



Clean Air Partnership

Annual Report 2022



Letter from our Executive Director



Gabriella Kalapos
Executive Director

With numerous setbacks and continued delays on climate action over the past year, 2022 was yet another year when the scale of climate action failed to meet the ambition needed to make inroads into our climate crisis. It can be demoralizing to reconcile the huge amount of work that goes into advancing net zero emission buildings, green standards or retrofit programs, only to see those reductions continually dwarfed by continued investment in fossil fuels. Be it decisions to weaken our electrical generation systems by adding fossil gas plants or extending gas pipelines to new communities and subsidizing that expansion off a stressed existing rate base, these are not decisions we should be seeing in 'advanced' western economies.



Highlighting the 'be the change you want to see in the world' philosophy, Ontario municipalities must continue to lead on climate change, supported by all levels of government. Ontario municipalities have set ambitious climate targets, but need to be supported by provincial and federal governments to follow through on their commitments. We all play a role in making this change happen. A lack of climate leadership from one order of government doesn't change the fact that we must all strive forward in their absence.

In 2022, Clean Air Partnership worked hard to advance climate ambition and accountability by delivering 57 webinars, engaging over 7,000 participants. We welcomed new team members and advanced new projects to address the priorities of our stakeholders in areas including home energy labelling, residential retrofit program design, and fleet vehicle electrification. We also welcomed new Clean Air Council members from all regions of the province.

The advancement of climate accountability frameworks was a focus for CAP in 2022. Our Climate Atlas showcased municipal climate actions across the province, inspiring the uptake of new and creative approaches to reduce emissions. The Climate Implications Repository was created to provide a one-stop shop for tracking and accessing municipal climate implications. The Municipal Climate Decisions calendar was also created to encourage municipal meeting attendance, increasing accountability around municipal decision making.

The Centre for Active Transportation (TCAT) continued to advance suburban cycling in Newmarket and Markham, through the delivery of community pop-up bike booths,



advance equity in active transportation, TCAT continued to advance Mobilizing Justice, improving our understanding of how Canadians experience transport poverty and how community initiatives can be developed in response. TCAT also built on our rich history of program research evaluation, working with the City of Toronto to develop a Complete Streets vision for Eglinton Avenue.

When I get depressed about the implementation gap between where we are and where we need to be on climate action, I ponder how we often look back on previous generations and think “how could they have been so backward?, why did they accept unacceptable things! (restriction of women’s suffrage, racial segregation, LGBTQ discrimination). Looking back provides me with hope knowing that things do change. I am willing to wager that next generations will look back at us and wonder, what took them so long to get their act together?! And roll their eyes at us.

CAP staff are proud to work at an organization that is helping to make a difference. Climate failure is not an option, we can and must rise to the occasion the climate imperative presents. We look forward to working with our partners to continue the important work of building a sustainable, equitable, and resilient society that will make us and future generations proud of humanity.



Letter from our Board Chair



Daniel Carr
Chair of the Board of
Directors



Hello and thank you for giving your attention to the Clean Air Partnership 2022 Annual Report. As described in the forthcoming pages, our team worked energetically and with purpose to advance CAP's mission over the past year and has much to show for these efforts. While we continue to face vigorous pressure from the global drivers of climate change, our steady determination drives us to foster low-carbon, resilient communities in Ontario able to meet the challenges that our future brings.

Among the major developments undertaken by CAP in 2022 was the completion of our triannual strategic planning process that incorporated feedback from members of our stakeholder community, staff, and Board members. The resulting strategy reiterates CAP's mission and vision, while including a new focus on offering deeper support to municipalities working to make big strides towards sustainability. In 2023 we look forward to operationalizing the strategy and seeing it in action.

CAP's project work continued to be influential with municipalities and community members. One new project that we expect will contribute to meaningful dialogue and scale-up of promising initiatives is the Climate Implications Repository, which helps municipalities understand how their decisions affect our climate, adding climate accountability to their decision making. CAP enables municipalities to adopt policies addressing climate change through robust analysis of the implications of such policies, leveraging our unique relationship with Ontario municipalities and our institutional knowledge of municipal climate actions. The Clean Air Council hosted 42 events and published guides on municipal EV adoption, energy planning and the development of sustainability metrics. The Centre for Active Transportation continued the implementation of its vision for increasing the share of transportation from walking, cycling and transit, and showed leadership in promoting equity and community engagement in transportation.

