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## Environmental Action Committee

### Date

2018/05/15

### Time

9:30 AM

### Location

Civic Centre, Committee Room A - Second Floor,  
300 Civic Centre Drive, Mississauga, Ontario, L5B 3C1

### Members

Matt Mahoney	Councillor - Ward 8 (Chair)
George Carlson	Councillor - Ward 11 (Vice-Chair)
David Cook	Councillor - Ward 1
Brad Bass	Citizen Member
Melanie Kramer	Credit Valley Conservation
Andrew Roblin	Citizen Member
Britt McKee	Ecosource
Chelsea Dalton	Citizen Member
Sheila Storey	Sawmill Sid Inc.
Dianne Zimmerman	Partners in Project Green
Pujita Verma	Peel Environmental Youth Alliance
Lea Ann Mallett	Citizen Member
Minal Waqar	University of Toronto Mississauga

### Contact

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### Find it Online

<http://www.mississauga.ca/portal/cityhall/environmentalactioncommittee>



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1. **CALL TO ORDER**

2. **APPROVAL OF AGENDA**

3. **DECLARATION OF CONFLICT OF INTEREST**

4. **MINUTES OF PREVIOUS MEETING**

4.1. Environmental Action Committee Minutes - April 17, 2018

5. **DEPUTATIONS**

5.1. Darnel Harris to speak regarding Mobility Greenway

5.2. Shannon Logan, Senior Project Manager, Sustainable Neighborhoods to speak regarding the Tower Renewal Program for the Burnhamthorpe SNAP Project

5.3. Rajesh Mehta, Energy Controls Coordinator to speak regarding Race to Reduce

5.4. Leya Barry, Climate Change Coordinator to speak regarding Parks Climate Change Risk Assessment

6. **PUBLIC QUESTION PERIOD - 15 Minute Limit (5 Minutes per Speaker)**

Pursuant to Section 42 of the Council Procedure By-law 0139-2013, as amended:

Environmental Action Committee may grant permission to a member of the public to ask a question of Environmental Action Committee, with the following provisions:

1. The question must pertain to a specific item on the current agenda and the speaker will state which item the question is related to.
2. A person asking a question shall limit any background explanation to two (2) statements, followed by the question.
3. The total speaking time shall be five (5) minutes maximum, per speaker.

7. **MATTERS TO BE CONSIDERED**

7.1. EAC Environmental Actions Summary

7.2. Environmental Action Committee Work Plan

8. **OTHER BUSINESS**

9. **DATE OF NEXT MEETING** - Tuesday, June 12, 2018 - 9:30 AM, Committee Room A

10. **ADJOURNMENT**



# City of Mississauga

# Minutes



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## Environmental Action Committee

**Date**

2018/04/17

**Time**

9:30 AM

**Location**

Civic Centre, Committee Room A - Second Floor,  
300 Civic Centre Drive, Mississauga, Ontario, L5B 3C1

**Members Present**

Councillor Matt Mahoney, Ward 8 (Chair)  
Councillor George Carlson, Ward 11 (Vice-Chair)  
David Cook, Ward 1  
Britt McKee, Ecosource  
Brad Bass, Citizen Member  
Chelsea Dalton, Citizen Member  
Melanie Kramer, Credit Valley Conservation  
Pujita Verma, Peel Environmental Youth Alliance  
Lea Ann Mallett, Citizen Member  
Minal Waqar, University of Toronto Mississauga  
Andrew Roblin, Citizen Member

**Members Absent**

Dianne Zimmerman, Partners in Project Green  
Sheila Storey, Sawmill Sid Inc.

**Staff Present**

Michael Cleland, Director, Environment  
Mary Bracken, Supervisor, Environment Initiatives  
Julius Lindsay, Climate Change Specialist  
Diana Suzuki-Bracewell, Environmental Outreach Coordinator  
Lisa Urbani, Environmental Research Assistant  
Trish Sarnicki, Legislative Coordinator, Legislative Services  
Raj Sheth, Director, Facilities & Property Management

**Find it online**

<http://www.mississauga.ca/portal/cityhall/environmentalactioncommittee>



1. **CALL TO ORDER** – 9:32 a.m.

2. **APPROVAL OF AGENDA**

Approved (A. Roblin)

3. **DECLARATION OF CONFLICT OF INTEREST** – Nil.

4. **MINUTES OF PREVIOUS MEETING**

4.1 Environmental Action Committee Minutes – March 20, 2018

Approved (M. Kramer)

5. **DEPUTATIONS**

5.1. Dr. Chelsea Rochman, Professor, University of Toronto spoke regarding plastic contamination in the environment

Dr. Rochman provided an overview of plastic contamination in the environment, noting that 8 million metric tons of plastic enters the oceans annually, with 80% coming from land based sources. Dr. Rochman spoke to the abundance of micro plastic abundance in Lake Ontario, noting it contaminates the environment as well as over 800 species of wildlife, leading to contamination of seafood products and even drinking water. Dr. Rochman spoke to Canada as a leader in environmental policy, noting that the federal government had banned plastic microbeads found in toiletries. Dr. Rochman suggested an international agreement on marine plastic pollution, as well as a cities initiative, noting it would empower cities to take leadership on the issue and prevent measurable emissions of plastic waste. Dr. Rochman proposed several solutions to pursue: improved waste management and infrastructure, transition towards a circular economy, incentivize return of fishing gear, reduce single-use plastics, incentivize recycling, and clean-up. Dr. Rochman noted that she would be meeting with the Minister of Environment and Climate Change to discuss these issues.

Questions from Committee Members arose with regard to the following:

- Recycling of black plastic;
- Whether the contamination of wildlife includes microfibers;
- Growing number of U.S. cities banning single-use plastics;
- Banning of plastic straws;
- Whether chemical recycling is a viable option;
- Education is key, as well as empowering cities;
- Concerns regarding ease of recycling enabling usage of more plastic;
- Over packaging of products.

In response to these questions, Dr. Rochman explained that black plastic cannot be recycled in automated facilities due to the scanner not recognize the color, and that



microfibers are the most common material found in the stomachs of animals. Dr. Rochman noted that when a number of cities in the U.S. implement bans, the state will feel pressure and implement a ban as well. Dr. Rochman explained that the technology around chemical recycling is improving, but that it is only applicable to recycle code #1. Dr. Rochman spoke to the fact that only 5 to 10% of items are recycled, even though large amounts are placed in bins, and noted while education is key, so is having products on the market that can be recycled, filters on washing machines and waste harmonization procedures in place.

Councillor Mahoney, Chair requested that Dr. Rochman update the Committee with details of the meeting once she has met with the Minister.

#### RECOMMENDATION

That the deputation and associated presentation by Dr. Chelsea Rochman, Professor, University of Toronto with respect to plastic contamination in the environment be received.

Received (B. Bass)

Recommendation EAC-0013-2018

#### 5.2. Sumeet Jhingan, Energy Management Coordinator spoke regarding the Municipal Green Building Standard

Mr. Jhingan provided an update regarding the Municipal Green Building Standard, noting that between 1990 and 2014, energy intensity reduced 11% due to buildings being built better, but energy use increased 32%, which speaks to growth in development and buildings outpacing energy efficiency. Mr. Jhingan spoke to LEED Silver, the current standard that was approved by Council in January 2010 for all new municipal buildings over 10,000 square feet and noted that while the City follows the principles, they do not certify. Mr. Jhingan noted that Green House Gases Reduction goals are coming soon and that stringent building codes are eminent, and proposed an update to the Municipal Green Building Standard to create a stepped-approach for future net-zero by having absolute targets, being net-zero “ready”, having systems be mutually supportive, lower maintenance, financial sustainability, and spatial programming.

Questions from Committee Members arose with regard to the following:

- Technology available to cut energy in existing buildings as they are;
- Clarification on energy usage;
- Comparative municipalities that have adopted similar programs;
- Impending greenhouse gas emissions requirements with respect to applications for federal infrastructure funding.

In response to these questions, Mr. Jhingan responded that the biggest issue in the industry is the lack of synergy in equipment, noting different equipment operators make for integration issues. Brad Bass, Citizen Member, added that the technology available is 10 years old, and that a local vendor is available with Mr. Jhingan requesting that the information be provided to his department. Mr. Jhingan clarified that with respect to



energy use, on a building basis, the City is doing better, but with regard to the total number of developments, the pace of growth is outpacing energy efficiency. Mr. Jhingan noted that Toronto has developed its own custom standard, specific to the challenges and issues that they see in their city, and have adopted green roofs, and that Vancouver is beginning to use passive houses, which have more shading and better insulation, as well as a reduction in energy usage. Mr. Jhingan noted that having proper infrastructure in place is key to achieving net zero.

#### RECOMMENDATION

That the deputation and associated presentation by Sumeet Jhingan, Energy Management Coordinator with respect to the Municipal Green Building Standard be received.

