



Agenda  
Environment Advisory Committee  
The Corporation of the City of Brampton

**Date:** Tuesday, April 1, 2025  
**Time:** 6:00 p.m.  
**Location:** Hybrid Meeting - Virtual Option & In-Person in Council Chambers – 4th Floor – City Hall  
**Members:** Raman Vasudev (Co-Chair)  
Sherry-Ann Ram (Co-Chair)  
Sukran Balaban  
Brajgeet Bhathal  
Pushproop Brar  
Charles Coimbra  
Subhash Chander Duggal  
Neil Fairhead  
Shailly Prajapati  
Sandra Roppa  
Regional Councillor G. Toor - Wards 9 and 10

**Accessibility of Documents:** Documents are available in alternate formats upon request. If you require an accessible format or communication support contact the Clerk's Department by email at [city.clerksoffice@brampton.ca](mailto:city.clerksoffice@brampton.ca) or 905-874-2100 TTY 905.874.2130 to discuss how we can meet your needs.

Note: This meeting will be live-streamed and archived on the City's website for future public access.

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1. Call to Order

2. Approval of Agenda

3. Declarations of Interest under the Municipal Conflict of Interest Act

4. Previous Minutes

4.1 Minutes - Environment Advisory Committee - February 4, 2025

The minutes were considered by Committee of Council on February 19, 2025 and approved by Council on February 26, 2025. The minutes are provided for Committee's information.

5. Presentations\Delegations

5.1 Presentation by Kristina Dokoska, Environmental Planner, Planning, Building and Growth Management, re: Draft Climate Ready Brampton

*To be received*

6. Reports/Updates

6.1 Verbal Update from Tooba Shakeel, Policy Planner - Environment, Planning, Building and Growth Management, re: Grow Green Festival

*To be received*

6.2 Verbal Update from Karley Cianchino, Supervisor, Wetlands and Environmental Projects, Planning, Building and Growth Management, re: Donnelly Ponds

*To be received*

6.3 Verbal Update from Pam Cooper, Manager, Environmental Planning, Planning, Building and Growth Management, re: Ground Cover Maintenance and Prohibited Plants By-law

*To be received*

**7. Sub-Committees**

**7.1 Sub-Committee Updates**

- Engagement Sub-Committee
- Events Sub-Committee
- Ad-Hoc Pollinator Sub-Committee

**8. Other New/Business**

**8.1 Verbal Advisory from the City Clerk's Office, re: Resignation of Committee Member Neil Fairhead**

*To be received*

**8.2 Election of Co-Chairs**

**9. Correspondence**

**10. Question Period**

**11. Public Question Period**

**15 Minute Limit (regarding any decision made at this meeting)**

During the meeting, the public may submit questions regarding recommendations made at the meeting via email to the City Clerk at [cityclerksoffice@brampton.ca](mailto:cityclerksoffice@brampton.ca), to be introduced during the Public Question Period section of the meeting.

**12. Adjournment**

**Next Regular Meeting: Tuesday, June 3, 2025**

**Environment Advisory Committee  
The Corporation of the City of Brampton****Tuesday, February 4, 2025****Members Present:**

Raman Vasudev (Co-Chair)  
Sukran Balaban  
Pushproop Brar  
Charles Coimbra  
Shailly Prajapati  
Sandra Roppa

**Members Absent:**

Sherry-Ann Ram (Co-Chair) (regrets)  
Brajgeet Bhathal (regrets)  
Subhash Chander Duggal  
Neil Fairhead (regrets)  
Hardik Mankad  
Regional Councillor G. Toor - Wards 9 and 10

**Staff Present:**

Pam Cooper, Manager, Environmental Planning, Building and Growth  
Management  
Tooba Shakeel, Policy Planner - Environment, Planning, Building and  
Growth Management  
Papiya Roy, Policy Planner - Environment, Planning, Building and  
Growth Management  
Sonya Pacheco, Legislative Coordinator, City Clerk's Office

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1. **Call to Order**

The meeting was called to order at 6:25 p.m. and adjourned at 6:44 p.m.

2. **Approval of Agenda**

The following motion was considered.

**EAC001-2025**

That the agenda for the Environment Advisory Committee Meeting of February 4, 2025, be approved.

Carried

3. **Declarations of Interest under the Municipal Conflict of Interest Act**

Nil

4. **Previous Minutes**

4.1 Minutes - Environment Advisory Committee - December 3, 2024

The minutes were considered by Committee of Council on January 15, 2025, and approved by Council on January 22, 2025. The minutes were provided for Committee's information.

5. **Presentations\Delegations**

Nil

6. **Reports/Updates**

6.1 Verbal Update from Pam Cooper, Manager, Environmental Planning, Planning, Building and Growth Management, re: Grass and Weed Cutting By-law

Pam Cooper, Manager, Environmental Planning, Planning, Building and Growth Management, provided an update on the status of the Grass and Weed Cutting By-law update, and advised that the related staff report will be considered by the Committee of Council at the March 19, 2025 meeting. Pam Cooper highlighted the recommendation passed by the Environment Advisory Committee at the

October 1, 2024 meeting, in which two committee members were selected to delegate the Committee of Council in support of the by-law update.

The following motion was considered.

**EAC002-2025**

That the verbal update from Pam Cooper, Manager, Environmental Planning, to the Environment Advisory Committee Meeting of February 4, 2025, re: **Grass and Weed Cutting By-law**, be received.

Carried

- 6.2 Verbal Update from Tooba Shakeel, Policy Planner - Environment, Planning, Building and Growth Management, re: Grow Green Festival

Tooba Shakeel, Policy Planner - Environment, Planning, Building and Growth Management, provided an update on the 2025 Grow Green Festival, scheduled to take place on Saturday, May 31, 2025 at the Paul Palleschi Recreation Centre. Information was provided regarding event planning and activities, and opportunities for Committee members to provide input, volunteer, and assist with promoting this event.

