



Climate Change Update

December 2021

Members



Mission



Hamilton & Burlington

NET ZERO

Communities By

2050



Overview:

1. Current milestones
2. Future Opportunities





Transportation

20% of Emissions

Improve Modal Split

Reduce Vehicle KMs Traveled

Increase Zero Carbon Vehicle Uptake
(avg. 5% annually in all classes of vehicles)



Buildings

18% of Emissions

Retrofit Existing Buildings

(avg. 5% annually to achieve 50% energy savings)

Build New Buildings to Zero Carbon Standard by 2030



Industry

60% of Emissions

Reduce Local Emissions without Carbon Leakage
(avg. 5% annually)

Municipal Retrofit Program

- Need to make retrofits affordable to homeowners
- Our proposal for a municipal retrofit program lists how Hamilton and Burlington can support residents based on:
 - Landscape Analysis
 - Cost Benefit Analysis
 - Local Context Analysis



Green Fleet Strategy

- 18% fleet emission reduction by 2024
- 90% fleet emission reduction by 2035
- NRCAN Zero-Emission Vehicle grant
 - \$300K for EV charging stations



Revitalizing Hamilton Tax Increment Grant (RHTIG) Program

- The City updated its grant requirements to include climate change criteria
- BACCC helped staff navigate the various green certifications



Overview:

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2. Future Opportunities



Green Development Standards

- Update building standards for future developments to improve new builds
- Goal: net zero standard



Improved Low Carbon Transportation

- Low carbon modes of transportation:
 - Public transit
 - Cycling
 - Walking/mobility devices
- Current Initiative: Policy report to make these modes of transportation more safe, reliable, and convenient



Transportation
20% of Emissions

Industrial Emissions Reduction through Innovation

- Hydrogen and the decarbonization of industry
- Local feasibility and funding support





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Thank You