



TA15.11

REPORT FOR ACTION

Grants and Programs Allocation Recommendations

Date: April 7, 2017

To: The Atmospheric Fund Board of Directors

From: Grants Manager & Policy Advisor

SUMMARY

The TAF Grants and Programs Committee met on April 4, 2017 and recommended that the Board approve one grant with a value of \$40,000 and allocations to three internal projects with a combined value of \$201,300.

RECOMMENDATIONS

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

1. Approve the following grant request:
 - a) Up to \$40,000 over four months to MaRS Discovery District to establish a credible framework to guide effective shared mobility pilot deployment in the GTHA.
2. Decline the following grant request:
 - a) Up to \$18,500 over four months to Sustainability CoLab.
3. Approve the following internal project allocations:
 - a) Up to \$51,300 over six months to enable continued core member participation in the Move the GTHA collaborative, organize capacity building workshops in collective impact for core participants, and develop an updated communications strategy.
 - b) Up to \$60,000 over 12 months to complete the multi-year TowerWise Accelerating Energy Efficiency project, which aims to accelerate improvements in energy efficiency in multi-unit residential buildings through demonstration projects; targeted technical research; and policy research, advocacy and implementation.

- c) Up to \$90,000 over nine months to initiate the TowerWise Deep Retrofit Demonstration Program, which aims to accelerate deep energy retrofits (≥40% energy reductions) across the residential building sector.

FINANCIAL IMPACT

If the recommended grants request is approved, \$40,000 would come out of TAF's 2017 budget.

Grants Program Budget	2017
Total available funding	\$937,827
Grant allocations committed to date	\$404,872
Recommended allocations from April 4, 2017 Committee meeting	<u>\$40,000</u>
Remaining balance	\$492,955

If the recommended internal project allocation requests are approved, \$201,300 would come out of TAF's 2017 budget.

Internal Program Budget	2017
Total available funding	\$360,000
Internal program allocations committed to date	\$92,950
Recommended allocations from April 4, 2017 Committee meeting	<u>\$201,300</u>
Remaining internal program allocations	\$65,750

BACKGROUND

Grants

MaRS Discovery District – Concept Development: Deploying Shared Mobility in the GTHA

In 2016 TAF co-commissioned MaRS to undertake a scoping study which revealed that microtransit (defined as dynamic or fixed ride-sharing service) has significant potential to reduce GHG emissions in the GTHA. A follow-up stakeholder workshop demonstrated that strong interest exists in implementing next steps in the GTHA. The aim of this project is to build on MaRS' earlier work and establish a credible framework to guide shared mobility pilot deployment in the GTHA. This project includes the following objectives:

1. Develop a collective vision for shared mobility solutions in the GTHA;
2. Establish a network of stakeholders within both the public and private domains to help inform follow-on pilot activity; and
3. Develop a clear path forward for launching and evaluating shared mobility pilots in the GTHA.

Achieving these outcomes will engender a pilot deployment process that most effectively investigates how shared mobility can scale by meeting the diverse stakeholder needs facing the GTHA.

Internal Program Allocations

Supporting Move the GTHA core groups and strategy development

Move the GTHA is a multi-stakeholder collaborative that has been working together for five years to build awareness and engagement in support of a fully funded and integrated regional transportation system.

The purpose of this six-month funding request is threefold:

- to enable continued core member participation in the Move the GTHA collaborative;
- to organize capacity building workshops in collective impact for core participants; and
- to develop an updated communications strategy that will be used both to support the next phase of the initiative and to attract further financial support in order to promote the long-term self-sufficiency of the collaborative.

TowerWise: Accelerating Energy Efficiency

This project aims to accelerate energy efficiency improvements in buildings by addressing many of the key barriers including: lack of confidence in energy savings and energy efficient technologies; technical and implementation challenges to undertaking major energy retrofits; high up-front capital costs; and the need for policy drivers at the local level. This initiative focuses on energy efficiency in multi-unit residential, commercial and institutional buildings because of their current and growing importance in Toronto as well as their capacity for pursuing significant, sophisticated capital improvements. The demonstration projects are focused specifically on multi-unit residential buildings (MURBs) because of their significant impact as well as TAF's strong partnerships and track record in this area.

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, targeted technical research of leading-edge energy efficient products, indoor environmental quality evaluation, and a variety of policy recommendations. Typical GHG reductions achieved were approximately 20%-30%.

TAF is now well positioned to bring together the necessary capital, technology, and project partners to accelerate deeper energy retrofits that target a minimum of 40% energy savings. Although these types of ambitious reductions are prioritized by the federal and Ontario climate plans, and the Transform TO strategy, there is a lack of such deep energy retrofit projects across Canada. At least four demonstration sites will be explored, with a variety of building forms: stacked townhouses, low rise multi-family, and high rise multi-family to develop a wide range of best practice strategies for Canada's residential sector.

This project is composed of three core elements:

1. Site Demonstrations

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

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SIGNATURE

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