



**Sustainable Peterborough Climate Change Action Plan  
Task Force Meeting #1 Summary – September 21, 2015**



*This Meeting Summary was prepared by Lura Consulting. These minutes are not intended to provide verbatim accounts of the Task Force meeting discussions. Rather, they summarize and document the key points made during the discussions, as well as the outcomes and actions arising from meeting. If you have any questions or comments regarding the Meeting Summary, please contact either:*

**Sustainable Peterborough**

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# Greater Peterborough Area Climate Change Action Plan

## Task Force Meeting #1 Summary (Sept 21, 2015)

### 1 Introduction

Sustainable Peterborough is developing a 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 our changing climate. 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.

This is the first meeting of the Task Forces for this project. Eight different Task Forces have been created for the purpose of the Greater Peterborough Climate Change Action Plan process: Land Use Planning, Transportation, Community Energy, Community Waste, Natural Assets and Water, Agriculture and Food, Economic and Business, and People and Health.

The first Task Force meeting was held on September 21, 2015 from 1:00 p.m. – 4:00 p.m. at Westdale United Church (1509 Sherbrooke St, Peterborough). Please see *Appendix A* for a full list of participants in the first meeting of the Task Forces.

The objectives of the first meeting were:

- Introduce the project and climate action planning;
- Provide overview of the planning process and role of the Task Forces;
- Review baseline greenhouse gas (GHG) emissions and forecasts for the Greater Peterborough Area;
- Provide an overview and background on setting GHG reduction targets; and
- Discuss the impacts of climate change locally and opportunities.

### 2 Introductory Presentation

An introductory presentation was delivered by Liz Nield and Jeff Garkowski of Lura Consulting and Ewa Jackson and Michael Dean of ICLEI Canada. Below are highlights of the presentation.

#### Background and Project Overview

The purpose of the CCAP is to identify a series of actions that will be taken to reduce greenhouse gas emissions and help the Greater Peterborough Area prepare for climate change. In the context of the Partners for Climate Protection program, members must clearly outline a set of actions to be taken, and these must be quantified in terms of their costs and outcomes (e.g. anticipated reductions), wherever possible. An action plan will also provide an implementation schedule for the actions identified, outlining timeframes and the organizations/business units responsible for implementation.

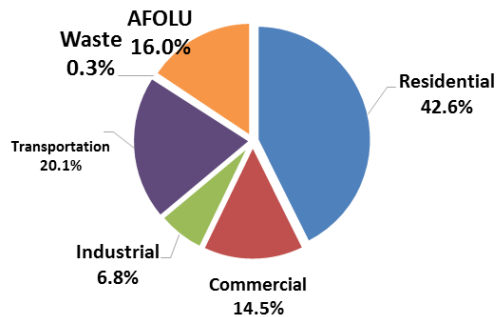
#### Baseline Greenhouse Gas Emissions

A GHG inventory is the foundation for any climate change. It provides the necessary baseline data to which future inventories will be compared, and reductions can be measured. GHG inventories have been prepared for the City of Peterborough, the County of Peterborough and the eight townships, and Hiawatha and Curve Lake First Nations. Inventories have been completed for both community sources of GHGs and GHGs from local government operations. The inventories are for the baseline year of 2011.

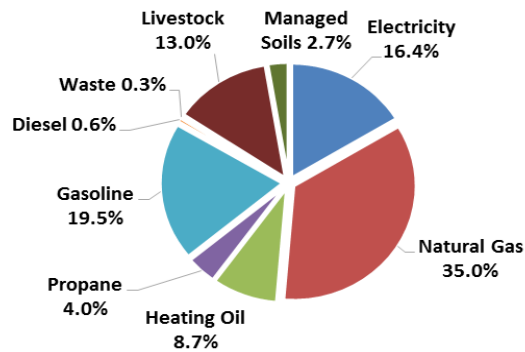
Below is a summary of the emissions for the entire Greater Peterborough area, broken down by emission sector and source. Total GHG emissions in 2011 were 669,169 tCO<sub>2</sub>e.



GPA Emissions by Sector:



GPA emissions by source:



AFOLU = Agriculture, Forestry and Other Land Uses.

### GHG Reduction Targets

The second Milestone in the Partners for Climate Protection program is to establish emission reduction targets. For the Greater Peterborough Area CCAP, targets will be established in parallel with developing the action plans to ensure that they complement each other. The emission reduction targets will be specific to each of the 12 municipal and First Nation communities within the Greater Peterborough Area, allowing flexibility to fit and address the needs of each community.

### 3 Task Force Exercises

Participants worked together in their Task Forces to discuss local impacts or issues related to their Task Force theme and identify opportunities to focus efforts in the Climate Change Action Plan. Key points from each Task Force are summarized below.

