Post-carbon mobility transitions in big cities: lessons from Montreal, Toronto and Vancouver

Montreal, Toronto and Vancouver, and their surrounding suburbs, present the most promising conditions to launch a post-carbon mobility transition in Canada. This is because they already contain a backbone of electric mobility infrastructure (e.g., metro, streetcar, and electric trolley bus) that accommodate more than half of passenger trips to and from the urban core. They also feature a level of density and mixed use urban development that facilitates non-motorised travel over shorter distances (e.g., walking within a 2km radius and cycling within a 5km distance). Reducing, and then eliminating, the role of fossil fuels used in mobility is both necessary and possible for large cities by 2050. Such a transition would need to be facilitated by policy initiatives which accelerate the expansion of electric mobility infrastructure and encourage the reorganization of shared mobility alternatives to the fossil-fueled automobile.

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VIDEOCONFERENCED: GOLD COAST & NATHAN CAMPUS

Wednesday 29th March

Nathan: building N78, level 4, Room 4.26

Gold Coast: building G39, level 4, Room 4.47

11.00am – 12.00pm