

# 2019 Engagement Report

BRAMPTON COMMUNITY ENERGY AND EMISSIONS REDUCTION  
PLAN

PROJECT WORKING TEAM

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# CEERP Engagement Report

## Community Energy and Emissions Reduction Plan (CEERP)

### 1. Introduction

The CEERP Task Force, City of Brampton and Sheridan College, with additional funding support from the Province of Ontario, came together in 2018 to facilitate the development of a Community Energy and Emissions Reduction Plan (CEERP) for Brampton.

Brampton's CEERP is a result of a two-year cross-sector collaboration that draws strength from the expertise and demonstrated leadership of the City, Sheridan College and members of the Brampton CEERP Task Force

To support the community energy planning process, an Engagement Plan was developed to:

- Earn community buy-in for the CEERP goals and strategies, including endorsement by the City Council;
- Grow the capacity of the community to implement the CEERP; and
- Motivate the public and community stakeholders to act.

The Engagement Plan is found in Appendix 1. The following report summarizes the highlights from the process.

#### 1.1. Three Main Components of the CEERP

The Brampton CEERP has been designed for implementation and consists of a set of three documents:

- Our 2040 Energy Transition (and Action Plan containing the actions for each strategic direction that need to be accomplished in order to help achieve the objectives and targets),
- 2019 Analytical Report (with appendices) that summarizes the evidence-based rationale for the CEERP Task Force strategy and
- 2019 Engagement Report (**this document**) that summarizes the process that culminated in the CEERP Task Force strategy.

See section 5 for a list of appendices that support this Engagement Report.

### 2. Project Governance

The City and Sheridan College convened a team of community champions and principal advisors to oversee the community planning process. The CEERP Task Force Charter was approved at the inaugural meeting (see Appendix 2). The composition of the Brampton CEERP Task Force can be found in Appendix 3.

A Project Working Team (PWT) was established to lead the analytical process and was comprised of representatives from the City of Brampton, Sheridan Consulting, electricity and gas utilities, Peel Region and the consulting team of Garforth International Inc. See the 2019 CEERP Analytical

Report for more details on the PWT. The PWT reported the results of their analytical and strategic work to the CEERP Task Force.

### 3. Public and Stakeholder Engagement Results

To determine the CEERP 2016 baseline, the PWT collaborated with local organizations, utilities and internal departments to acquire community electricity, natural gas, transportation, population, economic and property data. Several large local organizations (and fleet where possible) contributed facility energy use data. Data was acquired from:

- Alectra Utilities
- Enbridge Inc.
- The Corporation of the City of Brampton
- Sheridan College
- The Regional Municipality of Peel
- Transportation for Tomorrow Survey
- Third-party data vendors
- Province of Ontario
- HIS Markit
- Kent Group Ltd

Details on the data and information gathered to support the analytical process can be found in Appendix 2 of the 2019 Analytical Report.

An Engagement Plan was developed for five stakeholder channels:

1. Mayor & Council
2. Brampton CEERP Task Force (CEERP Task Force; formerly Community Task Force)
3. Target Networks
4. Public
5. Municipal Departments

The following sections highlight some key outcomes.

#### 3.1 Mayor & Council

Engagements of Mayor and Council were completed (exclusive of final Council Approval). Council appointed City Councillor Doug Whillans to the CEERP Task Force. A Council Orientation Workshop took place in November 2018. Council also received information during a Council Workshop in December 2019 on the process and early analytical findings.

#### 3.2 Brampton Environmental Advisory Committee

Presentations were made to the Brampton Environmental Advisory Committee (BEAC) at the February 2018 and August 2019 meeting. Meeting minutes can be found at <https://www.brampton.ca/EN/City-Hall/meetings-agendas/Pages/Minutes-Agendas-Archive.aspx>.

### 3.3 Brampton CEERP Task Force

Brampton's CEERP Task Force met seven times between March 2019 and February 2020. The Task Force also met virtually in June 2020. All meetings were open for observation from the public. Meeting minutes can be found at:

<https://www.brampton.ca/EN/residents/GrowGreen/Pages/Community-Energy-and-Emissions-Reduction-Plan.aspx>.

Key approvals included:

- an energy vision for Brampton,
- a mission for the CEERP Task Force,
- a preferred “Efficiency Scenario” to support the development of goals, strategic objectives and projects while ensuring the community is placed on a path to support the advice of the IPPC.
- efficiency, emissions and economic goals
- strategic objectives with targets to achieve the goals,
- a 5-year implementation framework with priority projects and key performance indicators (KPIs), and
- a commitment to champion implementation.



Figure 1 - Task Force Meeting #2

Refer to Our 2040 Energy Transition for more information on these approvals.

### 3.4 Target Networks

As described in the original Engagement Plan, Task Force members act as a channel to their respective communities and networks. The best format and tools for the engagement of these networks will be determined once they have been identified. The following briefly describes the Targeted Networks identified over the course of the project.

#### **Nordic City Solutions 1**

Convened by the Danish Embassy on March 26 and 27, 2019, the two-day event sought to bring together stakeholders from across the community and region along with product and service

providers from Nordic Europe to present and discuss the various resources, technologies and development processes to implement the goals of Vision 2040 specifically applied to the potential redevelopment of the Bramalea neighborhood<sup>1</sup>. The Danish Embassy played a convening role in representing economic development interest for countries across Northern Europe. The importance of the CEERP in supporting the goals of Vision 2040 was presented by members of the Project Working Team.

## **Nordic City Solutions 2**

Similar to Nordic Cities 1, this meeting reconvened many of the same attendees as Nordic Cities 2. The focus on the meeting was on opportunities to implement the goals of Vision 2040 in the Uptown neighborhood<sup>2</sup>.

## **Partners in Project Green (PPG)**

PPG is represented as a member of the CEERP Task Force and act as a conduit mainly to the industrial sector in the City and the region. On November 29, PPG celebrated its 10<sup>th</sup> anniversary at a conference called Powering the Clean Economy. The CEERP was presented to the audience at this conference with emphasis on the importance of the industrial and commercial sector in achieving the goals and targets of the CEERP.

## **Energy Revealed (a project of GreenLearning – Peel District Schoolboard)**

The program is a joint effort between GreenLearning Canada and the Peel District School Board, with funding support from the Ontario Trillium Foundation. Other partners include the Waterloo Global Science Initiative (WGSi) and Karen Farbridge, former Mayor of Guelph, Ontario and Community Energy Planning Specialist.

Energy Revealed is a program that explores ways to make energy visible in schools. Whether its installed energy metering technology, plug in energy metering technology or no technology at all – this program will help students become energy efficient experts.

Karen Farbridge is a member of the CEERP Project Working Team. Peel District Schoolboard has a representative on the CCERP Task Force.

## **3.5 Public**

Three primary engagements of the public were planned.

### **3.5.1 Community Survey**

One Hundred and eleven (111) residents participated in the survey. Ninety-four (94%) of respondents agreed it was important for Brampton to work towards world-class energy performance. Reducing emissions and ensuring affordable and reliable energy services were the two highest ranking benefits. Protecting green space and urban trees, clean air and making public transit more convenient were the three highest ranked co-benefits, respectively. See Appendix 4 for additional survey results.

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<sup>1</sup> <https://www.nordiccitysolutions.com/bramalea-new-town-nordic-lab/>

<sup>2</sup> <https://www.nordiccitysolutions.com/uptown-brampton-nordic-urban-lab/>



Figure 2 - Survey Word Cloud, "What Does Brampton's Ideal Energy Future Look Like in 2050?"

### 3.5.2 Mapping Workshop

A mapping workshop was held on June 24, 2019 with the CEERP Task Force, students from Sheridan College and municipal staff in attendance. The purpose of the workshop was to familiarize the attendees, using community data and maps of the City, with the spatial context of the CEERP including Energy Planning Districts, Potential Net-Zero Districts, District Energy Opportunities, and Active Transportation Opportunities. The workshop empowered participants to better understand “where” the CEERP could potentially be implemented and supported them in their ongoing role of engaging the community in conversations concerning the implementation of the CEERP.

A similar workshop was held with professionals from across Ontario at a course offered in February 2020 at York University called *The Energy Conscious Community: An Energy Planning Course for Planning Professionals*. A presentation was provided by Brampton staff to demonstrate the role of the planner in energy planning, explain how energy planning can be a driver in addressing climate change, how an “energy” lens on urbanization can lead to multiple economic, social, and environmental benefits, and Brampton’s approach to energy planning.





Figure 3 - Mapping Exercise

### 3.5.3 Public Events

In addition to open CEERP Task Force meetings, staff attended many public events, including:

April 22 = Earth Day CP24  
 April 27 = Earth Day Community Tree Plantings  
 April 30 = Mayor's Faith Based Leaders Forum  
 May 1 = Massey Street Public School Open House  
 May 4 = Annual Scouts Tree Planting  
 May 11 = Brampton Vision Celebration  
 May 19 = National Public Works week  
 June 8 = Heart Lake Run  
 June 15 = Farmers Markets Launch  
 June 22 = Bike the Creek  
 July 13 = Famers Market: tree talk  
 July or August = Farmers Market: pollinator  
 September 14 = Massey Park planting  
 Late September = Jessie Park planting  
 Fall = Dorchester Park planting  
 Fall = County Court planting  
 Fall = Fletchers Creek planting



Figure 4 - Community Event

### 3.5.4 Information Sessions

The City planned a number of information sessions across Brampton in March 2020, where visitors could learn more about the CEERP and provide input. The information sessions were advertised through the city's Twitter/Instagram accounts and Facebook page, as well as at the event locations. Sessions took place at Cassie Campbell Recreation Centre, Brampton Soccer Centre and Springdale Library. The other sessions were cancelled due to COVID-19, however, the information boards were posted on the City's website with an invitation for those interested to send in their comments and questions. The information boards are included in Appendix 5 Communication Collateral.



### 3.6 Municipal Departments

Three rounds of engagements were held with staff from the following municipal departments:

- Facilities Operations and Maintenance
- Transportation Special Projects
- Economic Development
- Policy Planning
- Transportation Planning
- Urban Design
- Community Innovation and Resilience
- Brampton Transit

During these engagements, the following municipal plans were identified for review to promote future alignment with CEERP goals and strategic objectives and to inform the identification of municipal priority projects:

- Vision 2040
- Official Plan (2006)
- Secondary Plans
- Active Transportation Master Plan (2019)
- Transportation Master Plan (2015)
- Economic Development Master Plan

The following general observations were made:

- Planning and Transportation vision statements and other directional goals do not explicitly point to the energy and emission related benefits of the Plans'
- Transportation/Transit/Active Transportation have aggressive goals that match, or even exceed in some cases, the goals of the CEERP but are currently under resourced and tracking below current goals/targets;
- Intensification and "compact communities" objectives are woven throughout the Official Plan, but the link to energy efficiency and emission reductions is not connected to these objectives; and
- the Official Plan and Secondary Plans are under review.

In addition, staff presented the final version of the CEERP to multiple municipal departments/divisions (Policy Planning, Transportation Planning, Government Relations, Energy Management, Economic Development, Capital Works) prior to finalizing the document and proceeding to Council.


These engagements supported the identification of municipal-led priority projects to achieve the CEERP Task Force vision and goals (see Our Energy Transition; 2020 - 2025 Priority Projects for details).

## 4. Communications

The approach to communications addressed three objectives:


### 4.1 Promote public opportunities to participate

As a lead sponsor for CEERP development, City resources supported the promotion of the engagement activities to encourage public and community stakeholder participation. This work included news releases, social media (Facebook and Twitter) and webpages on the City of Brampton's main website. The City Project Manager served as the liaison between the PWT/CEERP Task Force and the City's communications personnel.





ResidentsBusinessArts, Culture, TourismCity HallOnline Services


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# Community Energy & Emissions Reduction Plan



 Reports

 Community Task Force

 Get Involved

 FAQs

The City of Brampton, in partnership with Sheridan College, is developing a Community Energy and Emissions Reduction Plan (CEERP). This Plan aims to integrate efforts of the municipality, local utilities and community stakeholders and create a roadmap that will improve energy efficiency, reduce greenhouse gas emissions, ensure energy security, create economic advantage, and increase resilience to climate change.

Check out our [CEERP infographic](#) and learn more about why developing a CEERP is so important.

The CEERP supports the goals of the [Brampton 2040 Vision: Living the Mosaic](#) and the [Brampton Grow Green Environmental Master Plan](#). Interested in learning more about the development of the Community Energy and Emissions Reduction Plan? Consider attending a [CEERP Task Force](#) meeting, which are open to the public.

### Survey

We want to hear from you! Take the survey below to let us know what your priorities around energy are. This feedback will help us shape the vision, goals, targets and actions of the Community Energy and Emissions Reduction Plan.

The survey has a total of 8 questions and takes 3-5 minutes.

Click [here](#) to take the survey.

### Task Force Meetings

The [CEERP Task Force](#) meetings are open to the public with the date, time and location of each meeting published below.

- CEERP Task force Meeting #8 will be held on June 18, 2020 from 10:30 am to 12:00 pm as a virtual meeting.
- [CEERP Task Force](#) Meeting #7 was held on February 28, 2020 from 9:00 to 11:00 am in Brampton City Hall West Tower Lunch Room
- [CEERP Task Force](#) Meeting #6 was held on January 23, 2020 from 2:30 to 4:30 pm in Brampton City Hall West Tower Boardroom WT-2C
- [CEERP Task Force](#) Meeting #5 was held on December 2, 2019 from 2:00 to 4:30 pm in Brampton City Hall West Tower Boardroom WT-2C
- [CEERP Task Force](#) Meeting #4 was held on September 9, 2019 from 2:00 to 4:30 pm in Brampton City Hall West Tower Boardroom WT-2C
- [CEERP Task Force](#) Meeting #3 was held on June 24, 2019 from 2:00 to 4:00 pm in Brampton City Hall West Tower Boardroom WT-2C
- [CEERP Task Force](#) Meeting #2 was held on May 22, 2019 from 2:00 to 4:30 pm in Brampton City Hall West Tower Lunch Room
- [CEERP Task Force](#) Meeting #1 was held on March 28, 2019 from 6:00 to 8:00 pm in Brampton City Hall West Tower Lunch Room

### Learn More and Have Your Say

The City hosted a number of information booth across Brampton in March where visitors could learn more about the CEERP and provide input. If you were unable to visit, you can still view the information boards [here](#).

Have any comments or questions regarding the display boards or the CEERP project overall? Email them to [growgreen@brampton.ca](mailto:growgreen@brampton.ca)

Figure 5 - CEERP Main Webpage, City of Brampton Website

## 4.2 Raise awareness of the analytical findings

The CEERP Task Force confirmed key analytical messages at each stage of the planning process. City and Sheridan resources supported the CEERP Task Force in communicating key analytical messages to the public and community stakeholders. See Appendix 5 for the collateral developed to support the communication of key analytical messages.

## 4.3 Communicate final CEERP recommendations

City resources also supported, and are expected to continue to support, the communication of the CEERP findings and recommendations to City Council, the public and community stakeholders.

