

# Vividh Wires' CBAM Compliance & Carbon Tax Mitigation

Case Study

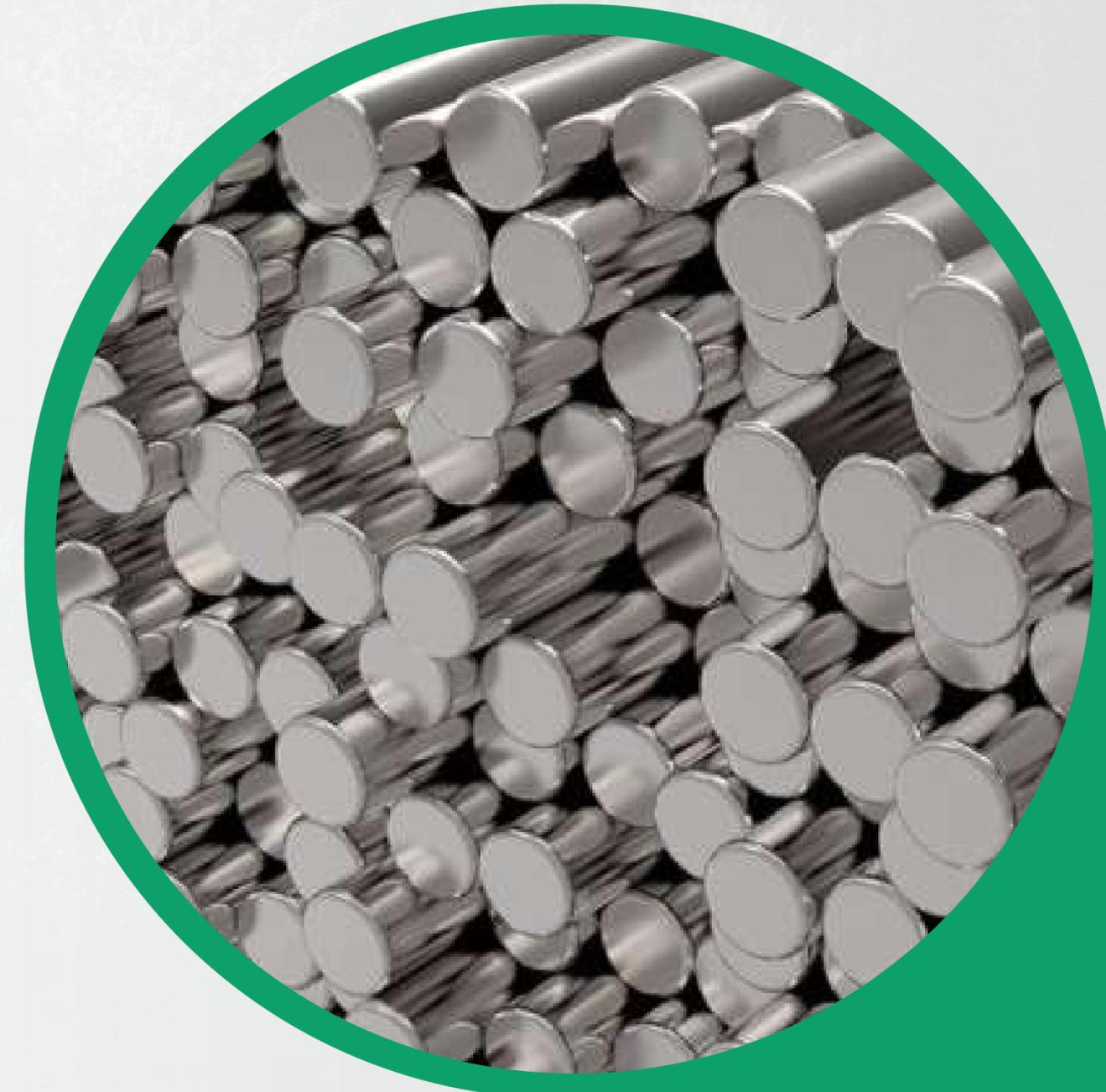


