



Where do our emissions come from? And how can we take action, together?

In Beaconsfield, climate solutions come from both individual and collective choices.

[Our Greenhouse Gas \(GHG\) Reduction Plan](#) gave us a clear picture of where our emissions come from and where our actions can have the greatest impact. Thanks to a detailed inventory, using 2017 as our reference year, we now know exactly where to focus our efforts to make the biggest difference.



What Are Greenhouse Gases?

Greenhouse gases, like carbon dioxide (CO₂) and methane, trap heat in the atmosphere. They come from our transportation, heating, food and everyday consumption.

Too many GHGs = a disrupted climate

Fewer GHGs = a safer, healthier future

Where Do Our Emissions Come From?

1.6%
of total emissions



Municipal Emissions
(City's operations)

- 44%
by 2030



Municipal activities generate only a small share of emissions, but the City has set an ambitious target

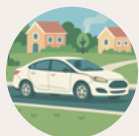
Main municipal sources

59%



Natural-gas heating in municipal buildings

37%



Municipal vehicle fleet

What the City is doing:



Cleaner, More Efficient Buildings

- Major energy-efficiency upgrades at the Recreation Centre and Public Works
- The future Cultural Centre has been designed with renewable materials and high-efficiency systems to support strong environmental performance, long-term durability and climate resilience.



A Greener Vehicle Fleet

- Installing auto stop-start systems on select trucks
- Operating a fully electric ice resurfacer
- Progressively replacing combustion-engine vehicles as they reach end of life (54 gas vehicles remain in the fleet)

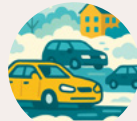


Policies That Support Cleaner Air and Safer Streets

- Drinking Water Use By-law to protect a vital resource
- Idling By-law to improve local air quality
- Traffic-calming measures for safer residential streets

98.4%

of total emissions



Community Emissions
(residents and businesses)

This is where each of us can make a meaningful difference.

Main community sources :

74%



Automobile transportation

24%



Residential and commercial heating using gas or fuel oil

Community reduction targets:

- 14%

by 2030

- 23%

by 2040



Did You Know?

A resident of Beaconsfield emits an average of 2.5 tonnes of CO₂ per year, less than half the Montreal average (5.5 t/person). This means we're already on the right track, but the next reductions will be more challenging. We will need to innovate: electrify vehicles, improve building efficiency, green our habits and landscapes.

What you can do, as a resident or business owner:

Transportation

- Accelerate vehicle electrification through federal and provincial incentives
- Adopt eco-driving habits, such as reducing idling and driving more smoothly

Residential and Commercial Heating

- Switch to electricity: replace oil or gas systems with clean electric options
- Improve home efficiency: insulate, seal, upgrade windows, renovate smartly

Switching from oil to electricity can reduce your heating emissions by up to 98%. Improving efficiency saves energy and reduces bills.



Individually, each action helps reduce emissions.

Collectively, each change creates lasting impact.

By acting together, we can build a Beaconsfield that is: lower in carbon, more resilient and healthier for current and future generations.