



REPORT FOR ACTION

Grants and Programs Allocation Recommendations

Date: December 5, 2017
To: Toronto Atmospheric Fund Board of Directors
From: Grants Manager & Policy Advisor

SUMMARY

At its November 22, 2017 meeting, the TAF Grants and Programs Committee recommended that the Board approve four grants with a combined value of \$161,889 and three internal projects with a value of \$341,700. The Committee supports staff's recommendation that the Board approve a fifth grant with a value of \$112,458.¹

RECOMMENDATIONS

The Grants Manager & Policy Advisor recommends that the TAF Board of Directors:

1. Approve the following grant requests:
 - a. Up to \$112,458 over two years to Environment Hamilton to build a strong collective of diverse organizations to call for greater municipal investment in public transit in the City of Hamilton.
 - b. Up to \$60,050 over six months to the Ontario Public Health Association to bring together experts from a range of health and environment groups to design a communications strategy focused on the health benefits of strong climate action, and to use the strategy to increase public support for strong climate policy.
 - c. Up to \$58,000 over six months to MaRS to complete the design of two to three shared mobility pilots in the GTHA.
 - d. Up to \$26,000 over six months to the Region of Peel to undertake an off-peak delivery pilot project that involves working with businesses to shift truck traffic from peak to off-peak hours throughout the Region of Peel.
 - e. Up to \$17,839 over one year to Enviromentum to conduct a feasibility study to explore the question how community hubs can serve as launch points for wider community engagement in developing low carbon communities.

¹ Due to a declared conflict of interest, Quorum was not present to provide a formal funding recommendation to the Board therefore, with the support of the TAF Grants and Programs Committee, staff is advancing a funding recommendation directly to the Board.

2. Decline the following grant requests:
 - a. Up to \$195,000 over two years to Ryerson University to conduct a systematic evaluation of climate change related travel behaviour techniques within their CarbonCount system.
 - b. Up to \$60,000 over seven months to the Residential and Civil Construction Alliance of Ontario to advance the discussion on mobility pricing for freight in the GTHA.

3. Approve the following internal project allocation requests:
 - a. Up to \$200,000 over one year for a new phase of the TowerWise work that aims to accelerate deep energy retrofits ($\geq 40\%$ energy and emission reductions) across the residential building sector.
 - b. Up to \$51,700 over one year to smoothly transfer the Energy Savings Performance Agreement (ESPA) license to new owners, and to improve the user experience and understanding of the value proposition of the ESPA for the target market.
 - c. Up to \$90,000 over two years to establish a Social Innovation Skill Building Fund to allow individuals working on TAF-supported initiatives to access local training opportunities.

FINANCIAL IMPACT

If the recommended grants requests are approved, \$224,626 would come out of TAF's 2017 budget and \$49,721 would come out of TAF's 2018 budget.

Grants Program Budget	2017
Total available funding	\$937,827
Grant allocations committed to date	\$572,833
Recommended allocations from November 22, 2017 Committee meeting	<u>\$224,626</u>
Remaining balance	\$140,368

Grants Program Budget	2018
Initial budget	\$900,000
Amount carried over from 2017	\$140,368
Grant allocations committed for 2018	<u>\$227,762</u>
Total available funding for 2018	\$812,606

If the recommended internal project allocation requests are approved, \$102,700 would come out of TAF's 2018 budget, and \$45,000 would come out of TAF's 2019 budget.

Internal Program Budget	2018
Total available funding	\$683,750
Internal program allocations committed to date	\$35,000
Recommended allocations from November 22, 2017 Committee meeting	<u>\$296,700</u>
Remaining internal program allocations	\$352,050

BACKGROUND

Grants

Environment Hamilton – Our Transit Hamilton

Applicant address: 22 Wilson St, Hamilton

Location of proposed activities: Hamilton

Environment Hamilton (EH) was incorporated as a not-for-profit organization in 2001 with a mandate to provide Hamiltonians with the knowledge and skills needed to enhance and protect the environment around them. Over the past 15+ years, EH has established a reputation as a respected local environmental educator and advocate. They have successfully developed and implemented a long list of projects – both large and small – focused on a variety of local environmental concerns. The proposed initiative will build a strong collective of diverse organizational stakeholders that will work together to ensure municipal investment in and improvement of public transit are top priorities for the City of Hamilton. This project would offer the opportunity to pilot Move the GTHA's model at the local level, and to promote intelligence-sharing between local and regional campaigns.