The Board was privileged to have four new members join us in 2022, and we welcome Aidan Grove-White, Dan Mathieson, Eric McGoey and Sheila Ritson-Bennett. We are deeply grateful for the steadfast commitment and contributions made by outgoing members Vicki Gagnon, Susanne Gossage, Tony Iacobelli and Brian Kelly over the preceding 6 years. Thank you for leaving a part of yourself with CAP.

As Chair of CAP's Board of Directors, it is my honour to express the Board's confidence in CAP's Management and Staff. There is much work to be done; and we are proud to be part of the organization that is playing such a critical role in helping our communities meet the needs of the eventful years ahead.

A handwritten signature in blue ink, appearing to read "Daniel Carr".



About Us

Headquartered on the traditional territories of first nations including the Mississaugas of the Credit, the Anishinaabeg, the Chippewa, the Haudenosaunee and the Wendat peoples also known as Toronto, Canada, Clean Air Partnership (CAP) was founded in the year 2000. CAP is a charitable environmental organization that works in partnership to implement climate action by reducing greenhouse gases and build healthy communities.



Our Vision

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

Our Mission

Our mission is to enable communities to reduce greenhouse gases, advance active and sustainable transportation options, take bold climate action, increase community resilience, incorporate equity in climate action planning and accelerate the transition to a low carbon economy.



Our Approach



Convene Networks

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



Lead Research & Knowledge Transfer

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



Catalyze Transformative Action

We advance the scale-up and implementation of climate action.

2022

At a glance

57 webinars and workshops

>7,350 municipal staff and community members engaged on topics including net-zero building design, EV charging infrastructure and fleet adoption, active school travel, incorporating climate and equity lens into municipal action and winter bike riding.

12 briefing notes and 17 blogs on new and emerging topics

> 5,450 people engaged in active transportation and road safety initiatives through intercept surveys, bike repair booths, webinars, group rides and workshops.



2023-2026

Strategic Pillars

Strategic Pillar 1 – CAP will support municipal climate action capacity by tracking climate action implementation and facilitating the sharing of lessons learned across municipalities.

Goals: To ensure that actions implemented, and lessons learned are shared across target audiences; resources are pooled as much as possible; duplication is minimized; and action implementation is improved.

Strategic Pillar 2 - CAP will support municipal climate action implementation by convening collaborative implementation teams across municipalities at similar states of readiness, and through creation of implementation teams within municipalities.

Goals: To advance efficient climate action through the creation of municipal climate action implementation teams, using cohorts to support and drive ambitious implementation.

Strategic Pillar 3 – CAP recognizes that municipal climate action implementation is not a one-size fits all and will support municipal climate action implementation through the development of tailored products to meet the needs of municipalities at different states of readiness on climate action implementation.

Goals: To ensure that the experiences and learnings resulting from climate action implementation are compiled and communicated in an effective and engaging way based on audience type and state of readiness.



2023-2026

Strategic Pillars

Strategic Pillar 4 – CAP will assist municipalities to attract funding from higher orders of government to increase implementation success.

Goals: CAP will act as an aggregator for funding applications. Municipal climate advancement cannot rely on the property tax base, with financial, policy and governance support from other levels of government needed. Municipalities are inexperienced in applying for government funds. Funding application cohorts present significant efficiency and cost reduction opportunities.

Strategic Pillar 5 – CAP will be both an equitable and desirable workplace.

Goals: To ensure CAP can recruit, retain and support a highly capable staff team to deliver our Strategic Plan.





CONVENE NETWORKS

Clean Air Council



The CAC brings together over thirty-nine municipalities and health units to work collaboratively and share best practices, policies, programs and technical solutions for advancing climate action.

In 2022, the CAC focused on three key areas:

- *Bringing equity considerations into climate action and planning*
- *Advancing low carbon and net-zero opportunities in our communities*
- *Removing barriers to expedite municipal climate action implementation*

The CAC network is continuously evolving to empower its members to undertake bolder climate actions by providing them with the latest information, tools and resources. In 2022, the CAC advanced four new initiatives:

40 webinars,
with **over 1,700**
participants

The CAC convenes municipal staff to advance climate action and make cities more sustainable and resilient



CONVENE NETWORKS

Clean Air Council

Climate Implications Repository:

In order to support the integration of climate change into municipal decision-making, the CAC developed a Climate Implications Repository to track climate implications as they are developed and provide a one-stop shop for municipal staff access.