Received (M.Waqar)

Recommendation EAC-0014-2018

#### 5.3. Edward Nicolucci, Urban Designer provided an update on the Green Development Strategy and speak to the Mississauga Urban Design Awards (Green Component)

Mr. Nicolucci provided an update with respect to the Green Development Strategy (GDS), referencing the Mississauga Strategic Plan, the Living Green Strategic Pillar, as well City of Mississauga Initiatives, such as the One Million Trees Campaign, Stormwater Charge, the Mississauga Transitway, the Hurontario LRT, and the Cycling Master Plan. Mr. Nicolucci spoke to the challenges of incentivizing best practices for green development, noting there are no securities paid for green features in order to encourage them, and that long-term maintenance of green features must be considered. Mr. Nicolucci spoke to tracking green features, noting the collaboration between departments and agencies, and discussed the findings. With respect to the Mississauga Urban Design Awards, Mr. Nicolucci spoke to the judging criteria, noted past winners, and added that the design awards are the longest running in Ontario.

Questions from Committee Members arose with regard to the following:

- Possibility of tours from developers to encourage others to follow suit;
- Difference in processes between City of Mississauga and City of Toronto;
- Expressed appreciation for success and progress of GDS.

Mr. Nicolucci noted that as the goal posts are always changing for green standards, tours are not given, but that developers are informed early on of others who have undertaken green standards to encourage their use. Mr. Nicolucci also added that the City of Toronto has had a process in place for a number of years, and noted that they have a mandatory process at the beginning of the project, with incentives added as well. Mr. Nicolucci added that with more authority, more green features can be added, and that additional legislation surrounding green features is imminent.

#### RECOMMENDATION

That the update by Edward Nicolucci, Urban Designer with respect to the Green Development Strategy and the Mississauga Urban Design Awards (Green Component)



be received.

Received (L. Mallet)  
Recommendation EAC-0015-2018

5.4 Julius Lindsay, Climate Change Specialist, and Paul Stewart, Planner spoke to the Climate Change Land Use Study

Mr. Lindsay provided an overview of the Climate Change Project, and noted his presentation was a response to Cameron McCuaig's deputation from the last Environmental Action Committee meeting.

Mr. Lindsay spoke to the Provincial Policy Statement, the Growth Plan for the Greater Golden Horseshoe and spoke to Bill 68, which introduced changes to the Municipal Act, 2001. Mr. Stewart spoke to the Strategic Plan and the Mississauga Official Plan, and provided an update regarding Inspiration Lakeview, Inspiration Port Credit, and the former Imperial Oil Site redevelopment. Mr. Stewart noted that with respect to the waterfront community, policies pertaining to climate change and protecting the environment are being explored. Mr. Lindsay spoke to the City of Mississauga's Climate Change Action plan and noted 4 recommendations: strengthening policy & programs, climate change lens, monitoring and evaluation, and increasing capacity.

Councillor Cook spoke to the Inspiration Lakeview and impending developments and noted that a community engagement event will take place on April 18, 2018 from 6:30 p.m. to 8:30 p.m. at the Waterside Inn. Councillor Cook also spoke to the former Imperial Oil Site redevelopment and noted discussions regarding improvements to transportation in the surrounding area.

Councillor Carlson requested that Mr. Lindsay touch base with Cameron McCuaig to provide him follow-up information.

**RECOMMENDATION**

That the deputation and associated presentation by Julius Lindsay, Climate Change Specialist, and Paul Stewart, Planner with respect to the Climate Change Land Use Study be received.

Received (Councillor Cook)  
Recommendation EAC-0016-2018

6. **PUBLIC QUESTION PERIOD**

No members of the public requested to speak.

7. **MATTERS CONSIDERED**

7.1. Climate Change Engagement Events

Leya Barry, Climate Change Coordinator, spoke to the memorandum and noted that



Celebration Square is the confirmed location for the July 14, 2018 After Dark Earth Market taking place between 3:00 PM to 10:00 PM.

**RECOMMENDATION**

That the memorandum dated April 6, 2018 from Leya Barry, Climate Change Coordinator, Climate Change, Environment Division with respect to Climate Change Events be received.

Received (B. McKee)

Recommendation EAC-0017-2018

7.2. **EAC Environmental Actions Summary**

No discussion took place on this item.

**RECOMMENDATION**

That the EAC Environmental Actions Summary updated for the April 17, 2018 meeting of the Environmental Action Committee, be received for information.

Received (C. Dalton)

Recommendation EAC-0018-2018

7.3. **Environmental Action Committee Work Plan**

No discussion took place on this item.

**RECOMMENDATION**

That the Environmental Action Committee Work Plan updated for the April 17, 2018 meeting of the Environmental Action Committee, be approved.

Approved (B. Bass)

Recommendation EAC-0019-2018

8 **INFORMATION ITEMS**

8.1. **Updated Corporate Policy & Procedure: Respectful Workplace and Workplace Violence**

**RECOMMENDATION**

That the Updated Corporate Policy & Procedure: Respectful Workplace and Workplace Violence be received for information.

Received (A. Roblin)

Recommendation EAC-0020-2018

9. **OTHER BUSINESS**

Lisa Urbani, Environmental Research Assistant advised that the litter cleanup that was to take place at 1:00 p.m. today at Union Park is cancelled due to the week's inclement



weather, and will be re-scheduled.

Brad Bass, Citizen Member, and Councillor Mahoney, Chair, congratulated Pujita Verma, Pujita Verma, Peel Environmental Youth Alliance on her new position as the City of Mississauga's new Youth Poet Laureate.

10. **DATE OF NEXT MEETING** – Tuesday, May 15, 2018 - 9:30 AM, Committee Room A

11. **ADJOURNMENT** – 11:07 AM

DRAFT







# Alternative Spokes. Different Folks.



*Dignified Mobility in our Suburban Nation*

Darnel Harris

May 15<sup>th</sup> 2018



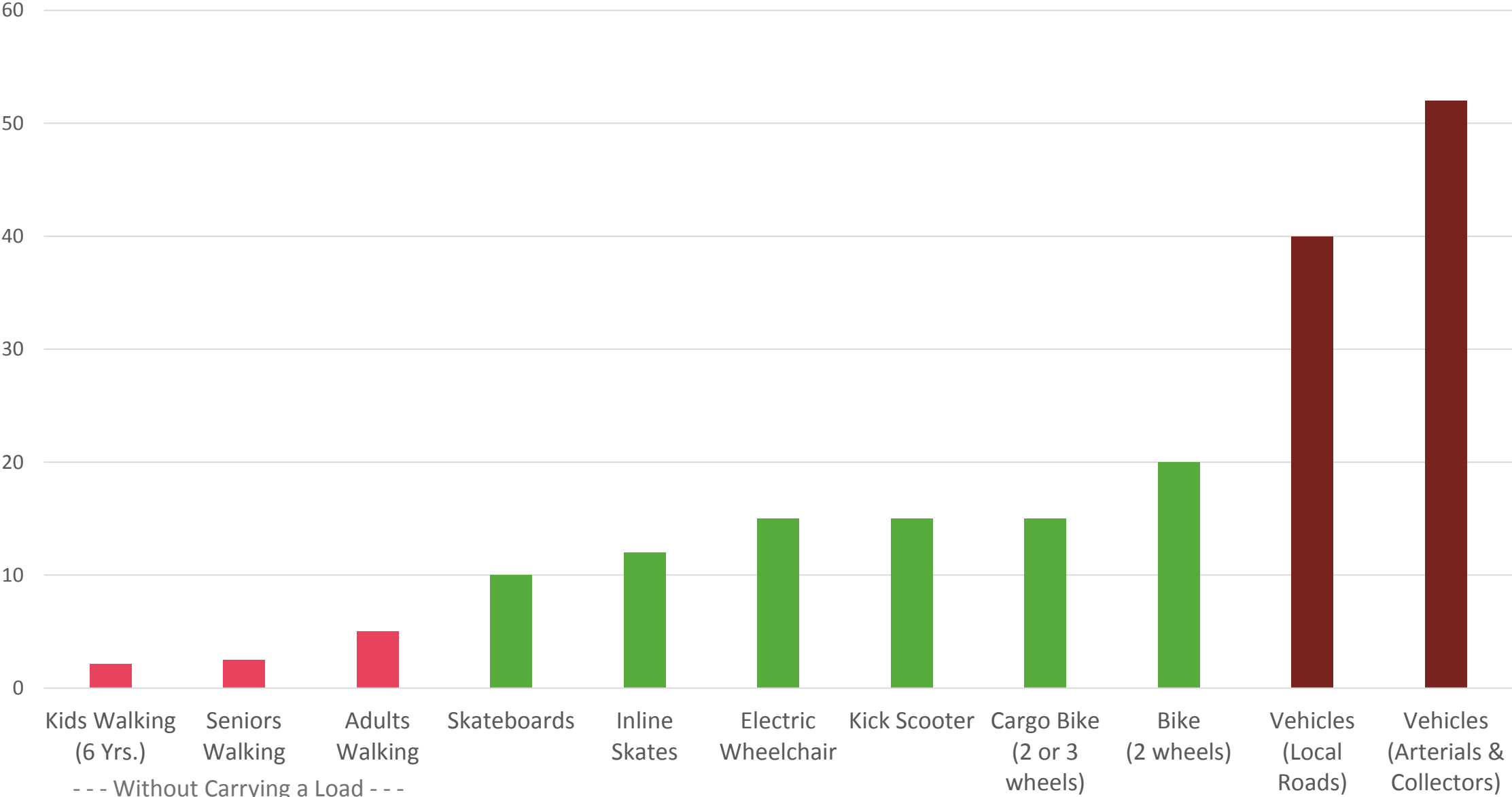




Should you be on the...Sidewalk, 'Bike Lane' or Roadway?

