

Grants and Program Allocation Recommendations

Date: June 24, 2021
To: Board of Directors of the Toronto Atmospheric Fund
From: Grants Manager

REASON FOR CONFIDENTIAL INFORMATION

The attachment to this report contains financial information supplied in confidence to the Toronto Atmospheric Fund, which, if disclosed, could reasonably be expected to prejudice significantly the competitive position or interfere significantly with the contractual or other negotiations of a person, group of persons, or organization.

SUMMARY

At its June 18, 2021 meeting, the TAF Grants and Programs Committee recommended that the Board approve two grants with a combined value of \$223,111 and one internal program allocation with a total value of \$100,000. This report provides recommendations and minutes from the Committee meeting.

RECOMMENDATIONS

The Grants Manager recommends that the Toronto Atmospheric Fund Board of Directors:

1. Approve the following grants to be funded jointly from the Canada, Ontario and Toronto endowments except where otherwise indicated:
 - a. \$92,399 over 15 months to Future Majority to mobilize youth climate activists, organize public events and other campaign elements to support the passage of a strong Green Development Standard in Mississauga (*funded from the Canada and Ontario endowments only*).
 - b. \$130,712 over 20 months to Ryerson University to develop a methodology for calculating the embodied carbon of building enclosure assemblies for Part 3 buildings and to create guidelines and reference tools to support design teams in meeting embodied carbon targets in municipal development standards.
2. Decline six grant requests with a total value of \$822,603, as set out in Confidential Attachment 1.
3. Approve the following project allocation to be funded jointly from the Canada, Ontario and City of Toronto endowments:

- a. \$100,000 over 12 months to TAF's Retrofit Accelerator team to support Toronto Community Housing in implementing their building portfolio decarbonization program. Funding will enable TAF to develop a deep retrofit planning tool, create an aggregated procurement strategy, and to pilot the use of artificial intelligence to optimize building performance.
4. Direct that the confidential information contained in Confidential Attachment 1 remain confidential in its entirety, as it contains financial information supplied in confidence to the Toronto Atmospheric Fund, which, if disclosed, could reasonably be expected to prejudice significantly the competitive position or interfere significantly with the contractual or other negotiations of a person, group of persons, or organization.

FINANCIAL IMPACT

The 2021 grants budget was updated after assessing TAF's internal program funding needs for the remainder of 2021. \$100,000 re-allocated from the 2021 internal programs budget to the grants budget which has increased the 2021 grants budget to \$1,666,356 and decreased the 2021 internal program allocations budget to \$1,020,000.

If the recommended grant program allocations are approved, \$108,650 would come out of TAF's 2021 grants budget and \$114,461 would come out of the 2022 budget.

Grants Program Budget	2021
Total available funding	\$1,666,356
Grant allocations committed to date	\$1,183,225
Funding currently available	\$483,131
Recommended allocations from the June 2021 intake round	<u>\$108,650</u>
Remaining balance	\$374,481

If the recommended internal program allocations are approved, \$100,000 would come out of TAF's 2021 internal program allocations budget.

Internal Program Budget	2021
Total available funding	\$1,020,000
Internal program allocations committed to date	\$719,538
Funding currently available	\$300,462
Recommended allocations from the June 2021 intake round	<u>\$100,000</u>
Remaining balance	\$200,462

BACKGROUND

The following provides a summary of the grants recommended by the Grants Manager for Board approval.

Grant

Future Majority | Youth Organizing for Green Development Standards in Mississauga

\$92,399 over 15 months

Applicant's address: 720 Bathurst St., Toronto, ON, M5S 2R4

Location of proposed activities: Mississauga

The objective of this project is to increase awareness of the climate and community benefits of green development standards (GDS) and to help ensure a strong GDS framework is adopted by Mississauga City Council in 2023. Future Majority will achieve this by:

- Recruiting and training at least 40 youth in Mississauga;
- Organizing a series of public events such as town halls, non-partisan debates, and at least four information sessions for youth;
- Establishing and coordinating a coalition of stakeholders, including at least 15 partner organizations representing local businesses, community, and environment organizations;
- Launching a campaign and communications which seek to inform and engage local city councillors, municipal staff, residents, and other stakeholder groups through in-person meetings, media coverage, directed mailing, and door-to-door canvassing.

Ryerson University | Embodied Carbon Metrics and Guidance for Building Envelope Design

\$130,712 over 20 months

Applicant's address: 350 Victoria St., Toronto, ON, M5B 2K3

Location of proposed activities: Toronto

The objective of this project is to develop a methodology for calculating the embodied carbon of building enclosure assemblies for Part 3 buildings and to create guidelines and reference tools to ensure that building designers and municipal staff are able to readily meet and evaluate embodied carbon targets in municipal building standards. The project has been organized to build on the existing work being undertaken in the GTHA to create a greater understanding for embodied carbon and for developing benchmarks and policies, including work expand the Toronto Green Standard, which is also funded by TAF, to include embodied carbon benchmarks and requirements. The project will include development of building enclosures that are common to Ontario Building Code Part 3 new construction as well as existing building retrofits in the GTHA and, utilizing the developed methodology, calculate per area embodied carbon intensity and thermal performance metrics for use by industry professionals and municipalities. Ryerson University will partner with RDH Building Science Inc. to:

- Develop a standard methodology to calculate embodied carbon for enclosure assemblies in the early stages of design;
- Establish the embodied carbon metrics for at least 20 building envelope systems commonly used for new construction and retrofits on Part 3 buildings in the GTHA;
- Develop design support guidance, build expertise and knowledge to allow design teams to make informed decisions about low embodied carbon building envelopes.

Program Allocations

Toronto Community Housing Portfolio Decarbonization Partnership

\$100,000 over 6 months

Toronto Community Housing (TCH) is the largest residential property owner in Canada, and a key partner in TAF's Retrofit Accelerator (formerly known as Retrofit Delivery Centre). They have secured an institutional mandate and funding of over \$1.3B for decarbonizing their portfolio. Despite a significant ramp-up in investment, portfolio emissions are not moving in the right direction and, without external support, TCH is at risk of missing their decarbonization targets. The challenges faced by TCH are mirrored on a smaller scale at hundreds of building operators across the region. Scaling deep retrofits requires major changes in business case analysis, procurement, contracting, technology, design, maintenance and operations. Building on the success of our past projects, TCH has asked TAF to supplement the site-specific support we provide through our Retrofit Accelerator with broader support for their portfolio decarbonization program. The requested funding will enable TAF to jump start this work, unlocking hundreds of millions in TCH investments for future retrofit projects undertaken in partnership with TAF's Retrofit Accelerator. Within the six-month project timeframe, TAF will provide TCH with a plan for getting on track for its portfolio decarbonization targets, and pilot new tools to support the plan's successful implementation.

CONTACT

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SIGNATURE

Ryan O'Connor
Grants Manager

ATTACHMENTS

Confidential Attachment 1 – Summary of declined grant requests