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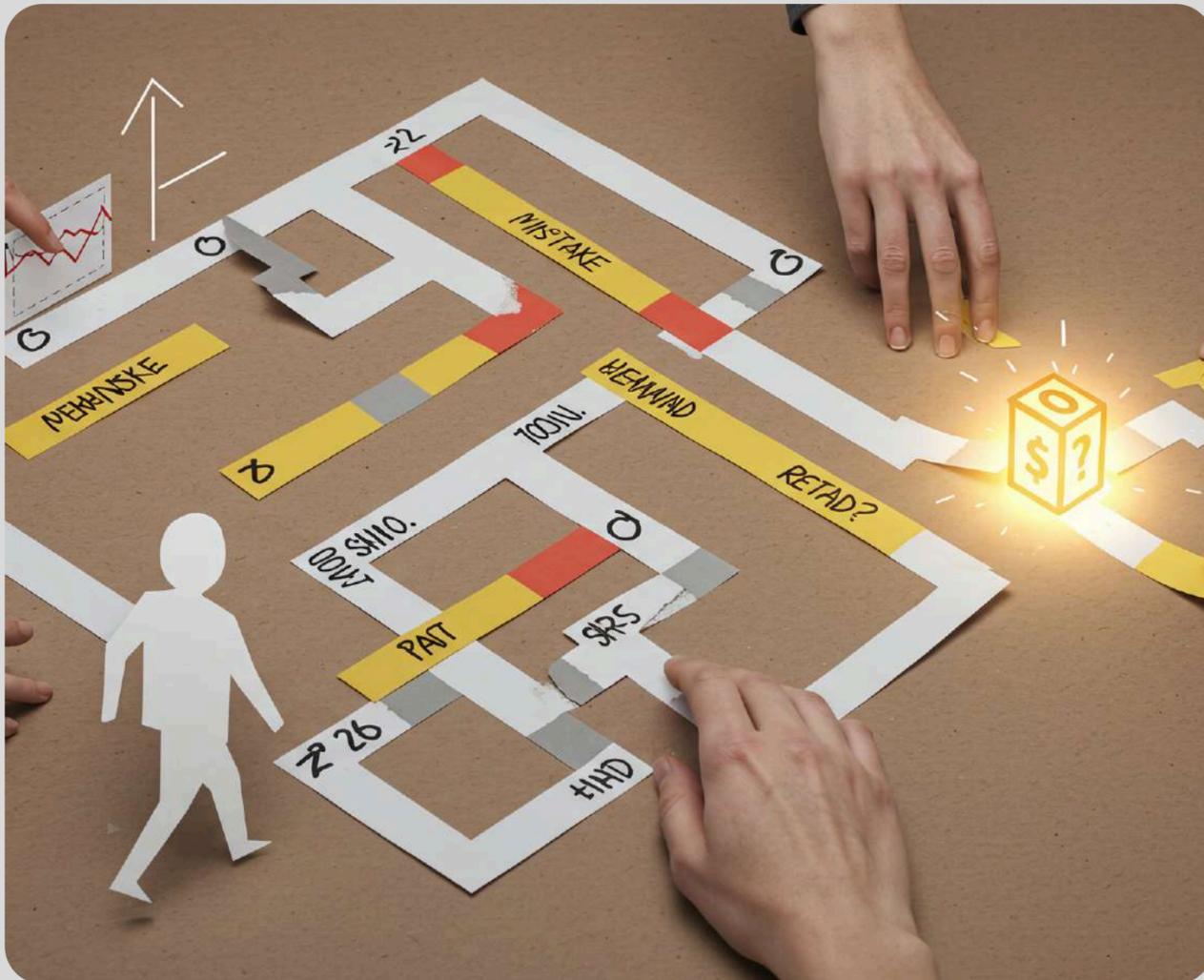