# 5. List of Appendices

- Appendix 1 – Engagement Plan
- Appendix 2 – Brampton CEERP Task Force Charter
- Appendix 3 – Brampton CEERP Task Force Composition
- Appendix 4 – Survey Results
- Appendix 5 – Communication Collateral

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# City of Brampton

## Community Energy and Emissions Reduction Plan - Engagement Plan



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## Background

The City of Brampton has endorsed the development of a comprehensive Community Energy and Emissions Reduction Plan (CEERP) to integrate efforts of the municipality, local utilities and community stakeholders (e.g., local business, community groups, government agencies) to improve energy efficiency, reduce greenhouse gas emissions, ensure energy security and increase resilience to climate change.

Draft Framing Goals (see Appendix 1) for the CEERP were established by the Project Working Team (PWT) to guide the Analytical and Engagement & Decision Processes (see Appendix 2). The draft Framing Goals reflect Brampton's commitment to create and implement a world-class community energy plan which transforms the relationship between the community and its energy performance and greenhouse gas emissions profile.

## City of Brampton Community Engagement

The City of Brampton's Office of Community Engagement will collaborate with the Project Working Team to deliver this Plan. The Office's mission and goals are as follows:

*"By working together, the City and community can ensure innovative solutions are reflected in City projects. Our goal is to strengthen connections between the City of Brampton and the people who live, work, play and study in the community."*

## Why Engage the Public and Stakeholders?

The engagement of the public and stakeholders in the development of a community energy plan helps to manage expectations, facilitate learning and establish enabling networks. These are widely recognized as three essential factors in achieving broad, system level goals (see Appendix 1 | Draft Framing Goals).

Public and stakeholder engagement connects economic, environmental and technical energy issues to wider community debates and values; if these are ignored, or if communication breaks down during the process, even the most technically sound and economically rational plan may not be successfully implemented.

Engagement also ensures essential non-governmental action in energy performance change. The public and stakeholders are not only engaged for their input into what the municipality should do with respect to energy planning. They are also engaged to share a common community energy plan vision and to jointly participate in the development and implementation of solutions. These community solutions may not involve any direct government action, so they will need the buy-in of the public and stakeholders to act.

## The Role of “Living the Mosaic” – Brampton 2040 Vision

In May of 2018, Brampton City Council approved Brampton’s future-ready vision, Living the Mosaic, which defined Brampton’s vision for the next quarter century.

*“The essence of Brampton is diversity and the essence of what the people want for the future is that their city be arranged, governed, seen, and celebrated as a mosaic of people, places and endeavours of all kinds, coexisting in harmony. Living the mosaic in 2040 is the central and simple aspiration of the people of Brampton.”*

The process of developing the 2040 Vision provides a unique opportunity for community engagement in the development of the CEERP. Starting in September 2017, over 13,000 people were linked to the development of the 2040 Vision. Of these, about 11,000 people contributed specific comments and ideas through work sessions, face-to-face dialogue, community events, workshops, peer review session and extensive social media.

Many channels for engagement and communication have already been established and will provide a strong running start for the CEERP engagement process.

## Goals & Objectives

The goal of this CEERP Engagement Plan is to involve a broad cross-section of community stakeholders and the public in the process of developing the City of Brampton’s Community Energy and Emissions Reduction Plan.

The CEERP Engagement Plan’s primary objectives for the public and stakeholders include:

- meaningful engagement
- buy-in, including the approval of the Plan by the City Council
- empowerment
- capacity building

These objectives have been identified as essential for successful CEERP implementation.

## Design Objectives

The following design objectives have been identified as best practice in developing community energy plans:

- Design for implementation by building municipal and community capacity
- Promote a data-informed process
- Meet the needs of incremental and transformational thinkers throughout the process

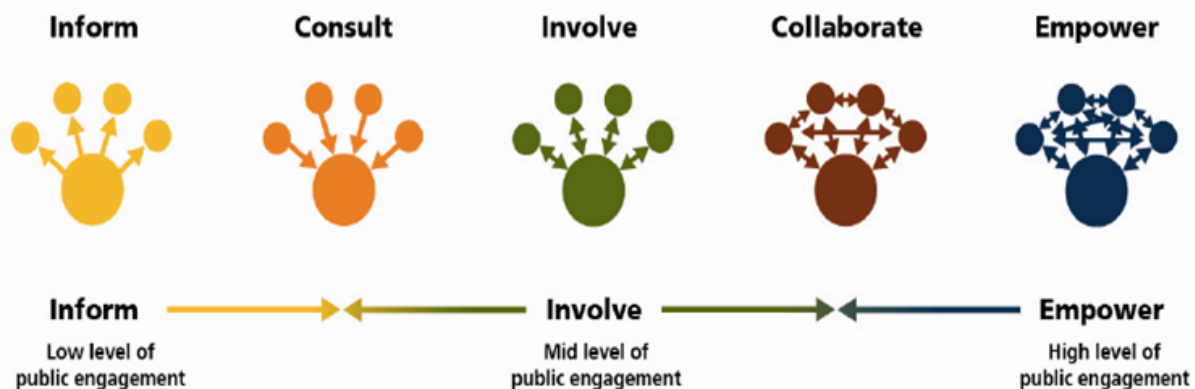
- Keep the Mayor and Councillors informed of the process and all engagement activities
- Involve Communications early in planning
- Engage a diverse cross-section of the community
- Respect stakeholder time
- Use stakeholder-appropriate engagement activities
- Ensure accessibility
- Plan for flexibility
- Measure outcomes and impact

## Level of Engagement

This Engagement Plan is based on the International Association of Public Participation (IAP2) Spectrum of Public Engagement.

The planning process for the CEERP will engage the first three levels of public engagement as promoted by IAP2: **Inform**, **Consult** and **Involve** (see Figure 1). However, implementation of the CEERP will require all five levels of public engagement for success. Consequently, the fourth level of engagement, **Collaborate**, will be encouraged, where possible, during the planning process as a strategy to support successful implementation.

There are four key points in the CEERP planning process where public and stakeholder engagement is most vital for success: visioning (i.e., confirming the framing goals); agenda setting (i.e., identifying opportunities); council approval (i.e., achieving broad-based community support); and implementation.



Planning Process

Implementation Process

Figure 1 - Five Levels of Community Impact

As defined by IAP2, this represents a Level 4 Community Impact (Inform, Consult, Involve, Collaborate) during the planning process. Specifically, the geographic scope of the CEERP is City-wide, and effective public and stakeholder engagement is widely-understood as essential to developing a successful community energy plan.

One of the objectives of the CEERP Engagement Plan is to create the right conditions to achieve a Level 5 Community Impact and **Empower** the public and stakeholders for successful implementation.

## Stakeholder identification

There are several factors that might pique the interest of a stakeholder:

- Geographic boundaries
- Communities of interest
- Scope of consultation
- Impact of decision
- History of area
- History of issue

The Engagement Plan identifies three primary categories of “holders” in the planning process<sup>1</sup>:

1. **Rights-holders** are individuals or institutions that are entitled to participate in the development or implementation of a community energy plan that is making decision about the place in which they live, pay taxes, etc. (e.g., residents and businesses).
2. **Stakeholders** are individuals or institutions within the community that may have, or perceive they have, something to gain, or lose, from the implementation of a community energy plan. Stakeholders can be further defined by the level of their stake in a community energy plan<sup>2</sup>:
  - **Decision-makers and regulators** have the most direct authority over community energy plan strategies.
  - **Transactors** have a direct stake in community energy plan strategies.
  - **Active interests** are affected by community energy plan decisions and can influence wider community action.
  - **Audiences** have a small stake but can channel community energy plan messages and drive community energy and climate culture.
3. **Capacity-holders** are individuals or institutions within the community who possess strengths or resources that add value to both the development or implementation of a

<sup>1</sup> CEKAP - Community Energy Knowledge Action Partnership (2017)

<sup>2</sup> City of Guelph (2009)

community energy plan and to their own activities. Capacity-holders can be further categorized as<sup>3</sup>:

- **Status-holders** (governing change agents) have formal status in the governance structure of a community energy plan.
- **Social-capacity holders** (social change agents) facilitate (or impede) community faith, cooperation, networking and participation in community energy plans
- **Knowledge-holders** play a technical or advisory role in community energy plans
- **Interest-holders** might advocate for a specific interest through the community energy planning process

To ensure a diverse cross-section of the community is engaged, the Plan will work to avoid over-representation of any stakeholders with similar positions or who have already formed an alliance for common purpose. It will also be important to recognize that participation is more feasible for some stakeholders than others; stakeholders need to be engaged accordingly, to respect their time.

See Appendix 5 – Stakeholder Identification

Some stakeholders may have one identity, i.e., an industry may be a stakeholder as well as hold considerable energy management expertise. The identification of stakeholders who are also capacity-holders brings added value to the process, especially in the formation of the Community Task Force. The Community Task Force is described in a following section.

Stakeholders may also be identified/emerge during the process, so the process should be flexible enough to accommodate them.

Appendix 5 summarizes the framework that will be used for the stakeholder identification exercise. This analysis will be used to inform the development and implementation of the Engagement and Communication Plan. In addition, the identification of Community Task Force members and/or Target Networks should be considered as opportunities for “early wins” to support the transition to implementation.

Appendix 5 also provides a typical Stakeholder Map, for visual purposes. This will be completed through the Engagement planning process as stakeholders are identified.

## Engagement Channels

Five engagement channels were confirmed for the planning process:

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<sup>3</sup> CEKAP - Community Energy Knowledge Action Partnership (2017)

- Council
- Community Task Force
- Target Networks
- Public
- Municipal Divisions

Further details on these engagement channels is found below.

The channel-based approach supports the development of enabling networks which are essential for achieving broad, system level goals. Additional enabling networks may also be identified and/or developed throughout CEERP planning process.

## Analytical and Engagement Process Alignment

The following figure illustrates the integration of the Analytical and Engagement Processes (see Appendix 2 for graphic) within the Project Work Team. All members are available and/or active to a greater or lesser extent in both the analytical and engagement processes.

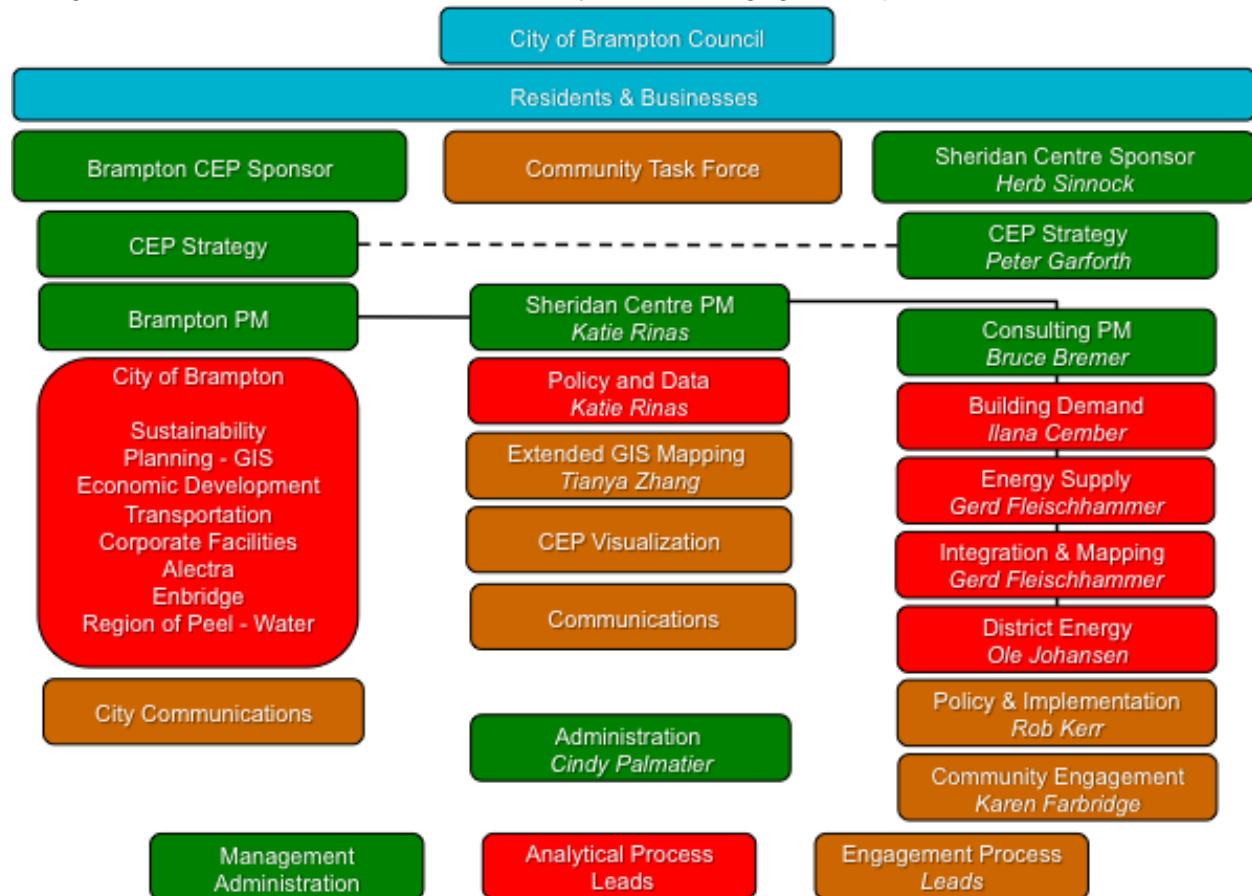


Figure 2 - City of Brampton Project Working Team





**Note:**

Demonstrates highest potential level of engagement at each step in the development of a community energy plan.

The role of the Project Working Team has been included for completeness.

## Engagement Activities and Potential Format/Tools

Each channel will have its own engagement strategy. These strategies will be developed once the Project Working Team has developed and agreed to the content and scheduling. Strategies will be aligned with the overall CEERP process and the major milestones of the Engagement Process.

An Engagement Readiness Test that defines the key elements of success for identifying and engaging stakeholders can be found in 87.

The engagement activities described below (tools/techniques) are further described in Appendix 9.

### Mayor and Council

Two or three engagements of Mayor and Council are planned (exclusive of final Council Approval).

Council Engagement Snapshot		
Engagement	General Topics	Tools/Techniques
Council #1	Overview of CEERP process (scope), Relationship of CEERP to Urban Planning, Draft Framing Goals, Baseline, Risk Profiles, Base Case, Draft Scenario Structure, Risks	Presentation Q&A
Council #2	Scenarios and Options	Interviews (Member Briefings)
Council #3	Preliminary Recommendations	Information Report

In addition, Mayor and Council will be made aware of all engagement activities throughout the CEERP process. They will be encouraged to participate in all Engagement activities such as the online survey and the Mapping Charette. They may also attend Community Task Force meetings as observers.

### Community Task Force

The Community Task Force (CTF) will be comprised of a balanced and diverse cross-section of key community, regional and provincial stakeholders. CTF members provide guidance, challenge and support during the development of the CEERP. They are an important bridge to implementation, so credible and influential membership is sought, whenever possible, i.e.,

senior and personal membership, not institutional representation. CTF active support for final council approval is a key success factor, as it continuity of participation.

Six engagements of the CTF are envisioned. The venue for CTF meetings will be accessible.