5.1 - 3

Speed  
(KM/h)



Mode of Mobility





Being able to quickly  
get around with both  
kids and goods...



...on safe pathways, with cleaner air, that make it easy to remain mobile (with dignity) all year...

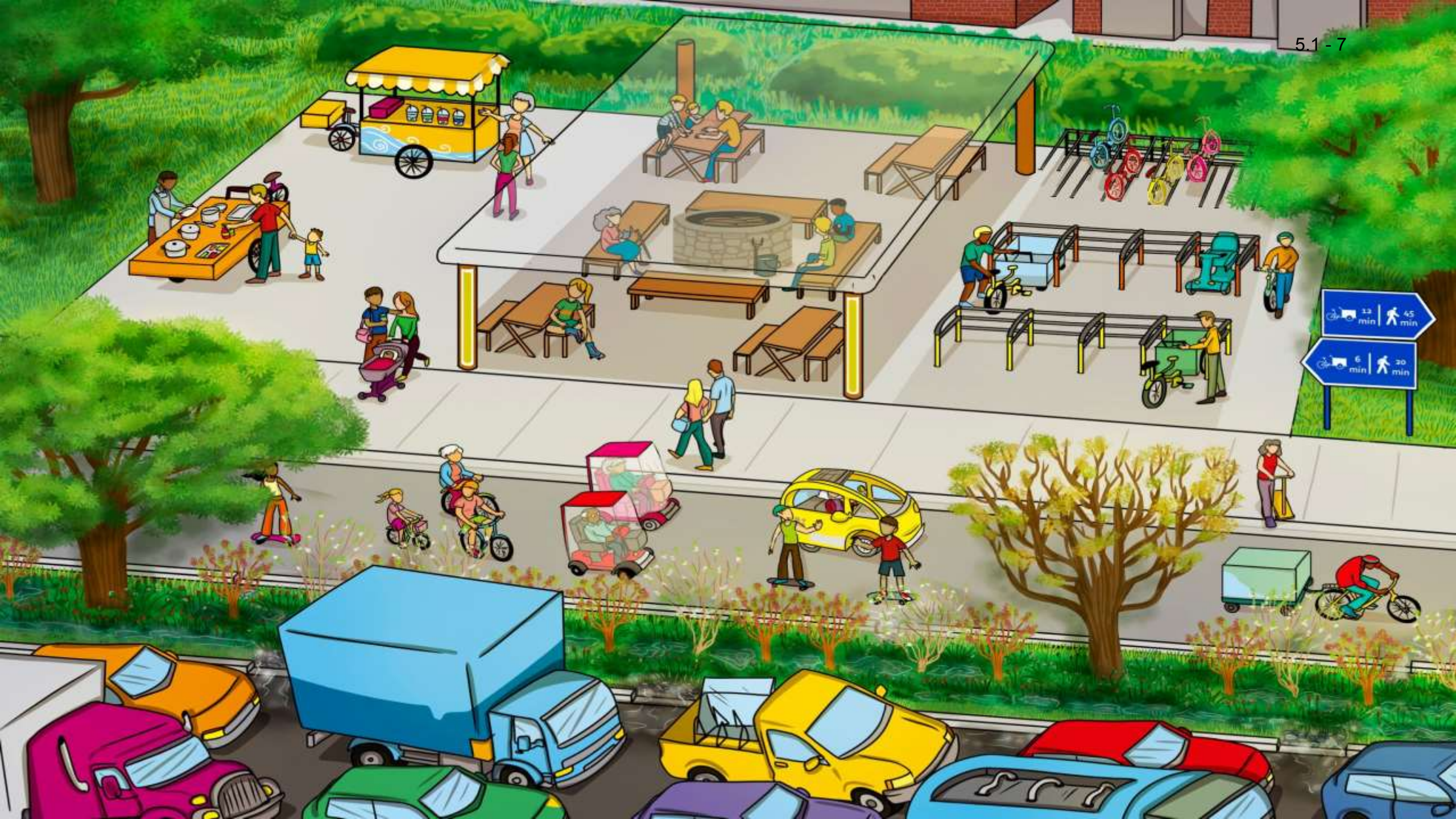




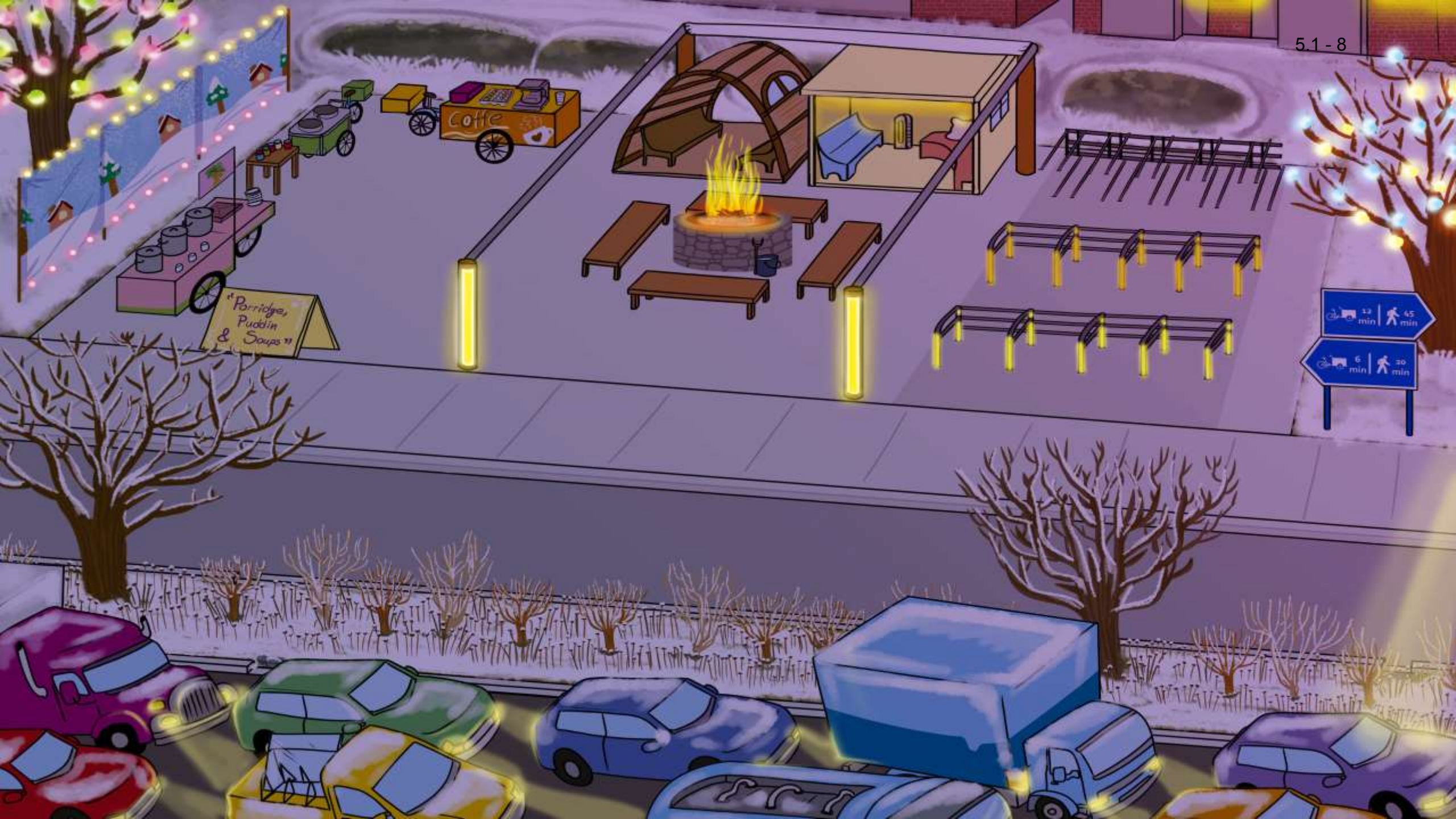
...while supporting good jobs  
which make pathway  
investments popular year  
round!













