

The Road to 2035

*Auto Mayors 2023 Action Plan Update
EV Adoption & Technology*

November 3, 2023

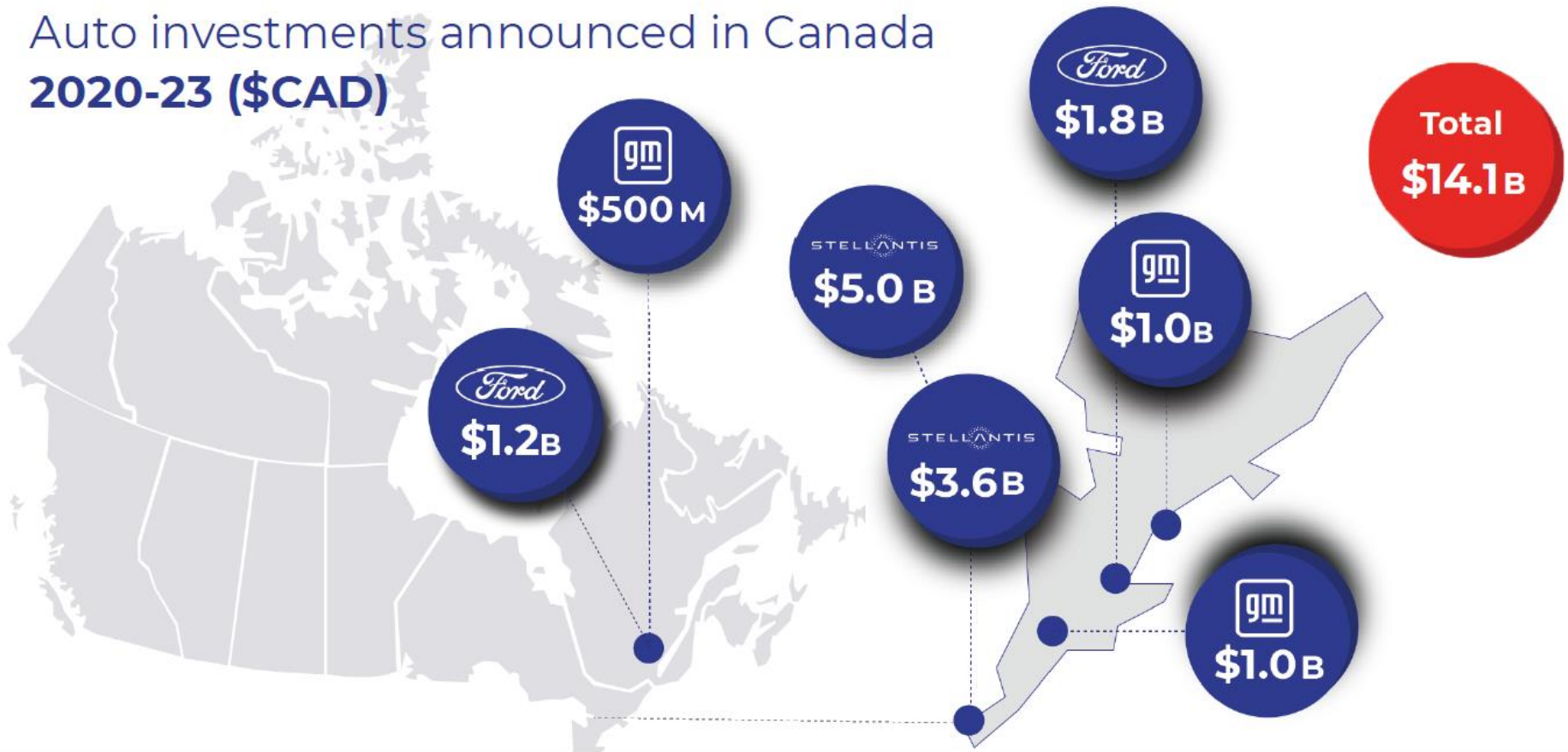
Canadian Vehicle Manufacturers' Association



