



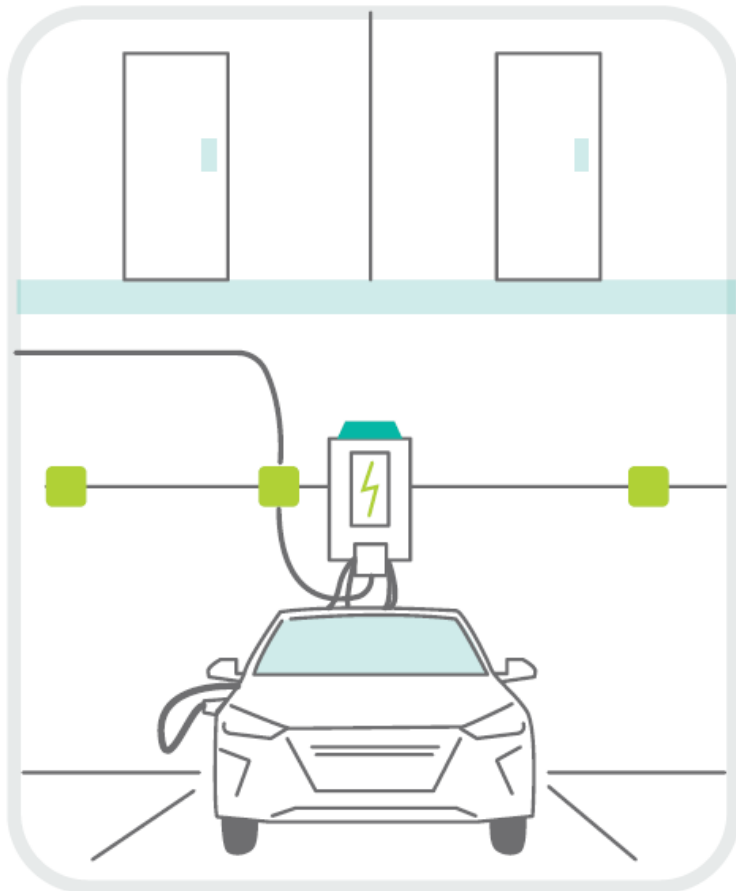
How To Speed Up Zero-Emissions Vehicle Adoption in Your Municipality

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The Atmospheric Fund



The Unique Role of Canadian Cities in Accelerating Zero-Emission Transportation



Canada



This resource was created and funded by Low Carbon Cities Canada (LC3) and the Green Municipal Fund (GMF). LC3 was implemented in partnership between seven local centres and the Federation of Canadian Municipalities (FCM). LC3 and GMF both leverage endowments from the Government of Canada to support communities' transition to a low-carbon future.

[This resource is live on the GMF website, click here.](#)

For more information on its author's organizations, please visit:

www.GreenMunicipalFund.ca & www.LC3.ca

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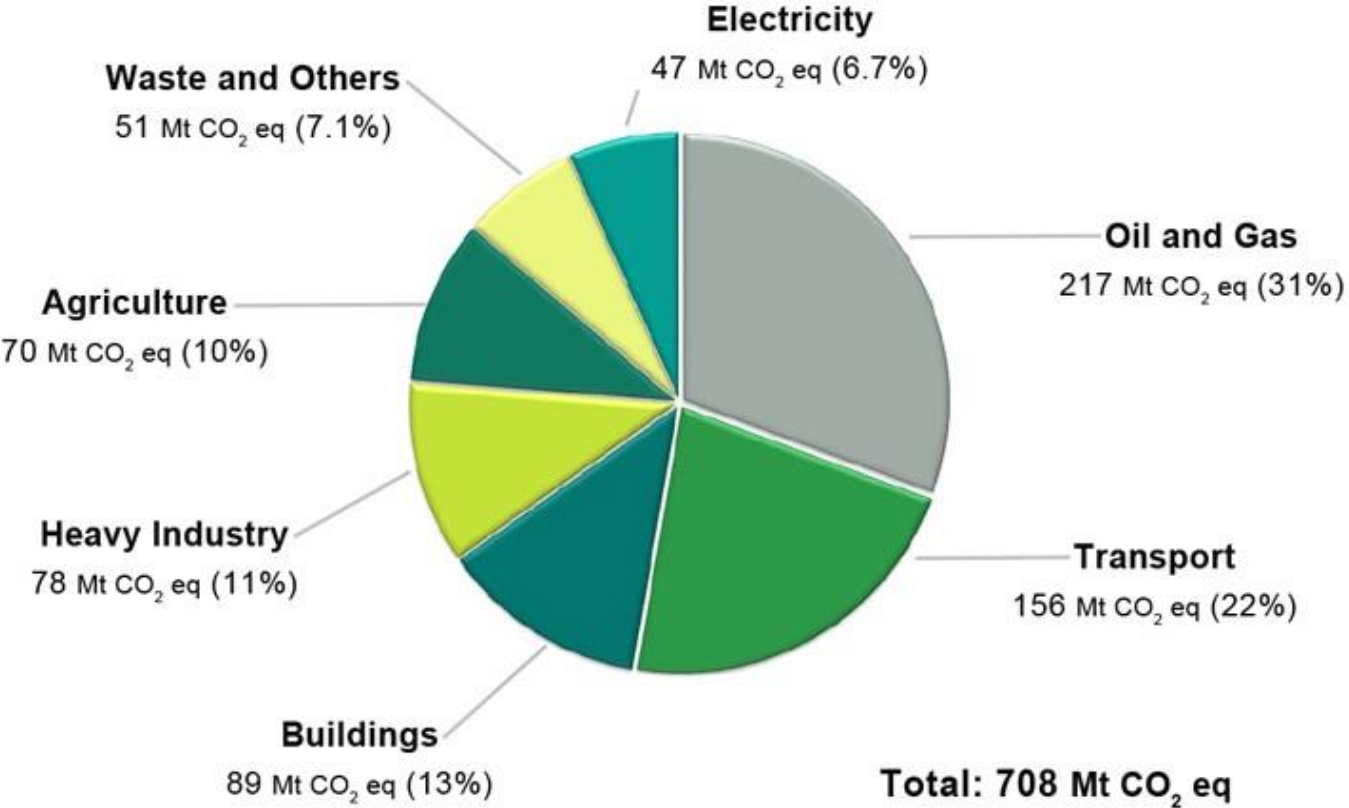
LC3 Centres are located in seven of Canada's largest urban areas.