Climate and Equity Synergies Hub:

CAC's Equity and Climate Synergies Hub helps municipal staff identify the intersection between equity and climate change in their climate action plans. It provides key questions, examples and other resources to support municipalities to incorporate equity into their municipal plans.

The Climate Implications Repository features over **130 climate implications** included in municipal council reports

Our Equity and Climate Synergies Hub helps municipal staff identify equity and climate synergies in their climate action plans



CONVENE NETWORKS

Clean Air Council



CAC municipalities are advancing community and corporate electric vehicle adoption

Climate Action Atlas:

The Climate Action Atlas is an interactive tool that showcases bold climate actions undertaken by CAC municipalities to reduce emissions. The Atlas features over 200 climate mitigation actions and inspires municipal staff to take up new and creative approaches to address climate change in their own communities.

Climate Decisions Calendar:

The Municipal Climate Decisions Calendar provides a central platform to share information about upcoming council and committee meetings on climate change related topics from municipalities in the Greater Toronto and Hamilton Area. The calendar increases community awareness of municipal meetings, encourages attendance, and lowers public barriers to staying informed about municipal decisions.

The Climate Action Atlas showcases **140+ climate mitigation actions** undertaken by CAC members



CONVENE NETWORKS

Mobilizing Justice



As part of this five-year research project looking at transportation inequities in Canada, in 2022 TCAT began year two of a five-year convening of grassroots organizations nationally who are working to support transport equity and increase modal choice. The goal of the community of practice is to improve our understanding of experiences of Canadians facing transport poverty.

Mobilizing Justice identifies current on-the-ground priorities, gaps, and community responses, building two-way communication between community organizations and Mobilizing Justice researchers and partners, providing value and insight to participating community organizations and leaders.


Over 100
**community
organizations**
engaged

Mobilizing Justice uses community partnerships to reduce transportation inequities in Canadian cities through research and knowledge



Lead Research & Knowledge Transfer

Home Energy Rating and Disclosure



Energy efficiency is recognized as one of the most cost-effective ways to help consumers save money by saving energy, making housing more affordable, and reducing GHG emissions. Home energy labeling can help boost demand for energy efficiency by revealing a home's "hidden" energy performance, improving energy literacy, and creating an informed market that values better-performing homes.

With the generous support of the Trottier Family Foundation, in 2022, CAP released [Advancing Energy Labeling in the Residential Sector – A Guide for Canadian Municipalities](#). This Report identified key program design elements for home energy labeling pilots and programs delivered at scale and provided a road map for their development.

A key national homeowner preference survey of **1,000+ Canadians** found **overwhelming support** for residential energy labeling

Our Home Energy Rating and Disclosure project provided background information and a road map to implement energy labeling projects



Lead Research & Knowledge Transfer

Eglinton T0day Project



The Eglinton T0day project allowed the City to adapt the road configurations, while giving the community tactile experiences to engage with and provide input on the project.

The City of Toronto launched an engagement process in the spring of 2022 to work with local communities and stakeholders on Eglinton Avenue on how best to implement a Complete Streets vision for 7km between Mt. Pleasant Avenue and Keele Street. As part of that process, TCAT was engaged to conduct a study of the project site prior to installation of Complete Streets infrastructure.

As part of that study, TCAT:

- Conducted 685 in-person intercept surveys using a randomized methodology
- Conducted age and gender counts of cyclists at 5 locations
- Held two focus groups to gain unique insights from food delivery workers and those with accessibility needs

Check out the
Eglinton T0day Complete Street Existing Condition Evaluation Report



Catalyze Transformative Action Incubating Suburban Cycling



Markham Cycles
group ride, 2022

Through this community-based project, TCAT builds a bike culture beyond the downtown core by setting up suburban community bike hubs. Funded by the Ontario Trillium Foundation together with York Region District School Board, and the City of Markham, in 2022, TCAT continued programming at its Markham Cycles Hub and launched an all new cycling hub at Newmarket.

