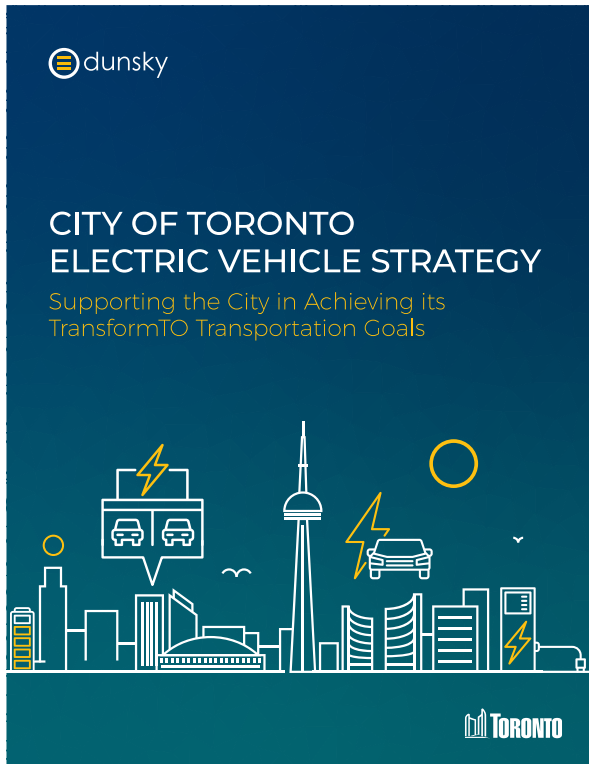




# Electric Vehicle Strategy

June 2023

# Electric Vehicle Strategy



Approved by City Council Jan. 2020

Focus on light duty vehicles

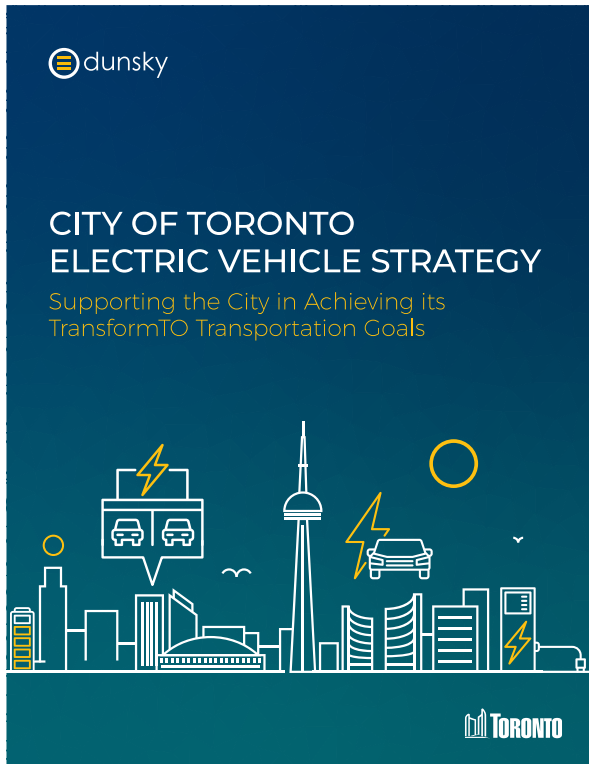
Targets – share of EVs in registered personal vehicles in Toronto:

- 5% by 2025
- 20% by 2030
- 80% by 2040
- 100% by 2050

10 actions in 4 areas of opportunity:

- Charging availability
- Cost & convenience
- Education & advocacy
- Economic opportunities

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Approved by City Council Jan. 2020

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Targets – share of EVs in registered personal vehicles in Toronto:

- 5% by 2025
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- ~~80% by 2040~~
- ~~100% by 2050~~

← Now 30% of total registered vehicles

} Net zero by 2040

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# EV Strategy Areas of Opportunity

- EV Ready new buildings
- EV Station Fund
- HELP and ERL financing
- Public EV charging
  - On-street
  - Green P
- Public EV Charging Plan
- Corporate charging network (fleet, workplace, public)

- EV Outreach Initiative
- Advocacy to Provincial + Federal governments
- City Fleets electrification

## Charging Availability

Increasing the real and perceived availability of charging infrastructure

## Cost and Convenience

Reducing the overall cost (both financial and non-financial) of owning and using EVs

## Education & Advocacy

Increasing EV awareness and comfortableness among consumers and key stakeholders

## Economic Opportunities

Capturing the economic benefits associated with the transition to electric mobility

- Encourage vehicle-for-hire companies to increase EVs in their fleet
- Electric car share vehicles
- Electric micro-mobility

- EV Events promotion/support
- Support for EV cluster & related clusters
- Transportation Innovation Zone

# Potential shared resources

## EV infrastructure requirements for new buildings

- Model by-law + technical bulletin/guide
- Toronto's ZBL + TGS requirements + guide
- Guide for development industry members

## EV Charging

- Scope of work for Public EV Charging Plan + methodology for demand projections
- City experience with deploying on-street & off-street public charging + fleet charging

## EV Outreach

- Survey results: public, business, car dealerships
- Scopes of work for public survey & videos



## Contact

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Call **311**