Community Task Force Engagement Snapshot		
Engagement	General Topics	Format/Tools
Community Task Force #1	Overview of CEERP process (scope), CEERP Relationship to Urban Planning, CTF Charter and Governance Role, Draft Framing Goals, Baseline, Risk Profiles, Base Case, Draft Scenario Structure, Identification of Target Networks	Presentation Q&A Working Meeting
Community Task Force #2	Scenarios and Options	Mapping Charrette <sup>4</sup>
Community Task Force #3	Scenarios and Options	Working Meeting
Community Task Force #4	Preliminary Recommendations	Presentation Q&A Working Meeting
Community Task Force #5	Final Draft Recommendations Ongoing Governance Role	Presentation Q&A Working Meeting
Community Task Force #6	Final Draft CEERP	Presentation Q&A

CTF members will be encouraged to participate in the Online Survey and serve as table facilitators at the Mapping Charette. In addition, they will be encouraged to attend public events with the Pop-Up Display.

The CTF will be asked to delegate at Council when the final CEERP is presented for approval.

<sup>4</sup> This will be a “trial run” of the Mapping Charrette planned under the Public Channel (P2). It will also serve to train CTF members as facilitators.

The role of the CTF will be governed by a Charter which will be developed in the early stages of the engagement process. The process of selecting the CTF is described in Appendix 5.

CTF meetings are open to the public to attend as observers.

## Preparing for Implementation Governance Through the CTF

Collective Impact<sup>5</sup> is the commitment of a group of actors from different sectors to work together towards a common agenda for solving a complex problem and it aligns well with community energy planning. It offers a structured approach to making collaboration work across government, business, philanthropy, non-profit organizations and citizens to achieve significant and lasting social change.

There are five key factors for collective impact success:

1. **Common agenda** - a shared vision for change including a common understanding of the problem and joint approach to solving it through agreed actions
  - A community energy plan establishes a common agenda to transform the energy performance and emissions profile of a community
  - Municipal government endorsement of a community energy plan is considered a best practice.
2. **Shared measurement** - the collection of data to measure results consistently across all participants to ensure efforts remain aligned and participants hold each other accountable
  - A data-informed community energy plan establishes a rigorous framework for measuring results.
3. **Mutually-reinforcing activities** - participant activities must be differentiated while still coordinated through mutually-reinforcing detailed plans of action.
  - Activities are differentiated in the community energy plan strategies, but an effective mechanism to support ongoing coordination by the Community Task Force must be ensured for long-term implementation success.
4. **Continuous communication** - consistent and open communication across many players builds trust, assures mutual objectives and reinforces common motivation
  - An education and communication campaign are usually included as a recommendation in the community energy plan. However, this must be

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<sup>5</sup> Kania, J. and Kramer, M., (2011): [https://ssir.org/articles/entry/collective\\_impact](https://ssir.org/articles/entry/collective_impact)

sustained over many years to fundamentally change a community's relationships to their energy system and performance.

5. **Backbone support** - creating and managing "Collective Impact" requires a separate entity with access to staff resources and appropriate skills to serve as a backbone for the community energy plan and to advise and coordinate key stakeholders
  - Addressing this ongoing governance/process need should be a key recommendation of a community energy plan.

The CTF can play a key role in the transition to implementation by serving as the backbone organization. They will be socialized to this opportunity during the process and asked to make a commitment, prior to proceeding to Council, to continue their engagement to ensure the successful implementation of the plan.

## Target Networks

CTF members act as a channel to their respective communities and networks. An estimated total of six networks will be identified for engagement with the input of the CTF. The best format and tools for the engagement of these networks will be determined once they have been identified. Each engagement will take the opportunity to bring the participants along in the CEERP process.

Target Network Engagement Snapshot		
Engagement	General Topics	Tools/Techniques
Target Networks	Overview of CEERP process (scope), Draft Framing Goals, Baseline, Risk Profiles, Base Case, Draft Scenario Structure, Risks,	Presentation Q&A
	Scenarios and Options	TBD

Members of Target Networks will be encouraged to participate in the Online Survey and Mapping Charette as well as attend CTF meetings as observers. They will be encouraged to delegate to Council when the final CEERP is presented for approval. They may also borrow the Pop-up Display for events.

## Public

Three potential engagements of the public are planned.

Public Engagement Snapshot		
Engagement	General Topics	Tools/Techniques
Public #1	Framing goals	Online Survey
Public #2	Overview of CEERP process (scope), Draft Framing Goals, Baseline, Risk Profiles, Base Case, Draft Scenario Structure, Risks Scenarios and Options	Presentation Q&A  Mapping Charrette
Public #3	Preliminary Recommendations	Press release <sup>6</sup> Website Social media

In addition to these channel-specific engagements, members of the public can:

- attend the Council Briefing as observers
- attend the CTF meetings as observers
- access regular communications on the process and CEERP findings
- delegate to Council when the final CEERP is presented for approval

A Pop-up Display will be produced for the Sponsor and CTF members to use at community-sponsored events throughout the CEERP process.

## Municipal Divisions

The municipality has a key role in developing the CEERP and positioning the City to support implementation. CEERP planning and implementation have implications for the policies and practices of several municipal functions including Planning, Economic Development, Inter-Governmental, Community Engagement, Communications, Engineering and Public Works (or equivalent) and Corporate Energy Management.

Three engagements of Municipal Divisions are envisioned.

Municipal Divisions Snapshot		
Engagement	General Topics	Tools/Techniques
Municipal Divisions #1	Overview of CEERP process (scope), Relation of CEERP to Urban Planning, Draft Framing Goals, Baseline, Risk	Presentation Q&A

<sup>6</sup> City of Brampton Communications.

	Profiles, Base Case, Draft Scenario Structure  Role of Municipal Government as a Community Stakeholder  Review of Current Policies & Practices	
Municipal Divisions #2	Policies and Practices Gap Analysis	Workshop Gap Analysis Tool
Municipal Divisions #3	Policies and Practices Recommendations	Workshop

Municipal staff will be encouraged to participate in the Online Survey and the Mapping Charrette

## Communication Plan

Exceptional communication of the outputs of the planning process are best left to communication professionals to lead with the input of both the Analytical and Engagement Leads (Figure 2).

The development and implementation of the Communication Plan will be completed by the City of Brampton with support from Sheridan College. It will be designed to support the CEERP's Engagement Plan and provide additional opportunities to inform stakeholders and the public about the CEERP process and its outputs.

The outputs of the Analytical Process will inform the development and implementation of the Communication Plan and development of public messages. In addition, Mapping and Visualization (infographic) tools provided by Sheridan will support the implementation of the CEERP Engagement and Communication Plans.

It is recommended that a Communications Team be established.

It is anticipated that the Communications Plan will include, at a minimum:

- E-newsletters
- Facebook
- Fact sheets
- FAQs
- Twitter
- Website
- Digital Screens



- News releases
- Posters

All information the CEERP Engagement and Communication Plans will be provided in plain language and available in alternative formats (such as large font or an accessible PDF online) and communication supports is envisioned to be provided by the City of Brampton as requested (such as ASL interpreters).

## Extended Mapping and Visualization

The Analytical Process includes creating maps, and other visual representations of data (infographics), to illustrate the baseline/base case and future trajectory of energy consumption, energy intensity, greenhouse gas emissions, energy cost, and community growth patterns. The baseline performance data and future projections will be shown on the level of Energy Planning District which will be developed in the early stages of the Analytical Process.

The annual projection maps will animate the transformation of the community over the CEERP planning horizon (2016-2041). The “Business as Usual” case will show the projected course of the City without a long-term CEERP and associated interventions, while the “Energy Efficient” case will highlight the progress with the established CEERP goals, targets, and energy efficiency programs.

There is some flexibility in the resources assigned to the Visualization and Animation tasks to create new visualizations that may be suggested by the Project Work Team, Community Task Force, Target Networks or the Public, if there is agreement these will facilitate improved engagement or understanding.

Mapping and Visualization will also support the Mapping Charrette.

## Overall Project Timeline

The overall CEERP Timeline is provided in the chart below. A more detailed Timeline for the Engagement Process is found in Appendix 2.

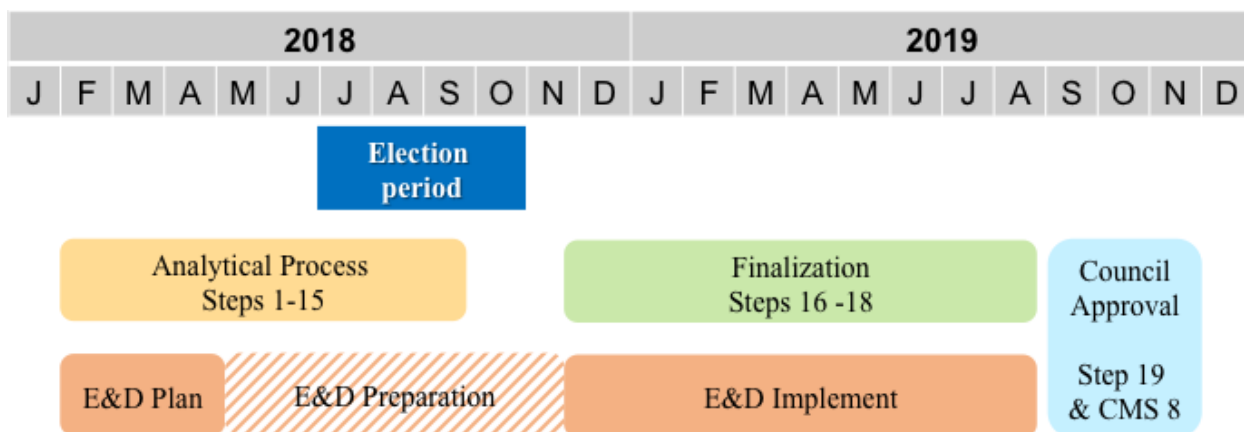


Figure 4 - Overall Project Timeline

**Note:** Details on the milestones and timelines for the planning process tracks can be found in Appendices 2,3 and 4

## Risk Assessment

The Overall CEERP Process (see Appendix 2) is been designed to optimize the alignment of stakeholders and the public with the final CEERP recommendations. This plan has also been designed for implementation.

Categories of risk are further defined in Appendix 7.

Specific risks associated with the Plan's level of engagement and engagement activities include:

Risk	Likelihood <sup>7</sup>	Impact <sup>8</sup>	Mitigation Strategy
Negative perceptions about the lag between the Analytical and Engagement Process	Somewhat likely	Major	<p>Framing Goals and Scenarios will remain draft until the results of the results of public and stakeholder engagement are received.</p> <p>The Online Survey will inform priority setting.</p> <p>The Integrated Workbook utilized in the Analytical Process provides flexibility to test different scenarios in the Mapping Charrette to understand their impact on community energy and emission profiles.</p>

<sup>7</sup> Rare, Unlikely, Somewhat likely, Likely, Almost certain

<sup>8</sup> Catastrophic, Major, Moderate, Minor

# COMMUNITY ENERGY AND EMISSIONS REDUCTION PLAN - ENGAGEMENT PLAN

Technical issues delivering the Online Survey	Unlikely	Moderate	The survey will be tested prior to its launch and will use a proven digital platform (e.g., SurveyMonkey).
Too many people attend the Mapping Charette	Somewhat likely	Moderate	Participants will be asked to register. Additional workshops will be considered by the City of Brampton, if required.
A key stakeholder is missed	Unlikely	Minor	A robust Stakeholder Identification exercise has been conducted. The process anticipates identifying new stakeholders.
Municipal employees impacted by CEERP implementation	Almost certain	Major	Three engagements of Municipal Divisions are planned.
CEERP is perceived as a municipal process	Almost certain	Major	<p>A Community Task Force will be established, with a governing charter to serve as the face of the planning process.</p> <p>The Communication Plan will support the role of the Community Task Force as the face of the planning process in the community.</p> <p>A Municipal Divisions Workshop will address the role of municipal government as a community stakeholder.</p>
Senior leadership does not agree to participate in Community Task Force meetings	Somewhat likely	Major	Active engagement by the Mayor at each CTF will be considered.
Low attendance at Community Task Force meetings	Rare	Moderate	A Charter will be developed to confirm the expectations of Community Task Force members.
Public concerns regarding the role and composition of the Community Task Force	Unlikely	Moderate	Meetings will be open to the public. Consider opening some positions for the public (application process).
Privacy breach	Unlikely	Moderate	Alignment with City of Brampton Privacy

			Statement <sup>9</sup> .
A perception that the targets are unreasonable and unattainable	Almost certain	Major	<p>The Engagement Plan is based on leading practice for achieving broad, system level goals.</p> <p>Local success stories of transformational change will be promoted (e.g., Sheridan story).</p> <p>The identification of “early wins” will be integrated into the engagement and planning process.</p> <p>The channel-based approach supports the engagement and formation of enabling networks which are essential for achieving broad, system level goals.</p>
Failure to engage the “resident on the street”	Likely	Moderate	<p>City of Brampton and Sheridan communication professionals will lead the development of the Communication Plan.</p> <p>Visual representation of data (Infographics).</p> <p>Online survey focused on surfacing benefits.</p> <p>The channel-based approach supports the customized engagement and formation of enabling networks within the broader “public”.</p>

## Input Tracking

Potential sources of input include:

- Surveys
- Phone calls
- Emails
- Blogs
- Tweets
- Letters
- Comments at events

<sup>9</sup> <http://www.brampton.ca/EN/Online-Services/Pages/Privacy-Statement.aspx>

- Notes/minutes from engagement activities
- Facebook comments
- Editorials and articles in local media
- Informal input from council
- Formal input from council

The City Project Manager and Communications Lead will track input in a consist manner.

Method of receiving input	How will this information be recorded?
Online survey	Online tool (e.g., Survey Monkey, Google Forms)
Mapping Charette	Worksheets
Working meetings & workshops	Meeting notes
Q&A sessions	Meeting notes FAQs
Policy & Practice Gap Analysis	Worksheets
Event Registration (e.g., Mapping Charette)	Event Brite

## Evaluation

An Evaluation framework will be developed to evaluate the success of the Engagement Plan. It will be completed by the Sponsor Project Manager and Communication Leads, with input from the Project Work Team.

Participants in the Online Survey and Mapping Charette will be asked to evaluate the engagement activity.

## Appendices

The following appendices support the Plan.

