

# Learning Brief: Transportation



As of 2020, transportation made up 32.2% of Nova Scotia's greenhouse gas emissions. How we move people and goods around our communities is a significant contributor to climate change. To reduce emissions from the transportation sector, we can:

- Increase use of public transit and other forms of shared mobility, like car and bike sharing.
- Create safer and more accessible active transportation (walking, biking, rolling, etc.)
- Electrify our cars, buses, and ferries
- Plan more walkable, dense communities
- Change our behaviour around how we move.

In order to meet Nova Scotia and Halifax Regional Municipality's (HRM's) goal of net-zero emissions by 2050, we need to rethink our transportation system and how we get around.



## Ongoing work in Nova Scotia

There are many efforts currently underway across the province that are helping green the transportation industry. Here are some examples of the work that's being done:

- Communauto Car Share Program
- HRM's greenway and bicycle network plan
- EV4U's pilot shared EV program
- Various e-scooter rental companies
- Development of a province-wide bike trail called the Blue Route
- EV charger installations
- Exploring electric ferries and buses for Halifax and Cape Breton Transit
- Zen Electric bikes on Mount Saint Vincent University's campus

Questions? Contact Us:

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More Information:

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## The Nova Scotian Context

Nova Scotia has set some of the most ambitious greenhouse gas emissions reduction goals in the country. This means a minimum 53% decrease in emissions from 2005 levels by 2030, and net-zero by 2050.

Included in the Nova Scotia Climate Change Plan and Halifax's HalifACT plan are goals to reduce emissions in the transportation industry.

For HRM, this includes installing public charging, transitioning the municipal fleet to electric vehicles and implementing supportive policy to make Halifax an EV-ready city. In the last quarter of 2023, EVs made up 5% of new car sales, a significant increase from 1% in 2021.

For the province, this means furthering our understanding of electric vehicles as storage and backup power, increasing access to community transportation services, long-term planning that creates walkable communities, and connecting and developing active transportation networks across communities.

All of these goals require creative, driven, and inspiring leaders to take on these projects. We hope you can be one of these leaders!



## Questions to consider:

- How can we encourage people to use more public and active transportation?
- How do we increase the availability and use of shared transportation options (e.g., car share, bike share)
- How do we make EV charging accessible to those without private charging stations (e.g., people in apartment buildings)
- How do we accelerate the development of a public EV charging network?
- How can we increase the efficiency of commercial transportation (e.g. retail delivery vehicles) through electrification, logistics, and fleet management?
- How do we encourage walkable communities where people can live, work, and play without needing a car?



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