



## **Presentation on Clean Air Council Declaration 2023-27**

Desislava Stefanova

### **Presenting to**

Mississauga Council Members

November 15, 2023



**Clean Air Partnership (CAP)** is a registered charity that works with municipalities and their partners to advance the ambition and implementation of clean air and climate actions. CAP serves as the secretariat for the Clean Air Council.

**Clean Air Council (CAC)** is Canada's largest peer-to-peer municipal climate action network, representing over 40 municipalities covering 78% of Ontario's population.



Our vision is that Canadian communities are sustainable, healthy and resilient

## Approach

*CAP responds to emerging needs through provision of services across three key areas*



### Research & knowledge transfer

We deliver timely research and distill emerging knowledge into accessible formats for decision-makers



### Convening networks

We bring together experts to share their experiences, minimize redundancy and maximize use of resources



### Catalyzing action

We advance the scale-up and implementation of climate action



## Clean Air Partnership



- GHG Emissions Inventory
- Municipal Transportation Inventory
- Market Analysis and Program Design for Municipal Retrofit Programs



- Municipal peer-to-peer climate action network
- Clean Air Council Declaration on Climate Change
- Climate Action Atlas
- Climate Implications Repository
- Workshops and Webinars
- Other Resources



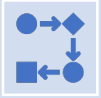
- Advancing Active Transportation (AT) in GTA and beyond
- On the ground AT programming
- Advancing AT research and policy – Vision Zero, Complete Streets, Mobilizing Justice





- **40+** MEMBER MUNICIPALITIES
-  SHARED PLATFORM
- **35+** WORKSHOPS & WEBINARS

- **250+** RESOURCES
-  BI-WEEKLY NEWSLETTERS
-  COLLABORATIVE PLATFORM
-  JOINT SUBMISSIONS



Saves staff time during the design, planning and implementation stages.



“Who else is doing that, what did it cost, what did it achieve”?



Each jurisdiction allocating staff resources to research that individually is prohibitive and wasteful.



Sharing experiences and lessons learned reduces the need to recreate the wheel and mistakes.



Allows for the ability to do more with less.



## Notable achievements by CAC Members



**19+ million**

Tons of Carbon emissions reduced.  
Equivalent to 77 million km. of car trips



**11.4 million**

People or 78% of Ontario's population represented



**1000+**

Sustainability and climate action initiatives completed



**9000+**

Municipal staff and expert practitioners engaged in climate action initiatives



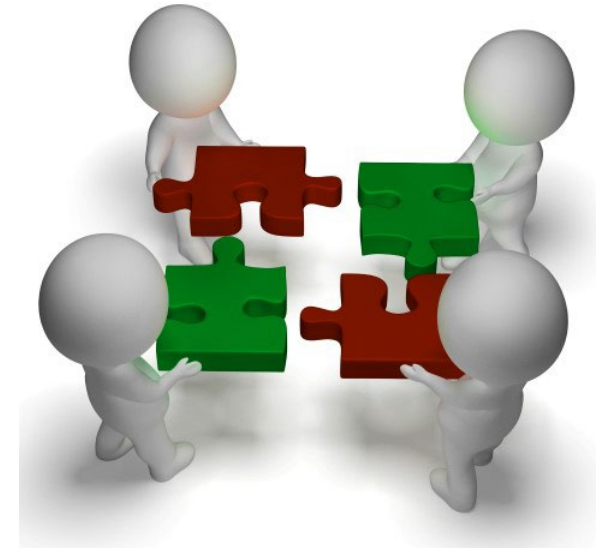


- Updated every council term
- Member driven priorities
- Collective approach
- Reporting on implementation progress
- [Access here](#)





- Clean Air Council members report on their upcoming priority actions
- Actions where there is enough commonality in priority across the network get added to the Declaration
- Continually identify upcoming emerging action areas and bring it to the network