## 5.1 – Mobility Greenway Design - Mississauga Environmental Action Committee

### Summary:

The City of Mississauga and the Credit Valley Conservation (CVC) Authority have pioneered the use of raingardens to absorb and manage stormwater in Ontario. Installing a ‘Mobility Greenway’ - wide separated bike lanes with integrated green infrastructure and protected intersections - as part of the Hurontario LRT project will create a seamless, practical and safe low carbon ‘travel shed’ centered along Hurontario Avenue. Businesses will be able to haul up to half a ton of goods with cargo trikes. Residents of all ages will be able to employ the bikes, trikes or mobility devices that suit their needs. People walking, taking transit or driving will not be hampered by unsafe or flooded roads, and enjoy a vibrant streetscape all year round.

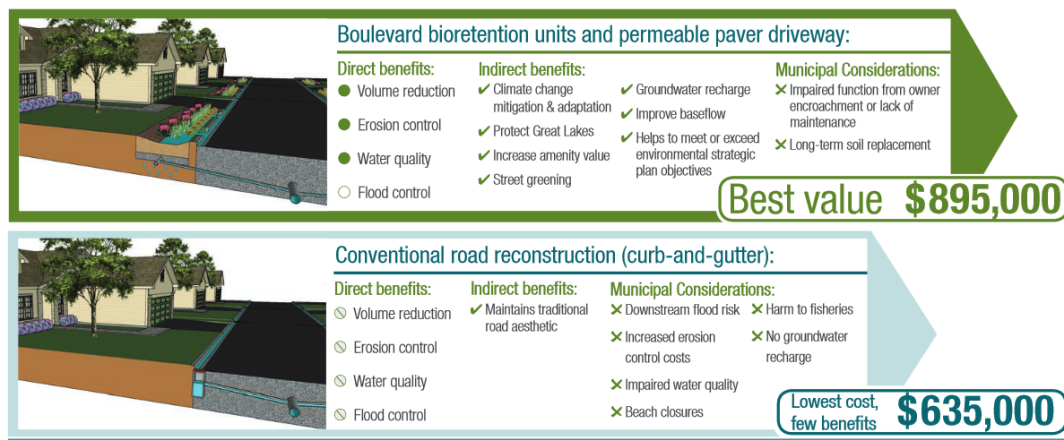


### Greenway Rationale and Benefits:

As Councillor Mullin, and CVC’s Chair notes, “Municipal infrastructure is regularly overwhelmed and ineffective...we’re reminded that existing systems cannot manage intense storms and are failing to protect the environment.” Low impact development (LID) systems, which use plants and trees to slow and treat the water flowing into storm sewers, are cost-effective solutions which yield both direct and long-term savings and benefits to both government and residents.

### Cost Benefit Comparison

Direct Benefit Rating: ● High ○ Moderate ○ Low ○ None



LID usage leads to considerable construction, operation and maintenance savings. The Lakeview and Elm Drive demonstration projects, both constructed by the City of Mississauga and the CVC, were 18% and 10% cheaper to build than

traditional approaches. Even if the initial cost is slightly higher, LID provides the better value. LID reduces stress on storm sewers and street infrastructure extending their lifespan, eliminates pollutants which would otherwise be more expensive to treat, and drastically reduces the risk of flood damage to property and people.



In terms of residents, Toronto Public Health and the David Suzuki Foundation recently conducted two systematic literature reviews on several factors related to health. They found that people derive significant mental and physical health benefits from exposure to green space, as do expectant mothers and their children. Green spaces and mature tree canopies were noted to improve air quality and provide a cooling effect – both vital natural services as weather patterns shift in severity. Plus, the ability to use active transport year-round to carry out practical and commercial tasks will yield health and wellness related savings to both individuals, businesses and all levels of government. As an increasing range of local trips are made viable and safe without a vehicle, vehicular traffic will benefit from a right-of-way design which limits conflict between people, and reduces local vehicle traffic.

While extensive roadside low impact installations are rare so far, that is mainly because of the expense and disruption involved in road reconstruction. However, the building of the 20-



kilometer Hurontario LRT Project will require extensive road reconstruction. Therefore, there is a historic opportunity to embed flood protection and practical active mobility into the heart of the city. The Indianapolis Cultural Trail (left), also built in the heart of their downtown, stretches for 13 kilometers and serves as a linear park connecting people to the places they want to go. A project analysis in 2014 revealed: a) 148% increase in property values near the Trail; b) a sustained rise in revenue and customer traffic for businesses near the Trail; c) 19 out of 20 people felt safe and secure using the heavily used Trail; d) nearly a billion (US) dollars in economic impact and twelve thousand jobs created were created since the Trail's inception.

While Resolution 0046-2014 requires City staff to look at the possibility of using raingardens when capital road work projects are considered, integrating a high volume of active mobility for goods and people movement into the design is not a specific focus. Given that the Request for Proposals process for the Hurontario LRT is in its infancy, there is an urgent need for City staff to work with all relevant partners and the three prospective consortia to ensure that the Mobility Greenway approach is considered along the entire right-of-way.

When built, this proposed Greenway will simultaneously support the development of a transit oriented city, ensure all ages can thrive, complete neighbourhoods, support low carbon lifestyles and aid in the cultivation of creative and innovative businesses. The Greenway's high-volume lanes will also directly advance the core goal of Mississauga Environmental Action Committee, to make Mississauga a world-class green city where people choose to live, work and play.



For all these reasons, I present the motion below for consideration:

**Complete Draft Motion – MCAC 7.7**

WHEREAS Mississauga's stormwater drainage system protects water quality and lowers the risk of flooding that can damage our infrastructure, property and the environment;

AND WHEREAS increasing incidences of severe weather highlight the value understanding and mitigating risks related to changing weather patterns resulting from climate change;

AND WHEREAS that the Hurontario Light Rail Transit Project is a provincially-planned and funded \$1.4 billion light rail system, developed by the cities of Mississauga and Brampton with Metrolinx, which will involve extensive road capital works;

AND WHEREAS the City of Brampton has voted to direct staff under item CWS136-2018 to consider the Mobility Greenway design for application in a range of City projects, including the Hurontario Light Rail Transit Project;

AND WHEREAS the City of Mississauga seeks to inspire the world as a dynamic and beautiful global city for creativity and innovation, with vibrant, safe and connected communities;

AND WHEREAS our Strategic Plan seeks to improve our active transportation modal split, support housing affordability, connect residents to our community spaces, enable communities to be creative and sustainable, and increase our tree canopy and natural spaces;

AND WHEREAS Mississauga Moves is a plan being developed by the City of Mississauga to shape the way in which goods and people travel on our roads, sidewalks, trails and transit until 2041;

AND WHEREAS Mississauga's Road Safety Program takes detailed measures to improve road safety in Mississauga and reduce the risk of people getting injured;

AND WHEREAS the City of Mississauga has successfully implemented LID projects within road right-of-ways which have significantly reduced peak stormwater flows and runoff volume;

AND WHEREAS the Transport and Works department is directed by Resolution 0046-2014 to report on the technical and cost feasibility of low impact development opportunities which would protect provide optimal value and protect from flooding as part of our annual business planning and budget process;

**NOW THEREFORE BE IT RESOLVED THAT:**

The Transportation and Works Department, in consultation with relevant partners, be directed to conduct a triple bottom line cost benefit analysis, including assessing climate resiliency infrastructure funding opportunities, of building high volume separated bike lanes and protected intersections, buffered by integrated living green infrastructure, and social nodes where appropriate, along the length on both sides of the Hurontario Light Rail project.









# Burnhamthorpe SNAP Update & Tower Program Overview

Mississauga EAC  
May 15, 2018





# SNAP

Sustainable Neighbourhood  
Retrofit Action Plan



A neighbourhood-based solution  
for sustainable urban renewal  
and climate action.

