

## APPENDIX A – EICS-10-23

### LIST OF COMMUNITY STAKEHOLDERS AND UPDATES

The community Stakeholder Advisory Committee was formed in 2012 to support the development and implementation of the original Community Energy Plan, which has now transitioned to the Burlington Climate Action Plan. The membership of the advisory committee consists of representation from the following groups:

- Andrew Pride Consulting
- BOMA (Building Owners & Management Association)
- BurlingtonGreen
- Burlington Economic Development
- Burlington Hydro
- Centre for Climate Change Management @ Mohawk College
- Enbridge Gas Inc.
- Halton Catholic District School Board
- Halton District School Board
- Halton Environmental Network
- Halton Region
- McMaster University - Institute for Energy
- Royal Botanical Gardens
- Burlington Sustainable Development Committee
- Sustainable Hamilton Burlington
- West End Homebuilders Association
- Councillor Rory Nisan (ex-officio member – attending in place of Mayor Meed-Ward)
- Mayor Marianne Meed-Ward (ex-officio member)

The following updates were provided by members of the Stakeholder Advisory Committee on the work that their organizations are involved to take action on climate change.

#### **Burlington Economic Development – Tech Place**

[TechPlace](#), led by Burlington Economic Development, is Burlington's one stop destination for new and growing technology companies. TechPlace's mission is to nurture entrepreneurial activity by connecting and supporting the development of talent, technology and resources that will ultimately lead to a stronger and more robust regional economy.

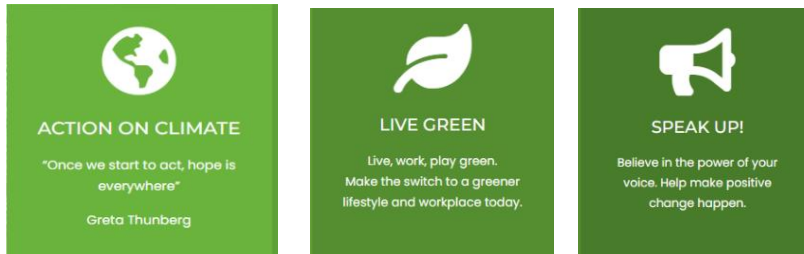
Notably, two TechPlace members in the cleantech sector are making significant strides. These companies have introduced impressive technologies and contributions that deserve recognition for their positive impact and potential for driving change.

[Innovia GEO](#) is decarbonizing the heating and cooling of our buildings and homes with innovative 'shallow' geothermal heating and cooling systems. Rather than having to drill hundreds of feet deep, Innovia GEO's "shallow" technologies can be installed as shallow as 30-100 feet deep enabling renewable and zero-direct emission geothermal heating and cooling for both new and existing low-midrise buildings. Innovia GEO recently won the 2023 City of Burlington Economic Development Award for Innovation and Technology.

[Feedback Solutions](#) is a growing Burlington based company, offering a highly effective and easy to implement method to significantly reduce GHG emissions produced by municipal, campus and commercial buildings. They have developed an innovative Demand Control Ventilation approach that can reduce HVAC related energy usage by up to 40%. Their hardware-enabled, AI driven software optimizes ventilation rates based on zoned, real-time occupant counts, utilizing best-in-class people counting sensors (the sensors do not require recalibration and do not collect any personal data). Transmission of these counts via BACnet, to the Building Automation System ensures ventilation adjustments based on actual occupant demand, ensuring energy conservation without compromising personal privacy or comfort. Beyond environmental benefits, clients can also leverage the data to enhance operational decision-making and asset utilization. Feedback offers an important, cost-effective ECM (Energy Conservation Measure) for facility operators to reduce their carbon footprint without the need for a deep retrofit.



Some of BurlingtonGreen's climate mitigation and adaptation initiatives accomplished and underway through our 'triple A' - awareness, advocacy and action approach are as follows:



**New BG home (Eco-Hub):** established at the popular Burlington beach to profile and provide local solutions to action on climate change via programming, events, resources and demonstration features. NEW August 2023 - Climate Connections: local action for the climate emergency via community outreach and an online campaign.