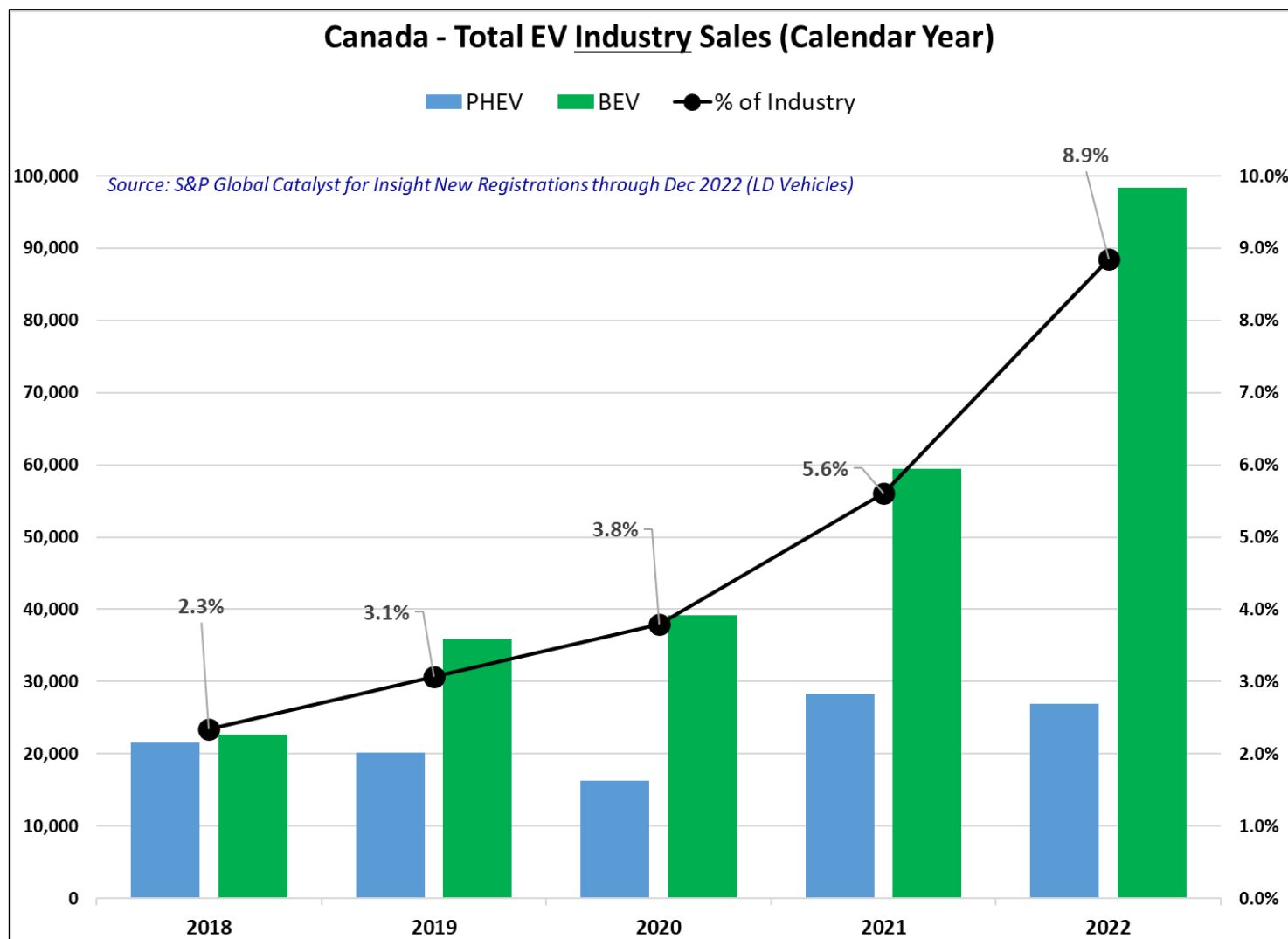
New investments in Canada



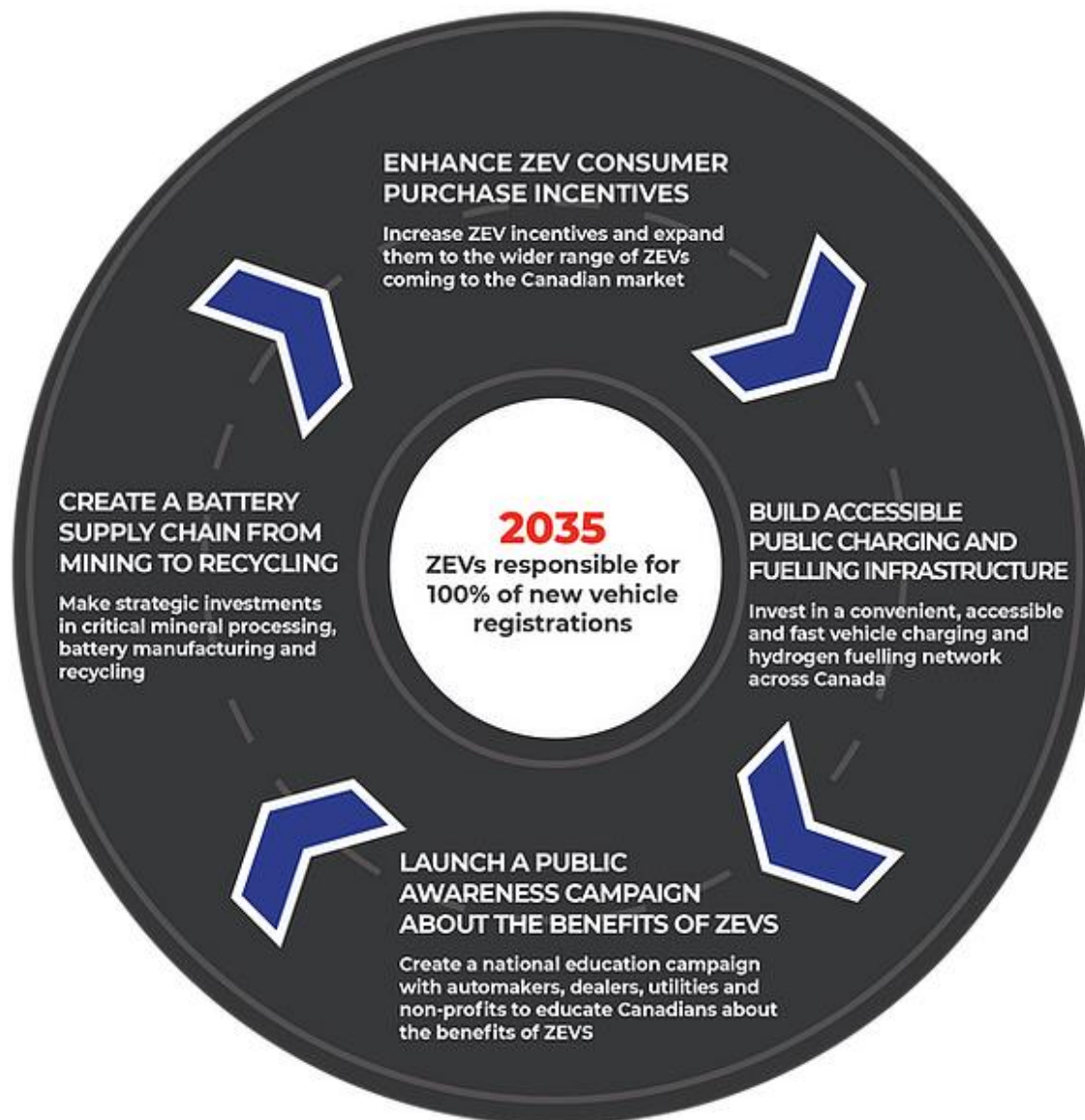
Auto investments announced in Canada
2020-23 (\$CAD)



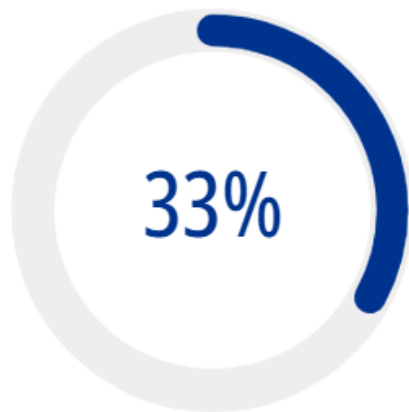
EV sales in Canada



