

Where We Want to Be

Through the CEEP development process, a vision, goals and targets will be established that describe where we want Cumberland County to be in 2030 and 2050 with respect to energy efficiency, energy sources, and our impact on climate change. This process will take place from May 2024 to December 2024 and will involve the Municipality of the County of Cumberland staff and Council, key stakeholders and community members.

How to Get There

The CEEP will define strategies, policies and measures that will help the community reach its vision, goals and targets. Although the CEEP will focus on policies and measures for the municipal government to undertake, it will be imperative for residents, businesses and other organizations in Cumberland County to do their part in achieving the vision, goals and targets.

What can residents, businesses and organizations do now?



Renovate old buildings to be energy efficient

Replace old furnaces and hot water tanks



Install solar panels for hot water, geo-exchange systems for heat, or other alternative energy systems
Walk, bike or ride transit whenever possible



Make sure your next vehicle is fuel efficient, or get a hybrid or electric vehicle



Shop locally as much as possible
Choose products with minimal or reusable packaging



More Information

For more information about the Community Energy and Emissions Plan, please visit our CEEP webpage at

<https://www.cumberlandcounty.ns.ca/energy-and-emissions-plan.html>

or contact:

Steve Ferguson

Senior Advisor,
Climate Change and
Special Projects

sferguson@
cumberlandcounty.ns.ca

Glen Boone

Director,
Development and
Planning

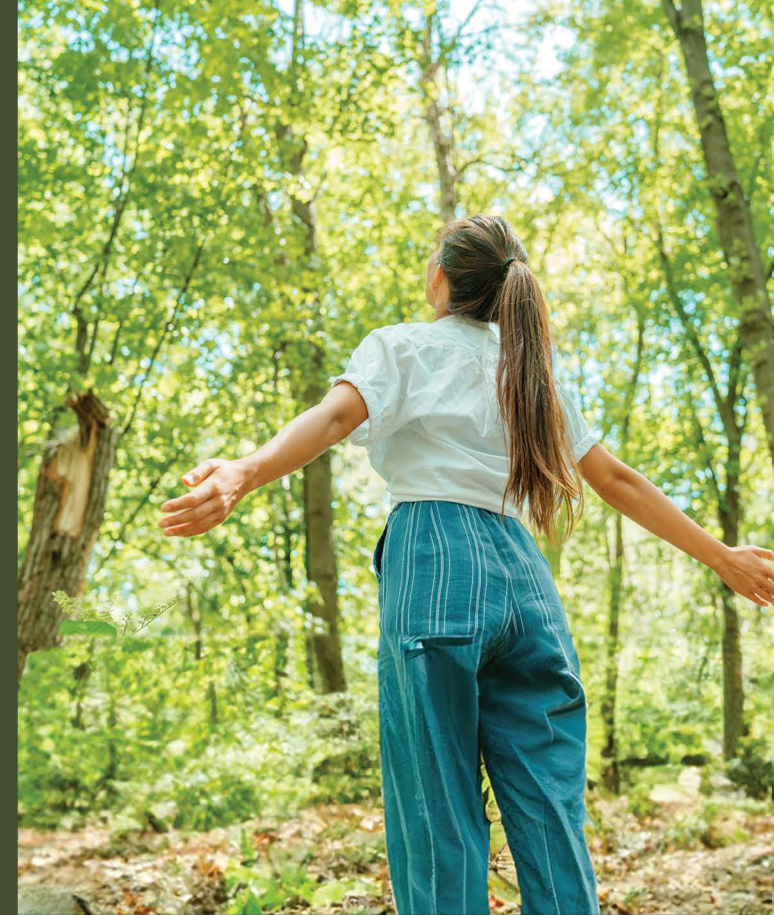
gboone@
cumberlandcounty.ns.ca



WE WANT TO HEAR FROM YOU!

Your feedback is essential. We invite you to share your thoughts, concerns, and ideas about energy use and sustainability in our community through our survey, which can be accessed at the link and/or QR code.

