



The Corporation of the Town of Milton

Report To: Council

From: Kristene Scott, Commissioner, Community Services

Date: November 16, 2020

Report No: COMS-007-20

Subject: 2021 Climate Change Work Plan

Recommendation: That the proposed 2021 Climate Change work plan be approved in principle, with implementation being subject to Council approval of the related funding (where applicable) through the 2021 Budget process.

That the FCM-ICLEI resolution to join the Partners for Climate Protection Program (attached as Appendix 1) be approved by Council, and that the Mayor and Clerk be authorized to sign any related resolution or documentation.

EXECUTIVE SUMMARY

Council approved report COMS-001-20 “Climate Change – Corporate Initiatives & Update” on April 27, 2020, which provided an overview of how the portfolio of climate change was being managed, current gaps and opportunities, a list of ‘green’ initiatives the Town of Milton completed or was in the process of completing, and a proposed 2020 work plan which Council subsequently approved.

As part of the commitment to becoming a member of the Partners for Climate Protection, Council must approve the resolution as outlined.

This report provides a status update on the 2020 work plan and the proposed 2021 Climate Change work plan.

REPORT

Background



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The table below provides an update on progress of the 2020 work plan. Some priorities and timelines have been adjusted due the pandemic.

Table 1 - Status Update - 2020 Climate Change Work Plan

Initiative	Details	Status/Timeline
Become a member of the Partners for Climate Protection (PCP)	<p>Commit to the 5 milestones identified by FCM (Details listed on Appendix 2)</p> <p>This report is requesting Council approval of the FCM-ICLEI resolution to join the Partners for Climate Protection Program. Once completed, staff are able to pursue completion of the milestones.</p>	November 2020
Launch the 'Environment' web page on the Town of Milton site	Create public awareness regarding Town activities and plans and provide educational material to residents.	Complete
Increase Public Engagement	<p>(a) Utilize the Let's Talk Milton platform as a portal to provide interested residents an opportunity to participate in conversation, ask questions and share information</p> <p>(b) Host an Environment/Climate Change open house at Town Hall</p> <p>(c) Post town-supported environmental initiatives on the event calendar (i.e.: Good Neighbours Day)</p>	<p>Spring 2021</p> <p>TBD</p> <p>Ongoing</p>
Corporate Initiatives	<p>Continue implementation, coordination and pursuing opportunities consistent with work completed.</p> <p>i.e.: LED lighting at Sports Centre and Leisure Centre, and recently approved agreement with Milton Energy and Generation Solutions (MEGS) CORS-052-20 for a solar installation at Sherwood, building envelope upgrades.</p>	Ongoing



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Council Information	As per Council directive, provide a report about transitioning the Town's fleet to electric vehicles where possible.	Fall 2021
Council Information	As per Council directive, provide a report regarding what the Town of Milton can do to strongly encourage the development community to include EV charging stations in future medium to high-density applications.	This is being addressed through the Official Plan update, and secondary plan processes

In addition to items identified in the 2020 work plan, staff also spent significant time building relationships with Milton Hydro, Enbridge Gas and special interest groups to pursue and discuss opportunities for further collaboration and partnerships. This will continue to be an area of focus moving forward as these types of relationships of invaluable in the pursuit of our common goals.

Discussion

Building upon previous accomplishments, available capacity and focused coordination, the 2021 work plan will be completed using existing resources. Staff will be encouraged to take advantage of all training and education opportunities that directly impact work programs and develop their ability to effect change as technology changes and new information becomes available. Research and initiation of additional environment, climate change mitigation and adaptation opportunities are subject to available capacity.

Re-alignment of three divisions within the Community Services Department has resulted in the creation of the Facilities, Operations & Environment Division. In addition to the overall corporate coordination of climate change and sustainability, this division oversees many of the portfolios that impact climate change including: fleet, forestry & horticulture, parks and roads maintenance, facility design, energy consumption and operations.



The 2021 Climate Change proposed work plan was developed in coordination with the priorities outlined in the recently approved Council - Staff Work Plan and work identified and carried over from 2020.