## Appendix 1 | Draft Framing Goals

The Draft Framing Goals established to guide the Analytical and Engagement & Decision Processes include:

- Support Brampton in being “Future Ready”
- Environmental Performance
  - *Meet 2016 Ontario Climate Action Plan*
  - *Reduce absolute GHG emissions by 50% by 2041 from 2016 levels*
  - *Be on track to cut GHG by 80% from 2005 levels*
- Economic Performance
  - *All energy related investments will meet acceptable risk-adjusted returns*
  - *Energy costs will be competitive compared to comparable Canadian and US communities*
  - *CEERP will generate incremental high-quality employment*
- Energy Efficiency
  - *Be clearly global best-practice by 2041*
  - *50% below 2016 level by 2041*
- Reliability / Resilience / Flexibility
  - *Energy systems will be designed to meet the challenges of changing user expectations, climate uncertainty and new technology options*
  - *Service quality will at least meet 2016 levels*
- Visibly contribute to Strategic Priorities – Good Government / Smart Growth / Strong Communities / Move & Connect







## COMMUNITY ENERGY AND EMISSIONS REDUCTION PLAN - ENGAGEMENT PLAN

C4. Prepare Base Case and Scenario Briefing for Task Force	<ul style="list-style-type: none"> <li>• CEERP Base Case, Opportunities and Risks</li> <li>• Consult and Involve in Scenarios</li> </ul>
D1. Engage Target Networks	<ul style="list-style-type: none"> <li>• Coordinate outreach by Task Force Members to identify and engage Target Networks</li> </ul>
E3. Prepare Base Case and Opportunity-Risk Briefing for Public	<ul style="list-style-type: none"> <li>• Structure information on CEERP Base Case, Opportunities and Risks</li> </ul>
F1. Prepare Base Case and Opportunity-Risk Briefing for Council	<ul style="list-style-type: none"> <li>• Structure information to present/discuss CEERP Baseline, Framing Goals, Base Case, Opportunities, and Risks</li> </ul>
<b>EMS3 (March – 2019)</b>	<b>Confirm Briefings for Task Force, Target Networks, Public and Council</b>
C5. Prepare Task Force Preliminary Indications Briefing	<ul style="list-style-type: none"> <li>• Prepare material to brief and discuss Preliminary Indications with Task Force</li> </ul>
F2. Prepare Council Members Briefing	<ul style="list-style-type: none"> <li>• Prepare and schedule small group sessions with members of Council</li> </ul>
<b>EMS4 (March through July – 2019)</b>	<b>Confirm Task Force Input to Preliminary Briefing – Informs Council Briefing</b>
C6. Prepare Task Force Preliminary Recommendations Briefing	<ul style="list-style-type: none"> <li>• Prepare material to brief and discuss preliminary recommendations with Task Force</li> </ul>
D2. Prepare Target Networks Preliminary Recommendations Briefing	<ul style="list-style-type: none"> <li>• Prepare material to discuss and gather feedback on Preliminary Recommendations with selected Targeted Networks</li> </ul>
E4. Prepare Public Preliminary Recommendations Briefing	<ul style="list-style-type: none"> <li>• Prepare material to discuss and gather feedback on Preliminary Recommendations from Public</li> </ul>
F3. Prepare Council Preliminary Recommendations Briefing	<ul style="list-style-type: none"> <li>• Prepare material to discuss and gather feedback on Preliminary Recommendations from Council</li> </ul>

## Appendix 4 | Common Process – Scope and Timeline

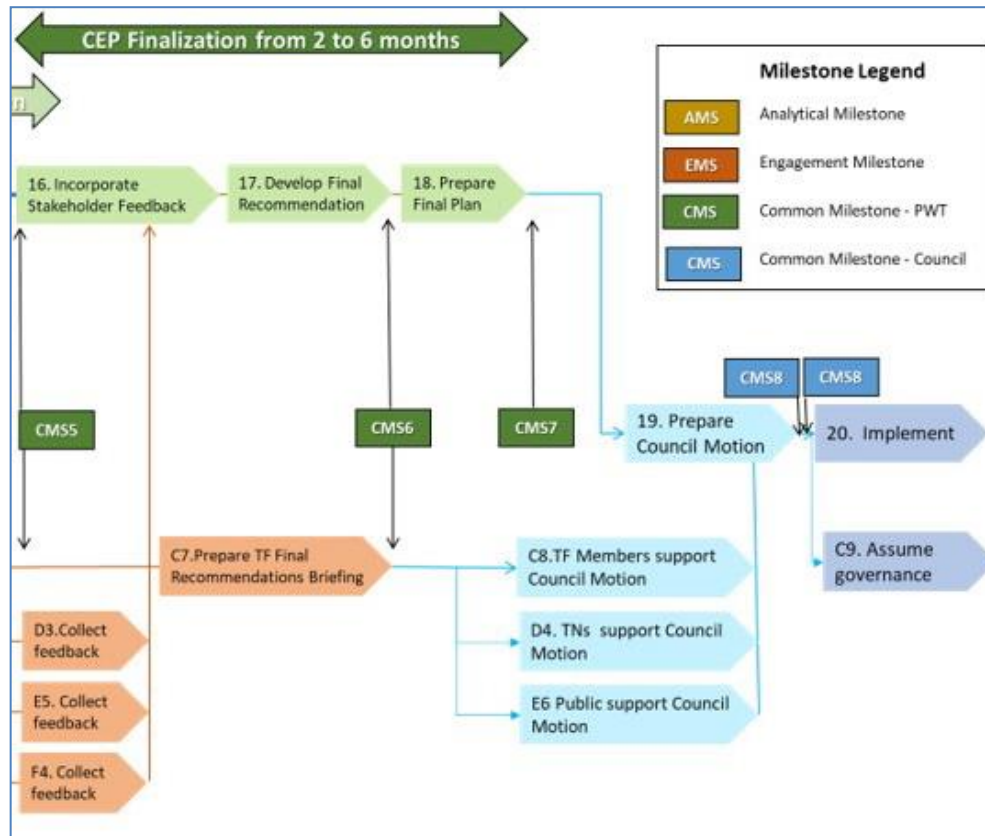


Figure 7 - Common Process Map

### CMS5 (July – 2019)

### Review Preliminary Recommendation and feedback from Task Force, Council and Public

16. Incorporate Stakeholder Feedback	<ul style="list-style-type: none"> <li>Incorporate Task Force and Council guidance</li> </ul>
D3. Collect Target Network Feedback	<ul style="list-style-type: none"> <li>Incorporate</li> </ul>
E5. Collect Public Feedback	<ul style="list-style-type: none"> <li>Incorporate</li> </ul>
F4. Collect Council Feedback	<ul style="list-style-type: none"> <li>Incorporate</li> </ul>
17. Develop Final Recommendations	<ul style="list-style-type: none"> <li>Finalize data tools with Final Recommendation</li> <li>Document EERP Final Recommendation (PPT &amp; Data Tools)</li> </ul>
C7. Prepare Final Task Force Recommendations Briefing	<ul style="list-style-type: none"> <li>Prepare Task Force review of Final Recommendation based on CEERP Step 17</li> </ul>

### CMS6 (August – 2019)

### Compile All Feedback and Incorporate into Final Recommendations

## COMMUNITY ENERGY AND EMISSIONS REDUCTION PLAN - ENGAGEMENT PLAN

18. Prepare Final Plan	<ul style="list-style-type: none"> <li>• Document CEERP ready for formal Council Approval</li> <li>• Freeze Integrated Workbook &amp; Data Tools</li> </ul>
<b>CMS7 (August/September – 2019)</b>	<b>Final Plan Complete</b>
19. Prepare Council Motion	<ul style="list-style-type: none"> <li>• Sponsors lead Staff to develop motion for Council to approve CEERP and first implementation steps</li> </ul>
C8. Task Force Members Support Council Motions	<ul style="list-style-type: none"> <li>• CTF members prepare and submit EERP support to Council</li> </ul>
D4. Target Networks Support Council Motion	<ul style="list-style-type: none"> <li>• Representatives of Target Networks prepare to support CEERP to Council</li> </ul>
E6. Public Supports Council Motion	<ul style="list-style-type: none"> <li>• Members of the public prepare to support CEERP to Council</li> </ul>
<b>CMS8 (September - 2019)</b>	<b>Council Approval</b>
<b>CMS9</b>	<b>Transition from Planning to Implementation</b>
20. Implementation	<ul style="list-style-type: none"> <li>• Start of decades of implementation</li> </ul>
C9. Assume Governance	<ul style="list-style-type: none"> <li>• Task Force chartered and resourced for new role</li> </ul>

## Appendix 5 | Stakeholder Identification

The following outlines a framework to be utilized in the identification of potential stakeholders .

This process supported by this framework will help inform the development and implementation of the Communication Plan and the formation of the Community Task Force.

Stakeholder engagement is a process by which stakeholders are consulted and involved in the development of actionable agendas and implementation plans.

### **Objectives**

Stakeholder empowerment and buy-in through participation in the planning process Mutual capacity building through knowledge exchange and resource sharing

### **Best Practice**

Avoid over-representation from stakeholders with similar positions or who have already formed an alliance for a common purpose

Recognize participation is more feasible for some stakeholders than others Identify stakeholders who are also capacity-holders to bring additional value

Note: anyone stakeholder can be classified into more than one category on the following worksheets

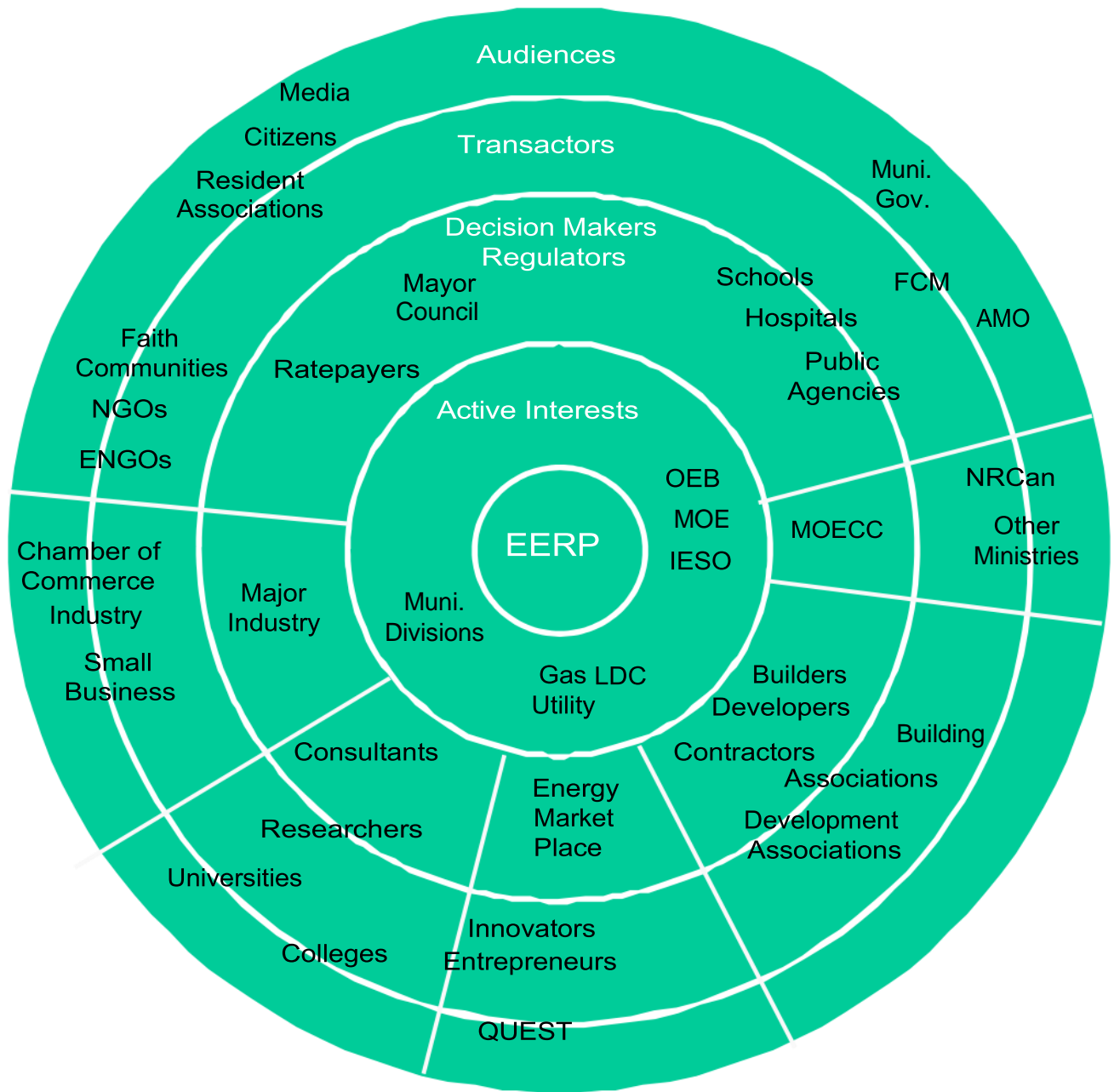


Figure 8- Stakeholder Map





**Worksheet (adopted from the City of Guelph 2009)**

<p><b>Decision Makers and Regulators</b> – have the most direct authority over CEERP strategies (e.g., council, municipal staff, utilities)</p>	<p><b>Transactors</b> – have a direct stake in CEERP strategies (e.g., developers, energy market place, builders)</p>
<p><b>Active Interest</b> – Affected by CEERP decisions and can influence wider community action (e.g., ENGOs, Chamber of Commerce)</p>	<p><b>Audience</b>– Small direct stake but can channel CEERP messages and drive community energy climate culture (e.g., media, general public)</p>

**Worksheet (adopted from CEKAP 2017)**

<p><b>Rights-holders</b> – individuals or institutions that are entitled to participate in the development or implementation of a CEERP</p>	<p><b>Stake-holders</b> – individuals or institutions within the community who stand to lose or gain from the implementation of a CEERP</p>
<p><b>Capacity-holders</b> – individuals or institutions within the community who possess strengths or resources that add value to the development or implementation of a community energy plan</p>	
<p><b>Status-holders</b> (governing change agents) have formal status in the governance structure of a CEERP (e.g., council, staff, utility)</p>	<p><b>Social capacity-holders</b> (social change agents) facilitate (or impede) community faith, cooperation, networking and participation in CEERPs (e.g., local champions)</p>
<p><b>Knowledge-holders</b> play a technical role or advisory role in CEERPs (e.g., researchers, consultants)</p>	<p><b>Interest-holders</b> might advocate for a specific interest through the CEERP process (e.g., ENGOs, developers)</p>



## Appendix 6 | Community Task Force

NOTE: The following is a draft of the Community Task Force Charter – to be ratified by the Task Force once formed.

### Background

The City of Brampton is embarking on the development of a comprehensive Community Energy and Emissions Reduction Plan (CEERP). The CEERP will integrate efforts of the municipality, local utilities and community stakeholders (e.g., local business, community groups, government agencies) to improve energy and economic efficiency, reduce greenhouse gas emissions, ensure energy security and increase resilience to climate change.

The City is teaming up with Sheridan College and its partners, Garforth International (GIL), to develop the CEERP. The Plan will act as a guide to help the town, its residents, businesses and industry adopt new technology and practices to reduce emissions, keep more energy dollars local and improve overall energy security and efficiency.

Sheridan is building on the success of its own Integrated Energy and Climate Management Program, which has Sheridan on track to reduce its greenhouse gas emissions by 50 per cent by 2020.

The resources and expertise of Sheridan College and GIL with other community stakeholders, including Alectra, Union Gas and Peel Region, will support the development of a world-class CEERP, ensuring Brampton continues to be one of the best places to live and raise a family.

### Purpose

The City of Brampton expects to meet or exceed the provincial target for greenhouse gas emission reduction, with its CEERP. Achieving this target will require system-level changes aimed at profoundly improving the energy performance of the community. Implementation of a transformational CEERP is complex and involves many people.

A CEERP Engagement Plan has been prepared to involve a broad cross-section of community stakeholders and the public in the development of the CEERP. The Engagement Plan has been designed to 1) earn community buy-in for the goals and strategies of the CEERP, including approval by the City Council, 2) grow the capacity of the community to implement the CEERP and 3) motivate the public and community stakeholders to act.

