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Tuesday, January 28, 2020

Toronto City Hall
100 Queen St. West
Toronto, ON M5H 2N2

Subject: City of Toronto's Electric Vehicle Strategy

On behalf of ChargePoint, I would like to express our support for the City of Toronto Electric Vehicle Strategy. The 10 actions proposed in the strategy reflect policies and initiatives that have a clear track record of success in accelerating EV adoption, all of which will position the City as a leader in e-mobility and support the City's target for 100% of transportation activity to be zero emissions by 2050.

ChargePoint believes that cities have an important role to play in the transition to zero emissions transportation and has therefore been committed to supporting cities in making it easy for drivers, municipalities and businesses to go electric since we were founded in 2007. From workplaces to fleet, residential to municipalities, ChargePoint is creating a new charging network to move all people and goods using electricity rather than fossil fuel. To date, ChargePoint's network has grown to more than 100,000 places to charge around the world, including over 2,600 in Ontario.

Transportation-related emissions represent 38% of the City's overall greenhouse gas (GHG) emissions profile, 80% of which are attributed to personal vehicles.¹ Studies have found that with today's grid, an EV can reduce emissions anywhere from 67-95%² when compared to a gasoline vehicle. Given that the transportation sector is responsible for a significant portion of the City's GHG emissions, electric vehicle adoption will be key for reducing these emissions and achieving overall climate targets.

Therefore, the implementation of the Strategy will be an important component of the City's transition to a low carbon future as articulated in the City's Climate Action Strategy and TransformTO, which includes a goal of 100% zero carbon emissions transportation by 2050.

We encourage City Council to approve the Strategy and direct staff to begin implementation of the proposed actions. As noted in the Strategy, prompt implementation will be critical to achieving 2025 EV adoption targets. We also encourage City Council to ensure that existing initiatives approved by council (e.g. the downtown on-street and Toronto Parking Authority pilots) and initiatives proposed by council

¹ TransformTO Overview: <https://www.toronto.ca/services-payments/water-environment/environmentally-friendly-city-initiatives/transformto/transformto-climate-action-strategy/>

² A study from PlugNDrive found that GHG reductions could be as high as 67-95% for an EV compared an equivalent gasoline vehicle: <https://link.zixcentral.com/u/205a9e39/auyw3GA96hG7Nof1Bm1nPA?u=http%3A%2F%2Fwww.plugndrive.ca%2Fwp-content%2Fuploads%2F2017%2F07%2FElectric-Vehicles-Reducing-Ontarios-Greenhouse-Gas-Emissions-A-Plugn-Drive-Report.pdf>



(e.g. Councillor Bradford's motion to amend parking pad permissions) move forward to further support the 2025 goals.

Thank you for the opportunity to provide and share our support. Please do not hesitate to reach out should you have any questions or if I can provide additional information.

Sincerely,

A handwritten signature in black ink, appearing to read "Suzanne Goldberg". The signature is fluid and cursive, with a horizontal line underneath.

Suzanne Goldberg
Director, Public Policy – Canada
ChargePoint