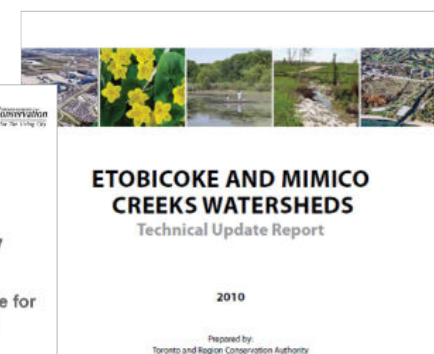
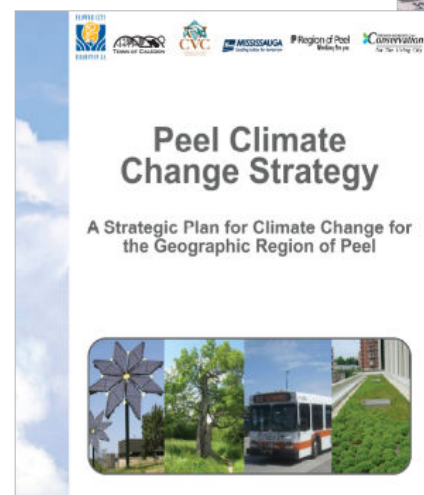
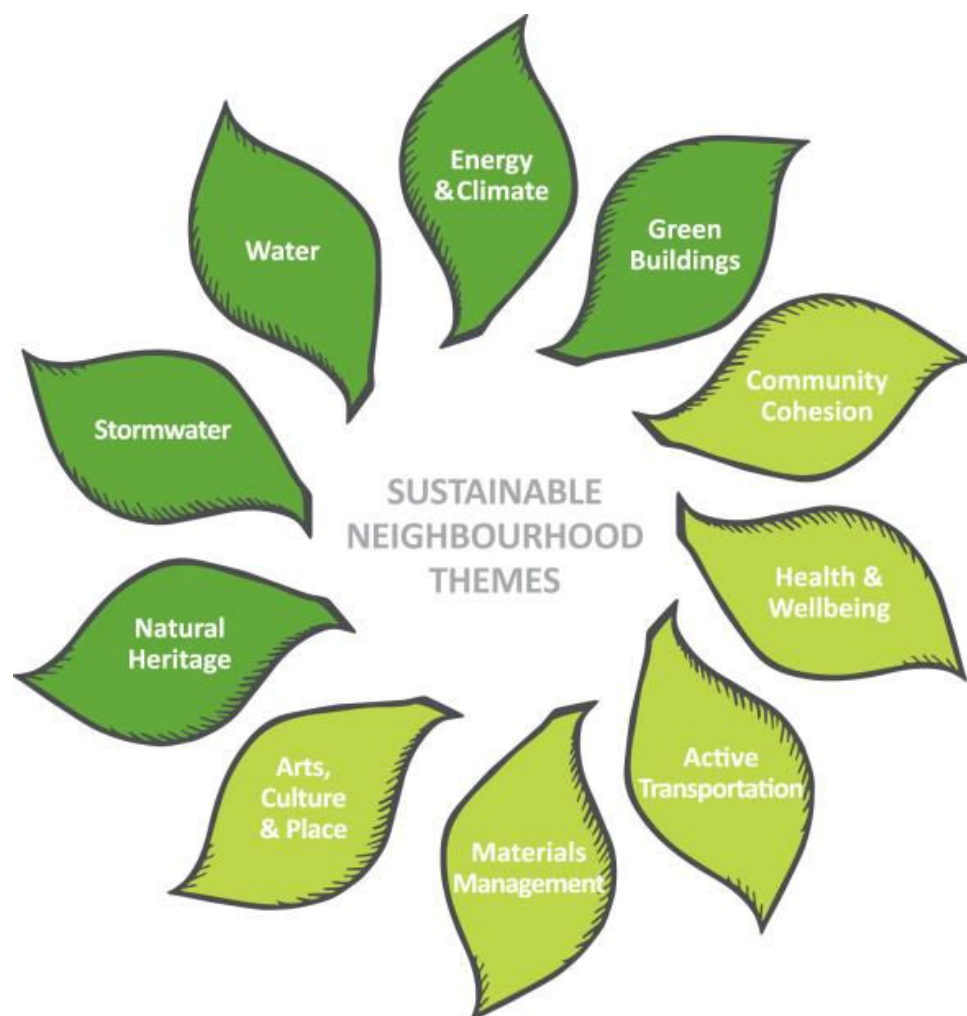
- ✓ Brings efficiencies
- ✓ Draws strong community support
- ✓ Builds innovative partnerships for implementation
- ✓ 6 SNAP across GTA + growing







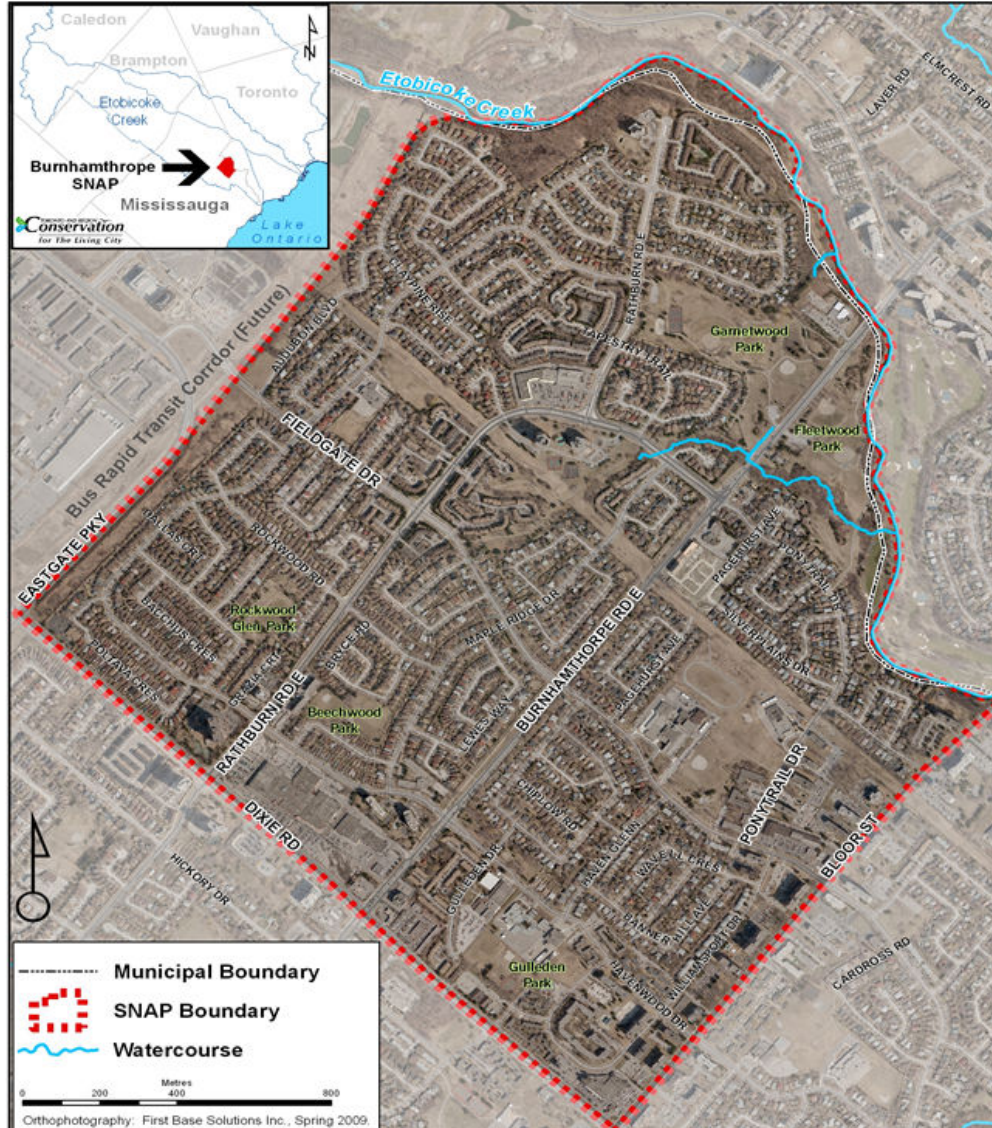
# Supports Integrated Implementation







# Burnhamthorpe Neighbourhood



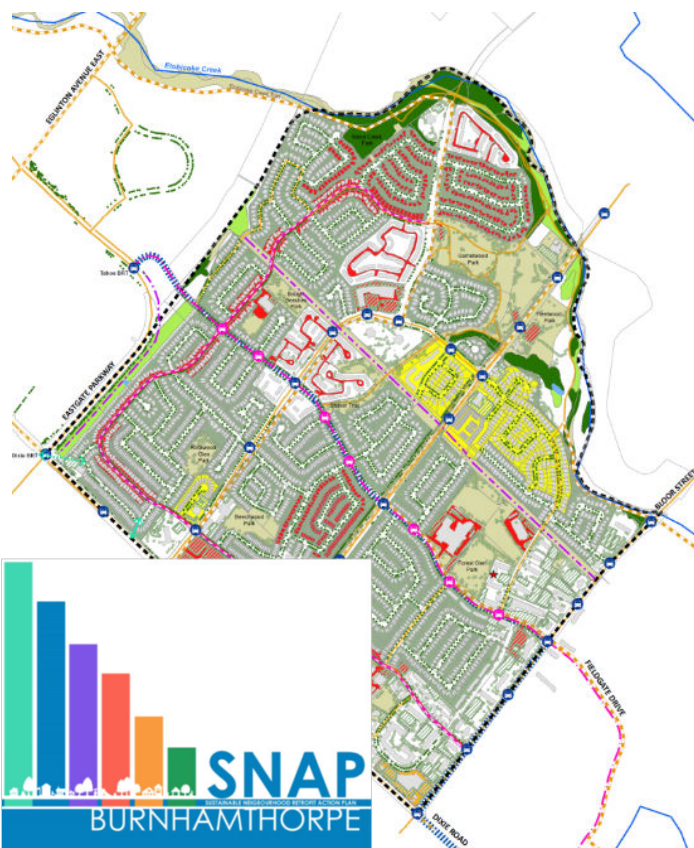
- Boundaries: Eastgate Parkway, Bloor Street, Dixie Road and Etobicoke Creek
- 21,000 people
- Diverse neighbourhood