Why are zero-emissions vehicles an essential component of municipal climate plans?

ZEVs in municipal climate plans

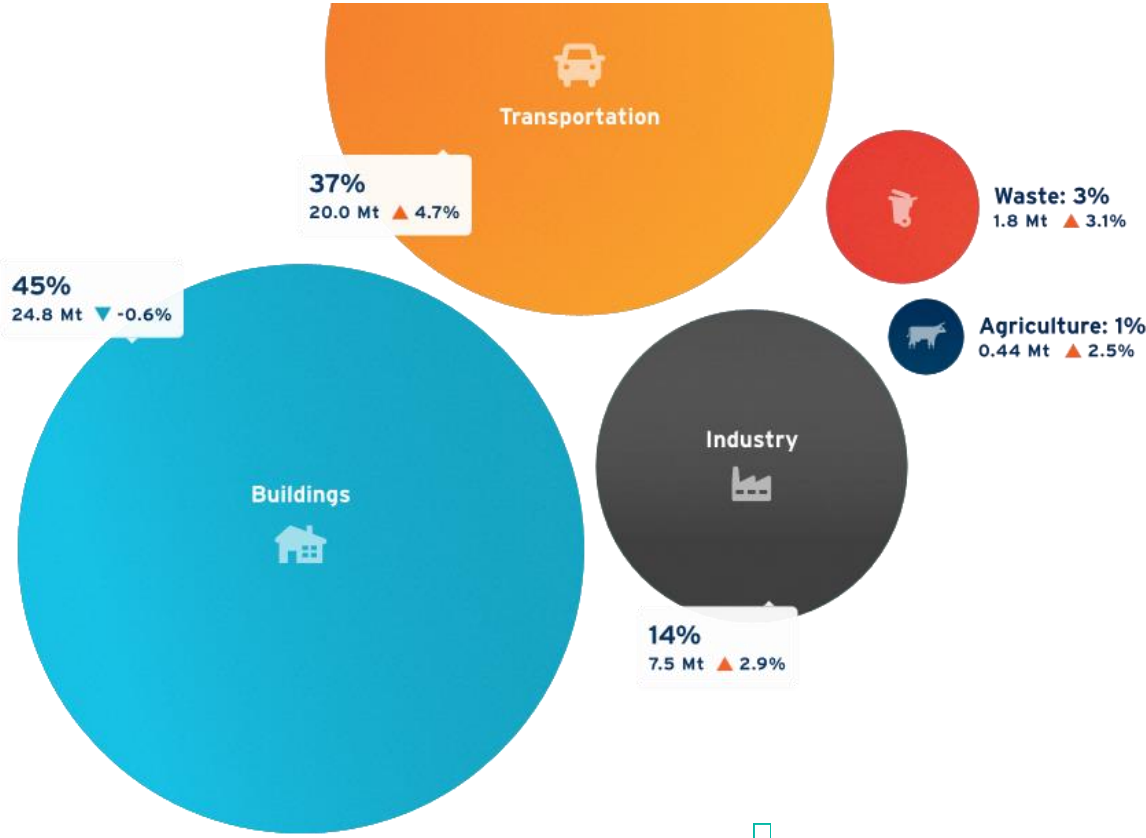


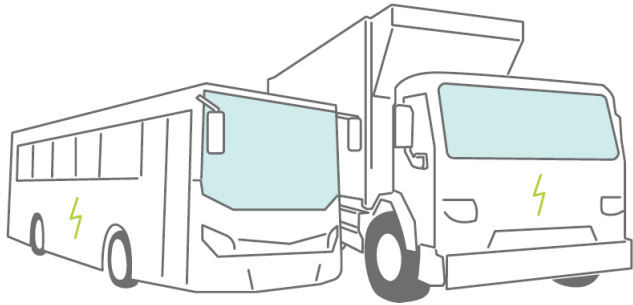
Transportation is the second largest emissions source in Canada...

