

Attachment 2 - City of Toronto Electric Vehicle Roadmap

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