# Client Overview

Vividh Wires, a leading Indian manufacturer of stainless steel products, specialises in high-quality wires, MIG/TIG wires, bright bars, and shaped/profile wires in AISI 200, 300, and 400 series grades. With finishes ranging from soft annealed to full hard (bright and matte), and packaging options like spools up to 15 kg and tubes of 2-5 kg, Vividh Wires serves global markets, including the European Union. As stainless steel falls under the EU's Carbon Border Adjustment Mechanism (CBAM), the company needed robust emissions reporting for exports. When a 203-ton shipment was delayed at EU customs due to a missing CBAM report, Vividh Wires partnered with CleanCarbon.ai to address the crisis and implement sustainable compliance, drawing on their up-to-date production data.



# Business Challenges



- 1. Supplier Data Alignment:** Despite current internal data, aggregating Scope 1, 2, and 3 emissions from suppliers for various grades (e.g., ER308L, ER316) and finishes was labor-intensive.
- 2. Supplier Hesitancy:** Suppliers required reassurance and training to share emissions data confidently under CBAM guidelines.
- 3. High-Volume Reporting:** Diverse product lines (wires, bars, shaped profiles) generated extensive reports, straining operational capacity.
- 4. Timely Submissions and Carbon Tax:** Ensuring deadline compliance and accurate carbon tax calculations was essential to mitigate penalties.

# Solutions Provided by CleanCarbon.ai

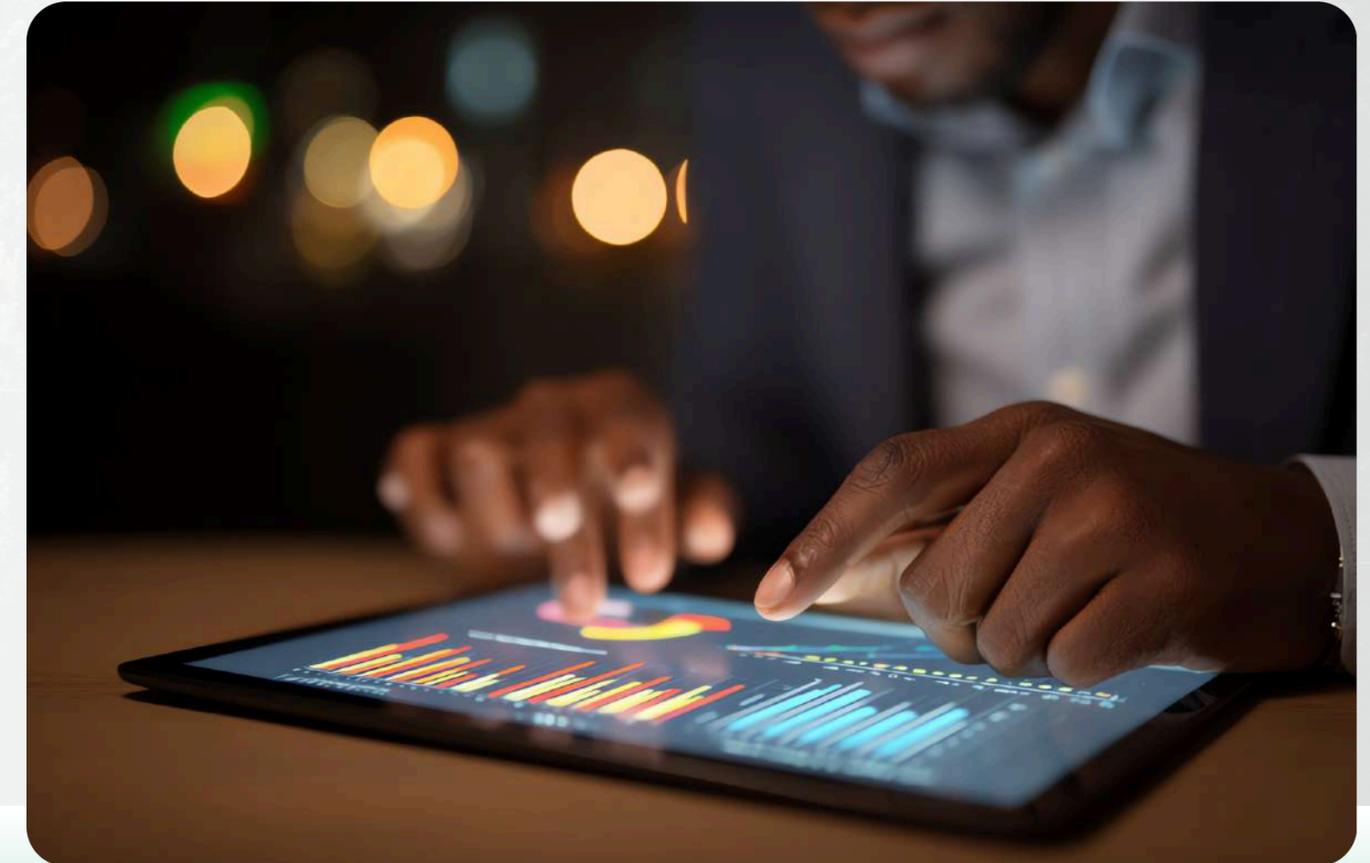
**CleanCarbon.ai designed a specialised CBAM compliance solution for Vividh Wires' stainless steel manufacturing:**

