

2022 Climate Change Work Plan Status Update

Initiative	Accomplishments	Next Steps
<p><b><i>Develop a Town of Milton Fleet Strategy.</i></b> Review fleet operations and to include an electrification strategy for all Town fleet including transit</p>	<ul style="list-style-type: none"> <li>Capital project approved for 2022</li> <li></li> </ul>	<ul style="list-style-type: none"> <li>The final report is anticipated 2023 to inform the 2024 budget</li> </ul>
<p><b><i>Review feasibility of renewable /alternative energy system at Mattamy National Cycling Centre.</i></b> Investigate the installation of solar and/or other alternative energy supply and retrofit</p>	<ul style="list-style-type: none"> <li>Capital project approved for 2022</li> </ul>	<ul style="list-style-type: none"> <li>Work was deferred until 2023</li> </ul>
<p><b><i>Review and Update Community and Corporate Energy Plans:</i></b> Continue to further research, develop and plan for future strategies to allow for both plans to achieve energy reduction targets of 6% community and 20% Town</p>	<ul style="list-style-type: none"> <li>The initial Milton Green Innovation Plan is the flagship program for the Town's commitment to responsible energy management and development. An update to this plan is in process and being done in a coordinated approach with the Official Plan update to expand climate change resiliency and adaptation</li> </ul>	<ul style="list-style-type: none"> <li>Scope of work will be developed to address energy data collection, administration and action plans. Work involves improving energy efficiency at all facilities, energy retrofit feasibility studies, monitoring and reporting, facilities staff training and engagement. Will also include a variety of initiatives for local community groups such as community gardens, pollinator gardens and clean up days.</li> </ul>
<p><b><i>Electric Vehicle Charging Station.</i></b> Develop and implement EV charging systems at designated Town</p>	<ul style="list-style-type: none"> <li>Research on-going</li> </ul>	<ul style="list-style-type: none"> <li>Local plans are being considered pending various study results and will be coordinated with the Fleet Strategy. Report to inform potential Electric Mobility</li> </ul>

Initiative	Accomplishments	Next Steps
facilities to support future Town fleet additions		Strategy for corporate and or public use.
<b><i>Implementation of the Urban Forestry Management Strategy (COMS-009-21):</i></b> Continue to coordinate and enhance the Town's forestry management program	<ul style="list-style-type: none"> <li>• Treating, removing and replacing urban ash trees in response to Emerald Ash Borer.</li> <li>• Trees plantings with cooperation from community groups.</li> </ul>	<ul style="list-style-type: none"> <li>• On-going efforts to engage the community in tree plantings.</li> </ul>
<b><i>Community Garden Expansion at Sunny Mount Park</i></b>	<ul style="list-style-type: none"> <li>• Fencing and water supply complete</li> <li>• Garden shed installation</li> </ul>	<ul style="list-style-type: none"> <li>• Spring 2023 - Horticultural Society to build the raised beds (48 additional plots)</li> </ul>
<b><i>Single Use Plastics Review:</i></b> Continue with efforts to reduce and/or eliminate single use plastics by conducting a municipal scan to better understand and learn from other municipalities who have implemented various programs; review usage and options to reduce and/or eliminate in Town programs	<ul style="list-style-type: none"> <li>• Council report completed - direction to eliminate foodware, plastic straws and cutlery from Town-run concessions after the current inventory is utilized (COMS-010-21)</li> </ul>	<ul style="list-style-type: none"> <li>• Alternatives to single-use beverage plastics at concessions and vending machines will be explored through the Halton Cooperative Purchasing Group including working with suppliers to determine options and market readiness for alternative solutions and considerations for upcoming changes in recycling standards and practices, costing of alternatives and risk/health and safety considerations</li> <li>• Further review for use of single-use plastics in Town programs (i.e. craft supplies) to take place</li> <li>• Completion of a municipal scan re: single use plastics utilized by the general public in Town facilities (i.e. third-party rentals and special events)</li> </ul>
<b><i>Continue to build upon renewable energy sources where</i></b>	<ul style="list-style-type: none"> <li>• Installation of solar panels at the Sherwood Community Centre</li> </ul>	<ul style="list-style-type: none"> <li>• System is operational and can satisfy building electrical demand.</li> </ul>