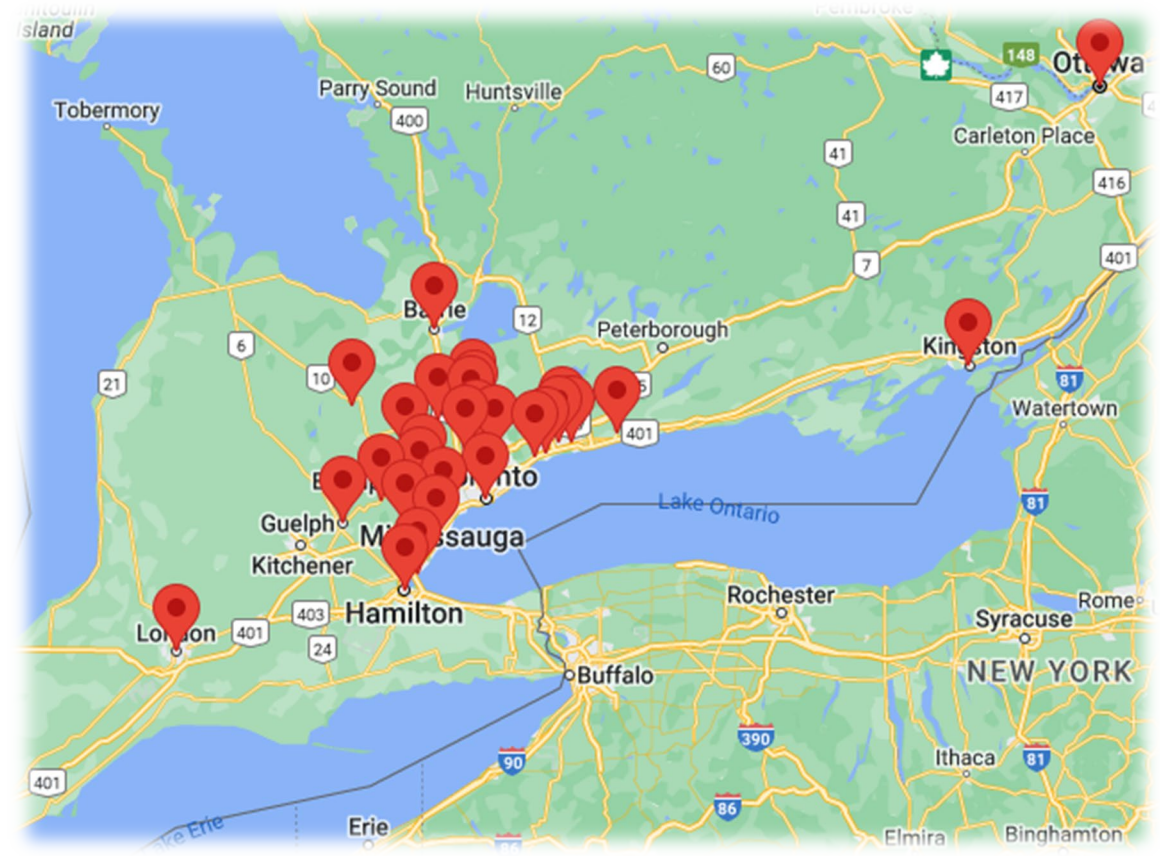


- Corporate climate action - resilience and mitigation
- Financial mechanisms for low-carbon actions
- Climate accountability
- Reducing building emissions
- Transportation emissions reduction
- Integrating climate considerations into municipal decision-making



The Climate Policy Database allows municipalities and communities to explore what **policies** have been developed by the municipalities **to address climate change**.

Policies being tracked span across different municipal sectors, including transportation, land use, buildings and more.





