



City of
Peterborough

To: **Members of the Committee of the Whole**

From: **Ken Doherty, Director of Community Services**

Meeting Date: **November 30, 2015**

Subject: **Report CSD15-022
Greater Peterborough Area Climate Change Action Plan
Progress Report #2**

Purpose

A report to update Council on the progress of the Greater Peterborough Area Climate Change Action Plan, specifically the completion of Milestone 1.

Recommendation

That Council approve the recommendation outlined in Report CSD15-022 dated November 30, 2015 of the Director of Community Services, as follows:

That the Greater Peterborough Area Climate Change Action Plan Progress Report #2 be received for information.

Budget and Financial Implications

There are no direct financial implications associated with receiving Report CSD15-022 for information.

Background

The City of Peterborough adopted the Greater Peterborough Area Community Sustainability Plan in April 2012. One of the recommendations in the Sustainability Plan was to create a climate action plan to reduce greenhouse gas emissions while increasing adaptation and resiliency.

Following confirmation of a \$175,000 grant from the Federation of Canadian Municipalities Green Municipal Fund and a \$225,000 grant from the Ontario Trillium Foundation, the City committed the remaining \$22,500 required to fund the Greater Peterborough Area Climate Change Action Plan. With the hiring of LURA Consulting and ICLEI Canada in October 2014, the Greater Peterborough Area Climate Change Action Plan officially got underway.

Climate Change Action Plan

Sustainable Peterborough is developing the Climate Change Action Plan (CCAP) for the Greater Peterborough Area to reduce local contributions to climate change and prepare the community for present and expected changes that will occur as a result of climate change.

The Climate Change Action Plan is following the Partners for Climate Protection's (PCP) five-milestone framework for the reduction of greenhouse gas (GHG) emissions. The five milestones include:

- **Milestone 1:** creating a greenhouse gas emissions inventory and forecast;
- **Milestone 2:** setting an emissions reduction target;
- **Milestone 3:** developing a local action plan;
- **Milestone 4:** implementing the local action plan; and,
- **Milestone 5:** monitoring progress and report results.

The overall objective of the CCAP is to reduce our greenhouse gas emissions, reduce the use of fossil fuels, lower our energy consumption, and adapt to our changing climate.

The Plan will identify goals, actions and emission reduction targets that fit with and address the needs of each of the ten participating municipalities and the two First Nations within the Greater Peterborough Area. Each of the twelve partners will have their own unique plans – one for their municipal/First Nations operations and another for their broader community. For the purpose of this report, only the City of Peterborough data will be presented.

Milestone 1

Greenhouse gas inventories have been created for the municipal operations within the City of Peterborough. This sector includes buildings, streetlights, water and sewage treatment, municipal fleet, and solid waste. Using 2011 as the base reporting year, the City of Peterborough generated 15,129 tonnes of CO2 equivalent GHG. The primary emissions by sector were fleet at 39%, buildings at 32%, and waste at 18%. The primary emissions by source included diesel at 34%, natural gas at 24%, and electricity at 19%.

Community emissions are generated by the industrial, commercial, institutional, and residential sectors. In 2011, 283,061 tonnes of CO2 equivalent GHG were generated. Refer to Appendix A for the City of Peterborough Corporate and Community Emissions Inventory details.

Summary

The CCAP is being developed in a collaborative manner through partnerships with local community, neighbourhoods, businesses, agencies and by engaging residents of the Greater Peterborough Area. This regionally coordinated approach will ensure that we act together to safeguard the health of our residents and ensure the stability of our local economic and natural resources against impacts related to climate change.

Submitted by,

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Attachment:

Appendix A – City of Peterborough Corporate and Community Emissions Inventory,
October 27, 2015