Through the programming in 2022:

- Over 87 donated bicycles were refurbished and returned to the community through newcomer and school cycling programs
- Over 9 in-person and virtual workshops and webinars were conducted with over 225 attendees
- 46 group rides were organized with over 250 participants

Over **630 visits** to **28 community pop-up bike booths** to access bike maps and simple bike tune-ups



Catalyze Transformative Action Energy Efficiency Retrofit Program Market Analysis

CAP worked with a cohort of seven Ontario municipalities including Clarington, Kawartha Lakes, Tay Valley Township, Dufferin County, Barrie, Huntsville and London to create market analyses for their home energy efficiency retrofit programs. This project was delivered in partnership with Lightspark Inc. and funded by the Federation of Canadian Municipalities.

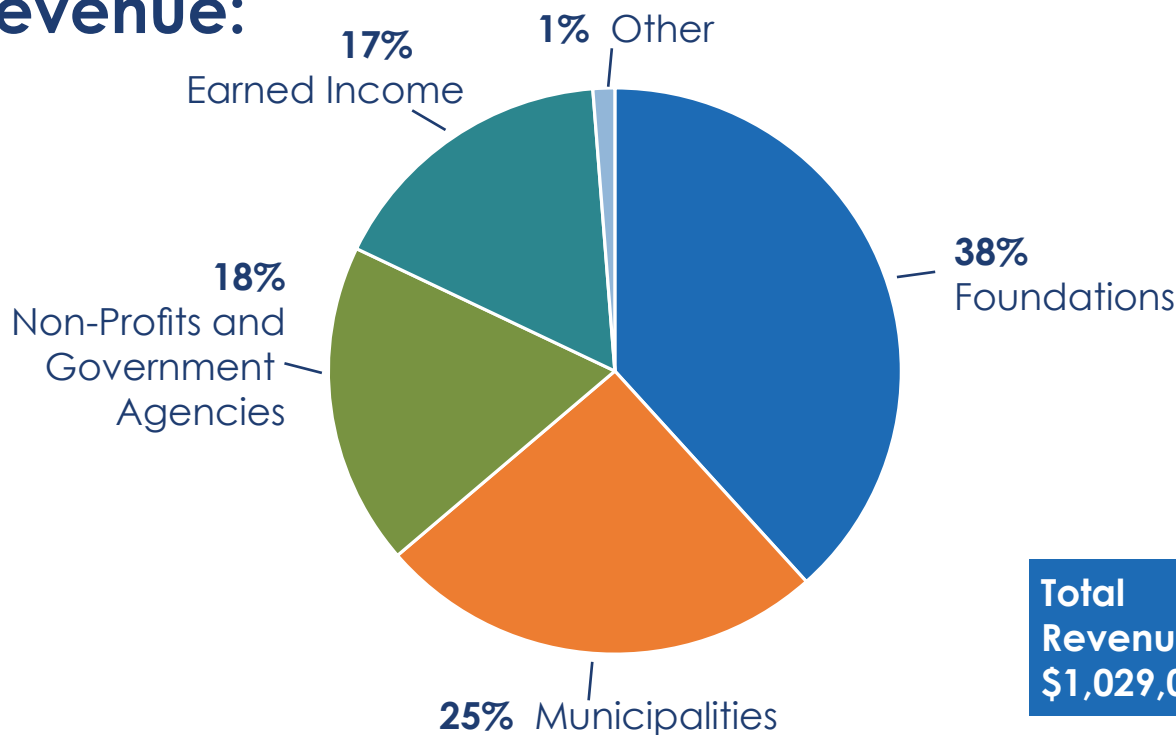
We analyzed cost and energy saving potential of home retrofits by creating housing archetypes with average annual energy costs ranging from \$2,000 to \$9,000 and releasing 1.5 to 20.0 TCO₂ eq/year.