- **35+** member municipalities have declared a Climate Emergency\*
- **11** members have Green Development Standards (5 in 2019)
- **23** members have an Adaptation/Resilience Plan (9 in 2019)
- **15** members have Green Fleet Action Plan (7 in 2019)
- **7** members have Community Retrofit Program (1 in 2019)



## Mississauga

Actions	Description	Links
<b>Active Transportation Plan</b>	The City has a Pedestrian Master Plan approved in June 2021 and is updating the current Cycling Master Plan approved in 2019. The Pedestrian Master Plan has been informed by several municipal and regional planning documents and guidelines that contain walking and active transportation-related policies, plans and goals.	<ul style="list-style-type: none"> <li>• <a href="#">Pedestrian Master Plan</a></li> </ul>
<b>Community Climate Change Action / Environment Funds</b>	The Community Grant is not exclusive to climate actions; it is a community granting program that supports non-profit sector development.	<ul style="list-style-type: none"> <li>• <a href="#">Community Grant</a></li> </ul>
<b>Community Adaptation / Resilience Plan</b>	Mississauga's Climate Change Action Plan, 2019 is a corporate and community plan with mitigation and adaptation actions.	<ul style="list-style-type: none"> <li>• <a href="#">Climate Change Action Plan, 2019</a></li> </ul>
<b>Community Emissions Reduction/ Mitigation Plan</b>	Mississauga's Climate Change Action Plan, 2019 is a corporate and community plan with mitigation and adaptation actions.	<ul style="list-style-type: none"> <li>• <a href="#">Climate Change Action Plan, 2019</a></li> </ul>
<b>Community EV Strategy</b>	City of Mississauga adopted the Peel Region ZEV Strategy.	<ul style="list-style-type: none"> <li>• <a href="#">Peel Region ZEV Strategy</a></li> </ul>
<b>Community GHG Reduction Targets</b>	The Climate Change Action Plan set a goal for the City to reduce community GHG emissions by 40% by 2030 and 80% by 2050 (below 1990 levels).	<ul style="list-style-type: none"> <li>• <a href="#">Climate Change Action Plan, 2019</a></li> </ul>
<b>Community Retrofit Program</b>	The City is working with the City of Brampton and Town of Caledon to design a home energy retrofits program for single-family homes.	<ul style="list-style-type: none"> <li>• <a href="#">Peel Residential Energy Program</a></li> </ul>
<b>Complete Streets Policy</b>	The Complete Streets Guide, 2022 is in its fourth and final phase: Implementation. The Guide provides design considerations, parameters and example cross-sections for street design and operations. Among other design considerations, the Guide incorporates green infrastructure strategies within all new and retrofit street designs to improve the environmental health, comfort and visual appearance of Mississauga streets.	<ul style="list-style-type: none"> <li>• <a href="#">Complete Streets Guide, 2022</a></li> </ul>



<b>Corporate Adaptation / Resilience Plan</b>	Mississauga's Climate Change Action Plan, 2019 is both corporate and community and has mitigation and adaptation actions.	<ul style="list-style-type: none"> <li>• <a href="#">Mississauga's Climate Change Action Plan, 2019</a></li> </ul>
<b>EV Ready Requirements in GDS / Parking By-law</b>	The Mississauga's Zoning By-law 0225-2007 was updated and came into effect June 8 2023. It states 10% of parking spaces be EV ready for non-residential and 20% of parking spaces be EV ready for residential. Single home with a garage now requires a 220 volt.	<ul style="list-style-type: none"> <li>• <a href="#">Mississauga's Zoning By-law 0225-2007</a></li> </ul>
<b>Municipal Fleet Electrification Plan</b>	The Green Fleet and Equipment Policy prioritizes investment in low and zero-emissions fleet, equipment and infrastructure; the Electric Vehicle Charging Station Standard will guide the installation of electric vehicle chargers on City property.	<ul style="list-style-type: none"> <li>• <a href="#">Green Fleet and Equipment Policy, 2020.</a></li> </ul>
<b>Net Zero Municipal Facilities Commitment/Standard</b>	Climate Change Action Plan, 2019 sets a long-term goal of net zero. A new fire station is being built to net zero energy. The City also has a Corporate Green Buildings Standard with tiered approach with Tier 3 being aligned with net zero and expected to be implemented starting in 2030.	<ul style="list-style-type: none"> <li>• <a href="#">Climate Change Action Plan, 2019</a></li> <li>• <a href="#">The City of Mississauga's Corporate Green Building Standard, 2019</a></li> </ul>
<b>Community Emissions Reductions Progress Report</b>	The Climate Change Action Plan is the City's 10-year roadmap for addressing climate change. It sets out the actions the City is taking for its own municipal operations and how it intends to encourage the community to get involved. Annual progress reports are developed to track implementation updates and are shared on a city's website.	<ul style="list-style-type: none"> <li>• <a href="#">Climate Change Progress Report, 2020</a></li> </ul>
<b>Urban Agriculture Plans</b>	Urban Agriculture Strategy is geared at encouraging healthier lifestyles, empowering the community to learn new skills about growing and harvesting produce and supporting local businesses with ties to urban agriculture.	<ul style="list-style-type: none"> <li>• <a href="#">Urban Agriculture Strategy, 2022</a></li> </ul>
<b>Urban Forest Plans</b>	Urban Forest Management Plan, 2014-2033 is a 20 year plan to guide the management of urban forests.	<ul style="list-style-type: none"> <li>• <a href="#">Urban Forest Management Plan, 2014-2033</a></li> </ul>