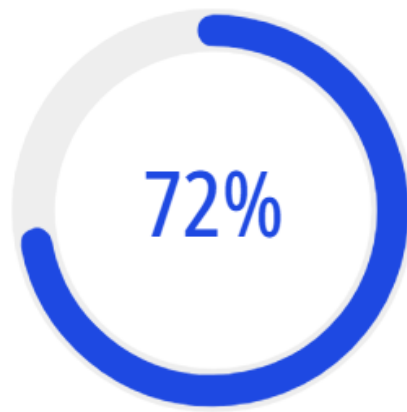
Road to 2035



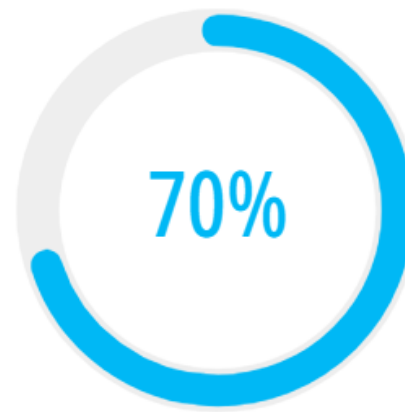
Barriers to EV adoption



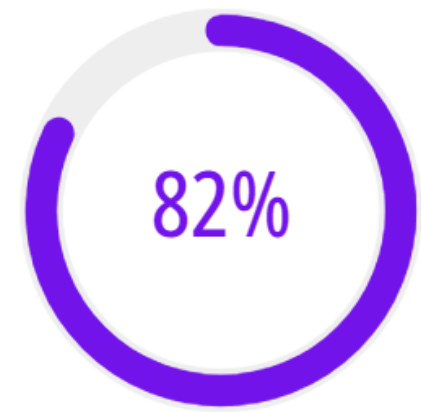
33% cite EV hesitancy due to many concerns: cost, charger anxiety, battery technology, limited supply