These reports are the foundational **first step in the creation of home energy retrofit programs** for seven municipalities

Through the Energy Efficiency Retrofit Program Market Analysis Project, CAP is helping municipalities understand the quality of housing stock and opportunities to create retrofit programs

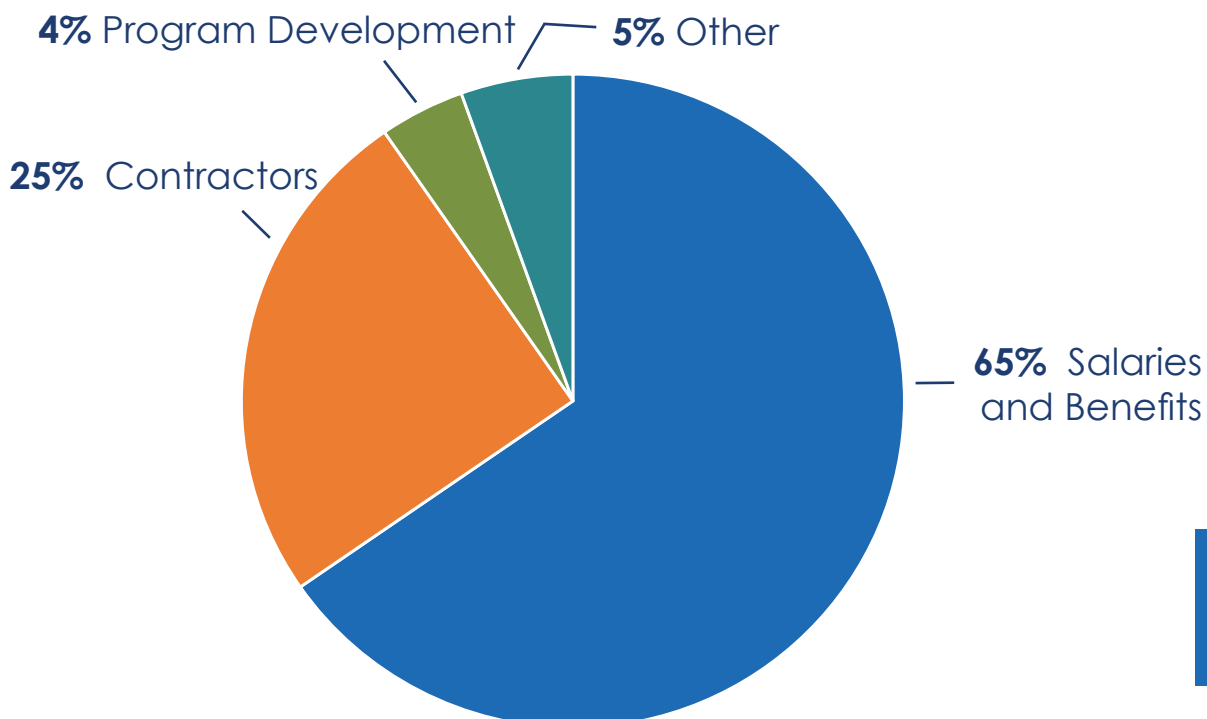
Financial Summary

Revenue:



**Total
Revenue:
\$1,029,066**

Expenditure:



**Total
Expenditures:
\$1,110,814**

Funding Partners

> \$100,000

City of Toronto
Federation of Canadian Municipalities
Ontario Trillium Foundation

> \$10,000

City of Mississauga
Credit Valley Conservation
ECO Canada
Green Communities Canada
Halton Region
Markham, Corporation of the City
Region of Durham
York, Regional Municipality
York Region District School Board

< \$10,000

Waterloo, Region of
Hamilton, City of
Brampton, City of
Government of Canada
London, City of
Vaughan, City of
University of Toronto
Government of Canada
Simon Fraser University
Windsor, City of
Richmond Hill, Town of
Oakville, Town of
Burlington, City of
Oshawa, City of
Barrie, City of
Guelph, City of
Whitby, Town of
St Catherines, City of
Ryerson University - Customer
Kingston, City of
Ajax, Town of
Simcoe-Muskoka District Health Unit
Chatham Kent, Municipality of
Clarington, Municipality of
Pickering, City of
Northumberland, County of
Newmarket, City of
Caledon, Town of
Dufferin County
Halton Hills
Aurora, Town of
Cornwall, City of
King, Township of
CHIMP
Climate Caucus
Grey County
UJA Federation of Greater Toronto
The Neighbourhood Group
First Unitarian Congregation of Ottawa

