

Grik Metal India's timely **CBAM** Compliance Saves 35% on Carbon Tax



Case Study



Client Overview

Grik Metal India Pvt. Ltd., based in India, is a leading manufacturer of precision-engineered metal components, specializing in materials like stainless steel, brass, aluminum, and copper alloys. Serving Original Equipment Manufacturers (OEMs) across industries such as automotive, electronics, oil & gas, and medical equipment, Grik Metal is renowned for its state-of-the-art CNC machinery, adherence to international quality standards, and 18+ years of expertise. With exports to the European Union,

Grik Metal faced the challenge of complying with the EU's Carbon Border Adjustment Mechanism (CBAM), which requires detailed emissions reporting for metals like steel and aluminum. Partnering with Cleancarbon.ai, Grik Metal sought to streamline compliance while maintaining its focus on delivering high-quality products.

Business Challenges



- CBAM regulations require Grik Metal to report Scope 1, 2, and 3 emissions across its supply chain for aluminum and steel components exported to the EU.
- Manual emissions tracking was labor-intensive and error-prone, distracting from primary manufacturing activities.
- Non-compliance risks include fines, shipment delays, and damage to Grik Metal's reputation among EU clients who prioritize sustainability.
- Grik Metal needed a solution to ensure:
 - EU-compliant reporting
 - Real-time emissions visibility
 - Audit readiness
- Compliance with GDPR standards for data protection



Solutions Provided by Cleancarbon.ai

Cleancarbon.ai delivered a customized CBAM compliance solution specifically for Grik Metal in the metals manufacturing industry. The key features included:

- **Expert CBAM Consulting:** Cleancarbon.ai's specialists analyzed Grik Metal's supply chain to map emissions for CBAM-mandated materials like aluminum and steel.
- **End-to-End Automation:** ERP-integrated tools automated emissions data collection, reducing manual effort and ensuring accuracy.
- **EU-Ready Reporting:** Generated compliant XML and Excel reports, validated by CBAM experts to meet EU regulatory standards.
- **Real-Time Compliance Insights:** Provided dashboards for instant visibility into emissions profiles, enabling proactive compliance management.
- **Audit Readiness:** Offered on-field support to prepare Grik Metal for EU audits, with GDPR-compliant data handling for regulatory trust.

Implementation



Cleancarbon.ai implemented the solution over three months. Phase one involved integrating automated emissions tracking tools with Grik Metal's ERP systems, focusing on aluminum and steel production processes. In phase two, Cleancarbon.ai trained Grik Metal's team to use real-time compliance dashboards, ensuring seamless monitoring. In phase three, validated CBAM reports were produced and submitted to EU authorities. Ongoing consultations and field support ensured alignment with CBAM requirements and audit preparedness

Result

- **Cost Efficiency:** Reduced CBAM reporting expenses by 35% through process automation, enabling reallocation of resources to core manufacturing activities.
- **Regulatory Compliance:** Ensured 100% on-time submission of EU-compliant reports, thereby avoiding penalties and operational delays.
- **Market Credibility:** Enhanced Grik Metal's standing in EU climate-conscious markets, reinforcing trust among clients and stakeholders.
- **Operational Excellence:** Leveraged automation to maintain focus on precision manufacturing, in alignment with the company's commitment to quality.
- **Audit Readiness:** Successfully cleared EU audits without discrepancies, supported by validated reporting and robust data protection measures.



Client Testimonial

“By automating our CBAM reporting and streamlining emissions tracking, we not only cut compliance costs by 35% but also avoided hefty carbon taxes—delivering direct savings and ensuring smooth access to EU markets.”



Grik Metal Pvt. Ltd.

Conclusion

With Cleancarbon.ai's support, Grik Metal India transformed CBAM compliance into a strategic advantage, maintaining its reputation for precision and reliability in the EU market. Cleancarbon.ai's automated, expert-driven solutions delivered cost savings, regulatory compliance, and operational efficiency. For exporters navigating CBAM, Cleancarbon.ai offers a proven, affordable path to compliance. Visit [Cleancarbon.ai](https://cleancarbon.ai) to book a consultation and streamline your CBAM journey.



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