# Burnhamthorpe SNAP Action Plan



## Residential Resilience

Adapting to a changing climate through green actions at home



## Food-Tower Connection

Enabling local food production and sharing, in towers and across the neighbourhood



## Occupying the Street

Creating greener and more vibrant streets over time







## 2016 Residential Pilot Program



- **Objective:** Increase uptake in downspout disconnection, rainwater harvesting, flood prevention retrofits, referrals to programs available (City and Region)
- **Target:** Single family homes (pre-1975)
- **Delivery:** Targeted one-window programming
  - Home Consultations to stormwater management in and around the home / property
  - Downspout Disconnection Workshops
  - Information Station set at the Burnhamthorpe Library each week







## 2016 Results and Lessons Learned

- 35 Home Consultations
- 5 Workshops - 75 ppl
- 15 Info Stations - 228 ppl
- Interest in DD where it's easily done, low cost
- Home consultations offer strategic platform
  - Clarify confusion
  - Educate on further actions
  - Cross-promotion
- Neighbourhood delivery offers tailored messaging

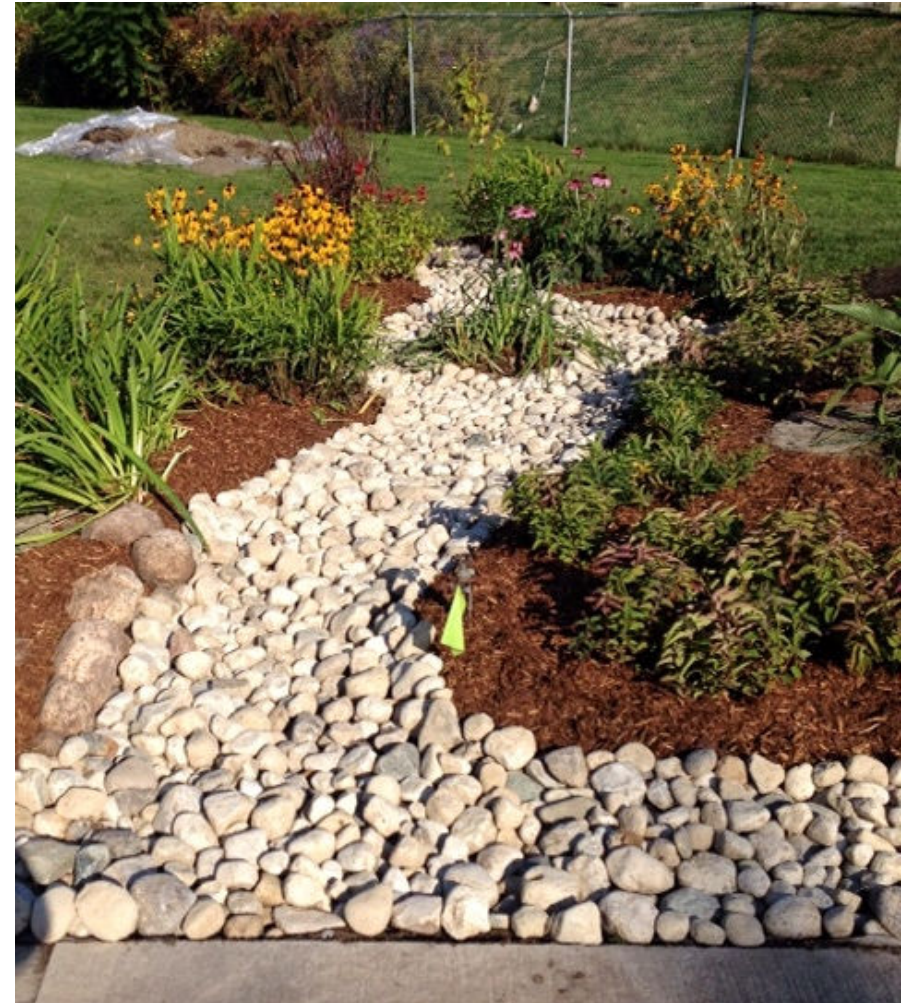






## Demonstration Rain garden

- Partnership project led by Ecosource at Sheridan Nurseries (Burnhamthorpe Rd), technical input from TRCA SNAP and STEP
- Youth design and installation
- Strategically located, living showcase aimed at educating homeowners, commercial and industry
- Provides ideal site for workshops about green infrastructure







## 2017 Harvest Highway Pilot Program

- **Objective:** Provide a food growing experience, increase balcony greening, make connections to help inform tower programming
- **Target:** Tenants in MUR towers
- **Delivery:** Provide tools and hands-on training for balcony gardening
  - Delivery of Gardening Kits (43 units, 3 MURBs, 90 kits)
  - Container Gardening Workshop (15 ppl)
  - Year-end Harvest Celebration







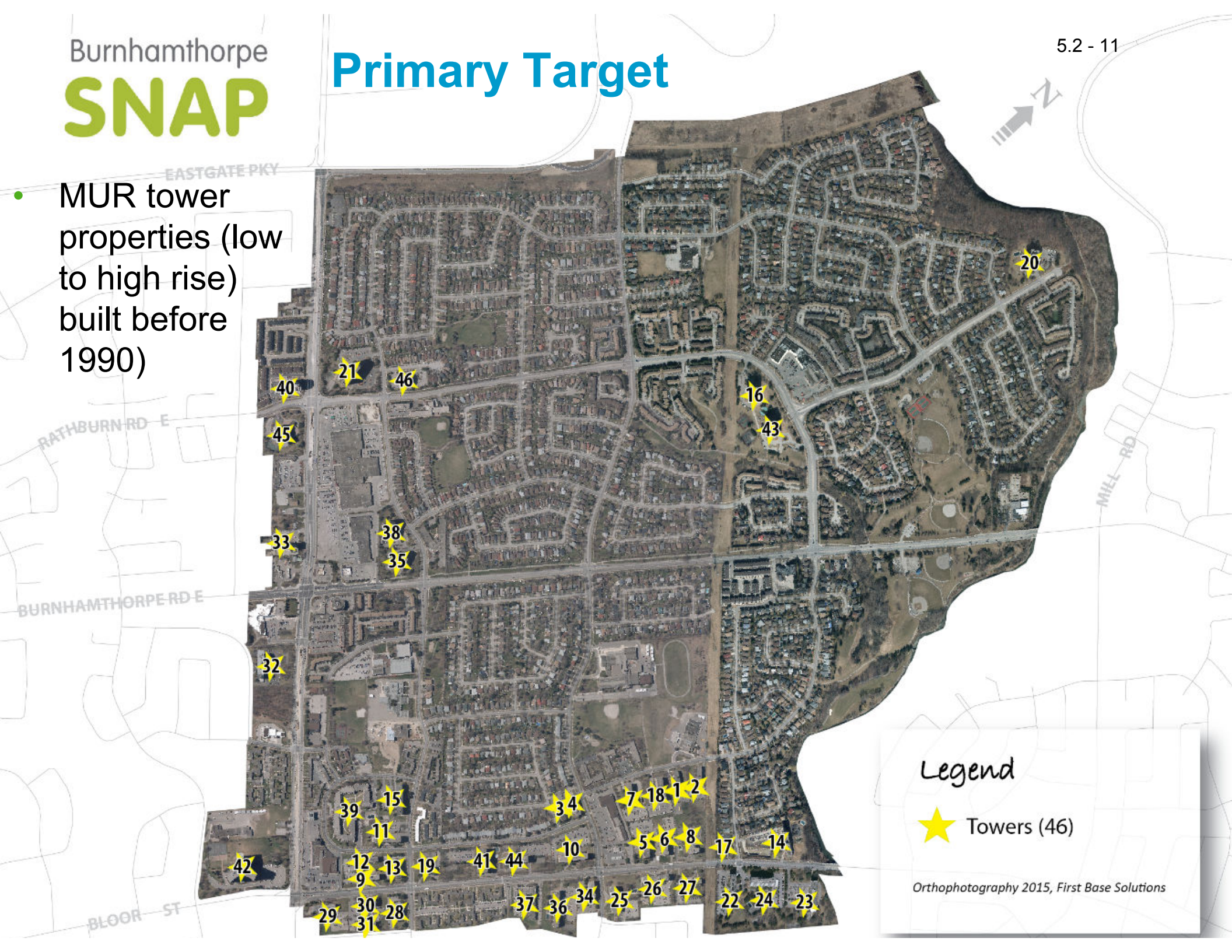
## 2018 Tower Program (~3 year pilot)

