

# Indicators Report Update

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# PURPOSE OF DOCUMENT

- **Identify indicators, highlight accomplishments, and identify challenges for priority actions with the aim of creating a background document on Sustainable Peterborough progress and next steps for future governance and strategic planning.**

Item	Tasks	Description	Date for Milestone	Communication
1.	Work plan development	-Development of a work plan and timeline that details milestones of the project.	March 3-6	Follow-up with Melanie
2.	Priority action benchmark and indicator/metric creation	-Development of a spreadsheet draft highlighting the priority actions indicated in the 2011 plan -drafting indicators based on the SP database to use for bench marking progress. -Document preparation and writing pieces (ongoing) -Identify target areas for indicator/metric data collection ex: current material, and gaps -Sourcing the indicators from sub-committee members, SP database, research	Ongoing: March 5-30	Connect with sub-committee
3.	Additional data	-Update sub-committee on progress and identified gaps for to target additional data	March 21	Sub-committee meeting
4.	Communications	-Communications regarding data collection, queries, follow-up -Update SP CC at bi-monthly meetings	Ongoing	Members of sub-committee, SP CC
5.	Draft indicators/metrics report	-Draft metrics for report including sub-committee input, research and database input collection -Document preparation, writing, revisions (ongoing) -follow-up with committee regarding the draft-implement revisions	April 4 <sup>rd</sup>	Members of sub-committee
6.	Finished document	-Finished document finalized and sent to designer	April 20 <sup>th</sup>	Sub-committee
7.	Completed document	-Completed report submitted to SP CC -Overview of report	May 31 <sup>st</sup>	Sub-committee, SP CC

# FRAMEWORK

- ▶ Template: City of Vancouver Greenest City 2020 Action Plan
- ▶ Framework- Evolutionary Process
  - ▶ Outline of **Goal** and **Status** of Priority Action for each theme area
  - ▶ **Indicators** directly relate to the identified 2012 Priority Actions in the Sustainability Plan
  - ▶ **Accomplishments** highlight a broad range of actions per theme area from 2011-2017
  - ▶ **Challenges** identify barriers, and provide a foundation for next steps
  - ▶ **Next Steps** outline future goals and actions for governance and strategic planning
- ▶ Climate Change Theme Example

# CLIMATE CHANGE

**GOAL:** Reduce our contributions to climate change while increasing our ability to adapt to climate change conditions.

## PRIORITY ACTION:

Become active members in the Partners for Climate Protection (PCP) program to establish a baseline for greenhouse gas emissions with a corresponding plan for achieving a set target in emissions reductions.



**STATUS:** Complete

**PCP Milestones 1, 2 & 3  
complete for both  
Corporate & Community  
Sectors for all 12 Partners**

## INDICATORS:

	City of Peterborough	County of Peterborough	Asphodel- Norwood	Cavan Monaghan	Douro- Dummer	Havelock- Belmont- Methuen	North Kawartha	Otonabee- South Monaghan	Selwyn	Trent Lakes	Curve Lake First Nation	Hiawatha First Nation
<b>Indicator:</b> Reduction of Corporate Sector GHG emissions compared to 2011 GHG reduction targets												
2011 Corporate Target	30%	26%	28%	29%	32%	40%	20%	25%	40%	26%	15%	15%
2012 - 2015 GHG Reduction Total	11.1%	6.1%	19.0%	10.0%	18.2%	12.1%	10.0%	11.3%	13.1%	4.0%	15.0%	15.0%