**E-Mobility:**

Completed production of Burlington E-Mobility Strategy in partnership with the City, and currently executing various implementation items such as:

- [Make the Switch e-mobility](#) community outreach and online campaign
- Share Your EV Story inspiring online engagement
- Oct 1, 2023 Action on Climate Day event featuring Plug N’ Drive & Better Homes Burlington
- Fall 2023 launch event of EV charging station at beach/ BG Eco-Hub demonstration feature



**Home Energy:**

Hosting of local solutions home retrofit/energy conservation events and awareness campaigns:

- February 2023 - Eco Home Tour (hybrid event)
- June 2023 - Getting Your Home To Net Zero (in person event)
- Another Eco Home Tour planned for fall 2023 to promote Better Homes Burlington
- Coming soon: Heat pump demonstration feature at BG Eco-Hub at the beach
- [Make the Switch home energy](#) community outreach and online campaign

**Active and Public Transportation:**

- Year-long outreach and awareness campaign

- National Bike Month with June 1 kick-off event with City participation, giveaways, and new bike rack /repair station installation
- [Make the Switch sustainable transportation](#) community outreach and online campaign

### **Natural Solutions to Climate Change:**

- Community Tree planting - April 2023 - 500 native trees added to Burlington's tree canopy at Millcroft Park
- [Nature Friendly Burlington](#) - popular programming connecting more of the community to local green space, stewardship opportunities and to a multitude of benefits nature inc. pollinators to combat and adapt to climate change.
- September 2023 - various urban forest programming including Ask an Arborist webinar, Burlington Tree Photo contest and in-person TLC (Tree Loving Care) event with the City Forestry Dept.

### **Zero Waste:**

- Plastic Free campaign (fossil-fuel climate accelerating issue/pollution) - nurdle/microplastics hunting/clean-ups at the beach, plastic-free awareness online campaign
- City-wide community clean up (March through Oct) - 12,500+ participants
- Event greening service (various Burlington festivals and events) promoting active, low-carbon transportation, waste diversion, reduced meat consumption, and more, to event organizers and participants
- Spring and Fall Zero Waste Drop Off Days: electronics and Terracycle items collections (at the Burlington Centre)

### **Advocacy:**

- Production of candidate surveys and [election information resources](#) for 2022 municipal and provincial elections for user-friendly 'one-stop' resource for the community to source candidate positions on climate change and various priority environmental issues
- Ongoing [awareness campaign](#) informing the community to share their valued voices on a variety of issues to protect the environment and take action on climate. BG spoke up on various issues throughout 2022 and 2023 such as: Bill-23-the More Homes Built Faster Act
- Calling for national Climate Change Adaptation Strategy Focused on Nature
- Burlington City Council supporting a [Bird-Friendly city certification](#)

- Halton Region Council to accommodate population and employment growth within Halton's existing Regional Urban Boundary to 2041 and to develop a framework for planning for growth from 2041 to 2051
- [Input](#) to City regarding proposed changes to the Tree Protection Bylaw
- Reducing emissions from Canada's logging industry
- Moratorium on all new gravel mining approvals
- Cedar Springs New Natural Gas Pipeline Deferral
- Nelson Quarry application -submissions and objector status
- Establishment of new National Marine Conservation Areas in the Great Lakes
- Opposition to Hwy 413 and investment in priority sustainable transportation advancements
- Robert Bateman community project - greenspace/parking input
- Protection of the Great Lakes: reject the Line 5 Oil Pipeline
- Effective deposit-return system for non-alcoholic beverage containers in Ontario

**Other:**

BurlingtonGreen's Executive Director serves as a founding member of the BACCC providing subject matter expertise including effective community engagement strategy and practices. BurlingtonGreen also serves on the City's Climate Action Plan Stakeholders team and participated on the City's Adaptation Plan advisory group.