- **Objectives:** Increase tower sustainability and climate change resilience through increased uptake of indoor and outdoor water and energy retrofits. Achieve co-benefits in tower community health and well-being.
- **Target:** MUR tower properties (low to high rise) built before 1990
- **Delivery:** One-window referral service and high profile demonstration site
  - One-on-one meetings with tower management
  - Events to increase participation as required
  - Strategic demonstration(s)






- MUR tower properties (low to high rise) built before 1990)





## Strategic Demonstration(s)

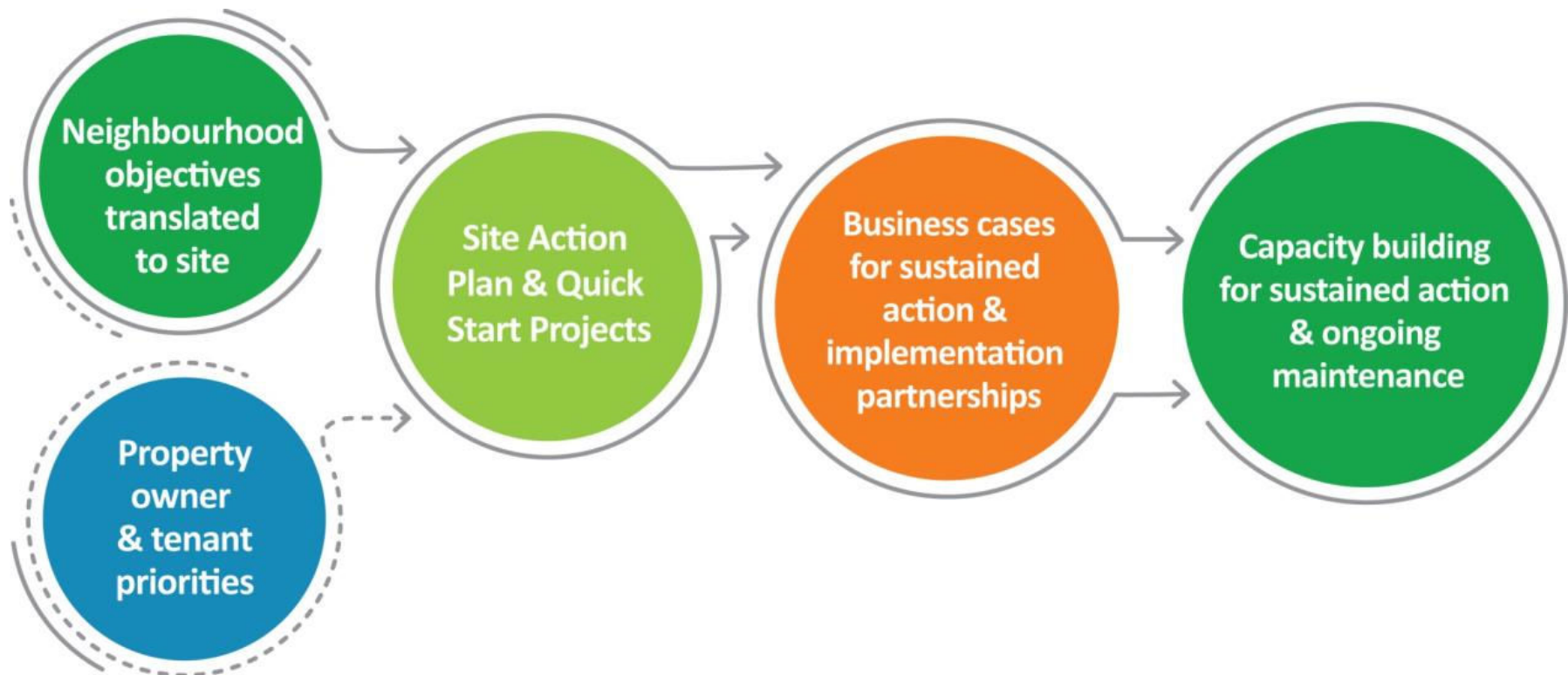
- Building efficiency assessments
  - On-site Tower retrofit demonstration – *creative design with partners*
  - Tenant Engagement
  - Financing
  - Profile and PR
- 
- A photograph showing a modern building with a sign that reads "COMMUNITY GARDEN BLDG". The building is partially obscured by lush green trees and pink blossoms, suggesting a garden or park setting. The image is framed by a thin black border.







## SNAP's Approach to MUR Revitalization







## What's Next

### Next Steps in Tower Program:

- Kick-off communications – June
- Deliver program, identify demonstration site(s)

### EAC Action Opportunities:

- Identify local tower connections
- Promote the program through your networks
- Participate in the demonstration site design (winter 2018/2019)
- Continue to identify SNAP neighbourhood projects and collaborations







# Thank You!

## Stay Connected:

[www.sustainableneighbourhoods.ca](http://www.sustainableneighbourhoods.ca)



**Shannon Logan**

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[slogan@trca.on.ca](mailto:slogan@trca.on.ca)

**Sabrina Selvaggi**

Project Coordinator  
(416) 661-6600 ext. 5780  
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# EAC ENVIRONMENTAL ACTIONS SUMMARY

**2015-2018**

<b>ACTION</b>	<b>Member(s)</b>	<b>DATE/Hours</b>
<i>Actions, events, workshops, conferences, training etc., that member(s) have done/ participated in related to being an EAC Member</i>	<i>Name of Member/Members/ Working Group</i>	<i>Date/Days/Hours (e.g. April 25, 2015, volunteer ½ day)</i>
<b>Attended Provincial EAC Symposium</b>	Chelsea Dalton	May 2, 2015 - 1 day
<b>Attended 100% Possible March in Ottawa</b>	Chelsea Dalton	November 29, 2015 – 1 day
<b>Attended Mississauga Moves 2015 Conference</b>	Chelsea Dalton	November 9, 2015 – 1 day
<b>Attended Community Environmental Appreciation Evening</b>	Chelsea Dalton	2015 – ½ day
<b>Attended Clean Air Council Summit</b>	Chelsea Dalton	2015 – 1 day
<b>Represented EAC at Clean Air Partnership 2015-2018 Inter-governmental Declaration on Clean Air and Climate Change in Toronto</b>	Alex Dumesle	2015 – 1 day
<b>Represented EAC at FCM Sustainable Conference in Ottawa</b>	Alex Dumesle	February 2016
<b>PPG partnered with CVC and Stormwater Management Team at City of Mississauga to provide a workshop to 50 industrial and commercial end users on the upcoming stormwater charge (2<sup>nd</sup> partnership presentation)</b>	Alex Dumesle	2015
<b>Attended FCM – Sustainability Conference in Ottawa</b>	Councillor Jim Tovey	February 2016
<b>Attended Seedy Saturday Mississauga Event</b>	Councillor Jim Tovey	February 20, 2016
<b>Represented EAC at Credit River Alliance meeting at Riverwood</b>	Dave Beaton	February 2016
<b>Working to engage Credit River Alliance members in policy/ by-law review</b>	Dave Beaton	Ongoing
<b>Exploring options re. pollinators/”Bee City”</b>	Dave Beaton	Ongoing
<b>Presenting at Sharing Experiences Workshop</b>	Dave Beaton	March 5, 2016



# EAC ENVIRONMENTAL ACTIONS SUMMARY

**2015-2018**

<b>Green Ambassadors program volunteer</b>	Brad Bass	Summer 2016
<b>Management of small native meadow sites on institutional property following conversion from turf grass or invasive plants to native plants and a Creature Tower to provide habitat for pollinating insects</b>	Brad Bass	April to October 2015
<b>Attended Seedy Saturday Mississauga Event</b>	Chelsea Dalton	February 20, 2016
<b>Toured the Region of Peel Waste Management facility with PEYA</b>	Chelsea Dalton	March 2016
<b>Attended Green Drinks Mississauga</b>	Joanne Deidun-Roork	April 12, 2016
<b>Attended “Unhooking Your Downspout” Workshop</b>	Joanne Deidun-Roork	April 19, 2016
<b>The Little Green Schoolhouse started a school composter</b>	Joanne Deidun-Roork	April 20, 2016
<b>The Little Green Schoolhouse participated in an Earth Day 40 Minute Walk to clean up their local community</b>	Joanne Deidun-Roork	April 22, 2016
<b>Posted a link to Mississauga’s Earth Days on Facebook</b>	Joanne Deidun-Roork	April 2016
<b>Attended the Community Environmental Appreciation Evening</b>	Councillor Matt Mahoney, Councillor Jim Tovey, Brad Bass, Dave Beaton, Charles Cooper, Stephanie Crocker, Chelsea Dalton, Joanne Deidun-Roork, Manasi Goyal, Lea Ann Mallett, Eashan Karnik	April 18, 2016
<b>Facilitated interactive discussion panel at the Community Environmental Appreciation Evening</b>	Brad Bass, Charles Cooper, Chelsea Dalton, Joanne Deidun-Roork	April 18, 2016
<b>Attended the Swiftwatch Mississauga Open House</b>	Chelsea Dalton	April 2016
<b>Attended Green Drinks Mississauga to promote the Earth Market</b>	Joanne Deidun-Roork	May 10, 2016
<b>Volunteered at Earth Market</b>	Joanne Deidun-Roork	May 28, 2016
<b>Installed a rain barrel at The Little Green Schoolhouse</b>	Joanne Deidun-Roork	May 2016
<b>Tree planting event co-hosted by CVC and PPG at Camilla Park</b>	Alex Dumesle	May 7, 2016