The formation of a Task Force (i.e., a small group of stakeholders or experts tasked with developing a set of recommendations, policy or proposal within a limited time) is an effective engagement tool to encourage collaboration.

The Community Task Force (CTF) serves as the backbone of the CEERP Engagement Plan and is the public face of the CEERP planning process.

CTF members help to connect economic, environmental and technical energy matters to wider community issues and values. If these community issues or values are ignored, or if communication breaks down during the planning process, even the most technically-sound and economically-rational plan may not be recognized or successfully implemented.

The CTF provides valuable input and contributes to the success of the development of a CEERP.

The CTF establishes a common CEERP vision and its members are expected to make a commitment to jointly participate in the development and implementation of solutions to increase the energy performance of the community. Some community solutions may not involve any direct government action, so will require the commitment of the public, stakeholders and community leaders to act.

As CEERP champions, CTF members help to ensure non-governmental action is taken to implement the CEERP. They can also hold the municipality accountable for doing their part to achieve CEERP targets.

By cultivating a sense of urgency to act, the CTF members serve as an important bridge from planning to implementation and, as such, will be encouraged to understand and articulate their role beyond the CEERP planning process.

### I. Community Task Force Mandate

The CTF mandate is to provide a forum for community-based oversight of the CEERP planning process and to report regularly to the community and Council during the development of the CEERP.

The CTF serves as a sounding board for the Project Working Team (PWT), providing strategic guidance, challenge and support, while sharing technical advice and community knowledge.

With the support of the PWT, the CTF provides an ongoing forum for consultation and feedback to the Community and Council at key points through the development of the CEERP.

The CTF will assist the Engagement Team of the PWT ensure that planned engagement efforts provide the public and stakeholders with a clear understanding of the project and encourage participation.

### II. Community Task Force Terms of Reference

In carrying out its Mandate, the CTF has the following specific responsibilities, processes and requirements:

## A. Specific Responsibilities

- a. Consider matters, issues or information provided by the PWT relating to the CEERP and provide advice and recommendations.
- b. Identify potential community issues and opportunities for the PWT.
- c. Participate in two-way communication between members' constituencies and the Project Working Team, liaising with the organization they represent (if applicable) to bring forward advice, issues or comments from their organization and to return information and results to the organization from the CTF.
- d. Ensure that the results of CTF discussions are accurately recorded in the meeting records, or in any additional documents that the CTF or the Project Working Team may determine are needed.
- e. Embrace the City of Brampton's guidelines and practices when providing advice or recommendations to ensure effective communication with the public and stakeholders.
- f. Provide active support for final Council approval.
- g. Serve as an ongoing champion for CEERP implementation.

## B. CTF Processes

### 1. Membership

- a. The City of Brampton will invite members of the public and community stakeholders to participate on the CTF.
  - a. Members will be selected from a variety of stakeholder groups and represent a balance of interests and range of perspectives in the community.<sup>10</sup>
  - b. Public at Large/Residential Ratepayers representation will be identified through a call for submissions of interest.
- b. The CTF will consist of up to 22 members.
- c. CTF membership includes:

Sector	Up to
Business/Industry/Business Associations	6
Home Builder/Developer	2
Environmental Interest Group	2
Educational Institutions	2
Public At Large/Residential Ratepayer	3
Utilities	2
Municipal Council Representative	1

<sup>10</sup> CTF formation is supported by a Stakeholder Identification Tool and Matrix.

Regional Representatives	2
Provincial Representatives	2

d. CTF member core competencies include:

Core Competency	Description
Collaborative Leader	Has demonstrated personal and/or professional leadership in multi-stakeholder efforts by building consensus and drawing people into a process of change.
Communicator	Able to share ideas and describe what you know and what you are learning to diverse audiences.
Community Translator	Understands the different language used by stakeholders and serves as a bridge between the various communities and groups with an interest in the initiative.
Lifelong Learner	Desire to deepen understanding of complex social and economic issues that take complex solutions.
Politically Astute	Broad non-partisan understanding of political and social issues influencing the public policy environment.
Strategic	Understands the lay of the land and can work within it.
Practical	Can manage the details and get things done on time.

e. CTF membership is voluntary.

f. It is required that CTF members must understand and agree to the terms and conditions outlined in these Terms of Reference.

## 2. Town Sponsor

- The Town of Oakville sponsor for the CTF is the Environmental Policy Department.
- The municipal liaison to the CTF is XXXX.

## 3. Meetings

- A minimum of six (6) CTF meetings are anticipated during the CEERP planning process
- Members are expected to attend all six (6) CTF meetings.
- Members are expected to come fully prepared to meetings.
- Members are encouraged to participate in other engagement activities planned during CEERP planning process.
- Meetings are held in accessible locations.
- Meeting are open to the public, as observers, with date, time and place of each meeting published on the City's website.
- A quorum of members is required to hold a CTF meeting.
- PWT members attend CTF meetings as a resource.

4. Chair

- a. CTF members select a Chair at their first meeting.
- b. Supported by the PWT Engagement Team, the Chair approves final meeting agendas, presides over meetings and coordinates the activities of the CTF.
- c. The Chair assists the CTF develop and approve meeting process rules and other procedures related to committee effectiveness, as required.
- d. The Chair is the spokesperson for the CTF.

5. Decision-making

- a. The CTF strives to operate in a consensus mode where participants openly discuss views and opinions and seek common ground.
- b. If there is an unresolvable lack of consensus, decisions are made by a simple majority vote.

6. Minutes, Documentation and Administration

- a. Minutes are taken by a member of the PWT.
- b. Minutes are circulated to the CTF members following each meeting for review and comment.
- c. Minutes are approved at the following CTF meeting.
- d. Minutes are made available to the public.
- e. Administrative services for the CTF are the responsibility of the PWT.

7. Term

- a. The municipally-led mandate of the CTF is completed upon Council's approval of the CEP.
- b. Development of an ongoing CTF-led mandate to support CEERP implementation will be considered.



## Appendix 7 | Categories of Risk

**Service delivery** – Risk of not meeting customer expectations

**Employees** – Risk that employees, contractors or other people at the Corporation will be negatively impacted by a policy, program, process or project including physical harm

**Public** – Risk that the policy, program or action will have a negative impact on residents

**Physical Environment** – Risk that natural capital will be damaged

**Reputation** – Risk associated with anything that can damage the reputation of the Corporation

**Financial** – Risk related to decisions about assets, liabilities, income and expenses including asset management, capital and operational funding, economic development, theft or fraud

**Regulatory** – Risk related to the consequences of non-compliance with laws, regulations, policies or other rules

## Appendix 8 | Engagement Readiness Test

Readiness Statement	No	Somewhat	Yes
We can confirm that a decision has not been made.			
We know what information the decision makers require and how it will be used.			
We have a clear understanding of what we need to know from the public and how we will obtain that input.			
We have identified potential stakeholders and their level of engagement along each stage of the decision-making process.			
We have selected appropriate engagement strategies to obtain input from the public.			
We are sure there is adequate time for a meaningful engagement process.			
We have secured the required resources to facilitate an effective community engagement process.			
We have an inclusion strategy to address potential barriers to participation.			
We have developed a project plan including key milestones, decision making points and timing.			
We have identified and considered historical and political factors which may influence this decision-making process.			
We identified and analyzed risks.			
We have an effective communication plan.			
We have a project spokesperson.			
We have confirmed that there are no other conflicting public processes.			
We know how public input will be collected and communicated to the stakeholders and decision makers.			
We have a plan to evaluate the engagement process.			
Our process clearly aligns with Public Engagement Guidelines			

## Appendix 9 | Engagement Activity Descriptions

Engagement Activity	Description	Engagement Levels
Presentations	Presentations to organizations throughout the community is an excellent way of building relationships and doing outreach.	Inform
Task Force <sup>11</sup>	A small group of stakeholders or experts formed to develop a set of recommendations, policy or proposal within a limited time.	Involve
Interviews <sup>12</sup>	One-on-one or small group discussion focused on a specific project or issue.	Inform   Consult
Workshops <sup>13</sup>	Workshops are a meeting where a group of people (can be large or small) engage intensive discussion/activity on an issue and/or develop solutions.	Involve   Collaborate
Surveys <sup>14</sup>	Surveys are a good way of getting a snapshot of opinions across a wide range of demographic groups. It is critical to understand if the project/issue requires statistically valid data or qualitative input (or both), this will determine what survey to use.	Consult
Charrettes <sup>15</sup>	Charrettes are an intense problem-solving session where a facilitator leads a group to alternative solutions. Charrettes are often used to design such things as parks and buildings, or to plan communities or transportation systems. The charrette team develops solutions resulting in a clear, detailed, realistic plan for future development	Involve   Collaborate
Information Kiosks <sup>16</sup>	Information Kiosks are a station where information is available. Can be used to solicit input.	Inform   Consult
Fairs/Events <sup>17</sup>	Fairs/Events are used to build awareness or provide and share information about issues through exhibits and interactive activities	Inform   Consult

<sup>11</sup> This refers to the meetings of the Community Task Force.

<sup>12</sup> This refers to the Council Briefings

<sup>13</sup> This refers to activities planned for Municipal Divisions and Target Networks.

<sup>14</sup> This is the Online Survey

<sup>15</sup> This refers to the Mapping Charrette

<sup>16</sup> This refers to the Pop-up Display

<sup>17</sup> This refers to community-sponsored events attended by City of Brampton staff and/or Community Task Force Members.

# Community Energy & Emissions Reduction Plan

## Task Force Charter

### Background

The City of Brampton and Sheridan College have come together to facilitate the development of a comprehensive Community Energy and Emissions Reduction Plan (CEERP) for Brampton. The CEERP will act as a roadmap to integrate the efforts of the municipality, local utilities, business, industry, institutions and community stakeholders working towards world-class energy performance while realizing positive economic, environmental, social, and cultural outcomes including:

- Reducing energy costs;
- Creating green jobs;
- Attracting new business;
- Increasing energy efficiency;
- Reducing greenhouse gas (GHG) emissions;
- Increasing energy security; and
- Enhancing resiliency to climate change.

Please visit <http://www.brampton.ca/ceerp> for more information on the City's CEERP.

### Purpose

The CEERP Task Force will be a team of community champions and principal advisors for the development of the CEERP. With guidance from the City of Brampton and Sheridan College, the Task Force will act as the lead implementers of the CEERP Engagement Plan, involving community stakeholders and the public to:

- a) Earn community buy-in for the goals and strategies of the CEERP, including approval by City Council;
- b) Grow the capacity of the community to implement the CEERP; and
- c) Motivate the public and community stakeholders to act.

### Mandate

The Task Force mandate is to provide a forum for community-based oversight of the CEERP planning process and to report regularly to the community and Council during its development. Based on community engagement activities, and with the member's collective expertise and influence, the Task Force will help establish the CEERP's vision for Brampton's energy future. The Task Force will then help develop implementable actions to achieve that vision.

## Terms of Reference

In carrying out its mandate, the CEERP Task Force will have the following specific responsibilities, processes and requirements:

### *Specific Responsibilities*

- a) Consider matters, issues, or information provided by the project work team relating to the CEERP, and provide advice and recommendations;
- b) Identify potential community issues and opportunities for the project work team;
- c) Participate in two-way communication between members' constituencies and the project working team, as well as the overall Task Force;
- d) Identify priority Target Networks to implement the CEERP Engagement Plan;
- e) Ensure that the results of Task Force discussions are accurately recorded in meeting records, or in any additional documents that the Task Force or the project working team may determine are needed;
- f) Embrace the City of Brampton's communication principles when providing advice or recommendations to ensure effective communication with the public and stakeholders;
- g) Provide active support for final Council approval; and
- h) Serve as an ongoing champion for CEERP implementation.

### *Membership*

- a) The City of Brampton will invite members of the community to participate on the Task Force.
- b) Members will be selected from a variety of stakeholder groups and represent a balance of interests and range of perspectives in the community.
- c) Public at Large/Residential Ratepayers representation will be identified through a call for submissions of interest.
- d) The Task Force will consist of up to 19 members.
- e) Task Force membership includes:

Sector	Up to
Business/Industry/Business Associations	4
Home Builder/Developer	2
Environmental Interest Group	2
Educational Institutions	3
Public At Large/Residential Ratepayer	2

Utilities	2
Municipal Council Representative	1
Regional Representatives	1
Provincial Representatives	2

f) Task Force member core competencies include:

Core Competency	Description
Collaborative Leader	Has demonstrated personal and/or professional leadership in multi-stakeholder efforts by building consensus and drawing people into a process of change. Has an ability to maintain and strengthen connections to effect action.
Communicator	Able to share ideas and describe what is already known and what is being discovered to diverse audiences.
Community Translator	Understands the different language used by stakeholders and serves as a bridge between the various communities and groups with an interest in the initiative.
Lifelong Learner	Desire to deepen understanding of complex social and economic issues that take complex solutions.
Politically Astute	Broad non-partisan understanding of political and social issues influencing the public policy environment.
Strategic	Seeks continuous improvement and is a future thinker. Understands the lay of the land and can work within it.
Practical	Can manage the details and get things done on time.

g) Task Force membership is voluntary.

h) It is required that Task Force members must understand and agree to the terms and conditions outlined in these Terms of Reference.

#### **City of Brampton and Sheridan College Liaisons**

- a) The City of Brampton sponsor for the CEERP Task Force is Councillor Doug Whillans
- b) The municipal liaison to the CEERP Task Force is the Michael Hoy, Senior Environmental Policy Planner.
- c) The Sheridan College sponsor for the Task Force is the Manager, Sustainable Energy Systems, Office of Sustainability.

- d) The Sheridan College liaison to the Task Force the Project Officer, Energy Management, Office of Sustainability.

### **Meetings**

- a) A minimum of six (6) meetings are anticipated during the CEERP planning process.

Tentative Schedule	
March 2019	June 2019
April 2019	September 2019
May 2019	October 2019

- b) Members are expected to attend all six (6) meetings.  
c) Members are expected to come fully prepared to meetings.  
d) Members are encouraged to participate in other engagement activities planned during CEERP engagement process.  
e) Meetings are held in accessible locations.  
f) Meeting are open to the public, as observers, with date, time and place of each meeting published on the City's website.  
g) A quorum of members is required to hold a Task Force meeting.  
h) PWT members attend Task Force meetings as a resource.

### *Co-chairs*

- a) Task Force members select co-chairs at their second meeting.  
b) Supported by the project working team, the co-chairs approve final meeting agendas, preside over meetings and coordinate the activities of the Task Force.  
c) The co-chairs assist the Task Force develop and approve meeting process rules and other procedures related to committee effectiveness, as required.  
d) The co-chairs are the spokespersons for the Task Force.  
e) The co-chairs will be selected from different sectors.  
f) Only representatives from the following sectors may be eligible to co-chair:  
    i. Business/Industry/Business Associations  
    ii. Home Builder/Developer  
    iii. Educational Institutions  
    iv. Utilities

*Decision-making*

- a) The Task Force strives to operate in a consensus mode where participants openly discuss views and opinions and seek common ground.
- b) If there is an unresolvable lack of consensus, decisions are made by a simple majority vote.

