

What
does
climate
action
look
like?



Climate action has many faces.

The Atmospheric Fund collaborates with innovators across the Greater Toronto and Hamilton Area to create healthier, more livable cities. Read on to meet the leaders who are putting our investment to work.



The Region of Peel is poised to be a leader for goods movement, reducing greenhouse gases while improving local travel times.

Pegah Tootoonchian, Planner, Region of Peel



TACKLING THE GTHA'S TRAFFIC PROBLEMS

As one of Canada's key hubs for goods movement, Region of Peel's advanced network also creates intensive carbon emissions, air pollution and traffic congestion. That's why TAF is supporting a pilot to determine if off-peak deliveries can reduce congestion, improve business operations, public health, and quality of life. Project participants include LCBO, Loblaw Companies Limited, PepsiCo, Walmart Canada Corp, and Weston Foods.

With transportation as the second highest source of carbon emissions in the Greater Toronto and Hamilton area, TAF continues to fund solutions like electric vehicles, shared mobility, increased cycling and pedestrian infrastructure, and public transit as well as efficient goods movement.

Interested in funding or investment in your low-carbon transportation initiative? Visit taf.ca/grants or taf.ca/financing for more information

FUNDING IDEAS WITH BIG POTENTIAL

TAF is funding the City of Markham in a ground-breaking collaboration with Mattamy Homes and Enwave Power Systems. Together they will research and design a low carbon geothermal energy neighborhood of about 300 homes. As a sustainable development professional working for Canada's largest home builder, Subhi believes this work could transform the residential development market.

TAF provides grants to local and regional municipalities and community leaders working to reduce carbon in high-emissions sectors. We have a track-record of supporting trail blazers in the building sector, which generates 44% of the region's emissions.

If you have an innovative solution in the buildings sector, visit taf.ca to connect.



As a key supporter of innovative energy projects in Ontario, TAF's approach includes close examination of the business model.

Subhi Alsayed, VP Sustainable Development,
Mattamy Homes





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Heat pumps improved the comfort of residents in our building, all of whom are seniors. I honestly think a system like this can put people in a better mood.

Marie M. Dynes, Resident, CityHousing Hamilton

IMPROVING HOME COMFORT THROUGH RETROFITS

Marie lives in one of four TAF TowerWise building retrofit demonstration sites located in Toronto and Hamilton. By integrating technologies like heat pumps and new windows, TAF targets greater than 40% carbon reductions and helps improve conditions for residents.

These projects are demonstrating the multiple benefits of energy efficiency retrofits to residential buildings, including improved indoor air quality and comfort, increased building value, and even local job creation. In fact, a recent national report shows that growth in the energy efficiency market would create 118,000 new Canadian jobs per year.

If you own, manage or live in a multi-unit residential building and would like to further explore the benefits of retrofits, visit taf.ca to learn more.

HELPING MUNICIPAL LEADERS ACHIEVE THEIR GOALS

As a nimble agency, TAF contributes bold ideas backed by practical business cases and solid evidence. This helps municipal staff advance new policy and programming to achieve City Council goals.

Working in collaboration with planning staff at the City of Toronto, TAF provided strong support to the Toronto Green Standard, a leading-edge building policy backed by developers and a broad range of stakeholders. The Zero Emissions Framework sets out the path for new development to achieve near zero emissions standards by the year 2030. The policy provides a key contribution to achieving the Council-approved TransformTO climate goals.

Visit [Toronto.ca](https://toronto.ca) for more information about the Toronto Green Standard



TAF's support and expertise was instrumental in producing the new Zero Emissions framework approved by Toronto City Council.

Jane Welsh, Project Manager, City Planning, City of Toronto





TAF has a genuine commitment to enabling more diverse public participation in climate actions.

Emmay Mah, Project Director, Enviromentum,
A Project of Tides Canada



WORKING WITH DIVERSE COMMUNITIES

Cities that collaborate with other actors are able to deliver twice as many climate actions. That's why TAF works at the neighbourhood level with partners like Enviromentum to find out how climate action can be designed to address local priorities.

As a co-lead in creating the City of Toronto's TransformTO climate plan, TAF recognizes the critical role local communities play in reducing carbon. We also know that climate action needs to support community interests like housing improvements, better transportation options, and local job creation.

Learn more at transformTO.ca and see how you can get support for your project by visiting taf.ca/grants.

LEADING THE WAY WITH IMPACT INVESTING

We invest in initiatives that advance carbon reduction and generate a profit. With prudent oversight from a committee of finance experts including Hyewon, TAF leverages its \$48 million endowment to demonstrate leading-edge, low-carbon investment opportunities.

TAF was born in 1991, long before the term “impact investment” even existed. Since then, returns earned on our endowment have covered all expenses, with zero annual draw from the municipal or provincial tax base.

We are now looking to finance innovative low-carbon products and services and the construction of energy-efficient buildings. **If you're a non-profit, public, or private sector organization looking for financing, visit taf.ca/financing**



Director

TAF is a pioneer of mission-aligned impact investing. They know that asset investment is a powerful tool in building a low-carbon economy.

Hyewon Kong, Director, Associate Portfolio Manager, AGF Investments





TAF BY THE NUMBERS

27 years

Creating urban climate solutions

\$60 million

Total investment in grants and projects

\$188 million

Mobilized in financial capital

184 megatonnes

Potential carbon reduction supported by TAF projects

2,500

Retrofitted residential units

\$0

Annual draw from the municipal or provincial tax base

WHAT WE DO

- Follow the carbon** / Cities account for over 50% of Canada’s emissions. TAF focuses on reducing emissions from the top urban sources: buildings, transportation, and waste.
- Venture where others cannot** / We are independent and self-funded so we can innovate and support leading-edge projects to help advance the field.
- Go where the best ideas are** / We use a variety of tools – impact investing, grant-making, policy development and advancing local programs – to find the best climate action ideas within the private, public and non-profit sectors.
- Remove barriers to broad implementation** / We create demonstration projects to prove that innovations are viable at scale and we help generate the necessary support to drive broad implementation.
- Unlock co-benefits** / We prioritize low-carbon projects that can achieve multiple valuable public benefits including improved resilience, health and equity, and financial savings.

We are currently funding innovative climate work through investments, grants and partnerships. If you have a project that needs support, let’s talk.

TAF.ca



