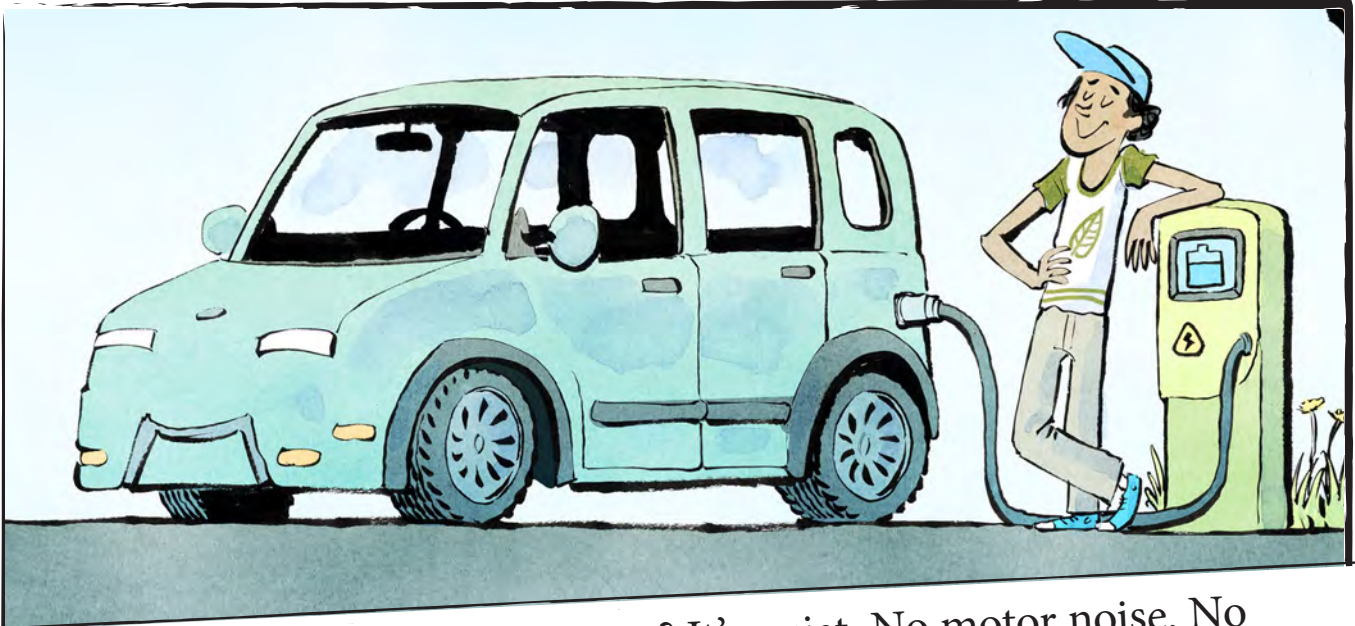


A New Kind of Ride



Ever driven in an electric car? It's quiet. No motor noise. No exhaust spewing out pollution. Instead, this car runs on an electric battery. Plug it in, charge it up, and you are good to go!

Soon we'll all be more familiar with electric vehicles (EVs). Plenty of people will be driving them. It's part of Canada's climate change plan.

"We know we need to cut emissions. We know we need to reduce pollution," said Prime Minister Trudeau. "And one of the best ways of doing that is to get more clean cars on the road."

The government has set targets. By 2026, 20 percent of all new vehicles sold must be EVs. By 2030, this rises to 30 percent. By 2035, all new vehicles will be EVs.

Your family may continue to drive its gas-powered car for a while. But you'll be sharing the road with more EVs.



Some Canadian rail companies are now testing electric locomotives.

Fill 'er up — with electricity

We can't just snap our fingers and switch the country to electric vehicles. A few things need to be in place.

First, we need to have enough EVs for people to buy. They need to be available. At present, that's a problem. If you want to buy an electric vehicle, you might have a long wait.

But carmakers are ramping up production. There are even plans to make electric vehicles at factories in Ontario.

Second, we need to have enough charging stations. Some people will be able to plug in their cars at home. But what about people living in apartment buildings? How do they plug in their cars? Or what about people who are driving on vacation?