Survey link: <https://www.surveymonkey.com/r/YWLSCT9>



COMMUNITY ENERGY & EMISSIONS PLAN



What is a Community Energy and Emissions Plan?

A Community Energy and Emissions Plan (CEEP) guides the community's priorities and efforts to reduce greenhouse gas (GHG) emissions and energy consumption, and identifies how to support activities that reduce our daily impacts at home, at work, and in between.

Cumberland County's CEEP will define:

- Where we are
- Where we want to be
- How to get there

Why create a Community Energy & Emissions Plan?

In the future it will be our children who live, work and play in Cumberland County and we want to ensure that our community continues to be a great place to call home. The decisions we make today about energy and emissions related to our homes, businesses and transportation will affect future generations.

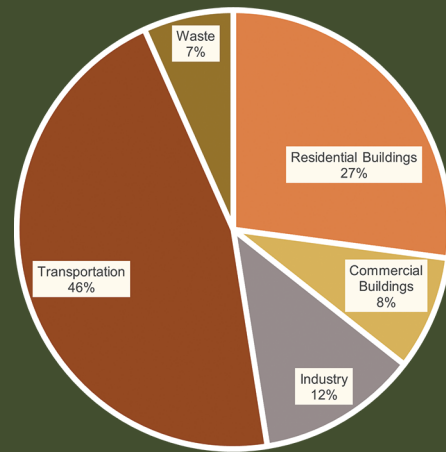
The Municipality of the County of Cumberland is committed to helping the community reduce its contribution to climate change. The CEEP describes a course for the community to achieve this commitment. There are many additional benefits to taking action to reduce energy consumption and GHG emissions, including:

- Reducing energy costs for the community (for residents and businesses);
- Reducing vulnerability to energy markets through reduced reliance on fossil fuels;
- Creating local economic development opportunities in energy efficiency and green energy;
- Supporting the community's goals for creating a livable, complete, green, planned, prosperous, and involved community.

Where We Are

The first step in creating a CEEP is to understand what activities we do consume energy, how much energy we do use, and how much GHG emissions we create because of those activities. This is called an energy and emissions inventory. The inventory for 2023 shows that residents and businesses consumed over 3.4 million Gigajoules of energy - mostly in the form of electricity, heating oil, gasoline, and diesel fuel. This led to a total of 314,000 tonnes of carbon emissions, or about 16 tonnes per person.

The 2023 GHG emissions inventory breaks down as follows: The 2023 GHG emissions inventory breaks down as follows:



Buildings: 35% of our GHG emissions come from heating, cooling and powering our buildings. The majority of these GHG emissions are from consumption of heating oil and electricity with the remaining from combustion of propane, natural gas, and wood.

Transportation: 46% of GHG emissions come from using fossil fuels in on-road, off-road, waterborne and aviation vehicles. 98% of these transportation GHG emissions are related to on-road vehicle fuel consumption which is directly related to moving people and goods for businesses.

Industry: The County encompasses a large area and a variety of land uses and industries: agriculture (both small and large), mining, forestry, manufacturing, renewable energy generation, housing, recreation, cottaging, offices, retail, and tourism are included in this category. Many of these activities release non-energy GHG emissions (e.g., livestock release methane, a potent GHG) because of the activities and processes that occur. For the 2023 reporting year, industry activities accounted for 12% of community GHG emissions.

Waste: Waste does not directly consume energy but when deposited into landfills, composted, or treated (like wastewater), the organic materials can decompose and release methane which is a potent greenhouse gas emission. For the 2023 reporting year, the County's waste contributed approximately 7% to the community's overall GHG emissions.

Land Sequestration: Natural assets are natural resources and/or ecosystems that contribute to health, well-being and long-term sustainability of the community and its residents. These include urban trees and forests, wetlands, water bodies, and wilderness corridors, which can act as carbon sinks. It is estimated that the County's natural assets sequestered and stored approximately 488,000 tCO₂e - a value that exceeds the community's current estimate of greenhouse gas emissions (314,000 tCO₂e) resulting from energy consumption, industrial activities and waste generation.

