



CASE STUDY

Right Tight Fasteners

**Empowering Right Tight Fasteners
Pvt. Ltd. (RTFPL) with CBAM Solutions**



**RIGHT TIGHT
Fastners Pvt. Ltd.**

The background features a dark, high-contrast image of various industrial fasteners, including screws and bolts, arranged in a grid-like pattern. A prominent green diagonal stripe runs from the top-left towards the bottom-right, intersecting the fastener images. The right side of the slide is white with a subtle pattern of small, light-green downward-pointing triangles.

Client Overview

Right Tight Fasteners Pvt. Ltd. (RTFPL) is a leading manufacturer of high-quality industrial fasteners, serving diverse sectors such as automotive, construction, and heavy engineering. With a strong focus on quality and innovation, RTFPL exports extensively to international markets, including the European Union, where strict carbon regulations like CBAM have become a critical factor.



Business Challenges

The introduction of the EU's Carbon Border Adjustment Mechanism (CBAM) posed the following challenges for RTFPL:

- **Emission Transparency:** Establishing accurate methods to track and report carbon emissions across manufacturing processes.
- **Regulatory Compliance:** Adapting to CBAM requirements to ensure seamless exports to the EU.
- **Operational Efficiency:** Balancing sustainability goals with maintaining cost-effective production.



Solutions Provided by CleanCarbon.ai



Carbon Footprint Analysis:

- Conducted a comprehensive assessment of RTFPL's production lines and supply chain.
- Identified areas with high carbon emissions and recommended mitigation strategies.



CBAM Compliance Strategy:

- Developed a robust framework for aligning RTFPL's operations with CBAM reporting requirements.
- Assisted with documentation and process adjustments for EU-bound exports.



Technology Implementation:

- Launched CleanCarbon.ai's carbon tracking platform for real-time monitoring.
- Integrated sustainability metrics into workflows for better transparency and decision-making.



Training and Ongoing Support:

- Conducted capacity-building sessions for RTFPL on CBAM compliance & carbon management best practices.
- Offered ongoing updates and guidance on international carbon policy changes.



Result

- **Regulatory Success:** Ensured full compliance with CBAM regulations, safeguarding RTFPL's export operations.
- **Sustainability Milestone:** Reduced carbon intensity across production processes while maintaining product quality.
- **Operational Optimization:** Improved production efficiency, leading to cost savings and competitive pricing.
- **Global Competitiveness:** Strengthened RTFPL's position as a sustainable supplier in international markets.

Conclusion

CleanCarbon.ai's collaboration with RTFPL highlights how targeted CBAM solutions can address regulatory challenges while driving operational excellence and sustainability. By integrating advanced tools and strategies, RTFPL has successfully positioned itself as a forward-thinking leader in the fasteners industry.



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