
To: Members of the SP Coordinating Committee

From: Melanie Kawalec, Sustainability Manager

Meeting Date: October 28, 2016

Subject: GPA CCAP Project Update – October 2016

Purpose

A report to update the Sustainable Peterborough Coordinating Committee on the Greater Peterborough Area (GPA) Climate Change Action Plan (CCAP).

Recommendation

That the GPA CCAP Project Update Report of October 2016 be received for information.

Budget and Financial Implications

There are no budgetary or financial implications associated with this report.

Update

a) CCAP Implementation Coordinator

Kaitlyn Ittermann began her role as the CCAP Implementation Coordinator on October 3, 2016. Lura Consulting hired Kaitlyn on a one-year contract. Her office is located at the County of Peterborough beside Sheridan Graham. I will be acting as her immediate supervisor and directing her work plan. Her contact information is:

Kaitlyn Ittermann, CCAP Implementation Coordinator
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Cell phone: 705-872-8174

b) CCAP Milestone 2 & 3 Report

Jeff Garkowski of Lura and I have presented the CCAP Corporate and Community Report for Milestone 2 and 3 – GHG reduction target and local action plan to Trent Lakes and Douro-Dummer. Both have passed a supporting Council resolution to adopt both Corporate and Community Targets and associated local action Plan. City, County and 6 other Townships are schedule between early November to mid December.

c) CCAP GHG Reduction Targets for Corporate & Community Sectors

Where Do We Stand with Our GHG Reduction Targets?		
The Climate Change Action Plan aims to align reduction targets with national and provincial governments within the local context of the Greater Peterborough Area. The following provides three different scenarios of GHG reduction targets and outlines general what would need to occur to achieve them.		
Take No Action	Take Some Action	Show Leadership
Approximately 6 – 8 % reduction in emissions	Approximately 15 – 20% reduction in emissions	Approximately 30 – 40% reduction in emissions
Considerations <ul style="list-style-type: none">• Takes into account coal phase-out in Ontario (approx 6.5% reduction)• Focus on provincially driven initiatives<ul style="list-style-type: none">○ Electric Vehicle uptake and increased fuel efficiency○ High efficiency new buildings (net-zero by 2030)○ Renewable content in natural gas• Some emissions reductions from livestock through changing practices (10%)	Considerations <ul style="list-style-type: none">• All of considerations included under "Take No Action"• Conservative rate of retrofitting buildings (2 – 5%)• Some fuel switching away from carbon intensive heating fuels• Low-medium uptake of distributed solar generation (5-8%)	Considerations <ul style="list-style-type: none">• Broadly aligned with provincial targets (37% reduction)• All of considerations included under "Take Some Action"• Increased emphasis on retrofitting existing buildings (40-60% of buildings receive deep retrofits)• More fuel switching away from carbon intensive heating fuels• Increased uptake of distributed solar generation (15%)• Organic diversion and waste reductions

Community	2011 Baseline Annual Corporate Emissions (CO₂te)	Corporate Emissions Reduction Target by 2031	2011 Baseline Annual Community Emissions (CO₂te)	Community Emissions Reduction Target by 2031
City of Peterborough	15,129	40%	349,743	39%
County of Peterborough	1,752	26%	335,051	32%
Asphodel-Norwood	592	28%	32,421	25%
Cavan Monaghan	646	29%	32,421	31%
Douro-Dummer	433	32%	48,046	29%
Havelock-Belmont-Methuen	559	40%	37,476	31%
North Kawartha	735	27%	12,128	38%
Otonabee-South Monaghan	498	25%	49,055	25%
Selwyn	1,450	40%	77,134	39%
Trent Lakes	825	26%	24,260	39%

Curve Lake First Nation

Kaitlyn and I met with Councillor Arnold Taylor on Oct 26 regarding the Climate Change Action Plan for Curve Lake. We have been invited to attend Curve Lake First Nation's first meeting of their newly formed Environment and Climate Change meeting on November 10. This is a great step towards both planning and implementation for CCAP.

Climate Change Education in School

The City is implementing the Planet Protector Academy programming on Climate Change in local schools across the GPA. The interactive 6-week program is designed for grades 3, 4, and 5.

Last year 7 teachers and classes within the PDI service area participated in the pilot that resulted in a reduction of 23,427 kg of CO₂e and \$5,470.60 savings on their home electrical bills.

Thus far, 10 teachers out of the 30 spots available have signed up from the following schools:

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|---|-------------------|
| • North Shore Public School, OSM and Hiawatha | Grade 3/4 and 4/5 |
| • Queen Mary, City | Grade 4 |
| • King George, City | Grade 5 |
| • Queen Elizabeth, City | Grade 3 |
| • Curve Lake First Nation School | Grade 2/3 |
| • Monsignor O'Donoghue, City | Grade 5 |
| • St. John Elementary, City | Grade 3 |
| • Monseigneur-Jamot, City | Grade 3 |
| • Ridpath Junior, Lakefield & Curve Lake | Grade 4/5 |

CCAP Milestone 2 & 3 Wrap up

To be scheduled for mid December, after all of the presentations to local Councils and completion of final report.

Implementation

Kaitlyn is working on the presentation to Councils, drafting the Curve Lake Action Plan, pollinator garden and developing school funding projects, a funding grant to cover two additional years of CCAP implementation.

Next steps include working with ICLEI Canada to quantify the actions completed by the 12 Corporate Sector partners from 2012 to 2016 so that we can validate the actions already taken and show out progress to date on our GHG reduction targets.