

2016 Peel Community GHG Inventory Update

Background

Why it matters?

The development of a community greenhouse gas (GHG) inventory is a key step for moving towards a low carbon community as it provides context about emission sources to inform climate change emissions mitigation planning and reporting.

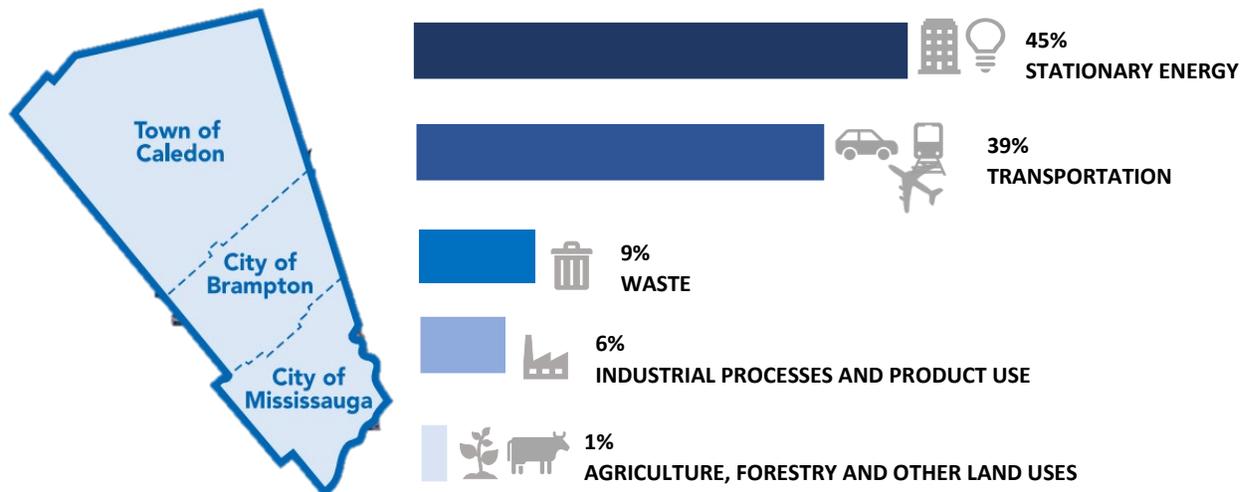
The inventory compares 2016 emissions to 1990 levels to align with the Region's target to reduce emissions to 80% below 1990 levels by 2050, although the recent science-based target from the Intergovernmental Panel on Climate Change is to be carbon neutral by 2050.

How was it developed?

The 2016 Peel Community Inventory update was developed using the Global Protocol for Community-Scale Greenhouse Gas Emission Inventories (GPC). The GPC is a robust, transparent and globally-accepted framework to consistently identify, calculate and report on municipal GHGs, such as emissions released within municipal boundaries as well as those occurring outside as a result of activities taking place within the municipality.

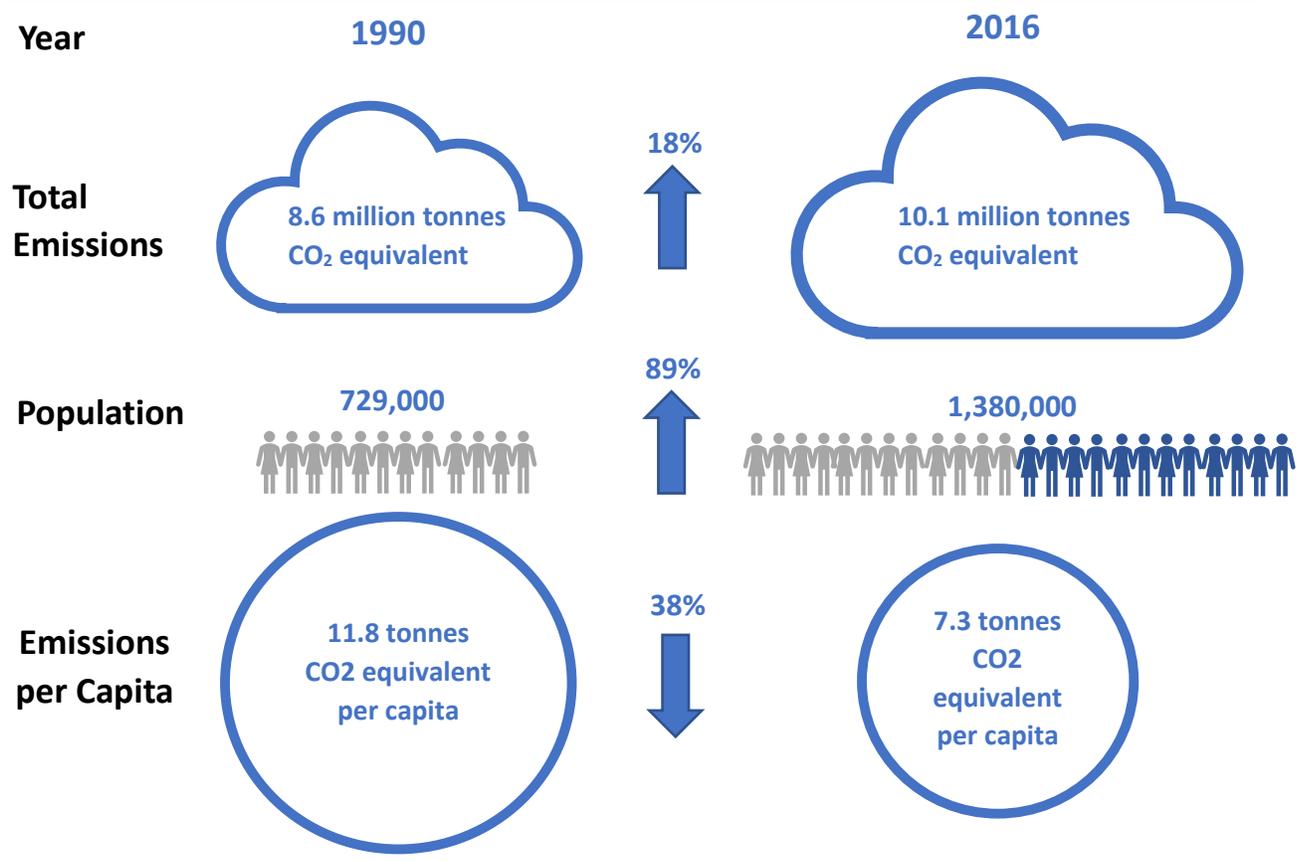
The year 2016 was selected as the update year based on the availability of data such as data from the National Inventory Report and most recent Census results.

2016 Peel GHG Emissions by Sector



TOTAL GREENHOUSE GAS EMISSIONS: 10.1 MILLION TONNES CO₂ EQUIVALENT

Trends



Next Steps

Inventory information will be shared with relevant stakeholders to inform future target setting, action planning and implementation aligned with Peel’s Climate Change Partnership Low Carbon Strategy.

The inventory is recommended to be updated in future years to inform progress towards reducing emissions, and to continually inform future actions. Consideration to map out the emissions geospatially is also recommended.

