

Local Government Climate Change Working Group Meeting July 9th, 2019

Chair: James Byrne Sustainable Peterborough Climate Change Coordinator

Co-Chair: Anna Currier Township of Selwyn Climate Change Coordinator

1. Introductions

Present:

Brigid Ayotte: Township of Cavan Monaghan Economic Development Coordinator

Shari Paykarimah: Township of Asphodel Norwood Deputy Clerk/Finance Clerk

Krista Coppaway: Curve Lake First Nation Environmental Coordinator

Amber Atkinson: Township of Havelock-Belmont-Methuen Corporate Services Analyst

Lynn Holtz: Municipality of Trent Lakes Administration Project Coordinator

Amy Bickmore: Hiawatha First Nation Executive Assistant

Angela Chittick: Township of Selwyn Manager of Community and Corporate Services/Clerk

Scott Warren: Township of Selwyn Facilities Maintenance and Project Coordinator

Melanie Kawalec: City of Peterborough Sustainability Manager

Regrets:

Sheridan Graham: County of Peterborough Director of Corporate Projects & Services

David Clifford: Township of Douro-Dummer Chief Administrative Officer

Alana Solman: Township of North Kawartha Chief Administrative Officer

Erin Andrus: Township of Otonabee-South Monaghan Tax and Accounting Clerk

Liana Urquhart: Peterborough Distribution Inc. Conservation and Regulatory Coordinator

Don Armitage: Enbridge Channel Consultant

Gillian Lind: Hydro One Conservation and Demand Management

Jake Slater: Community Services Intern

Purpose of meeting: for the City of Peterborough/Sustainable Peterborough to provide guidance on reporting corporate and community GHG emissions and for GPA municipalities to provide updates on their Climate Change Action Plans (CCAPs).

2. Check-ins from the last meeting

Selwyn Township: received their transfer payment agreement from the Ministry of Transportation for a 4-year community transportation pilot. The program will service Selwyn Township and Curve Lake with connections to the City of Peterborough, and reduce the amount of passenger vehicles on the road, thus helping Selwyn and Curve Lake FN to reduce transportation-related GHG emissions.

3. Context Refresher

In 2014, Sustainable Peterborough hired Lura and ICLEI consultants to create CCAPs for all 12 GPA municipalities. At this time, we need to look back at the data to see how far we've come in reducing

GHG emissions and how to achieve Milestone 4 and 5. This will help to build a strong foundation until the next update in 4 or 5 years.

We have all accomplished Milestones 1, 2 and 3 which were focused on establishing baseline emissions, creating targets and writing CCAPs. Milestone 4 is implementation and Milestone 5 is reporting on actions-taken and applying for the completion award to the Partners for Climate Protection.

Corporate Reporting

Corporate activities are all those under the purview or control of the municipality or First Nation. That is, all facilities and operational activities owned by the corporation. All municipalities, with the exception of First Nations have just finished reporting their 5-year Energy Conservation and Demand Management plans to the province, which should help to identify some actions taken-to-date.

Corporate sectors: buildings, fleet, water and sewage, streetlighting, and solid waste. The following is how data is established for each sector:

Buildings, streetlights, water & sewer: measured in terms of fuel and electricity usage and gathered from utility providers.

Transportation: measured in terms of emissions from fuel consumption and determined based on gross fuel consumption (gas & diesel) and mileage converted into litres of fuel. This includes local travel fuel, and travel and hospitality fuel use.

Waste: estimated emissions of methane production through organic decomposition at the Peterborough City and County Waste Management Facility landfill, generated from municipal building waste.

*The Province recommends potential targets could include 40 per cent of organic wastes diverted by 2025 and 60 per cent by 2035.

Diversion of other materials (batteries, textiles, tires, etc.) is good to report on for Milestone 5, but can't be quantified in terms of GHG emissions.

Figure 1 in the slideshow presentation (slide 5), illustrates the City of Peterborough's Corporate GHG emissions and forecast. The green line is the projected increase in emissions if we continue business as usual, and the goal is to stay below that and decrease as much as possible over time.

What is CO₂e? GHG emission data is represented in terms of carbon dioxide, which is the universal currency of GHG emissions. CO₂e means the carbon dioxide equivalent of whatever GHG emissions are produced (i.e. methane, nitrogen oxide, etc.). The CCAPs project goals to reduce GHG emissions by a certain number of tonnes per year, and a percentage overall by 2031.

Milestone 4 and 5 requires critically evaluating what has been done and what needs to be done.

Plan and act early: Remember to accommodate growth over the years into your target GHG emission reductions. It is a good idea to make changes early, especially in the context of land use planning (i.e. extension of the 407 highway). This could involve instituting green building standards for net zero housing or renewable energy infrastructure.

Renewable Energy: municipalities also need to report on how much energy is produced by corporately owned buildings. Likely, this information was reported in the 5-year CDM plans.

Required from each of the 12 GPA Partners:

-End of July: Provide **2018** data on corporate sectors and James and Jake will compile into quantifiable charts and graphics and input data into the PCP tool on behalf of each municipality. **Please provide your PCP Tool password.**

Community Reporting

The community is the largest emitter of GHGs but the most challenging to impact and quantify GHG emission changes from.

James and Jake are taking care of gathering community data for each municipality for all community sectors, including:

All energy sources (electricity, natural gas, propane), waste, transportation and agriculture, forestry and other land uses (AFOLU).

How utilities information will be gathered:

- IESO/Hydro One: Townships and First Nation's electricity, County, and City
- PDI: City of Peterborough, Lakefield and Norwood electricity
- Enbridge: natural gas
- County of Peterborough: waste for Townships and County
- City of Peterborough: waste for City and First Nations
- Service Ontario: transportation
- Propane will be averaged using national figures

However, each municipality is required to report on community actions-to-date and try their best to quantify the GHG emission reductions associated with those actions.

Reporting Guidelines: James and Jake will provide a template to follow for reporting on actions taken-to-date on both corporate and community sectors, including a few examples from other municipalities. Please report on both adaptation and mitigation activities. Adapting doesn't reduce GHGs but it contributes to resiliency.

Curve Lake First Nation to confirm that waste data from the City can be obtained information on their behalf.

Some tips on collecting information for community actions:

-Source data on use of electric vehicles and charging stations.

-Ask the County about backyard composting digesters installation at locations across your municipality.

-Assess impact of clear bag policy and bag limit for curbside collection.

-Reach out to manufacturers, major business, school boards, etc. to see what they've done toward climate change, i.e. renewable energy retrofits, waste reduction and diversion, etc. Document on their behalf.

-Request information from ORCA on tree-planting and shoreline restoration projects

Next Meeting: mid-August, before James leaves, if required.

***James will send a copy of the presentation to all attendees**