# EAC ENVIRONMENTAL ACTIONS SUMMARY

**2015-2018**

<b>Attended the Provincial EAC Symposium</b>	Charles Cooper	May 2016
<b>Attended Green Drinks Mississauga</b>	Charles Cooper	July 2016
<b>Volunteer marshal on 12 Community Rides with the Mississauga Cycling Advisory Committee including marshal training and organizing the UTM Community Ride in September, as well as participating in the Tour de Mississauga in September</b>	Chelsea Dalton	July – October 2016
<b>1. Hosted Greening Sacred Spaces at Solel Congregation for tour of naturalized landscapes</b> <b>2. Hosted 40 volunteers from Canon Corp to expand a meadow at Solel Congregation</b> <b>3. Green Ambassador – Many Feathers Farmers Market, Lisgar GO</b> <b>4. Cleared invasive plants/established new garden at Solel Congregation</b>	Brad Bass	October 2016
<b>1. Assisted in coordination of Farmer's Market at University of Toronto</b> <b>2. Assisted in organization of UofT's Environment Week</b> <b>3. Participated in tree planting event – One Million Trees</b> <b>4. Attended Friends of the Credit Stewardship Forum</b> <b>5. Participated in waste removal volunteer event for the Credit River</b>	Eashan Karnik	September – October 2016
<b>1. Assisted in organizing the PEYA September General Meeting</b> <b>2. Great Canadian Shoreline Cleanup Contributor and Photographer</b> <b>3. Spoke for PEYA and youth role in environmental stewardship at One Mic United</b> <b>4. Participated in Dundas Connects Consultation</b> <b>5. Delegate at United Nations Sustainable Development</b>	Pujita Verma	September – October 2016



# EAC ENVIRONMENTAL ACTIONS SUMMARY

**2015-2018**

<b>Training Conference</b> <b>6. Organized community cleanup in neighbourhood</b> <b>7. Attended Canadian Wildlife Federation's "Wild Outside Camp"</b> <b>8. Assisted in organizing the PEYA October General Meeting (fall gardening and garlic planting)</b>		
<b>1. Opening speeches @ PEYA's Annual EcoBuzz Conference</b> <b>2. Joined UN Sustainable Development Goals Task Force Toronto</b> <b>3. Hosted an Upcycling Workshop for Ink Movement Mississauga</b> <b>4. PEYA November General Meeting on Infrastructure on Sustainable Future</b> <b>5. Helped with Giving Tuesday eco-friendly workshop</b>	Pujita Verma	November 2016
<b>1. Coordinated University of Toronto's delegation for the United Nations Winter Youth Assembly re. United Nations 2030 sustainability agenda</b> <b>2. Assisting with UTMSU Farmers Market</b> <b>3. Assisting with the "Show Me Your Green" conference and case contest</b>	Eashan Karnik	December 2016/January 2017
<b>1. Attended Cycling Advisory Committee's volunteer appreciation event &amp; provided feedback on MCAC's deputation to Council</b> <b>2. Attended Women's March in Toronto promoting women's rights, social justice and environmental action</b>	Chelsea Dalton	December 2016/January 2017
<b>1. Attended Seedy Saturday event</b>	Chelsea Dalton	February 2017
<b>1. Coordinating with Andrea McLeod and the Undergraduate Commerce Society for the City of Mississauga's involvement in the EAC;</b> <b>2. Representing the City of Mississauga at the United Nations Winter Youth Assembly to discuss</b>	Eashan Karnik	February 2017



# EAC ENVIRONMENTAL ACTIONS SUMMARY

**2015-2018**

the Sustainable Development Goals of Climate Action being achieved in Mississauga; 3. Representing the City of Mississauga at the United Nations Association in Canada's Active Citizens Social Enterprise conference; 4. Conducting guest lectures at the University of Toronto Mississauga for the UN's work on Climate Action and Clean and Affordable Energy.		
U of T, Mississauga Campus, "Show me the Green" conference and competition	Alex Dumesle	March 2017
Represented EAC at the Globe Capital Conference	Alex Dumesle	April 4 & 5, 2017
Canada 150 Tree Planting events, Wards 4 and 11	Eashan Karnik	April 2017
Shared Mississauga's Earth Day festivities with Canada 150 Community Leaders Network	Eashan Karnik	April 2017
Photographed Earth Week festivities and shared with Canada 150 Community Leaders Network	Eashan Karnik	April 2017
Represented sustainable innovation in Mississauga at the Youth Innovation Summit in Ottawa	Eashan Karnik	April 2017
Participation in the People Power Challenge as a member of UTM's team	Chelsea Dalton	April 2017
Attended the March for Science on Earth Day	Chelsea Dalton	April 2017
Attended the U of T Sustainability Summit	Chelsea Dalton	April 2017
Planned, promoted and ran Repair Café event at UTM	Chelsea Dalton	April 2017
Attended Earth Day event at John C Pallet Park	Councillor Matt Mahoney	April 2017
Participating in the People Power Challenge (UTM)	Chelsea Dalton	May 2017
Volunteered as a Marshal for the Clarkson Community Ride with the Mississauga Cycling Advisory Committee	Chelsea Dalton	May 2017
Installed a geothermal system in her home (replaces air conditioner and furnace)	Chelsea Dalton	May 2017
Hosted the Credit Valley Conservation Youth Corps at Solel Congregation of Mississauga, with CYC students helping in weeding and planting to expand the amount	Brad Bass	August 2017



# EAC ENVIRONMENTAL ACTIONS SUMMARY

**2015-2018**

of land that has been converted to native landscapes		
Canadian Delegate at the 2017 Youth Summer Assembly at the United Nations	Pujita Verma	August 2017
1. Participating in the Mississauga Bike Challenge (logged 900.2 km so far, equivalent of 6 trees worth) 2. Volunteered as a marshal on 10 of the Mississauga Cycling Advisory Committee's community rides	Chelsea Dalton	July and August 2017
Conducted research as part of the Research Opportunity Program at UTM to see how students' beliefs about the environment, ethical production and social justice translate into their clothing and fast food consumption practices	Minal Waqar	July and August 2017
Attended Canada's Changing Arctic - Walking on Thin Ice Symposium at UTM	Minal Waqar	September 2017
Participated in 50 km Tour de Mississauga route	Chelsea Dalton	September 2017
1. Contributed to Great Canadian Shoreline Cleanup at PEYA's September GM 2. Submitted film to Secondary School Climate Change Video Challenge 3. Regional Representative to Ontario Nature Youth Summit for Environmental Leadership and Biodiversity	Pujita Verma	September 2017
1. Completed the Great Lakes St. Lawrence Cities Initiative Webinar on Great Lakes Environmental Policy 2. Participated in the Great Lakes Forum	Councillor Jim Tovey	October 2017
Attended Mississauga Bike Challenge tree planting	Chelsea Dalton	October 2017
Hosted up-cycling workshops and a pollinator campaign for the Ink Movement	Pujita Verma	November 2017
Received a project grant for a sustainable development initiative	Pujita Verma	January 2018
1. Provided comments on behalf of TRCA to the Region of Peel's draft 2017 Long Range Transportation	Dianne Zimmerman	February 2018



## EAC ENVIRONMENTAL ACTIONS SUMMARY

**2015-2018**

<b>Master Plan on Feb 27, 2018</b> <b>2. TRCA's Partners in Project Green presented to the Mississauga Board of Trade's Environment, Sustainability and Infrastructure Committee</b>		
<b>1. Helped organize and attend PEYA's 15th Annual Ecobuzz Conference</b> <b>2. Helped organize PEYA's February General Meeting</b> <b>3. Attended the Ontario Nature Youth Council Winter Retreat</b>	Pujita Verma	February 2018







## ENVIRONMENTAL ACTION COMMITTEE (EAC) WORK PLAN 2015 - 2018

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