Ontario Public Health Association – A Communication Strategy for Health-Focused Climate Messaging

Applicant address: 44 Victoria St, Toronto

Location of proposed activities: Greater Toronto and Hamilton Area

The Ontario Public Health Association (OPHA) is a non-partisan, non-profit organization that brings together a broad spectrum of groups and individuals concerned about people's health. OPHA will provide project oversight, with support from an Advisory Committee which will oversee strategic and content-based decisions. The Advisory Committee is comprised of six organizations that bring a wealth of experience and expertise on matters related to health and climate change. The aim of this project is to develop a communications strategy that would convey to key audiences through health-focused messaging, the urgency for local and provincial strategies addressing climate change. Links between climate change and health will be highlighted to motivate residents of the Greater Toronto and Hamilton Area (GTHA) to create dialogue and engage in supportive action for public policy that supports health by way of a low-carbon future. Strategic objectives that arise from the communications strategy will explore longer term goals related to its implementation.

MaRS - Concept Development: Deploying Shared Mobility in the GTHA

Applicant address: 101 College St, Toronto
Location of proposed activities: Peel, York, Durham

On April 21, 2017 TAF approved grant funding of \$40,000 over five months for MaRS Discovery District (MaRS) to initiate and create a robust framework for pilot deployment selection and evaluation for the GTHA and facilitate stakeholder mobilization on shared mobility. To date, MaRS has made good progress on the project objective and deliverables. However the time and effort required to execute agreements, identify associated stakeholder roles and responsibilities, and specify pilot configurations for deployment has proven to be greater than initially anticipated. This additional tranche of funding will allow MaRS to build on the progress that has been made in bringing stakeholders to complete project design, and also to generate the requisite funding to meet the need for deeper engagement that deployment requires in practice.

Region of Peel – Peel Region Off-Peak Delivery Pilot Project

Applicant Address: 10 Peel Centre Dr., Brampton
Location of Proposed Activities: Peel

The Region of Peel is initiating its first Off-Peak Delivery (OPD) pilot project, working with businesses to shift truck traffic from peak to off-peak hours throughout the Region. The outcomes of this project are to:

1. Reduce traffic congestion on corridors with high truck traffic volumes, and the surrounding airport area.
2. Provide businesses and municipalities with a tool to mitigate congestion, improve the goods movement network, and reduce greenhouse gas emissions
3. Take lessons from the pilot to inform the scalability of off-peak delivery in Peel Region in the long term.

Enviromentum – A Feasibility Assessment: Exploring the Role of Community Hubs in Developing Low Carbon Communities

Applicant Address: 215 Spadina Ave
Location of Proposed Activities: Community Hubs throughout Toronto

This project is a collaboration between Enviromentum, a Project of Tides Canada, the Toronto Environmental Alliance (TEA), and the Toronto Community Benefits Network (TCBN). This team has collaborated through a number of fora and initiatives to strengthen engagement with the City's climate work. The proposed project is a feasibility assessment that will contribute to achieving the objectives of TransformTO's Mobilizing Low Carbon Communities campaign, exploring the question: How can hubs serve as launch points for wider community engagement in developing low carbon communities?

Internal Program Allocations

TowerWise: Accelerating Deep Energy Retrofits

As part of the multi-year TowerWise Accelerating Energy Efficiency (AEE) project, TAF advanced improvements in building energy efficiency through a series of 10 demonstration projects, targeting 20%-30% GHG emission reductions, technical research of leading-edge energy efficient products, indoor environmental quality (IEQ) evaluation, and a variety of

policy recommendations. TAF also evaluated the conservation potential and technical/economic feasibility of heat pumps in electrically-heated multi-family buildings through the IESO-funded Pumping Energy Savings project. With the conclusion of both projects in 2017/18, TAF has launched the Accelerating Deep Energy Retrofits (ADER) project - targeting a minimum of 40% energy and emission savings. This project is composed of three core elements:

1. Site Demonstrations
2. Financing Models for Deep Retrofits
3. Scale-Up Strategies

ESPA and ECC Innovations and Updates

In June 2017, the TAF Board of Directors approved the transition of Efficiency Capital Corp. (ECC) to the new counterparties. This project entails engaging relevant professional services to address the challenges and changes to improve the process and outcomes with key activities including:

1. Accounting and legal services for updating the ECC relationship.
2. Professional engineering and communications services to streamline communication of ESPA repayment.

TAF Social Innovation Skill-Building Fund

The Social Innovation Skill-Building Fund (the Fund) would set aside up to \$45,000 in each of 2018 and 2019 to support professional development opportunities for individuals working on TAF-supported initiatives. The project objectives are to:

1. Enhance the social innovation skill sets of TAF grantees, partners and collaborators.
2. Gather information about how the skills training affected local work.
3. Explore potential partnerships with social innovation skills delivery agents.
4. Create a final report in 2019 evaluating the merit of this work, drawing on experience reports submitted by Fund recipients. Share the information with other granters through the CEGN and other appropriate outlets.

CONTACT

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SIGNATURE

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