You've probably begun seeing public charging stations where you live. We'll need more — all across the country. The government has promised funding for thousands more stations.

Batteries

EVs run on batteries. To make enough batteries, Canada will need a supply of nickel and other minerals. Luckily, Canada has these mineral resources — in the ground. The government plans to invest billions to build mines and refineries.

Sticker price

One reason not everyone is jumping into EVs? They're expensive! Currently, EVs cost more than gas-powered vehicles.

But they are cheaper to run and maintain. Over the long term, they actually cost less.

There are no gasoline costs. That means that as the price of gas rises, EVs look better and better.

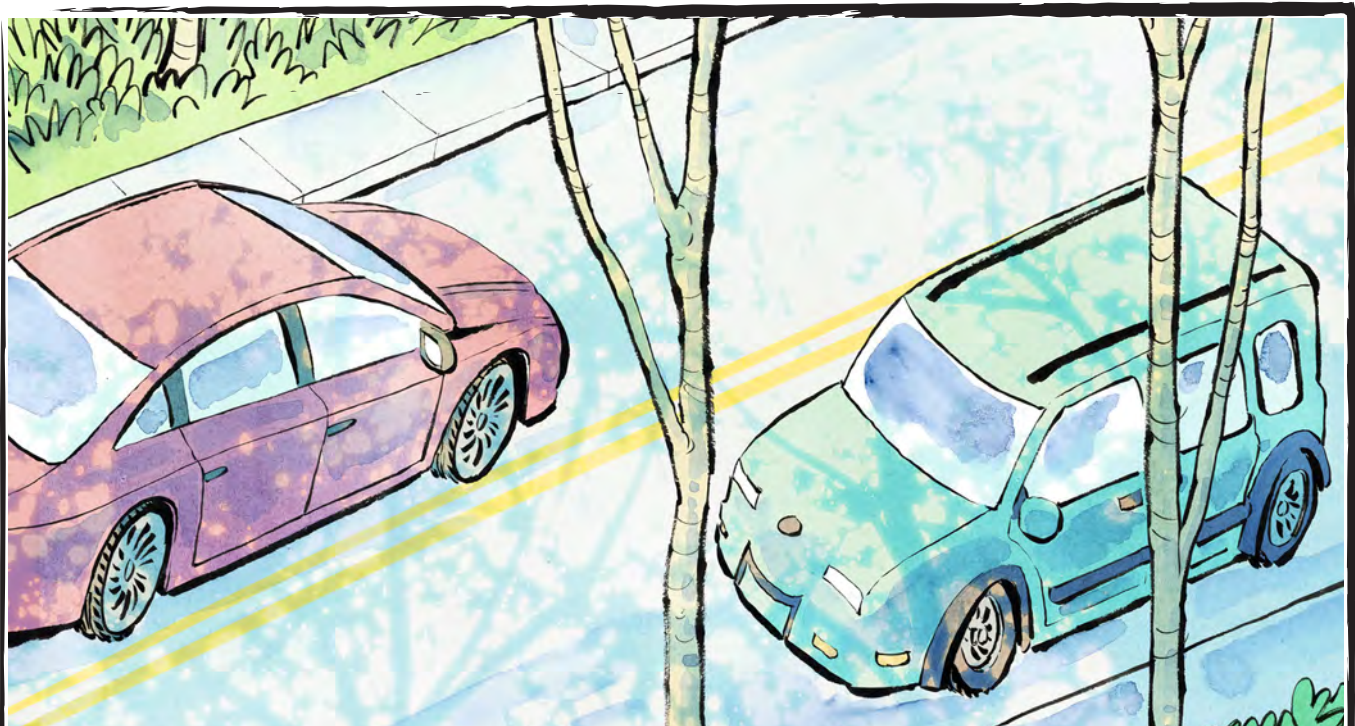
What's the biggest reason to switch to an EV? Look at its exhaust pipe. What? You can't see it? That's because there isn't one.

There's no exhaust. No pollution. No carbon emissions. This is a clean, green machine.

It's our ride into a net-zero future. Buckle up.



As you see it, what is the importance of EVs?



Transportation is the second-highest source of greenhouse gas emissions in Canada, after the oil and gas industry.