*Minutes, Documentation and Administration*

- a) Minutes are taken by a member of the project working team.
- b) Minutes are circulated to the Task Force members following each meeting for review and comment.
- c) Minutes are approved at the following Task Force meeting.
- d) Minutes are made available to the public.
- e) Administrative services for the Task Force are the responsibility of the project working team.

*Term*

- a) The mandate of the Task Force is completed upon Council's approval of the CEERP.
- b) The Task Force is charged with determining its ongoing role in supporting the implementation of the CEERP.

For more information, please contact:

Michael Hoy  
Senior Environmental Planner  
Public Works & Engineering  
City of Brampton  
905-874-2608  
[michael.hoy@brampton.ca](mailto:michael.hoy@brampton.ca)



## **Brampton Community Energy and Emission Reduction Plan Task Force**

### **Co-Chairs:**

- Dave Kapil, Board Member, New Brampton
- Hassaan Khan, Area GM, Performance Infrastructure Canada, Johnson Controls Canada L.P

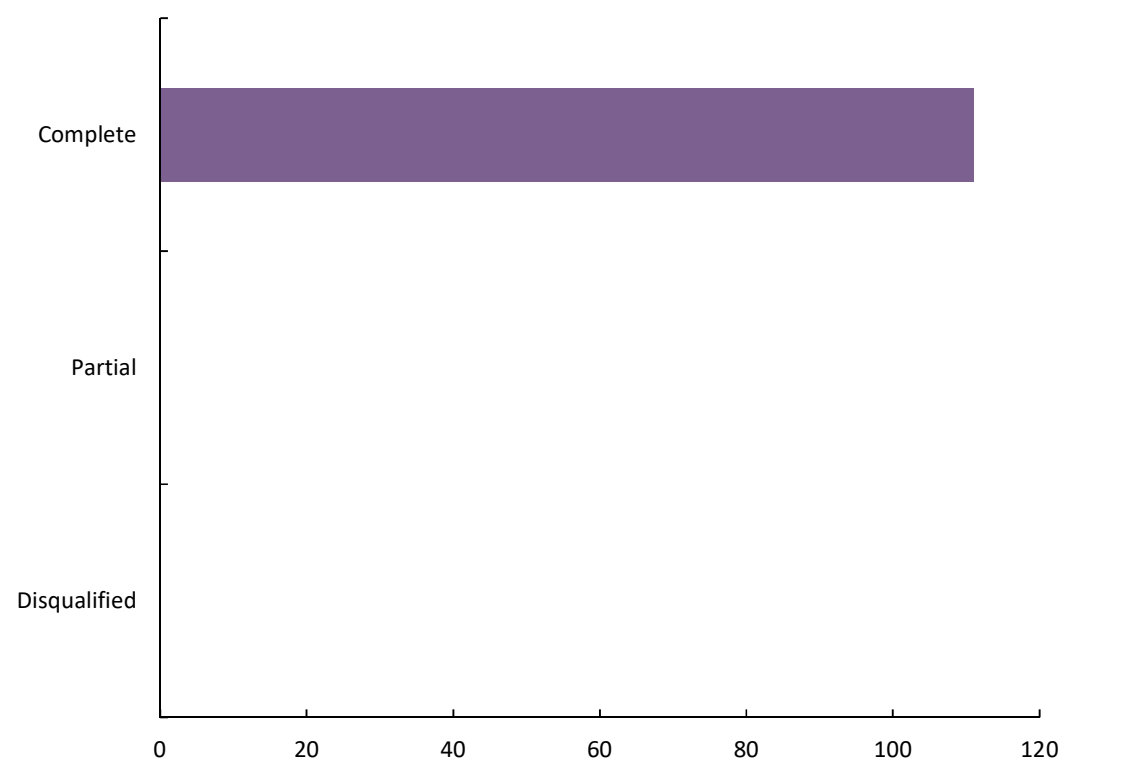
### **Members:**

- Andrew Farr, Acting Commissioner, Public Works, Region of Peel
- Benjamin Ratcliffe, Energy Specialist, Peel District School Board
- Bob Bjerke, Director of Policy Planning
- Brad Cobbledick, Brampton Brick
- Brandon Dilollo, Paradise Homes
- Carmina Tupe, BILD
- Christine Tu, Director, Office of Climate Change and Energy Management Region of Peel
- David Laing, Co-Chair, Brampton Environmental Advisory Committee
- Doug Whillans, Councillor, City of Brampton
- Eddie Camilleri, Energy Manager, William Osler Health Centre
- Eric Meliton, Project Manager, Partners in Project Green
- Erika Lontoc, Lead, Business Intelligence, Enbridge Gas Distribution
- Herb Sinnock, Director Sustainability, Sheridan College
- Jennifer Jaruczek, Planner, BILD
- Lauren Mulkerns, Environment Manager, Brampton Brick
- Margaret Knowles, Morguard
- Megan McCombe, Supervisor, Environmental Education, Region of Peel
- Michael Won, Acting Commissioner of Public Works, City of Brampton
- Nathaniel Magder, TRCA
- Patrick Turner, Counterpoint Engineering
- Ralph Williams, Manager, Connections and Key Accounts. Alectra Utilities
- Rebecca Winters, Water Efficiency, Region of Peel
- Rod Rice, Rice Development Company
- Stuart Craig, Riocan
- Todd Letts, CEO, Brampton Board of Trade
- Trevor Boston, Co-Chair, Brampton Environmental Advisory Committee

# Report for Community Energy and Emissions Reduction Plan - Survey

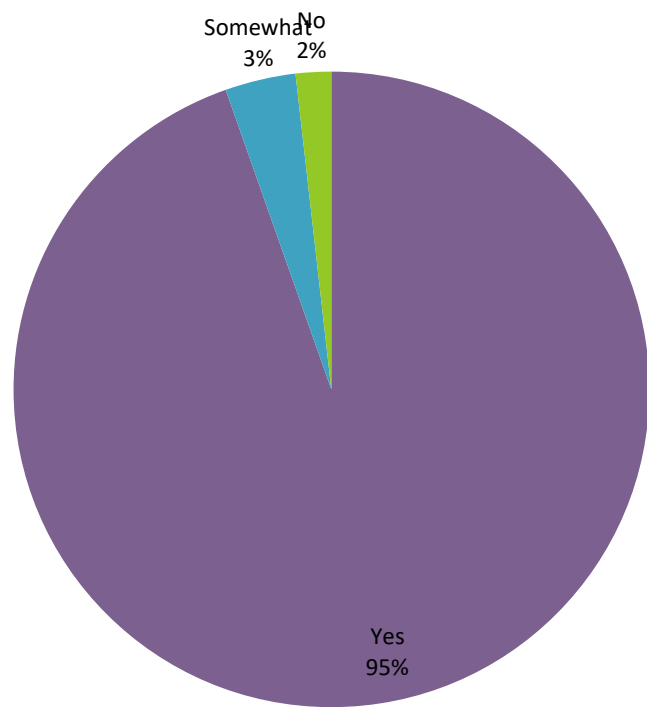
Community Energy and Emissions Reduction Plan - Survey

Response Statistics



	Count	Percent
Complete	111	100
Partial	0	0
Disqualified	0	0
Totals	111	

1.Do you think that it is important for us to work towards world-class energy performance for our community, as described in the introduction above?



Value	Percent	Count
Yes	94.6%	105
Somewhat	3.6%	4
No	1.8%	2
	Totals	111

2.What matters to you? Below are some economic, social and environmental benefits of moving towards a world-class energy performance. Please rank the importance of these benefits to you by re-sorting them on the right side of the page with your highest (most important to you) to lowest (less important to you) choices.

Item	Overall Rank	Score	Total Respondents
Reducing greenhouse gas pollution to fight climate change	1	630	108
Reducing my energy costs.	2	444	107
Affordable energy services that I can always rely on	3	439	107
Creating jobs in the green economy	4	424	108
Keeping more of our energy dollars in the local economy	5	403	106
Brampton taking charge of its own energy future	6	377	106
Generating my own energy	7	301	107

3. There are other ways moving towards world-class energy performance can enhance Brampton's livability. Please rank them by scoring each benefit from 1 (most important to you) through 7 (less important to you)

Item	Overall Rank	Score	Total Respondents
Protecting green space and urban trees	1	553	110
Cleaner air	2	553	107
Making public transit more convenient	3	458	108
Reducing energy poverty so no one must choose between buying food or keeping the lights on	4	455	109
Making it easier to walk and cycle in my community	5	430	110
Less time stuck in traffic and more time with family and friends	6	376	108
Improving the comfort of my home or workplace	7	232	108

#### 4. Did we miss any benefits in Questions 2 and 3 that matter to you?

ResponseID	Response
11	district energy in brown fields and creating a circular economy
12	Stimulating the green economy and bringing well paid jobs to Brampton
13	Create a circular economy to minimize waste and create opportunities for more local high tech employment. Turn the tide against Brampton as a commuter community to a place where people live, work and play close to home.
14	More livable neighborhoods.
15	Using energy efficiency to reduce traffic. Less vehicles on the road resulting from better public transportation.
16	No.
20	Pride in knowing I live or work in a City that cares about the most important issue facing humanity today.
21	Enhancing the national and global reputation of Brampton to attract high quality investors and jobs
22	No
25	Majority of Brampton residents use energy resources that have the least impact on our natural environment
28	N/a
32	Let's reduce the use of plastics. How can we convince people that tap water is best and reusable containers are a viable option to throw-away bottles.

33	1. Get more people to use public transit. 2. Switching over to E-cars. Outlaw gasoline engines over a ten year period, maybe exempting "Classic Cars."
34	Thank you for working on this initiative!
35	Concentrate on a cycling infrastructure so that folks will feel safe by cycling on dedicated bicycle lanes and leaving the car at home.
36	Community gardens. Improve or better access to local products and food. Supporting local before foreign. Canadian apples vs American apples. Ontario garlic vs garlic from China. Community Greenhouses to grow produce year round.
37	Eliminating an economy based on fossil fuel consumption.
40	No
43	Can't think of anything
45	No
46	No
48	More complete communities.
49	Discounts for residents who help out.
51	No
52	Widespread environmental education that can model behaviour so that infrastructure changes made will have lasting effects from generation to generation.
56	Shift to more energy efficient vehicles / autonomous vehicles
57	We also need to start think about reducing the number of cars on the roads. I know transit will



	help but we also need to create safer environment for cyclists.
58	No, but some of the ranking may actually be equal priorities i.e. cleaner air, preserving greenspace, less time in traffic and better transit access while reducing the need to use cars to get to it--such as the bramble go station--more parking being created--but you can't get out of there after getting off a train in rush hour for at least 20 minutes now--too much reliance on cars to get to the main transit line.
60	Shift public mindset by seeing the short-term and long-term benefits of the CEERP plan
61	Maintaining a good recycling program and promote the use of recycled products to companies and reduce the amount of packaging. Maintain tree planting in new sections being built
62	More green spaces are required and continue to ensure wildlife corridors running north and south are considered between Mississauga Brampton and Caledon
64	Support and fund events and organizations that promote sustainable environment and climate action. Currently nothing is forthcoming.
65	no
66	no
69	Creating a sustainable future for our community.
71	We need SMART traffic lights, and walk signs always working (not buttons to push) in school areas.
73	Benefits or tax credits/grants to tax payers of homes and owner operators of small businesses to add solar panels, clothes lines, transit passes,

	etc. Make it a life style, log the benefits, savings and accomplishments and non
74	<p>These positive actions in order to mitigate climate change are important but there are many other things that need to be part of the conversation. Yes, transportation, energy and green spaces are at the top of the list but other factors like, food, housing, biodiversity, plastic pollution, etc. that need to be considered. There needs to be a comprehensive vision/mandate that is reflected across all city services. Bylaws and education that focus on practical aspects of your Environmental plan should be the focus - instead of the outdated and harmful practices we always see reinforced. For example, there are recent city ad's (i.e., on the Garden square big tv, at city hall, on bus shelters) that have been running this summer that focus on how good neighbours cut their grass short enough! While we know that this practice is not good for the environment. In this instance, this same space could advocate for 'now mow' practices along with growing food and planting natives gardens. Please let me know if you need any clarification.</p>
76	No
77	No. Stopping climate change is most important right now, we don't have long left otherwise
78	FOR ME ALL THE BENEFITS ARE IMPORTANT, WORK, HEALTH, EDUCATION, WE HAVE TO BE ABLE TO DEAL WITH EACH OF THEM NOW AND FUTURELY.
83	na
84	Please add more electric vehicle charging stations throughout the City of Brampton. I use them at the recreation centres and while at work.

85	no
86	No
87	.
88	No
89	<p>The expansion project of HWY 410 is an urban/road planning failure. It is unsafe as it forces northbound multiple lanes to merge. It fails to take into account the vertical grade rising as it approaches the merge at Queen St. HOV northbound should end at Steels. The onramp lane from Steels should not be forced to merge Left, it should continue as the off-ramp to Clark like it was before the expansion project. The same as the southbound from Clark becomes the Steels off-ramp. The stop and go traffic only adds to unnecessary emissions.</p>
90	<p>Some real public safety benefits from : 1. No guns in the hands of public, 2.Increase the use of Technology to replace police presence for non-life threatening traffic situations/conditions.</p>
91	No.
92	<p>A green local economy (jobs) Skilled workers An economic niche for the city</p>
93	No
99	<p>Encouraging sustainable reuse of cultural heritage resources</p>
100	<p>I think taking a lead on energy efficiency could be a good opportunity to partner with other groups, organizations, universities to better understand which energy efficient options are the best.</p>

101	development of solar & wind & water generated energy
103	Social spaces
105	Youth employment
107	Meeting needs of racialized communities
108	No
110	No
111	Creating a more cohesive community working together for a sustainable future.
115	Subsidies for residents who opt for green energy generation or electric vehicles
118	Getting the whole community involved in creating a fruitful and beneficial environmental plan

5. In your own words, what does Brampton's ideal energy future look like in 2050?

ResponseID	Response
11	Green field developments buying into our district energy and our community energy and emissions reduction plan
12	100% fossil fuel free Local generation and consumption Smart grid distributed
13	Locally generated; clean and renewable; efficiently delivered and used; affordable for all but priced to avoid waste and encourage conservation.
14	Brampton has achieved a low-carbon, reliable energy supply with integrated systems connecting vibrant, walkable neighborhoods.
15	Brampton to be known as the most energy efficient city in Canada
16	renewable energy as the future.
17	Better planning decisions. Right now Brampton has huge shopping and business conglomerate. For example at Bovaird and Sandalwood. You wouldn't walk from Home Depot to Metro. Brampton is full of these poor decisions that force people to rely on cars. Huge expansive business centres that have no food or entertainment around them (Mississauga Road, entire strip) or expansive urban areas that continue to expand (Wanless and Chingcousy to Creditview). Brampton needs to take a hard look at how they have made decisions previously and how they want to make decisions going forward.
18	100% renewable energy production to match 100% of the energy demands of our City with a lower cost to the user than what is incurred today

19	Fewer cars on the road, better public transit and more solar energy use or better efficiency in energy use.
20	A clean, reliable energy grid that powers homes, offices, businesses, vehicles and the local economy; accessed, understood and invested in by all residents and users.
21	Reliable, affordable, technically flexible and zero carbon
22	100% fossil fuels free, Part of a smart grid with local energy production and distribution Part of a north American wide green economy
25	Brampton should be relying on a variety of sustainable energy resources. Such as solar and electric.
27	<ul style="list-style-type: none"> <li>- More buildings that are self-sufficient (w/ solar panels/green roofs, etc.)</li> <li>- Zum upgraded to full BRT with dedicated lanes.</li> <li>- Free transit</li> <li>- Minimum grid of bicycle lanes</li> <li>- no streets without sidewalks</li> <li>- general purpose traffic lanes removed to make room for transit, carpool, bike lanes, more sidewalks, trees, landscaping, etc.</li> <li>- No more subsidies to fossil fuel vehicles via parking requirements, etc.</li> <li>- Free or greatly reduced transit fares for everyone</li> <li>- Solar/wind farms instead of sprawling development at edges of Brampton</li> </ul>
29	Sustainable clean energy for all.
30	More solar energy used in public service, working with citizens to create public gardens to farm and grow food - farm to table. More rebates for homeowners of ALL INCOME levels to improve home energy efficiency

32	Sustainable clean energy use in a healthy environment.
33	I do not know about the subject to make a judgement. I always energy was a provincial thing, and I hope Doug Ford knows the difference between energy and education, or we are in big trouble.
34	Well used and plenty of green space, clean air, use of alternative energy sources, eg:wind, an accessible and energy efficient transit system, more bike paths
35	Unfortunately I will not be alive then. But for future generations I would like to see a more dense City without the huge box Malls with shops that people can walk too.
36	Solar powered Green roofs Incentives for business and general public to be green Better access for people in condos and apartments to recycling and compost Businesses that help people fix broken items instead of buy new Better accessibility for seniors to participate in Brampton.
37	Self sustaining, green, renewable, small-scale production, not reliant on fossil fuels.
38	I hope citizens will take more ownership for their individual energy and water consumption. This will need to be encouraged at all government levels.
39	Affordable more efficient & greener energy
40	Public transit will be cheap and more direct efficient.routes. Energy costs will be much lower and affordable. There will be better incentives for people to not waste energy.