The [BurlingtonGreen Youth Network](#) organizes and hosts monthly Y4CA (Youth for Climate Action) presentations and hands-on workshops for local youth engagement, empowerment and tangible action on climate change.

BurlingtonGreen's popular website and monthly e-newsletters and various social media platforms continuously aim to 'connect the dots' for community awareness on local solutions to address to take action. A few examples include: [Action on Climate](#), [Live Green](#), [Shop Local Buy Green](#) and [Smart Community](#) resources.

## **Halton Region**

### **1) Funding to Environmental Groups through the Halton Region Community Investment Fund (HRCIF):**

The HRCIF enhances the health, safety and well-being of Halton residents through funding to non-profit human service programs and initiatives. The HRCIF supports a holistic response to human service needs and is part of Halton's approach to Community Safety and Well-Being (CSWB) planning. The listed projects were approved because of the impact on Halton residents that are vulnerable to negative health or social outcomes. While many of these listed organizations are active in Halton's

environmental sector, the HRCIF grants do not have a direct climate or environment focus.

- **BurlingtonGreen Environmental Association Inc.**  
\$33,765 over one year to provide guided outdoor activities including walks, gardening skills, social engagement and volunteer opportunities for isolated older adults.
- **Country Heritage Agricultural Society**  
\$29,990 over one year to use a growing container unit to produce a greater variety of food more sustainably in order to support people who are food insecure.
- **Halton Environmental Network**  
\$204,317 over three years to support community garden programming in Halton Community Housing Corporation communities to improve food security and reduce isolation as well as provide community garden education for organizations supporting vulnerable individuals.
- **Oakvillegreen Conservation Association**  
\$30,000 over one year to provide guided outdoor activities including walks, gardening skills, social engagement and volunteer opportunities for older adults who are isolated.

## 2) **Initiatives highlighted in the Halton Region 2023-2026 Strategic Business Plan for future implementation:**

The Region is committed to protecting the environment and taking action to address climate change. Reducing our collective carbon footprint to mitigate the impacts of climate change is a priority. On June July 12, Council confirmed this priority with the approval of the Halton Region Strategic Business Plan that outlined the following priority actions for 2023-2026:

- Establish a corporate greenhouse gas emission target
- Develop a Corporate Climate Action Plan to achieve the greenhouse gas emission target
- Implement Green Fleet initiatives
- Develop an implementation plan, including a financial plan, for the Energy Strategy
- Implement the Healthy Environments and Climate Change guideline from the Ontario Public Health Standards
- Complete energy audits on corporate facilities and HCHC (Halton Community Housing Corporation) properties and implement recommendations

- Support the work of the local municipalities and community partners in establishing a community greenhouse gas emission target for Halton
- Support the work of the local municipalities and community partners to develop a community climate action plan
- Educate and engage the community on climate adaptation initiatives
- Investigate partnerships to support a coordinated region-wide community climate action plan program
- Support the Local Municipalities as Regional Planning responsibilities related to the environment including Natural Heritage, Agriculture and water resources as outlined in Bill 23
- Continue to participate in the Cootes to Escarpment MOU
- Continue to participate in the Great Lakes and St. Lawrence Cities Initiative
- Reduce the amount of garbage produced, extend the life of the landfill and address climate change through lowering carbon emissions by implementing the Solid Waste Management Strategy
- Implement changes to the Blue Box program in accordance with Provincial requirements related to producer responsibility
- Establish service levels and requirements for waste collection in anticipation of the expiry of the current contracts

### 3) **Other Initiatives**

- Waste pilot project  
<https://edmweb.halton.ca/OnBaseAgendaOnline/Documents/ViewDocument/PW-07-23.docx?meetingId=4380&documentType=Minutes&itemId=124702&publishId=74846&isSection=false>
- Basement flooding <https://www.halton.ca/For-Residents/Roads-Construction/Construction-Projects/Basement-Flooding-Program>
- Lead partner in [Halton Children's Water Festival](#)