- [Active Transportation Plan - 31](#)
- [Community Adaptation / Resilience Plan - 25](#)
- [Community Climate Change Action / Environment Funds - 20](#)
- [Community Emissions Reduction/ Mitigation Plan - 29](#)
- [Community Emissions Reductions Progress Report - 19](#)
- [Community EV Strategy - 20](#)
- [Community GHG Reduction Targets - 31](#)
- [Community Retrofit Program - 28](#)
- [Complete Streets Policy - 25](#)
- [Corporate Adaptation / Resilience Plan - 21](#)
- [EV Ready Requirements in GDS / Parking By-law - 13](#)
- [Green Development Policies \(GDS\)- Community - 17](#)
- [Green Roof Requirements in GDS / By-law - 12](#)
- [Municipal Fleet Electrification Plan - 27](#)
- [Net Zero Municipal Facilities Commitment/Standard - 24](#)
- [Urban Agriculture Plans - 18](#)
- [Urban Forest Plans - 25](#)

[Mississauga](#)

Plans in 15 of 17  
actions

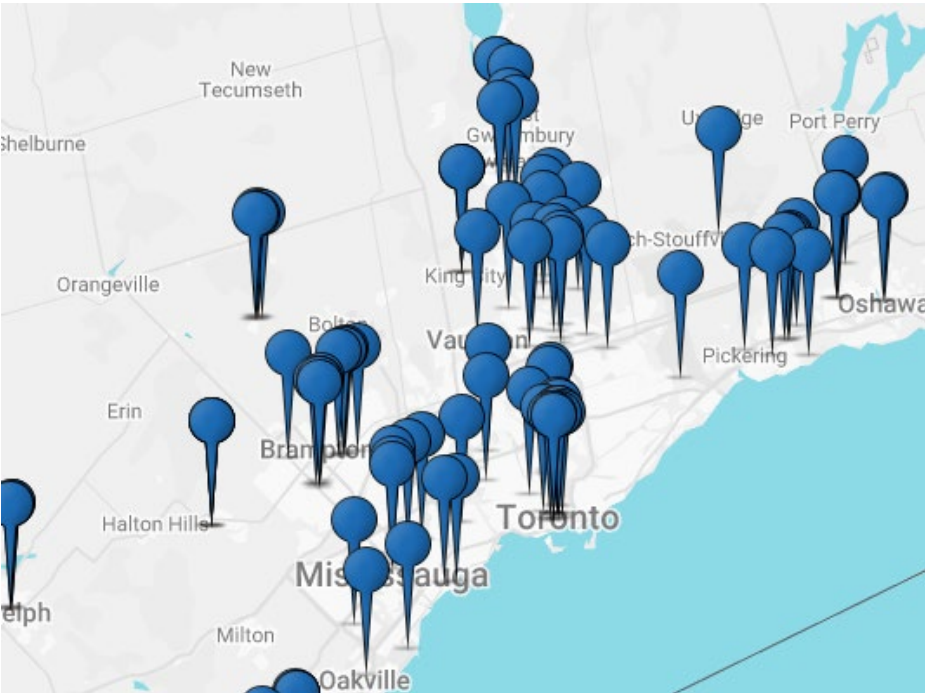
[Brampton](#)