- **Supplier Education and Demos:** Hosted interactive CBAM tool sessions to demystify the process, building supplier trust for emissions data submission.
- **User-Friendly Data Interfaces:** Introduced secure, integrated platforms for suppliers to upload data on grades and finishes seamlessly.
- **Automated Reporting Engine:** Deployed ERP-connected automation to generate EU-compliant XML and Excel reports, handling product diversity efficiently.
- **Dynamic Emissions Dashboards:** Delivered real-time visibility tools for monitoring emissions across production lines, supporting quality finishes.
- **Comprehensive Audit and Tax Support:** Provided field guidance for EU audits and report validation for precise carbon tax handling, with GDPR-secured data.



# Implementation

CleanCarbon.ai launched the solution in three months, prioritising the shipment bottleneck. A compliant CBAM report was delivered in days, clearing the 203-ton shipment. Phase one embedded automated tracking into Vividh Wires' systems, cataloging emissions for wires, bars, and profiles. Phase two facilitated supplier demos for streamlined data flow. Phase three produced validated reports for EU portals, enhanced by dashboards for ongoing oversight. Tailored support accommodated Vividh Wires' varied packaging and grades.



# Result



- **Supplier Integration:** Reached 99% data participation from suppliers via engaging demos and intuitive tools.
- **Operational Savings:** Lowered CBAM reporting costs by 50% through automation, boosting production focus.
- **Compliance Consistency:** Secured 100% on-time EU report deliveries, averting fines.
- **Carbon Tax Optimization:** Achieved exact emissions assessments, reducing tax burdens.
- **Audit Assurance:** Excelled in EU audit readiness, maintainig audit trails backed by data evidence.

# Client Testimonial



“CleanCarbon.ai’s fast-tracked response rescued our 203-ton stainless steel shipment from EU limbo. Its automation and supplier demos have revolutionised our CBAM process, with dashboards offering crystal-clear emissions insights. It’s allowed us to maintain our edge in the EU without compliance headaches.”



**Vividh Wires**

# Conclusion

Through CleanCarbon.ai's collaboration, Vividh Wires surmounted a vital shipment hurdle and entrenched CBAM proficiency, elevating their EU market presence. CleanCarbon.ai's agile, tech-driven solutions provided fiscal relief, adherence reliability, and growth momentum. For stainless steel exporters tackling CBAM, CleanCarbon.ai is an indispensable partner. Visit [cleancarbon.ai](https://cleancarbon.ai) to book a consultation and refine your CBAM approach.



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