



CASE STUDY


# Ring Plus Aqua

**Enabling Ring Plus Aqua to Meet  
CBAM Requirements with Sustainable  
Solutions**





# Client Overview



Ring Plus Aqua is a globally recognized manufacturer of automotive components, including starter ring gears, flex plates, and water pump bearings. With a strong export footprint, particularly to markets like the European Union, Ring Plus Aqua has consistently prioritized innovation, quality, and sustainability in its operations.





# Business Challenges

The EU's Carbon Border Adjustment Mechanism (CBAM) posed several challenges for Ring Plus Aqua:

- **Emission Transparency:** Establishing precise tracking mechanisms for carbon emissions across their manufacturing and supply chain operations.
- **Regulatory Compliance:** Adapting to CBAM requirements to maintain market access and avoid penalties.
- **Cost-Efficient Adaptation:** Minimizing carbon emissions without significantly impacting production costs.



# Solutions Provided by CleanCarbon.ai



## Comprehensive Carbon Audit:

- Conducted a thorough assessment of manufacturing processes and supply chain emissions.
- Identified carbon hotspots and recommended effective mitigation strategies.



## Advanced Monitoring Technology Integration:

- Implemented CleanCarbon.ai's cutting-edge carbon tracking system for real-time monitoring.
- Enabled seamless integration of emissions data with operational workflows for informed decision-making.



## CBAM Compliance Framework Development:

- Designed a structured compliance strategy tailored to Ring Plus Aqua's export requirements.
- Streamlined reporting processes to align with CBAM documentation standards.



## Training and Continuous Support:

- Conducted training programs for staff on CBAM compliance and sustainability practices.
- Provided ongoing support to address changes in regulations and emerging challenges.



# Result

- **Regulatory Adherence:** Ensured full compliance with CBAM, safeguarding access to the EU market.
- **Emission Reductions:** Achieved significant reductions in carbon intensity while maintaining production efficiency.
- **Operational Excellence:** Enhanced production workflows, leading to cost savings and improved resource utilization.
- **Market Leadership:** Strengthened their reputation as a forward-thinking and sustainable automotive supplier.

# Client Testimonial

"CleanCarbon.ai's expertise and innovative tools have been instrumental in our journey to comply with CBAM regulations. Their proactive approach has not only ensured seamless compliance but has also enhanced our overall sustainability practices."



**Representative,  
Ring Plus Aqua**



# Conclusion

CleanCarbon.ai's collaboration with Ring Plus Aqua demonstrates the potential of tailored CBAM solutions to transform regulatory challenges into opportunities for sustainable growth. By leveraging advanced technologies and expert guidance, Ring Plus Aqua has reinforced its position as a sustainable leader in the global automotive industry.



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