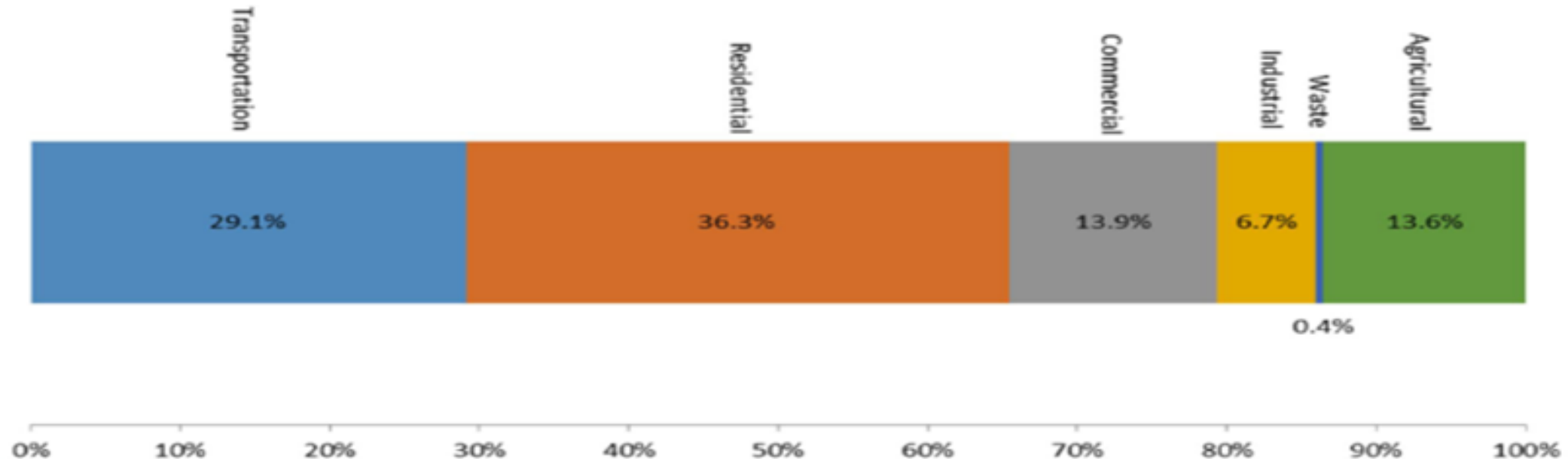
<b>Indicator:</b> Reduction of Community Sector GHG emissions compared to 2011 GHG reduction targets												
2011 Community Target	30%	31%	25%	31%	29%	31%	25%	25%	39%	39%	15%	15%
2012 - 2015 GHG Reduction Total	14.4%	13.3%	8.0%	10.0%	9.0%	16.0%	22.0%	11.1%	17.0%	24.0%	11.0%	11.0%

## ACCOMPLISHMENTS

- All ten municipalities in the Greater Peterborough Area (GPA) joined the Federation of Canadian Municipalities' (FCM) Partners for Climate Protection (PCP)
- LURA Consulting, together with ICLEI Canada, were hired in October 2014 to develop the GPA Climate Change Action Plan (CCAP).
- In 2011, total emissions in the GPA were 690,140 tonnes of CO<sub>2</sub>e.

- Ontario phased out coal-fired electricity generation, 6% reduction of electricity use.
- Curve Lake Hiawatha First Nation became the 1<sup>st</sup> 2 First Nation's in Canada to complete PCP.
- Working to hire an Energy Manager for a 2-year contract, working exclusively for the municipalities and First Nations in the GPA.

**2011 Greater Peterborough Area Emissions by Sector**





## CHALLENGES

- Measuring adaptation
- GPA CCAP has a 30-year planning window, from 2011 to 2031 but ON CCAP planning horizon is from 1990 to 2050.

## NEXT STEPS

- Stay “shovel ready” on projects for future funding opportunities.

- Consider creating a reserve fund to leverage or match future funding projects.
- Apply for funding for projects that the municipality or First Nation fund directly.
- Start working on big GHG savings projects.
- Complete Milestone 4 & 5
- Consider an Adaptation Plan and a Community Energy Plan.

Per-Capita GHG Emissions in Ontario, Historical and Targeted				Summary of Partners Annual Per-Capita Community Emissions Allocation												
Year	Ontario Population	Actual or Targeted GHG Emissions (tCO <sub>2</sub> e)	Average Annual Per Capita Emissions (tCO <sub>2</sub> e)		30% City	31% County	25% AN	31% CM	29% DD	31% HBM	25% NK	25% OSM	39% Selwyn	39% Trent Lakes	15% CLFN	15% HFN
1990	10,295,832	182,000,000	17.7	1991	6.1	8	9.7	8.2	9.1	11	7.3	8.6	6.1	7.9	5.5	6.2
2013	13,556,200	171,000,000	12.6	2011	4.4	6.1	8	6.3	7.1	8.3	5.3	7.5	4.6	4.8	4	3.6
2020	14,980,400	146,000,000	9.7	2021	3.9	5.2	7.2	5.5	6.4	7.4	4.5	6.7	3.9	3.9	3.6	3.5
2030	16,658,300	115,000,000	6.9	2031	3	4	5.8	4.1	5	5.6	3.6	5.4	2.6	2.7	3.2	3.1
2050 est.	19,754,035	36,400,000	1.8	2050 est.	2.1	2.8	4.4	2.8	3.6	3.9	2.8	4.1	1.4	1.5	2.8	2.7