ZEVs in municipal climate plans



...and an even bigger emissions source in most cities





What municipal actions address the biggest barriers to ZEV adoption?

1. Create advantages for ZEVs in the city



- A. Implement Zero-Emission Zone or other forms of mobility pricing
- B. Offer favourable parking policies and curbside/loading zone access for ZEVs



2. Develop a reliable and equitable charging network



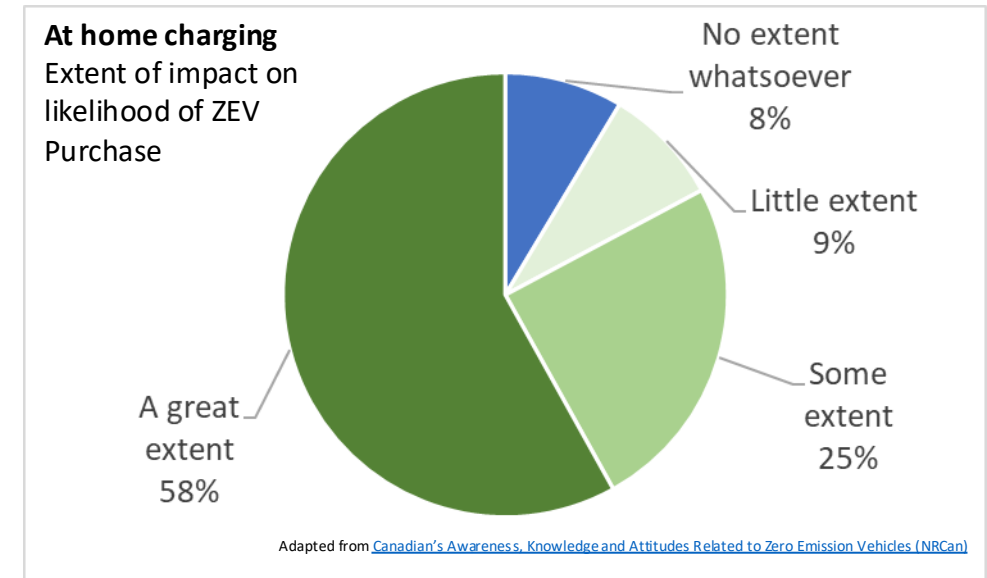
- A. Directly invest in and install infrastructure
- B. Remove regulatory barriers to private sector investment
- C. Provide financial incentives for private sector investment



3. Enable EV-Ready retrofits in existing buildings



- A. Enact bylaw requiring EV-Ready parking spaces by 2030 (or another timeframe)
 - 100% in residential buildings
 - 20+% for new non-residential buildings
- B. Offer financial incentives or financing
- C. Provide educational resources



Fewer than half of Canadians say they can charge at home



4. Ensure all new buildings are EV-Ready



Enact bylaw requiring EV-Ready parking spaces

- 100% in new residential buildings
- 20-50% for new non-residential buildings

Installation is
most cost-
effective during
construction

Bylaws adopted by over a dozen municipalities in Canada



5. Accelerate ZEV adoption in municipal fleets



A. Develop or accelerate fleet decarbonization plan



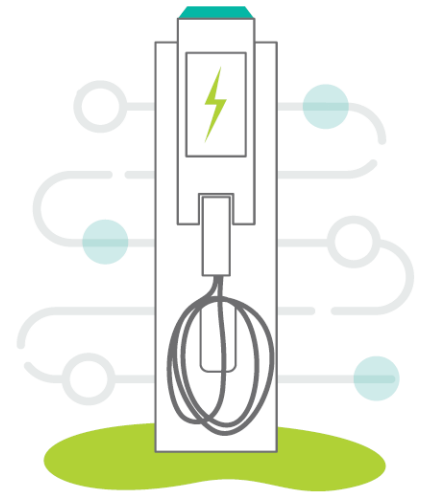
6. Encourage electrification of shared fleets



- A. Licensing and/or bylaws requiring 100% ride-hailing fleets by ZEV by 2030
- B. Offer preferable terms or incentives
- C. Amend land-use bylaw to reduce/eliminate parking requirements when including dedicated EV car-share parking



What can you do to enable these high-impact actions in your local community?



Enabling high-impact ZEV actions locally



- Help local decision-makers connect the dots
- Ask the tough questions
- Engage unlikely allies





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Thank you

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