Plans in 16 of 17  
actions

[Toronto](#)

Plans in 17 of 17  
actions





Mississauga - Jim Tovey Lakeview Conservation Area



Mississauga Burnhamthorpe Community Centre Renovation



Mississauga EV Chargers



Mississauga EV Fleet Vehicles



Mississauga Net Zero Municipal Building



Mississauga Renewable Energy Projects

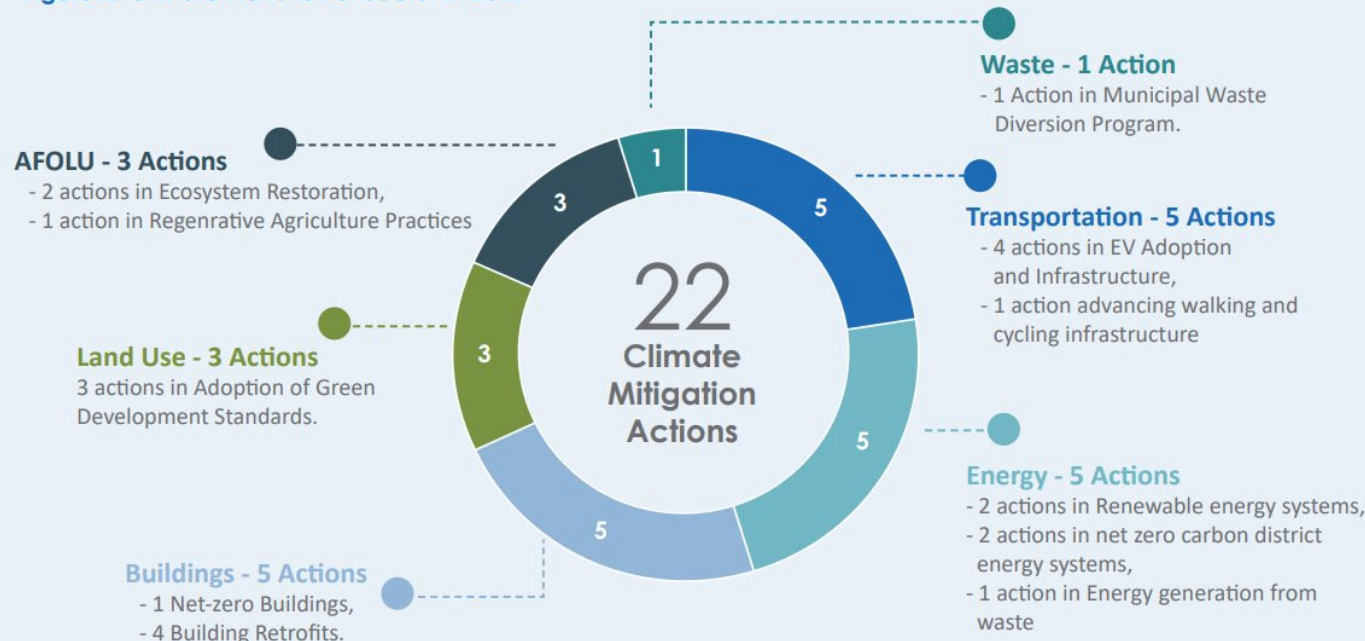


Mississauga Transit Advancement



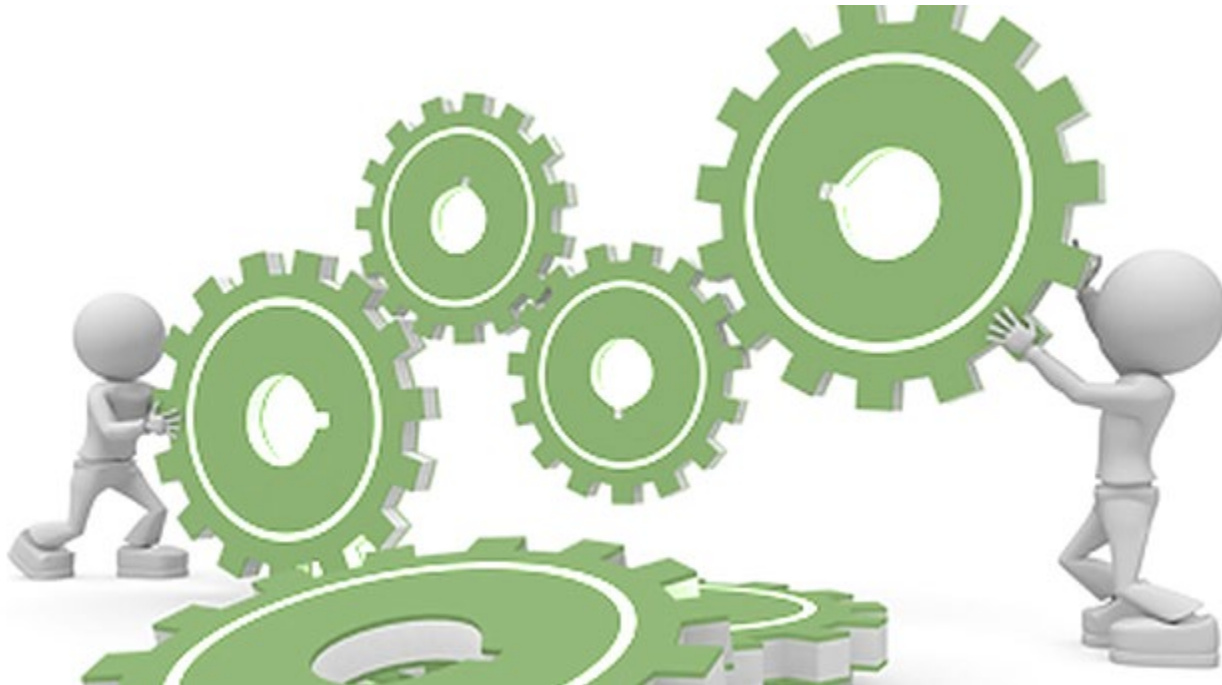
The Climate Action Atlas consists of 132 ambitious climate mitigation actions taken by the CAC member municipalities from 2015 to present.

Figure 2: Climate Actions Per Sector in 2022



## Best Practices:

- [York Region's Share, Reuse, Repair Hub](#)
- [Kingston's Electric Ice Resurfacers](#)
- [London's My Heat Solar Platform](#)
- [Durham Greener Homes](#)
- [The Ajax Green Standard](#)
- [Barrie's Retrofit and Upgrade of Sunnidale Stormwater Management Facility](#)



- OCC is an Ontario subset of the national Climate Caucus network. Focus on Ontario specific climate issues.
- Climate Caucus is a non-partisan network of more than 600 Mayors and Councillors from across Canada.
- All Mississauga council representatives were invited by email; one joined.
- If you are interested in joining the OCC, you can sign up [here.](#)



We ask that the City of Mississauga Council endorse the 2023-2027 Intergovernmental Declaration and continue to work with CAC members to improve air quality and address climate change.



# Thank you!

Desislava Stefanova

Outreach Manager

[dstefanova@cleanairpartnership.org](mailto:dstefanova@cleanairpartnership.org)

<https://council.cleanairpartnership.org>