Initiative	Accomplishments	Next Steps
<i>opportunities are available</i>		
<i>Pursue grant funding opportunities where the business case aligns with corporate priorities</i>	<ul style="list-style-type: none"> <li>Zero Emissions Transit Fund submitted Q2 2022 and approved Q3 2022</li> </ul>	<ul style="list-style-type: none"> <li>On-going</li> </ul>
<i>Continue with the implementation of the Partners for Climate Protection milestones:</i> creating a GHG emissions inventory and setting an emissions target	<ul style="list-style-type: none"> <li>Inventory and data collection in progress</li> <li>Staff training on the PCP Program through FCM</li> </ul>	<ul style="list-style-type: none"> <li>Initial submission to program for review and comment.</li> </ul>
<i>Building upon the Green Inventory Plan review, enhance and update sustainable planning policies where applicable</i>	<ul style="list-style-type: none"> <li>Official Plan review and update ongoing</li> </ul>	<ul style="list-style-type: none"> <li>Main drivers of sustainability and green initiatives, which are a strong focus of the policy work being done in this regard, to include intensification and transportation</li> </ul>
<i>Continuing work with community groups and external partners (i.e. Sustainable Milton, Halton Environmental Network)</i>	<ul style="list-style-type: none"> <li>On-going engagement and partnership programs</li> </ul>	

**2023 Climate Change Work Plan**

Initiative	Details
Milton Official Plan Policy Update	<ul style="list-style-type: none"> <li>Insert policies into the new Official Plan to encourage efficient development that optimizes land and resources leading to more sustainable communities that minimize adverse environmental impacts.</li> </ul>
Battery Electric Bus (BEB) Project	<ul style="list-style-type: none"> <li>2023 budget request - This pilot program implements a mid-life refurbishment and propulsion conversion of one (1) 12 metre, conventional bus from diesel to electric. Budget for the BEB Pilot Program includes the removal of diesel-powered systems replaced with battery-electric systems for vehicle and non-vehicle infrastructure.</li> </ul>
Fleet Strategy	<ul style="list-style-type: none"> <li>Review fleet operations and develop electrification strategy for fleet vehicles as appropriate including transit. This project is underway and expected to be complete in Q2 and will inform the 2024 budget as appropriate.</li> </ul>
Feasibility of renewable / alternative energy system at Mattamy National Cycling Centre	<ul style="list-style-type: none"> <li>Investigate the potential installation of solar and/or alternative energy supply and retrofit. This work has been deferred to 2023 and will inform the 2024 budget process pending the results of the feasibility study.</li> </ul>
Community and Corporate Energy Plans.	<ul style="list-style-type: none"> <li>Continue to further develop, research and plan for future strategies to provide strategies to reduce emissions and allow for both plans to achieve reduction targets of 6% community and 20% town on a per capita basis.</li> </ul>
Electric Vehicle Charging Stations	<ul style="list-style-type: none"> <li>Complete the Town of Milton Fleet Strategy Report to inform potential Electric Mobility Strategy for corporate.</li> </ul>
Implementation of the Urban Forestry Management Strategy	<ul style="list-style-type: none"> <li>As outlined in COMS-009-21 'Urban Forestry Management Strategy 2015-2024', continue to coordinate and enhance the Town's forestry management program.</li> </ul>
Community Based Activities and Events	<ul style="list-style-type: none"> <li>Expand efforts to engage the community, other stakeholders and partners to support various forestry and environmental initiatives. This includes events such as Earth Day Clean-Ups, Earth Week Clean-Ups, Spring Planting Days and Fall Planting Week.</li> </ul>