#### Activity 1 – Identifying Local Impacts or Issues

##### Agriculture and Food

- Growing conditions are changing and impacting agricultural production
- Cost of food is increasing, which is particularly impactful to the vulnerable
- There is a need to change the way we farm

##### Community Energy

- Temperatures are getting colder, requiring more power to heat, longer heating periods into the spring, and more extreme local weather events
- Increasing energy rates are good for greater conservation (however, people are reluctant to invest in conservation)
- Instability of the electricity grid – trees down/ generators

##### Community Waste

- Cost of building or permitting organics facilities is restrictive
- Reduced food waste would lower GHG emissions (reduced decomposition and collection/processing)
- Technology and cost factors involved in capturing landfill gas is restrictive

##### Economic and Business

- Cost of “doing nothing” actually has economic impacts that need to be considered
- Cap and trade implications on businesses and suppliers

### **Land Use Planning**

- Non-compromising municipal requirements for proposed subdivision plans for inventories of typography, hydrology and tree inventory
- Emergency response related to snowfall, electrical storms, flood proofing
- Habitat impacts such as invasive species, increased water temperature, exacerbated septic systems
- Increased rainfall and erosion and flooding issues (infrastructure design, flood proofing)

### **Natural Assets and Water**

- Loss of natural assets – trees, wetlands, grasslands
- Extreme weather – floods, droughts
- Infrastructure/economic impacts

### **People and Health**

- Strain on health care system and increasing costs
- Increasing occurrences of allergies
- Impact on aging and other vulnerable populations
- Impact on drinking water
- Impact on mental health

### **Transportation**

- Disbursed services and long distances to travel
- Jobs located far from where people live
- There are a lot of emissions from airport travel
- Limited cycling and pedestrian infrastructure

## **Activity 2 – Identifying Opportunities to Manage Climate Change**

### **Agriculture and Food**

- More resident farming systems
- Data collection from producers/exporters to analyze
- Partnerships with experts in the region (i.e. Trent, Producers etc.)

### **Community Energy**

- Existing buildings: focus on enclosures and envelope first
- Incentives for Net zero/solar ready and/or passive housing/new construction
- New Technologies for regional generation of electricity such as micro hydro to take advantage of the regional waterways
- Require risk profiles and financing options to be completed as part of Local Improvement Charges (LICs)

### **Community Waste**

- Create source separated organics (SSO) program
- Reduce food waste throughout the community
- Increased gas capture at local landfills

#### **Economic and Business**

- Global economy – risks absorb somewhere else
- Leverage community leaders to encourage conservation
- Demonstrate the business case for sustainability

#### **Land Use Planning**

- Integrate best practices in dealing with climate change into official plans
- Planning for north-south natural corridors for species and wildlife movement
- Increase diversification in agricultural production

#### **Natural Assets and Water**

- Incorporate protection of water and natural assets into land use planning
- Integrated watershed management plan to align multiple users, partners and jurisdictions
- Enhance education related to value of natural assets and impact on the economy

#### **People and Health**

- Prioritize activities that are both adaptation and mitigation
- Public health monitoring/indicators report
- Youth engagement to seven generations

#### **Transportation**

- Public transit as a viable alternative within City and County (especially rural transit)
- Separated cycling infrastructure and implementation of cycling network
- Rethinking centralization of services (e.g. Schools, shopping, food) and infrastructure to support
- Transition to electric vehicles and supporting infrastructure
- Statements in official plans to have regard for the Climate Change Action Plan
- Create more jobs locally to reduce transit

## **4 Next Steps**

The Project Team will continue to assess opportunities related to each Task Force theme. The next phase of the project (September 2015 – January 2016) will focus on generating ideas for action, building a database of potential actions, to guide development of the action plans. This will include best practice research, public engagement, community group/organization conversations, and ongoing input from the Task Force members. The next Task Force meeting is scheduled for January 25, 2016 to review input collected through the fall and further identify and assess potential actions.

