Québec is one of the leading jurisdictions for electric vehicles (EVs) in Canada and has been implementing policies which have proven effective in promoting the adoption of EVs and developing a dynamic EV manufacturing sector.

With 99.6% of its electricity coming from renewable energy, e-mobility is a winning option for Québec, which is also the home of a mature road transportation industry. The government has recently released its 2030 Plan for a Green Economy with new ambitious targets for the decarbonisation of transport.

Country: Canada
Area: 1.668 million km²
GDP: CA$377.04 billion (2019)
Total registered vehicles (all categories): 6.7 million (2019)

- ZEVs on the road: 97,000+ (March 2021)
- EV charging: 6,500 public charging stations, including 700 fast-charging stations

**KEY POLICIES**

- **Fleet transition:** The Government of Québec is taking steps to electrify 55% of the urban bus fleet, 65% of school buses in operation and 40% of the taxi fleet by 2030.
- **Supply chain:** Québec’s newly adopted EV Battery Strategy aims to develop a 100% local battery supply chain starting from the minerals extraction all the way to the battery pack production and the recycling infrastructure.
- **Incentives:** Québec’s Roulez vert program provides financial assistance on the purchase of ZEVs and charging stations at home or at workplaces. The ÉcoCamionnage and Transportez vert programs offer incentives for medium and heavy-duty electric vehicles.
- **ZEV standard:** Gives the government the power to incite car manufacturers to sell or lease a minimum number of zero emission vehicles (ZEVs) through a tradable credits system. Targets increase gradually and are equal to the ZEV mandate in the USA and British Columbia up until 2025.
In 2018, Québec’s greenhouse gas (GHG) emissions were 80.6 million tonnes of carbon dioxide equivalent (MtCO2e). The province has set goals to reduce emissions below 1990 levels:

37.5% reduction by 2030

Carbon neutrality by 2050

44.8% of Québec’s GHG emissions are from the transportation sector (2018)

79.6% of transport emissions are from on-road vehicles

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ZEV market: ZEV adoption in Québec is one of the highest in Canada, having reached nearly 7% of market share at the end of 2020.

ZEV annual sales: the sale of ZEV vehicles is valued at $2.2B, and Québec exports $830M in EV products and services.

ZEV uptake: there was a 316% increase in ZEV registrations between 2017, before the implementation of the ZEV mandate, and the end of 2020.

Job creation: the development of the EV industry has contributed to the creation of 6,240 jobs in companies in the sector.