41	Hopeful...I trust City Council to focus on our energy future...
43	Using renewable resources for energy. All buildings are green certified, either originally built that way or retrofitted. Requirements for homes to be energy efficient. Better public transit within Brampton and to other cities. (E.g., GO both ways to downtown Toronto throughout the day. More frequent service.)
46	Good public transit. Electric car charging. Less traffic. Solar panels and green roofs on city buildings.
47	All residents, businesses, organizations and industries in Brampton are moving to clean sustainable energy systems and retrofits, with a goal of zero harmful emissions by 2050.
48	Mandatory solar panels and thermal energy required for all building permits being issued. Incentive programs offered by the City for homeowners who convert to thermal energy. More public transit.
49	Lots of trees, discounts for renewable energy, and jobs related to energy.
50	Low environmental impact. Greater affordability and sustainability.
51	Electric vehicles, more recycling. Plastic free grocery stores, better commuting from Brampton to the Go station. No more traffic on the 410 and a revitalized downtown Brampton core.
52	All energy requirements are obtained locally and from sustainable sources with minimum impact on the environment.
53	I would provide incentives or offer solar panels in schools and public buildings and homes for them



	<p>to be self sustaining and have access energy given back to city to pay off panels. Condition of building in Brampton it to have them off the grid. By 2050. You are self sufficient and selling access to other cities. You need to set standards world class not follow others!</p>
54	Green and clean
55	<p>every household generates their own energy for basic domestic use and if excess generated, city can buy it back for credits that can be leveraged towards other city utilities like tax or water. Less emission and cleaner and greener surroundings. car pool incentives and efficient transit facilities to provide ample fresh air for next generation.</p>
56	<p>Much higher share of trips made using sustainable modes of transportation (with associated decreases in energy use and emissions ensuing from transportation). Intensified/mixed-use development that fosters short trips.</p>
57	<p>I see Brampton as a clean and green city with better and efficient transit system and lesser use of cars. Relying 100% on renewable energy.</p>
58	<p>I do not have a concept. But, I often wonder why when looking to green energy i.e. solar--there are farm fields being converted to place solar panels--why not in already disturbed urban areas i.e. industrial sites. Brampton is full of warehouses--with lots of roofs reflecting heat--why not compel development and re-development to include green energy through solar, green roofs to reduce runoff and reduce heat sink effect on these sites? These industrial sites are also surrounded with grass/invasive weeds. Why not compel industry to plant with native plants, reduce mowing, create storm</p>

	runoff ponds/gardens? Companies that participate could be incentivized in some way via tax breaks.
59	Best practices for providing low cost green energy to heat and provide electricity to all of our homes and buildings.
60	I would like to see reduced car usage because the public transit system is very convenient, affordable, and integrated with other transit networks, that it would be silly to have more than 1 car per household. The city's residents will have an energy-conservation mindset that allows them to be energy-wise and save money.
62	No reliance on fossil fuels, manage your own waste collection by setting up a recycling facility and providing jobs in that area - more oversight on developers to ensure sewage is correctly draining where it should and not into the local creeks. Need better transportation to other regions and all day train service to get people to rely less on the car.
63	a whole lot better and better educated people
64	We should be running on 100% clean energy
65	Energy from renewable sources near 100%
66	Brampton is self sufficient in terms of energy.
67	City of self contained energy production and use. Net zero buildings with comfortable energy efficient features. More physically fit population moving about with combined AT and transit on comfortable safe infrastructure within a healthy tree canopy.
68	We should have our own power generation, solar, wind or nuclear

69	100% from renewable sources. Energy efficient buildings. Convenient and efficient public transit combined with safe active transportation options. Compact complete Neighbourhoods with live work options. Local power and heat generation. Autonomous shared electric vehicles to augment the transit/AT network.
70	Innovative, new, ideas that help us take care of the earth
71	We must use every method available to slow down global warming!
73	Neighbourhoods filled with trees and plants that attract bees, butterflies and birds. Affordable transit that is every 5 minutes during high peaks and 15 minutes during mid peaks. More bike lanes, light rails in high traffic areas. Reduced automobile and truck access on busy roads that takes us home. They can purchase a pass to use the roads during specific hours, a lottery of sorts. Clothes lines in yards, with solar panels for storing energy. More community gardens and hobby farms in the city. Big box stores moved to the outskirts and mom and pops businesses in the city. Parks and schools embrace the above. Farmer markets year round
74	Responsible, local, sustainable, subsidized when needed, closed-loop. Energy needs to be linked to Waste Management,etc.
76	As per the above paragraph "By working together...climate change. Also playing together in our community as we reap the benefits of our commitment work.
77	I have no idea. Won't be here to see it, and things change so quickly now, new developments could happen to revolutionise energy production

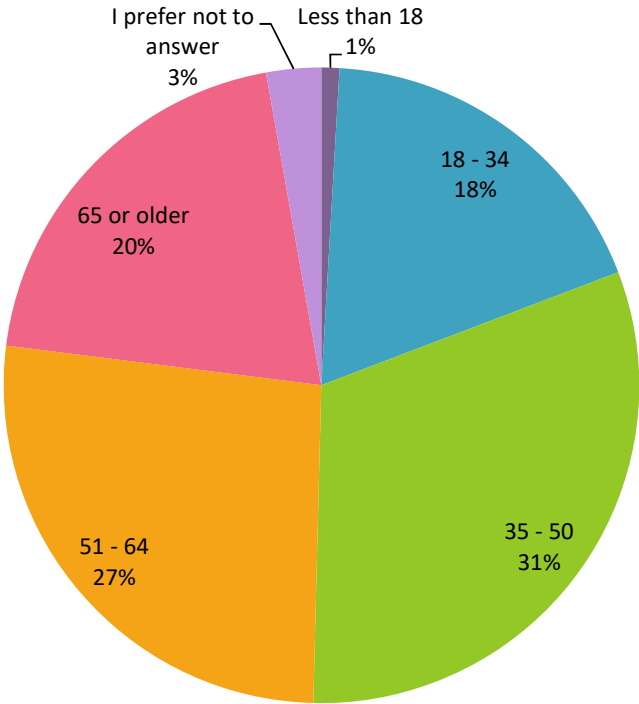
78	I hope I can be alive until then, yes I can give the right answer.
79	More solar panels on private homes, apartments, businesses. "Green" roof - where the City encourages something like a meadow on roof tops.
82	-a practical year-by-year plan to implement green energy production, leading up to 2050, starting with solar/wind/geothermal energy installations at all public buildings, public housing buildings, followed by minimum requirements for parking lot based solar farms, large roof solar installations for warehouses etc. - electrification of transit vehicles -bike share programs -electric/hybrid replacement of all public fleet vehicles -minimum green energy production requirements for suburban developments. Nearly every new rooftop in the suburbs should have a solar panel on them. - District energy as a mandatory requirement for greenfield developments. -gray-water recycling should be mandatory for new-builds ahead of 2050
84	Wow...2050 is really far away. We should be mitigating flooding from storm water, encouraging green energy by making it affordable alternative, encouraging green business to do business here in Brampton and strong education campaign with schools.
85	affordable energy
86	More options to cycle to work. Renewable energy. Cheaper public transit
87	Sustainable
89	Solar rooftops. Electric mass transit.

90	<p>Increase the use of solar energy by: 1. Developing plans (project feasibility report) by 2019 for having all city building roofs equipped with solar panels, all street light poles equipped with solar panels and all park light poles equipped with solar panels; 2. Requesting by early 2020, the required funds (70 % at least) from Provincial and Federal governments for the planned green energy projects ; 3. Implementing the green energy plans by phases as the requested funds are made available by other governments.</p>
91	<p>We are using solar, wind and geothermal. We have energy efficient buildings with rooftop vegetation to support pollinators and lots of trees. We can walk, bike or bus everywhere without inhaling car fumes.</p>
92	<p>One where communities all rely on renewables. Sheridan college expands programs to support the energy industry. Brampton supports multiple energy clusters giving people more working opportunities. Brampton is the sustainable Green Mecca of Canada. Public transit is efficient reliable and encourages sustainable densities</p>
93	<p>No</p>
94	<p>Using renewable energy sources that would Not harm our environment and fight climate change and create jobs and a vibrant green economy.</p>
98	<p>Resilient and equitable</p>
99	<p>Reliant on green energy forms with most power being generated by individual homeowners in some way/shape/form.</p>
100	<p>More homes will be generating their own energy and selling it back to different spaces in the city. Energy has become more affordable for citizens in this way. The reduction in GHG emissions</p>

	allows for better air quality so more people are able to enjoy being outdoors.
101	state-of the art, cutting-edge, informed, progressive, & innovative
103	Solar
105	Finding more advanced and unorthodox ways of using less carbon emissions within Brampton
108	Walkable, bikable, clean and green city. Local food local energy.
109	EV transportation and efficiency
111	100% from renewable sources. More local production and distribution of heat and power. Sustainable transportation network with the personal automobile totally replaced by efficient and affordable transit, car share, AT and AV options. Building retrofits with 50% of commercial and 25% of residential buildings being net zero. Retrofitting costs would be mostly paid for by carbon pricing.
112	Decentralized, home generation contributing to a smart grid distribution system.
115	Bleak at best. We need to get aggressive and reset the target for 2035!
117	Solar panels on every roof and parking lot, wherever it is feasible to install. Take advantage of economies of scale. Geothermal installations in parking lots and new builds.
118	World class city that net producer of green energy and carbon gas emissions neutral
119	Solar power on every new home with battery backup. Completely off grid, with excess sold to

	grid. City vehicles all electric, including buses, and emergency services.
120	Net Zero and aggressive climate adaptation plan to deal with emissions already produced.
121	Steering away from relying on non-renewable energy sources to renewable energy sources. Providing funding opportunities to promote the use of residents generating their own energy (i.e. solar panel roofs). Educating residents their options on how to reduce their energy consumption.

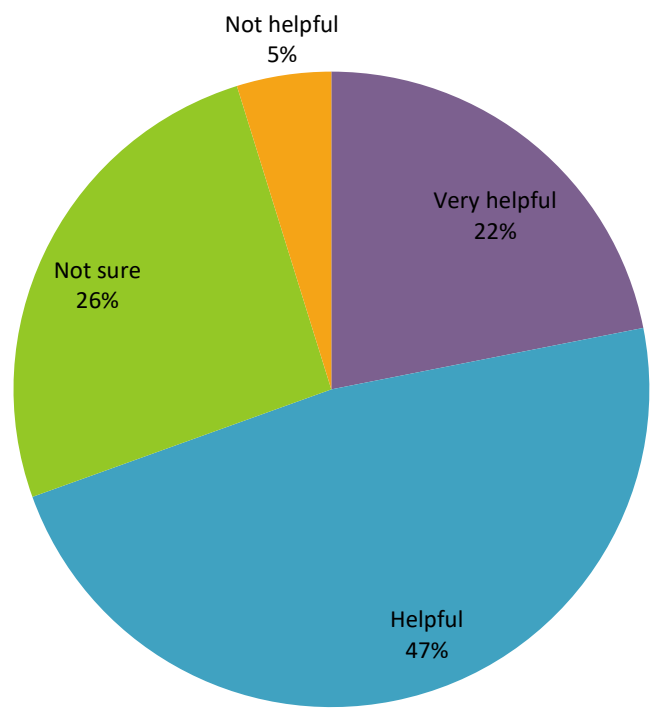
6.In which of the following age categories do you belong?



Value	Percent	Count
Less than 18	0.9%	1
18 - 34	18.3%	20
35 - 50	31.2%	34
51 - 64	26.6%	29
65 or older	20.2%	22
I prefer not to answer	2.8%	3
	Totals	109



7.How did you find this survey in understanding the benefits of community energy planning?



Value	Percent	Count
Very helpful	21.9%	23
Helpful	47.6%	50
Not sure	25.7%	27
Not helpful	4.8%	5
	Totals	105



## Appendix 5 - CEERP Communication Collateral

### Twitter/Instagram Tile



**CLIMATE  
CHANGE  
IS REAL!**

Find out what the City of Brampton is doing to tackle it.



Learn more about the Community Energy and Emissions Reduction Plan (ceerp) and provide your input [brampton.ca/ceerp](http://brampton.ca/ceerp)

### Info Card



**COMMUNITY  
ENERGY AND  
EMISSIONS  
REDUCTION  
PLAN**

**The City of Brampton, in partnership with Sheridan College, and the Community Task Force is developing a Community Energy & Emissions Reduction Plan (CEERP).**

The CEERP will create a roadmap to:

- improve energy efficiency;
- reduce greenhouse gas emissions;
- ensure energy security;
- create economic advantage; and
- increase resilience to climate change.

@BramGrowGreen   [www.brampton.ca/CEERP](http://www.brampton.ca/CEERP)   

# Brampton Community Energy & Emissions Reduction Plan (CEERP) ⚡



**\$1.8 billion**

is what our community spends on energy each year on all transportation, residential, commercial, and institutional activities.



In Partnership with  
Sheridan College



**\$1.4 billion  
(78%)**

**27%**  
of the energy that the community pays for does not reach our homes, buildings, or vehicles.

of those energy dollars leave the community.



This energy is primarily lost as heat when one form of energy is converted to another for our use, and through transmission and distribution.