## Appendix A: Meeting Participants

### Task Force Members

Name	Organization (if applicable)
Adrian Joose	Progressive Waste
Alan Slavin	Climate Change Working Group/For Our Grandchildren
Alli Floroff	By The Bushel
Amanda Warren	Ducks Unlimited
Amber Dickinson	Township of Havelock-Belmont-Methuen
Anca Pascalau	Sustainable Peterborough
Andrew Kurc	Peterborough County-City Health Unit
Atul Jain	Peterborough County-City Health Unit
Bob Gillespie	Peterborough Housing Corporation
Bob Taylor-Vaisey	Cavendish Community Ratepayers Association
Brad Appleby	City of Peterborough – Planning
Brenda Dales	Social Planning Council
Brian Hamilton	Curve Lake Nation
Lindsay Stroud	Peterborough GreenUP
Bryan Weir	County of Peterborough – Planning
Cam Douglas	Peterborough Bicycle Advisory Committee (PBAC)
Carolina Orduz	New Canadian Centre Peterborough
Carolyn Doris	Peterborough County-City Health Unit
Carolyn Doris	Community Food Network
Cathy Mitchell	Peterborough Utilities
Cheryl Lyon	Transition Town Peterborough
Chris Bradley	County of Peterborough – Transportation
Chris Kawalec	City of Peterborough – Community Social Plan
Dan Marinigh	Otonabee Region Conservation Authority
Danielle Belair	Community Care Peterborough
Dave Sabola	Quaker Oats/PepsiCo
Dave Summer	Transition Town Peterborough
Denise Graham	Hiawatha First Nation
Diane Sheridan	Hiawatha First Nation
Don Oliver	Ontario Soil and Crop
Donna Churipuy	Peterborough County-City Health Unit
Eleanor Rath	Township of Otonabee-South Monaghan
Fiona Dawson	Peterborough Economic Development (PED)
Gillian Lind	Hydro One
Guy Hanchet	For Our Grandchildren
Heather McGinn	Mapleridge Recreation Centre
Helen Batten	Basterfield & Associates
Holly Seaboyer	Ventra Plastics
Ian Attridge	Kawartha Land Trust

<b>Name</b>	<b>Organization (if applicable)</b>
James Roughlin	Peterborough Economic Development (PED)
Jane Grey	Climate Change Working Group/Fleming College
Janelle Carey	City of Peterborough – Waste Management
Jeff Innes	Hiawatha First Nation
Jeffrey Cadence	Canadian Mental Health Association
Jennifer Jones	City of Peterborough – Library
Joe Burke	City of Peterborough – Water Resources
Joe Rees	Peterborough Economic Development (PED)
Joel Sloggett	Student Transportation Services of Central Ontario
John Knight	Peterborough Economic Development (PED)
Joseph Jedinak	Peterborough Utilities
JP Pawliw	Generation Solar
Julie Cosgrove	Kawarthas World Issues Centre
Katie Allen	Sustainable Peterborough
Ken Doherty	City of Peterborough/Sustainable Peterborough
Ken Hetherington	City of Peterborough – Planning
Kent Keeling	City of Peterborough – Wastewater Treatment
Kevin Jones	City of Peterborough – Traffic and Transportation
Krista English	ReFrame Film Festival
Liana Urquhart	Peterborough Utilities
Lilli Fleming	Resident
Lily Hamill	County of Peterborough – Waste Management
Linda Slavin	Resident
Liz Stone	Nijkiwendidaa
Lynda Langford	Climate Change Working Group
Margo Perun	Climate Change Working Group/Trent University
Melanie Kawalec	City of Peterborough/Sustainable Peterborough
Meredith Carter	Otonabee Region Conservation Authority
Nancy Fischer	City of Peterborough
Pat Learmonth	Farms at Work
Paul Hambidge	City of Peterborough – Urban Forestry
Paul Norris	Ontario Water Power Association
Paul Sobanski	Kawarthas World Issues Centre
Peter Robbinson	Apsley Country Bakery
Peter Robinson	Peterborough Housing Corporation
Rachel Gagnon	Ministry of Natural Resources
Raul Ponce-Hernandez	Trent University
Richard Straka	City of Peterborough – Planning
Rick Cook	Millbrook Chamber of Commerce/Ventra Plastics
Rob Anderson	City of Peterborough – Recreation
Rob Arkell	Cambium Environmental
Rob Steinman	Peterborough Greenspace Coalition



<b>Name</b>	<b>Organization (if applicable)</b>
Rochelle Thomas	Quaker Oats/PepsiCo
Rod Andrews	Resident
Sandra Dueck	Peterborough Chamber of Commerce
Sarah Cullingham	Age Friendly Peterborough
Sean Flanagan	Flanagan & Sun Inc.
Sheeron Wilshaw	Hiawatha First Nation
Sheridan Graham	County of Peterborough/Sustainable Peterborough
Stephanie Landers	Ontario Water/Power Association (OWA)
Stephen Hill	Climate Change Working Group/Trent University
Steve Russel	For Our Grandchildren
Stewart Hamilton	Peterborough Architectural Conservation Advisory Committee
Sue Sauve	City of Peterborough – Transportation
Susan Bacque	City of Peterborough – Housing
Ted Spence	Coalition for Equitable Water Flow
Tim Short	Enbridge
Tom Sayer	Kawartha Manufacturers Association

### **Consulting Team**

<b>Name</b>	<b>Organization</b>
Michael Dean	ICLEI Canada
Jeff Garkowski	Lura Consulting
Peter Hughes	Peterborough GreenUP
Ewa Jackson	ICLEI Canada
James Knott	Lura Consulting
Liz Nield	Lura Consulting

