, cast bars, wire rods, rolled products



- Member of the International Aluminium Institute (IAI)



- 1st Aluminium smelter in India to be certified with International Automotive Task Force (IATF) 16949:2016 certification
- Led the way as India's first smelter to introduce Primary Foundry Alloy (PFA), reducing the nations's heavy reliance on exports