



Carlos Murillo EHS Sustainability Co-op



Yamaha Motor Canada Ltd. (YMCA) is the Canadian subsidiary of Yamaha Motor Co., Ltd., a Japanese multinational corporation dedicated to bringing joy, amazement, fulfillment, and happiness to people worldwide through the manufacturing of high-quality motorized products and services.

Role & Responsibilities

Developed and Implemented Carbon Reduction Strategies: Focused on achieving carbon neutrality through emission reduction, offsetting, and waste management initiatives.

Led Third-Party Certification Processes: Managed the validation for Canada Green Building Council (CAGBC) Zero Carbon Building (ZCB), ENERGY STAR, and Total Resource Use and Efficiency (TRUE) certifications.

Cultivated a Sustainability Culture: Created and delivered presentations to engage employees in sustainability practices.

Advised Executives on Sustainability Initiatives: Provided actionable recommendations to drive the company's sustainability efforts.

YMCA Sustainability Strategy



Goals

Achieve carbon neutrality by 2024 and net zero by 2050



Approach

Pursue energy-efficient solutions while referencing the global standards



Collaboration

Leverage the expertise collaborating with stakeholders



Accreditation

Pursue sustainability certification to gain recognition and assurance



Engagement

Discuss climate-related knowledge with stakeholders

This internship has been a journey of innovation and impact, where the pursuit of sustainability has seamlessly blended with unforgettable experiences and deep satisfaction, all in harmony with Yamaha's *Kando* culture of creating lasting excitement and memorable experiences

Contributions & Key Accomplishments

Achieved ENERGY STAR Certification for Yamaha's headquarters and warehouse, showcasing leadership in energy efficiency.

Completed ISO 50001 Ready Certification, establishing a robust and efficient energy management system.

Led Carbon Neutrality Initiatives: Successfully spearheaded the ZCB certification process, including registration and ongoing review with CAGBC.

Enhanced Waste Management Practices: Contributed to aligning operations with TRUE certification standards.

Conducted Utility Data Analysis: Verified and analyzed key utility data points for YMCA, ensuring accurate sustainability metrics.



Industry Analysis: Performed a comprehensive analysis of industry trends and best practices for implementing EV charging infrastructure by 2025.

Produced the 2024 Sustainability Report: Generated a detailed report outlining key initiatives, performance metrics, and a timeline for sustainability goals. Presented these findings and climate action strategies to top executives, driving progress toward Yamaha's 2050 net-zero commitment.

Key Takeaways



Kando Culture: Immersed in Yamaha's unique "Kando" culture. This co-op provided enriching experiences, great memories, and the opportunity to explore YMCA products firsthand.

Hands-On Impact: Played a direct role in advancing sustainability initiatives, significantly contributing to Yamaha's commitment to a greener future.

Aligned Interests: Successfully aligned projects with personal interests, fostering excitement and motivation within the work environment.

Professional Growth: Developed critical skills in project management, data analysis, and sustainability reporting, which have been instrumental in driving impactful results and will serve as a strong foundation for future career opportunities.

Strengthened Influence Skills: This experience improved my capacity to drive decision-making and gain support for critical initiatives.