Table 2 - 2021 Climate Change Proposed Work Plan

Initiative	Details
Continue with the implementation of the Partners for Climate Protection milestones	<ul style="list-style-type: none"> ➤ The focus for 2021 will be on creating a GHG emissions inventory and setting an emissions target.
Environment	<ul style="list-style-type: none"> ➤ Continue to advocate for forestry / tree canopy health ➤ Continue to build upon renewable energy sources where opportunities are available ➤ Continue to implement climate change lens application to all work plans, capital works, operational activities and events ➤ Pursue grant funding opportunities where the business case aligns with corporate priorities ➤ Building upon the Green Innovation Plan, sustainable planning policies will be reviewed, enhanced and updated where applicable
Public Engagement	<ul style="list-style-type: none"> ➤ Utilize the Let's Talk Milton platform as a portal to provide interested residents an opportunity to participate in conversation, ask questions and share information ➤ Post town-supported environmental initiatives on the event calendar (i.e.: Good Neighbours Day) ➤ Continue working with community groups and external partners (i.e.: Sustainable Milton, Halton Environmental Network)



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	<ul style="list-style-type: none">➤ Maintain strategic relationships with Milton Hydro and Enbridge Gas➤ Facilitate, participate and promote community led initiatives
Projects	<ul style="list-style-type: none">➤ LED light conversion at Mattamy National Cycling Centre➤ LED light conversion for two arenas at the Milton Sports Centre➤ Introduce green lens into the 2021 Facility Condition Audit to inform the 10 year capital forecast for existing assets➤ Introduce and test the Climate Lens tool from the Clean Air partnership as part of capital and maintenance programs
Council Information	<ul style="list-style-type: none">➤ Council report including recommendations for transitioning the Town's fleet to electric vehicles where possible➤ Report to Council via the Official Plan update and secondary plan processes regarding opportunities available to strongly encourage the development community to include EV charging stations in future medium to high-density applications.



Financial Impact

The LED conversions are included in the 2021 capital budget and are subject to Council approval, as is funding for the 2021 Facility Condition Audit initiative. In addition, funding may be available to support climate change and sustainability opportunities that may arise throughout the year in alignment with the Council-Staff Work Plan as part of the related capital project budget for 2021. Council's deliberation of these budget requests is anticipated to occur on December 7, 2020.

Respectfully submitted,

Kristene Scott
Commissioner, Community Services

For questions, please contact: Doug Sampano

Phone: Ext. 2547

Attachments

Appendix 1 – Climate Change Work Plan
Appendix 2 – Partners for Climate Protection – 5 Step Milestone Framework

CAO Approval
Andrew M. Siltala
Chief Administrative Officer

Council Resolution to Join the FCM-iCLEi Partners for Climate Protection Program

WHEREAS The Federation of Canadian Municipalities (FCM) and ICLEI-Local Governments for Sustainability (ICLEI Canada) have established the Partners for Climate Protection (PCP) program to provide a forum for municipal governments to share their knowledge and experience with other municipal governments on how to reduce GHG emissions;

WHEREAS over 350 municipal governments across Canada representing more than 65 per cent of the population have already committed to reducing corporate and community GHG emissions through the PCP program since its inception in 1994;

WHEREAS the PCP program is based on a five-milestone framework that involves completing a GHG inventory and forecast, setting a GHG reduction target, developing a local action plan, implementing the plan, and monitoring progress and reporting results;

BE IT RESOLVED that the municipality of Town of Milton review the guidelines on PCP Member Benefits and Responsibilities and then communicate to FCM and ICLEI Canada its participation in the PCP program and its commitment to achieving the milestones set out in the PCP five-milestone framework;

BE IT FURTHER RESOLVED that the municipality of Town of Milton appoint the following:

- a) Corporate staffperson (Name) Doug Sampano
(Job Title) Director, Recreation & Facilities
(Contact number) 905-878-7252 ext. 2547
(Email address) Doug.sampano@milton.ca

- b) Elected official (Name) Mayor Gordon A Krantz
(Job Title) Mayor, Town of Milton
(Contact number) 905-878-7252 ext. 2100
(Email address) Gordon.krantz@milton.ca

To oversee implementation of the PCP milestones and be the points of contact for the PCP program within the municipality.

Signature
Date

COMS-007-20 Appendix 2 Partners for Climate Protection - 5 Step Milestone Framework (FCM)

- I. **Create a GHG emissions inventory and forecast** – helps track emissions and spending, gathers money-saving information and measures progress over time.
- II. **Set an emissions reduction target** – sets the tone and direction for emission reduction efforts. Reduction targets vary across the Region, however PCP recommend setting a goal of a 20% reduction in corporate emissions over a ten year period and a 6% reduction in community emissions.
- III. **Develop a local action plan** – outlines how the municipality will achieve its emissions reduction target through municipal operations and community-based initiatives.
- IV. **Implement the Local Action Plan** – integration in to existing municipal plans and policies; linkage to future budgets; a clear implementation schedule and communication of progress helps ensure community support.
- V. **Monitor progress and report the results** – monitoring helps to determine whether initiatives are working and whether the target will be achieved. Reporting can connect with stakeholders and funders to solidify support for future initiatives