

# **PANEL SESSION**

Implementing zero-emission medium and heavy-duty fleets in waste management and transport

Data-focused insights and real world stories from the ground about building and implementing medium and heavy duty zero emission fleet roadmaps.



### **CHARLOTTE ARGUE**

Senior Manager, Sustainable Mobility, Geotab.

As Senior Manager of Sustainable Mobility at Geotab, the global leader in connected transportation, Charlotte Argue's focus is on enabling fleets in reducing carbon emissions with data-driven solutions, and sharing aggregated insights to inform large-scale vehicle electrification strategies. She is a subject matter expert in fleet electrification and a champion for connected vehicle technology solutions in the EV industry. Charlotte has been involved in electric transportation since 2009.

Before joining Geotab, she managed the Plug In BC initiative in British Columbia, delivering EV programs for fleets, charging infrastructure and public awareness. She currently sits on the board of NACFE (North American Council for Freight Efficiency), and is BC Chapter Chair for Women of EVs.



## **ZACKERY CHAN**

Project Manager, Emterra Environmental.

With over a decade of experience at Emterra Environmental, Zackery Chan has been pivotal in the design, planning, and execution of the company's major initiatives.

His leadership has been crucial in the successful implementation of an Electric Vehicle (EV) fueling station at Emterra's Cumberland site in BC, supporting Canada's largest fleet of EV refuse vehicles. Zackery also oversees a wide range of projects across both Canadian and US sites, from reviewing and building information for new recycling contracts to developing and implementing advanced Material Recovery Facilities (MRFs).

His expertise and dedication are key to Emterra's mission of delivering sustainable and innovative solutions.



## JAY JAIN

CEO, Moving Mountain Logistics.

With years of experience in the electric vehicle (EV) landscape, Jay is proud to lead the largest commercial EV fleet operation in Interior BC—Moving Mountain Logistics.

As a passionate energy and charging infrastructure enthusiast, Jay has dedicated his career to building sustainable solutions that drive businesses and communities toward a net-zero future. Whether it's optimizing EV logistics or designing innovative charging systems, he's always looking for ways to electrify progress and push boundaries.



#### **MICHAEL TOLAND**

Manager, Engineering Operations, District of North Vancouver.

Michael Toland is an accomplished speaker and expert with over 40 years of experience in Canada and the UK. Specializing in the municipal, forestry, waste management and fire and rescue sectors, running fleets, specialized assets and operational management. Michael has developed a robust understanding of the intricacies involved in optimizing operations and leadership in diverse industries.

Throughout his career, Michael has played a pivotal role in driving efficiency and innovation in both public and private sector organizations. His hands-on experience managing fleets and overseeing large-scale operational strategies has made him a trusted advisor to organizations looking to improve their service delivery and operational effectiveness.

A passionate supporter of Newcastle United, Michael brings a unique perspective to his leadership, drawing inspiration from the teamwork and commitment seen in the English Premier League. He believes in fostering collaboration and developing cohesive teams to drive success.

When not advising organizations or speaking at events, Michael enjoys touring in his travel trailer, embracing adventure and the freedom of the open road. His diverse experiences, combined with his dedication to helping others succeed, make him a sought-after speaker and consultant in his field.



#### **TAUSEEF WARAICH**

Manager, Green Fleet & Equipment, City of Burnaby.

Tauseef Waraich is a seasoned professional with over two decades of experience driving sustainability initiatives and fostering environmental stewardship. With an MSc in Environment and Management, Tauseef has built an impressive career specializing in change management, zero waste initiatives, and advancing carbon-neutral strategies.

Currently serving as the lead for planning and executing green fleet and infrastructure projects for the City of Burnaby, Tauseef has made a significant impact in transitioning the city's operations towards sustainability. A key highlight of his accomplishments is the successful implementation of over 400 electric vehicle (EV) charging stations across civic facilities. This includes an extraordinary milestone: the establishment of 150 EV charging stations at Burnaby's City Hall, making it one of the largest EV parking facilities in British Columbia.

Despite his professional focus on sustainable technologies, Tauseef remains a motorcycle enthusiast and enjoys riding his gasoline-powered bike, with no immediate plans to switch to electric.