## The Community Energy & Emissions Reduction Plan (CEERP)

will act as a guide to help the City, its residents, and businesses develop and adopt new best practices to improve our overall energy efficiency, reduce energy costs, and make positive economic and environmental impacts in our community.

The CEERP identifies local scale solutions to our **BIG** energy problems.



## Emissions

Current greenhouse gas (GHG) emissions for every Brampton resident are approximately **2x** greater than global best practice, and **10x** higher than Government of Canada's goals for 2050.

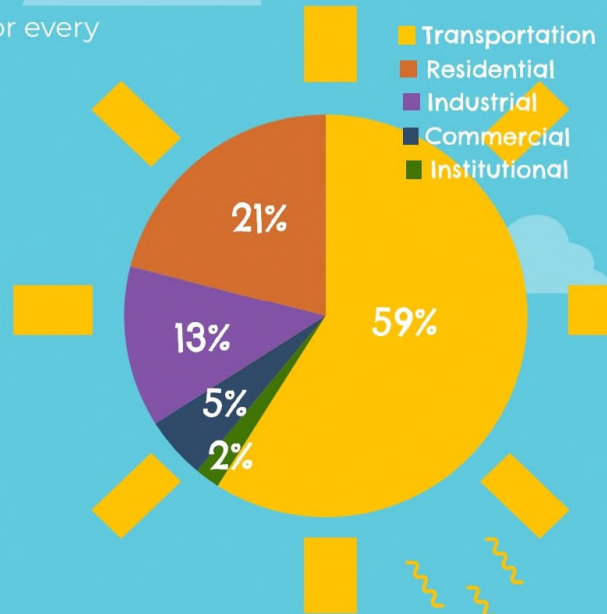
## Efficiency

On average, homes and buildings in Brampton are approximately **1/2** as efficient as global benchmarks.

## Transportation

Transportation accounts for at least **50%** of all energy costs and emissions in Brampton.

## Brampton's 2016 GHG Emissions



## The Community Energy & Emissions Reduction Plan is a road map that will:



improve energy **efficiency**



**reduce** greenhouse gas emissions



ensure energy **security**



create **economic** advantage



increase **resilience** to climate change



Industry and community leaders have come together to form a CEERP Community Taskforce to advise and collaborate on the development of the plan.



CEERP relies on the integrated efforts of the municipality, local utilities, industry, and the wider community.

Find out more:  
[www.brampton.ca/CEERP](http://www.brampton.ca/CEERP)

Follow us:  
[@bramgrowgreen](https://www.instagram.com/bramgrowgreen)



Help Brampton grow green and achieve the 2040 Vision of a sustainable, livable, diverse, and healthy city.

 **BRAMPTON**

**Sheridan** | Get Creative

## Open House Boards

### ENERGY & EMISSIONS IN BRAMPTON

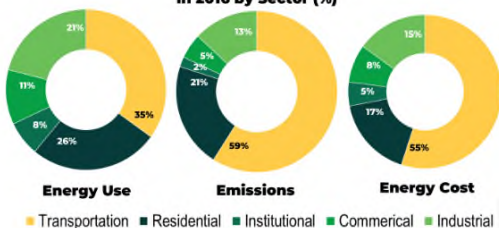
**OUR COMMUNITY SPENDS \$1.8 BILLION ON ENERGY EACH YEAR...**



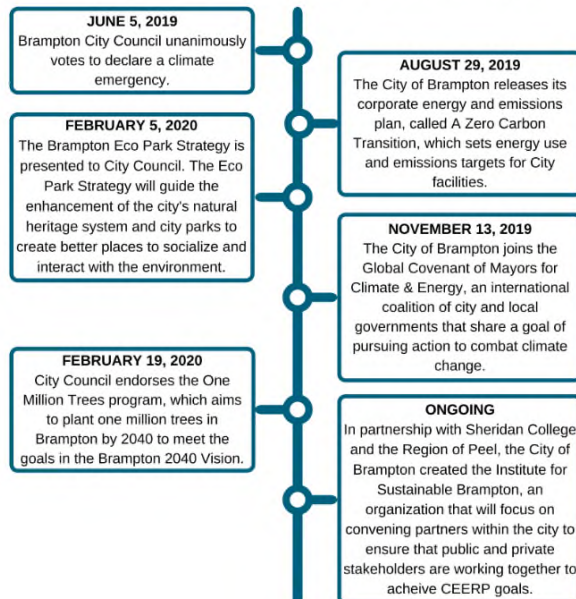
**\$1.4 BILLION OF THOSE ENERGY DOLLARS LEAVE THE COMMUNITY.**

**TRANSPORTATION ACCOUNTS FOR OVER 50% OF ALL ENERGY COST AND EMISSIONS IN BRAMPTON. RESIDENTIAL BUILDINGS ARE OUR 2ND BIGGEST EMITTER AND COST.**

**Brampton's Energy Use, Energy Cost and Emissions in 2016 by Sector (%)**



### CLIMATE MITIGATION IN BRAMPTON





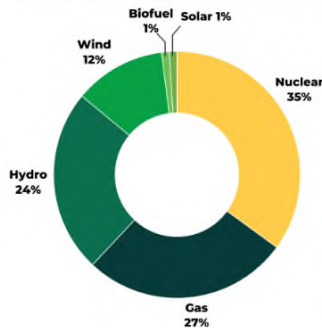
## WHERE DOES OUR ENERGY COME FROM?

### ENERGY SOURCES IN ONTARIO

Canada relies on fossil fuels to meet 80% of its energy needs. This has significantly increased the greenhouse gas emissions associated with our energy system. In 2019, Ontario's electricity mix was 35% nuclear, 27% natural gas, 24% hydro, 12% wind, 1% solar, and 1% biofuel. Up until the 1950s, Ontario's electricity system was almost 100 percent renewable hydroelectric power.

Most of our natural gas comes from outside the province and has been delivered by interprovincial pipelines since 1958. Gasoline and diesel are mostly sourced from crude oil, almost all of which comes from outside Ontario and is exported from western Canada, the Atlantic offshore, and the United States.

Ontario Energy Sources, 2019



### WHAT ARE SYSTEM LOSSES?

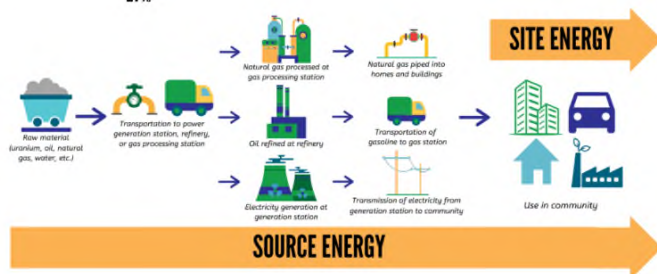
The introduction of non-renewable energy sources (i.e., fossil fuel and nuclear) to meet increasing energy demands has had two consequences: the creation of waste by products (i.e., the release of carbon dioxide into the atmosphere) and increased system losses.

System losses include conversion losses which occur when energy is transformed from one form to another and when energy is moved from location to another. System losses account for approximately 30% of all source energy use. These system losses reduce the efficiency of the system.

### HOW DOES ENERGY GET TO US?

Site energy refers to the energy purchased by consumers at the utility meter or gas pump. Source energy is both the energy purchased at the utility meter or gas pump and all the energy required in production and distribution to consumers.

Emissions and costs associated with energy aren't limited to the gas pump or hydro bill. There are many upstream emissions and costs associated with our sources of energy and community energy planning can identify local opportunities to reduce them.



## WHAT IS THE CEERP?

### BRAMPTON'S COMMUNITY ENERGY AND EMISSIONS REDUCTION PLAN

Brampton's Community Energy Plan takes a local lens to focus on community wide priorities and actions to reduce GHG emissions, increase energy efficiency, ensure energy security, create economic advantage, and increase Brampton's resilience to climate change.

### WHY HAVE A CEERP?

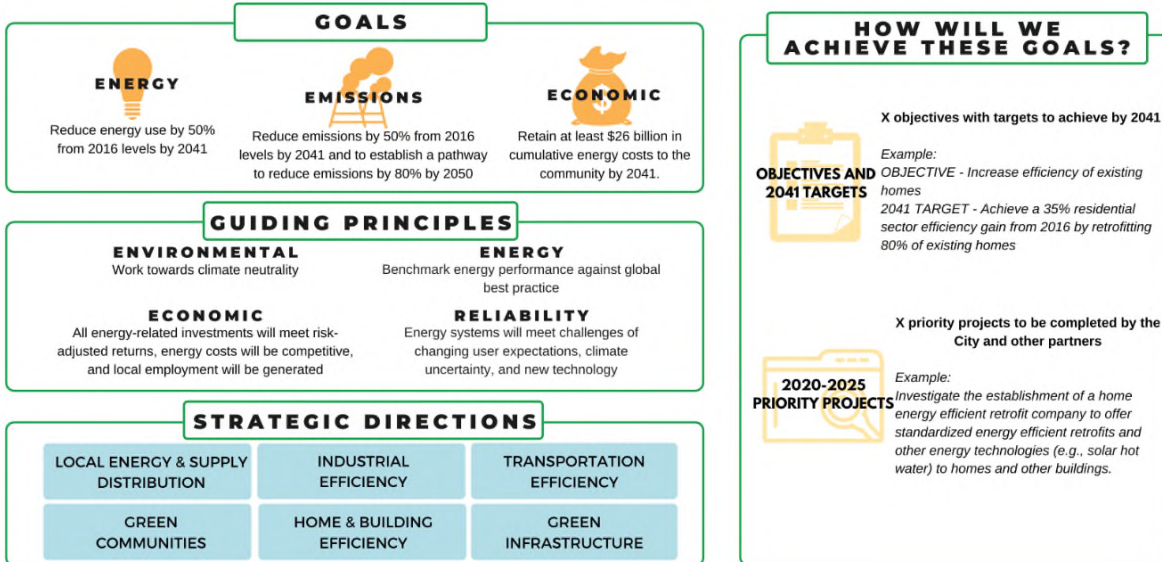
Human influences are changing the Earth, which is causing increases in average global temperatures. While the related effects are different by region, in Brampton the impacts of climate change have been felt through extreme heat events, flooding, heavy rainfall and ice storms. These events have significant impacts for our health, infrastructure, environment, and economy and are expected to continue and to increase in the future.

In addition to addressing climate change, another consideration is ensuring Brampton is positioned to manage the risks and capitalize on the opportunities associated with the modern energy transition - the global transition to a decarbonized global energy system. The CEERP is a opportunity for Brampton to be a leader and tap into the economic and social potential of this energy evolution.

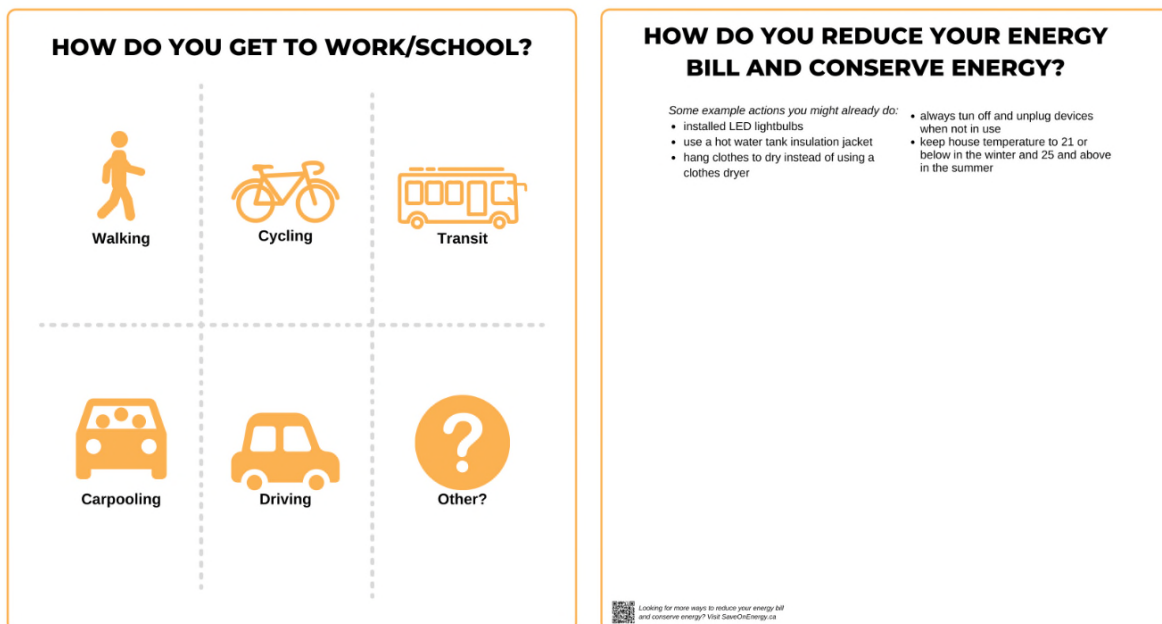


## CEERP FRAMEWORK

### BRAMPTON'S ENERGY FUTURE IS CLEAN, SUSTAINABLE, RESILIENT AND SUPPORTS THE BRAMPTON 2040 VISION



## ENERGY, EMISSIONS, AND YOU





## HOW CAN EVERYBODY CONTRIBUTE?



**Climate change is not an individual problem and does not have individual solutions. This means that the CEERP needs to be a community plan- everybody needs to contribute to reducing their impact on the planet.**

### INDUSTRY

- Design communities to facilitate future distributed energy systems, achieve sustainable transportation targets, expand tree canopy cover, and improve building energy efficiency
- Promote local employment opportunities in new communities and support retention of local employment in existing communities

### RESIDENTS - AT HOME

- Change your habits and actions to reduce your energy use and emissions (e.g. walk or take transit for some trips instead of a car)
- Retrofit your home to be more energy efficient
- Advocate to your municipal, provincial, and federal representatives to take action to reduce energy use and emissions

### RESIDENTS - AT WORK/SCHOOL

- Carpool, take transit, bike, or walk to work or school
- Set up a carpool group or walking bus to make eco-friendly transit more social
- Advocate for your workplace or school to adopt more energy-efficient and emissions-reducing practices
- Investigate energy efficiency retrofit opportunities

### MUNICIPALITIES

- Complete the Official Plan update to implement the CEERP
- Implement network improvements and undertake planning to increase transit service in Brampton and prioritize it as the preferred mode for travel in the City's Transportation Master Plan
- Develop a mechanism to value green infrastructure assets and their benefits

### BUSINESSES

- Share knowledge and best practices for energy and emissions planning
- Move towards a circular economy
- Offer more environmentally-friendly goods and services to customers
- Promote environmentally-friendly practices in the workplace, such as telecommuting

### COMMUNITY ORGANIZATIONS

- Develop partnerships, advocate for changes, and find new resources to advance sustainability goals
- Plan, coordinate, and deliver energy use and emissions reduction projects that link with CEERP priority projects
- Identify, track, and report on energy use and emissions reduction indicators

## COMMENTS

### WHAT MATTERS MOST TO YOU?

*For example...*

- building retrofit programs
- better transit
- business initiatives
- improved trail network
- mixed use communities
- green infrastructure (i.e. constructed wetlands for stormwater management)
- community gardens
- etc...

### WHAT DO YOU NEED TO REACH YOUR OWN ENERGY AND EMISSIONS GOALS?