

Introduction

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Context – TRBOT Climate Priorities

TRBOT's Climate & Energy Priorities

A CORE PRIORITY

- Climate leadership and the energy transition is one of TRBOT's organizational priorities.
- There is an economic and environmental imperative to accelerate the pace to decarbonization as we are lagging behind other jurisdictions and at risk of losing our competitive advantage.

OUR OBJECTIVES

- To identify and advocate for interventions to accelerate investments in clean, affordable, and reliable energy needed to power the transition to net zero.
- This includes advocating for policy changes and investments necessary to build out EV infrastructure and accelerate EV adoption across the GTHA.



Why is Climate Action a Priority for TRBOT?

Our Collective Net-Zero Opportunity

Global cleantech market
projected to exceed
\$3.3 trillion
in 2022.

McKinsey has estimated
climate transition costs
at more than
\$9 trillion
per year.

13
Canadian companies
included on the 2022
Global Cleantech 100 list.

There is an economic imperative to act now.

TRBOT's Climate & Energy Priorities

ENABLERS

- **Climate Economy Strategic Council:** co-led by TRBOT and MaRS, the Council is a cross section of global thought leaders and practitioners with expert insights on climate action, financial markets, and cleantech.
 - Mandate: solve for the cleantech adoption necessary for the Toronto Region to lead in the climate economy and reach net zero by 2050.
- **The Board's Energy & Climate Committee:** comprised of industry leaders and TRBOT members, the committee aims to develop a sustainable, reliable, and affordable energy system in the Toronto Region.
 - Mandate: contribute to the reduction of direct emissions through effective and business-friendly policy.
 - Objectives include: identify solutions for the build-out of charging infrastructure at scale.

TRBOT – EV Initiatives

TRBOT's SuperCharge Initiative

SYMPOSIUM

- In 2021, TRBOT held a symposium convening industry experts to identify the specific challenges and recommended solutions to facilitate the infrastructure needed to support and enable the transition to EV and zero-emission vehicles (ZEVs) in the Toronto Region.

ROADMAP

- The insights gathered at the symposium, led to the publication of TRBOT's *SuperCharge Roadmap: Paving the Way for Zero-Emission Vehicles*.
- The roadmap identifies four key areas where all levels of government can more effectively coordinate with utilities and the private sector to support the transition to ZEVs.

ACTION

- TRBOT pursued a grant from TAF to **activate recommendations** from the *SuperCharge roadmap*.

TRBOT & TAF: EV Acceleration Across the GTHA

ABOUT THE INITIATIVE

- We are now actioning a **two-year advocacy campaign** to support EV adoption in three municipalities: Toronto, Vaughan, and Hamilton.
- The initiative **advances priority actions** from the Low Carbon Cities Canada (LC3) and Green Municipal Fund (GMF)'s knowledge product, which identified the highest-impact actions municipalities can take to spur EV uptake and adoption.
- A key enabler of this work is building a broad **local stakeholder coalition**, including with relevant Chambers of Commerce, to support urgent action on advancing key priorities.
- Together, we will use our **expertise and convening power** to help municipalities with implementing the most effective and impactful policies that support EV adoption.

TRBOT & TAF: EV Acceleration Across the GTHA

PRIORITY MUNICIPAL ACTIONS

The LC3 and GMF knowledge product identifies six high-impact actions municipalities can take to spur EV uptake and adoption.

1. Create advantages for ZEVs in the city.
2. Develop a reliable and equitable charging network.
3. Enable EV-Ready retrofits in existing buildings.
4. Ensure all new buildings are EV-Ready.
5. Accelerate ZEV adoption in municipal fleets and transit.
6. Encourage electrification of shared fleets.



TRBOT & TAF: EV Acceleration Across the GTHA

OBJECTIVES

- Advocate and advance 2-3 priority actions in each municipality.
- Demonstrate that EV adoption is a priority for stakeholders in the region including businesses, environmental organizations, transportation and industry organizations.

IMPACT

- Adoption and implementation of key priority actions that support EV uptake in each of the three selected municipalities by summer 2024.

THE COALITION

Chamber of Commerce Partners:

- Hamilton Chamber of Commerce
- Vaughan Chamber of Commerce

Environmental NGOs:

- David Suzuki Foundation
- EV Society
- Pembina Institute
- Plug 'n Drive
- Pollution Probe

Business Stakeholders:

- Canadian Automobile Association
- Shell Recharge
- Toronto Electric Vehicle Association
- Uber



TRBOT & TAF: EV Acceleration in Toronto

CONTEXT

- The City of Toronto has made a clear commitment to increasing EV uptake and adoption in passing its first comprehensive Electric Vehicle Strategy in 2020.
- By consulting Toronto's EV Strategy and the LC3 knowledge product, the coalition will focus on advancing high-impact actions by advocating for specific policy solutions required to reach EV objectives.

PRIORITY ACTIONS

1. Create advantages for ZEVs in the city.
2. Enable EV-ready retrofits in existing buildings.
3. Encourage electrification of shared fleets.

TRBOT & TAF: EV Acceleration in Vaughan and Hamilton

CONTEXT

- Neither Vaughan or Hamilton have an EV-specific strategy.
- In the absence of a current strategy, the coalition will focus on advancing high-impact priority actions by advocating for specific policy solutions that support EV adoption and uptake.

PRIORITY ACTIONS FOR VAUGHAN

1. Develop a reliable and equitable charging network.
2. Ensure all new buildings are EV-ready.

PRIORITY ACTIONS FOR HAMILTON

1. Develop a reliable and equitable charging network.
2. Ensure all new buildings are EV-ready.
3. Create advantages for ZEVs in the city.

TRBOT & TAF: EV Acceleration Across the GTHA

OUR APPROACH

- **Forming the coalition** to ensure coordination and consistency from key players across municipalities.
- **Support the development of policy solutions** that need to be advanced to reach objectives in each municipality.
- **Engage broader ecosystem partners** to ensure a multisectoral approach (ex: landowners, developers etc.).
- **Explore further collaboration** and partnership opportunities with TAF.



Questions?