

Recent EV research publications from CAP – building your capacity

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Low emission transportation workshop | 21st November 2018

Electric Vehicle Discovery Centre

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Toronto, ON M3J 3J6

Canada

Report 1

Building the corporate business case for electric vehicles

Purpose of the report

The problem

- EVs are increasingly becoming more affordable for municipal fleets.
- Illustrating this in the business case report to senior management and city council is one of the hardest barriers to overcome.

The solution

- “Policy briefing note” style report outlines the main cost considerations to use in your own business cases.
- Contains facts, figures and wider language to help convince key decision makers.

Section 1 - Why EVs?

- GHG emissions reduction.
- Increasing market penetration and falling costs.
- Opportunities for municipal leadership.

Section 2 – Building the business case

Outlines what consider when building an effective business and illustrate cost savings:

- Ownership costs
- Vehicle administration costs
- Fuel costs
- Maintenance costs
- Total cost of ownership
- GHG reductions
- Charging infrastructure costs

Section 3 – Overcoming barriers

- Risk identification and mitigation strategies
- EV education for fleet managers and drivers

Report 2

Creating an effective workplace electric vehicle charging policy

Purpose of the report

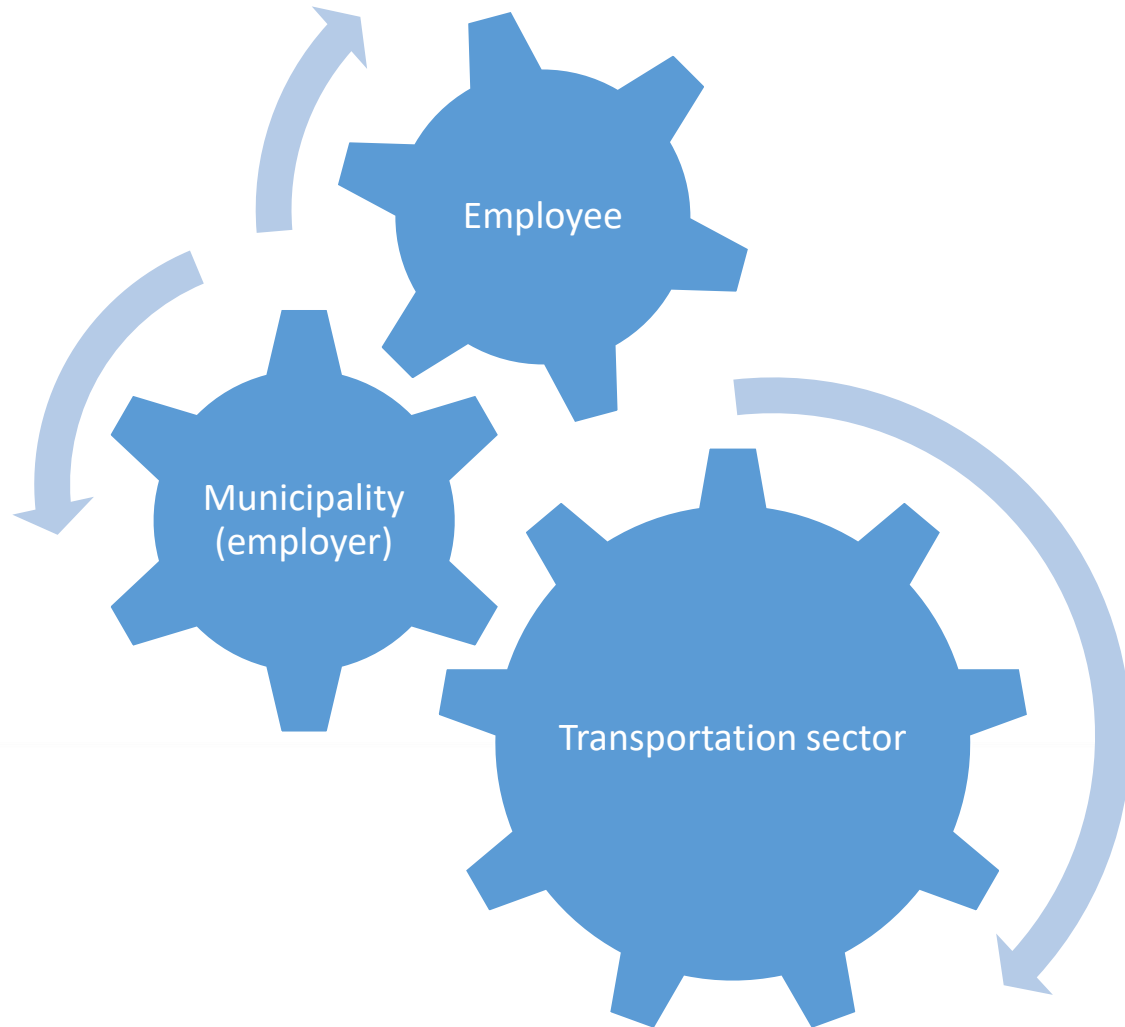
The problem

- Providing workplace EV charging is more nuanced than simply purchasing and installing EV chargers.
- It represents both a challenge *and* an opportunity.

The solution

- “Policy briefing note” style report outlining the main considerations in creating an effective workplace EV charging policy and best practices.
- Contains statistics and wider language and framing for use in city council reports to key decision makers.

Section 1 – Benefits of workplace charging



Section 2 – 5 case studies

Municipality/organization	Policy
City of Ottawa	Corporate EV charging station policy
City of Markham	Alectra Drive for the workplace: Markham Civic Centre
City of Vaughan	Workplace EV charging policy
City of Kingston	Proposed EV Strategy
Humber College (Etobicoke)	On-campus EV charging policy

Section 3 – Creating an effective workplace EV charging policy

- Evaluating employee demand
- Identifying roles and responsibilities
- Registration process and liability waivers
- Payment structure
- Access and prioritization rules

Thank you very much,

We'll be sharing the finalized reports shortly!

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