



Climate Action in Burlington

Planning for a carbon neutral community

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Presentation Outline

- Updates to the CAP
- Recommended targets
- Program areas
- What will it take?
- Role of Burlington
- Implementation
- Funding
- Next steps
- Climate Action Plan benefits

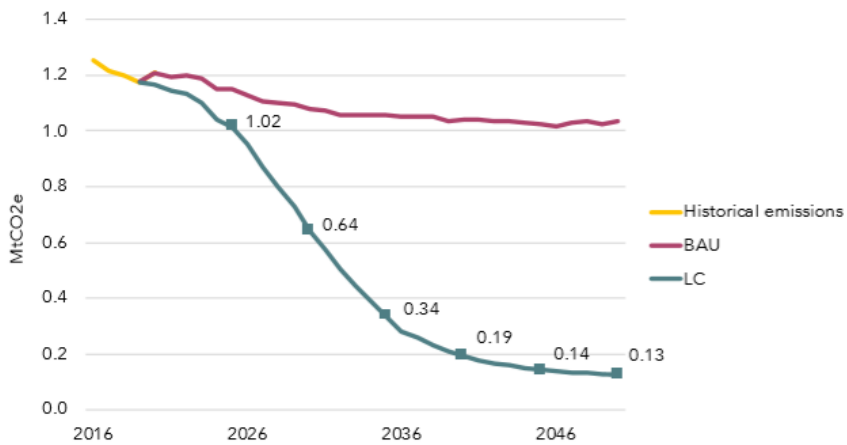


Updates to the Plan

- Targets – interim 2030 and 2050
- Milestones
- Implementation & funding options
- Information on trees
- Partnerships & collaboration



Annual GHG Emissions for Burlington BAU & Low Carbon Scenario



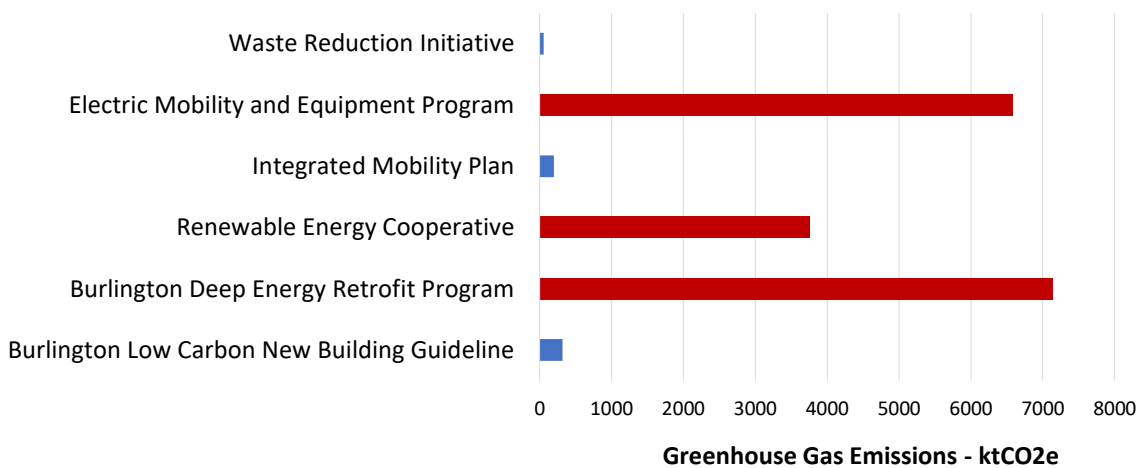


Climate Action Plan Mitigation of GHG emissions

1. Low Carbon New Buildings
2. Deep Energy Retrofit Program (existing buildings)
3. Renewable Energy Co-operative
4. Integrated Mobility Initiatives
5. Electric Mobility & equipment
6. Waste Reduction
7. Industry

Recommended Program Areas

GHG Reduction Potential by 2050





Deep Energy Retrofit Program



Renewable Energy Co-op



Electric Mobility & Equipment

Carbon Neutral - What will it take?

Action	2030	2050
Total Dwelling Retrofits (residential)	52,000	65,000
Retrofits (non-residential)	2.0 million M ²	2.7 million M ²
Net metered rooftop solar	115 MW	255 MW
Ground mounted solar	72 MW	182 MW
% of new vehicles as EV	100%	100%
% total vehicles as EV	50%	100%

Numbers in table are cumulative



Role of Burlington

- Organizer – capacity builder
- Collaborator
- Community engagement – education & awareness
- Lead by example
- Processing permits & approvals
- Advocacy – senior levels of government
- Programs, incentives, regulator & funder



Implementation Structure

- Staff Lead
- Stakeholder Advisory Committee
- 3 Task Teams – Energy Retrofits; Renewable Energy & Electric Mobility & Equipment
- Partnerships & Collaborations
 - Bay Area Climate Change Office/Council
 - Halton Climate Collective
 - Clean Air Partnership & Council
 - QUEST
 - The Atmospheric Fund



Funding

- Budget 2021 process
- External funds
 - FCM
 - TAF
 - Investment Readiness Portal
 - NRCan
 - 3rd party investments, sponsorships
 - Other?



Community Engagement

- Collaboration - Partnerships
- Information sharing
- Education
- School engagement
- Special events
- Community actions



Next Steps



- Build capacity to develop & implement programs
 - Deep energy retrofit program
 - Renewable energy program
 - Electric mobility & equipment
- Climate Adaptation Plan



CAP Benefits

- Improving energy efficiency
- Energy dollars stay in community
- Local air quality improves
- Improvements in building comfort
- Economic development – investment in jobs
- Reducing our impact on climate change
- Low carbon resilient community
- Improving Burlington's brand



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Environment, Infrastructure and Community Services
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