72% don't want to spend more than \$50,000 on a new vehicle



70% are concerned about the availability and reliability of public EV charging stations

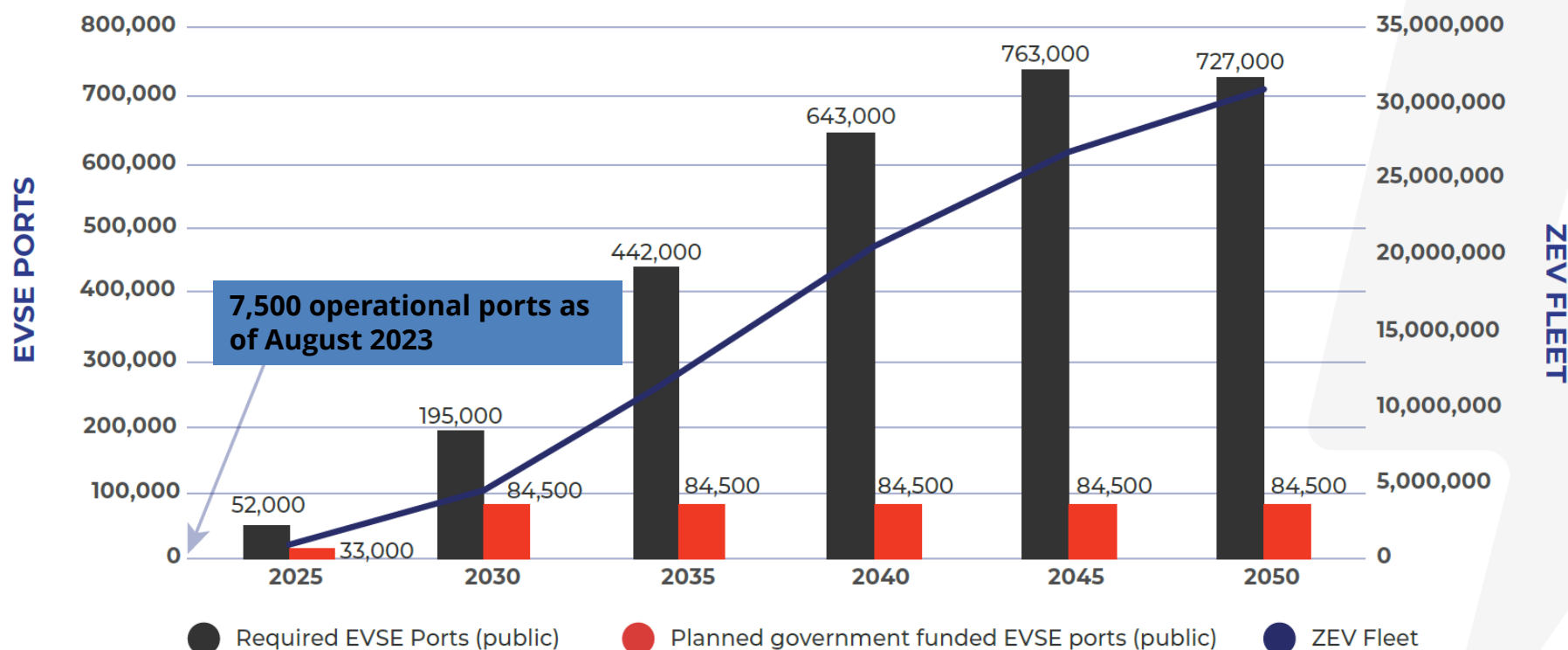


82% say battery degradation remains a huge concern for them

Growing charging gap



Required vs planned government funded public EVSE ports¹



Road to 2035 - ZEV Timeline



	2021	2026	2030	2035	2050
ZEV Sales (%)	5.6	20	60	100	100
ZEV Sales (vehicles)	73,600	394,859	1,215,188	2,027,685	2,500,000
ZEV Sales Growth (%)		436	208	67	23
ZEV Fleet (vehicles)	248,581	1,400,000	4,600,000	12,400,000	31,000,000
ZEV Fleet Growth (%)		463	229	170	150
Chargers Required	20,715	116,667	383,333	1,033,333	2,583,333
Chargers Planned	19,995	52,000	195,000	442,000	727,000

EV Adoption Working Group



- **Lead:** Mayor Dan Carter
- **Objective:** Lead proactive policies and infrastructure investments to support the industry transition to EV and autonomous vehicles.
- **Status:** Two working group meetings to date. Exploring best practices in communities leading consumer EV adoption through municipal policies and by-laws. Drafting best practices report for dissemination.
- **Timeline:** Final report submitted to Auto Mayors January 2024.

Further Information



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