

Jindal Aluminium reduces CBAM tax by 40% through timely reporting



Case Study



Client Overview

Jindal Aluminium Limited, a leading aluminium manufacturer based in India, is one of the largest producers of aluminium extruded products in the country. With a strong presence in the aluminium sector, Jindal exports to various global markets, including the European Union. The EU's Carbon Border Adjustment Mechanism (CBAM), introduced to impose carbon costs on imports, posed new compliance challenges for exporters like Jindal in mandated sectors such as aluminium.

Non-compliance risked delays, fines, and loss of market competitiveness. Jindal partnered with CleanCarbon.ai, a trusted CBAM compliance provider, to navigate these regulations efficiently.

Business Challenges



- **Jindal Aluminium faced complex CBAM requirements, including:**
 - Accurate emissions reporting for Scope 1, 2, and 3 across their supply chain
- **Challenges with manual reporting included:**
 - Time-consuming processes
 - Prone to errors
 - High costs
 - Diversion of resources from core business operations
- **The company needed:**
 - EU-compliant reports in XML and Excel formats
 - Real-time visibility into their emissions profile
 - Audit-ready documentation to avoid penalties
 - Maintenance of their reputation in climate-focused markets
- **Additional critical requirements:**
 - GDPR-compliant data handling
 - Third-party validated reports for credibility with EU regulators



Solutions Provided by CleanCarbon.ai

CleanCarbon.ai provided Jindal Aluminium with a comprehensive, end-to-end CBAM compliance solution tailored to the aluminium sector. Key components included:

- **Expert CBAM Consulting:** CleanCarbon.ai's specialists conducted a thorough assessment of Jindal's supply chain emissions, identifying key reporting requirements.
- **End-to-End Automation:** ERP-integrated tools automated emissions tracking, reducing manual effort and ensuring accuracy.
- **EU-Ready Reporting:** CleanCarbon.ai generated compliant XML and Excel reports, validated by CBAM specialists to meet EU standards.
- **Real-Time Compliance Insights:** Custom dashboards provided Jindal with instant visibility into their emissions profile, enabling proactive decision-making.
- **Audit Readiness:** On-field support ensured Jindal was prepared for EU audits, with robust GDPR-compliant data protection measures in place.

Implementation



CleanCarbon.ai deployed its solution in three phases over four months. First, they integrated their automated emissions tracking tools with Jindal's existing ERP systems, mapping Scope 1, 2, and 3 emissions. Next, they trained Jindal's team on using real-time dashboards for monitoring compliance. Finally, CleanCarbon.ai produced and validated initial CBAM reports, which were submitted to EU authorities. Regular consultations ensured alignment with evolving regulations, and field support prepared Jindal for audits.

Result

- **Cost Reduction:** Jindal reduced CBAM reporting costs by 40% through automation and streamlined processes.
- **Timely Compliance:** Achieved 100% on-time submission of EU-compliant reports, avoiding penalties and shipment delays.
- **Enhanced Market Position:** Strengthened Jindal's reputation in climate-focused EU markets, boosting buyer confidence.
- **Operational Efficiency:** Freed up internal resources by automating emissions tracking, allowing focus on core business activities.
- **Audit Success:** Passed EU audits with zero discrepancies, thanks to validated reports and field support.



Client Testimonial

“CBAM came as a completely new sustainability regulation for us. But CleanCarbon CEO Mr Nilesh Bhattad explained everything about CBAM and how it could impact our businesses. He demonstrated how CBAM compliance can actually benefit the organisation in carbon tax saving and system optimisation.”



Ravi Kumar

Group Head Safety and
Environment

Conclusion

By partnering with CleanCarbon.ai, Jindal Aluminium transformed CBAM compliance from a challenge into a competitive advantage. CleanCarbon.ai's automated, expert-driven solutions ensured cost savings, regulatory compliance, and market credibility. For exporters seeking a smarter way to handle CBAM, CleanCarbon.ai offers a proven, affordable, and EU-ready solution.



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