

# Attachment 2 - City of Toronto Electric Vehicle Roadmap

## IE11.17 - Attachment 2

	Action	Immediate	(2021-2023) Near-term	(2024-2027) Medium-term	(2028+) Long-term	Lead Agency
CHARGING AVAILABILITY	<b>1 Charging Infrastructure Incentives:</b> Leverage and explore funding opportunities to expand charging infrastructure <ol style="list-style-type: none"> <li>Explore the feasibility of providing incentives for charging infrastructure</li> <li>Expand financing options for charging infrastructure installation on private property</li> <li>Explore quantifying and monetizing GHG reductions from charging infrastructure via carbon offset credits</li> </ol>					<b>Various</b>  <i>Environment &amp; Energy</i> <i>EED + Social Dev.</i> <i>Environment &amp; Energy</i>
	<b>2 Charging Infrastructure Policies and Regulations:</b> Develop policies and regulations and explore partnerships to expand charging infrastructure <ol style="list-style-type: none"> <li>Support Toronto Green Standards for new developments</li> <li>Home and Workplace: Explore regulatory opportunities or programs for charging at existing homes and workplaces</li> <li>Lead by Example: Develop a workplace EV charging program for the City</li> <li>Public: Enable EV charging deployment through guidance and partnerships</li> <li>Lead by Example: Make municipal charging infrastructure publicly available</li> </ol>					<b>Various</b>  <i>City Planning</i> <i>Environment &amp; Energy</i> <i>Environment &amp; Energy</i> <i>Project Management Office</i> <i>Transportation Services + TPA</i> <i>Fleet Services</i>
	<b>3 Electricity Supply Management:</b> Explore options to integrate technologies and streamline installations <ol style="list-style-type: none"> <li>Explore integrating technologies (investments in enabling renewable energy and grid optimization)</li> </ol>					<b>Toronto Hydro + Environment &amp; Energy</b>
COST & CONVENIENCE	<b>4 Shared Mobility:</b> Develop policies to increase EVs in shared mobility <ol style="list-style-type: none"> <li>Encourage vehicle-for-hire companies to increase EVs in their fleet</li> <li>Support electric carsharing, especially in targeted neighbourhoods</li> <li>Explore piloting electric micro-mobility</li> </ol>					<b>Various</b>  <i>MLS</i> <i>EED</i> <i>TPA + Transportation Services</i>
	<b>5 Financial and Non-Financial Incentives:</b> Explore regulatory changes and pilots to reduce congestion and promote EV adoption <ol style="list-style-type: none"> <li>Explore establishing a pilot LEV or ZEV zone</li> <li>Explore reducing any future road tolls or congestion charges for EVs</li> </ol>					<b>Transportation Services</b>
EDUCATION & ADVOCACY	<b>6 Advocacy with Other Orders of Government:</b> Advocate to other levels of government for requirements to encourage a transition to EVs <ol style="list-style-type: none"> <li>Advocate for EV ready parking in residential new construction</li> <li>Advocate for policies that support a transition to EVs</li> </ol>					<b>Environment &amp; Energy</b>
	<b>7 Education and Awareness:</b> Communicate social, environmental and economic impacts of EVs <ol style="list-style-type: none"> <li>Develop education and outreach initiatives</li> <li>Create an EV Community Champions network</li> </ol>					<b>Environment &amp; Energy</b>
	<b>8 Lead by Example:</b> Continue to add EVs to the City's corporate fleet and engage organizations to share best practices <ol style="list-style-type: none"> <li>Continue to convert City's corporate fleet to low-emission vehicles</li> <li>Develop a joint City EV charging infrastructure procurement strategy</li> </ol>					<b>Fleet Services</b>
ECONOMIC OPPORTUNITIES	<b>9 Research and innovation:</b> Support EV related research <ol style="list-style-type: none"> <li>Support post-secondary institution and private sector EV research</li> <li>Explore opportunities to avoid waste and support end-of-life reuse</li> </ol>					<b>Environment &amp; Energy</b>
	<b>10 Economic impacts of EVs:</b> Promote economic benefits of EV technology in Toronto <ol style="list-style-type: none"> <li>Support efforts to host EV industry events</li> <li>Help attract EV-related industries and businesses</li> </ol>					<b>Economic Development and Culture</b>