In response to a suggestion from Committee, staff advised that consideration would be given to incorporating live music at this event.

The following motion was considered.

**EAC003-2025**

That the verbal update from Tooba Shakeel, Policy Planner - Environment, to the Environment Advisory Committee Meeting of February 4, 2025, re: **Grow Green Festival**, be received.

Carried

**7. Sub-Committees**

- 7.1 Discussion Item at the request of Sandra Roppa, Committee Member, re: Sub-Committee Updates

No updates were provided by sub-committee members at this time.

- 7.2 Discussion Item at the request of Sandra Roppa, Committee Member, re: Environment Advisory Committee Goals

Sandra Roppa, Committee Member, asked members if they had any suggestions for initiatives or goals for the Committee to pursue/achieve prior to the end of the Council term. No suggestions were submitted by members at this time.

**8. Other New/Business**

Nil

**9. Correspondence**

Nil

**10. Question Period**

1. In response to a question from Charles Coimbra, Committee Member, regarding the schedule of meetings for the Events Sub-Committee, Sonya Pacheco, Legislative Coordinator, advised that sub-committee meetings are scheduled by sub-committee members and this information is not provided to the City Clerk's Office. It was suggested that sub-committee meeting schedules be shared with all Committee members. In addition, it was noted that sub-committee minutes should be provided to the City Clerk's Office for inclusion on future Environment Advisory Committee agendas.
2. Sandra Roppa, Committee Member, asked staff if the giveaways for the 2025 Grow Green Festival will be environmentally friendly to avoid waste. Tooba Shakeel, Policy Planner - Environment, Planning, Building and Growth Management, advised that giveaways will be educational in nature, and exhibitors will be encouraged to consider environmentally friendly options (e.g. seed packages, reusable straws, etc.).

**11. Public Question Period**

Nil

**12. Adjournment**

The following motion was considered.

**EAC004-2025**

That the Environment Advisory Committee do now adjourn to meet again on Tuesday, April 1, 2025 at 6:00 p.m., or at the call of the Chair.

Carried

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Raman Vasudev – Co-Chair

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Sherry-Ann Ram – Co-Chair



**Date:** 2025-04-01

**Subject:** **Draft Climate Ready Brampton**

**Contact:** Kristina Dokoska, Environmental Planner, Environment & Development Engineering

**Report number:** Planning, Bld & Growth Mgt-2025-245

**RECOMMENDATIONS:**

1. That the presentation from Kristina Dokoska, Environmental Planner, Environment & Development Engineering to the Environment Advisory Committee Meeting of April 1, 2025, re: **Climate Ready Brampton**, be received.

**Attachments:**

- Attachment 1 – Climate Ready Brampton Presentation BEAC



# CLIMATE READY BRAMPTON

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## DRAFT CLIMATE CHANGE ADAPTATION PLAN FOR THE CITY OF BRAMPTON

EAC Meeting  
APRIL 1, 2025

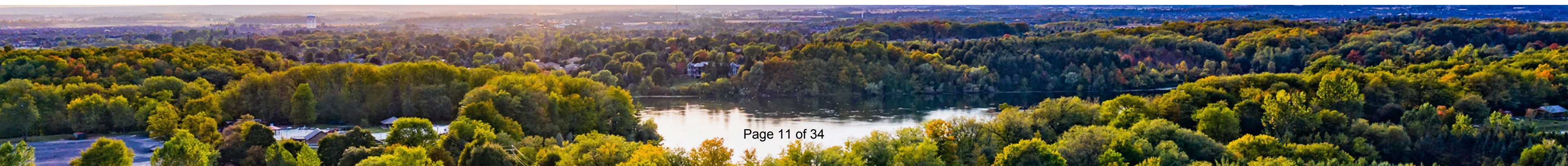
# Land Acknowledgement

*We respectfully acknowledge that this plan was developed on the treaty lands and territory of the Mississaugas of the Credit, as well as the traditional territory of the Haudenosaunee and Wendat. These Nations, alongside all Indigenous Peoples, have lived on and stewarded the land now known as the City of Brampton for generations and continue to call this place home.*

*Brampton recognizes the commitments made in Treaty 19 – the Ajetance Purchase of 1818 – and reaffirms its responsibility to reconciliation through meaningful action grounded in truth, justice, and respect. The agreements of peace and friendship made in the Covenant Chain remind us of our shared duty to care for the lands and waters that sustain us, in partnership with Indigenous Peoples.*

*Brampton acknowledges that climate change poses a growing threat to these lands, waters, and communities. As we develop sustainable policies and practices, we commit to honoring Indigenous knowledge systems, addressing climate impacts, and working to restore a reciprocal relationship with the environment.*

*We express deep gratitude to the original caretakers, whose stewardship has allowed us to live, work, and play in Brampton today and into the future. Their teachings remind us that climate action is not only a necessity but a responsibility we must uphold for future generations.*



# Climate Impacts on the Rise in Brampton

- 2019
  - Extreme snowfall
  - Flash flooding
- 2022
  - Churchville Flooding
  - Extreme Wind Event
- 2023
  - Extreme Heat Event
- 2024
  - July flooding event



# Climate Change in Local News

## Storm that swept through Mississauga and Brampton became category-2 tornado in Uxbridge

Pickering | Brampton | Durham | Mississauga | Community | Latest News | Weather

By [Nathan Sager](#)  
Published May 24, 2022 at 6:45 pm

## Brampton residents grappling with flood damage after area pelted with month's worth of rain

100 mm dumped on north Brampton; normal monthly rainfall at Pearson Airport is 78 mm

CBC News · Posted: Aug 22, 2022 5:28 PM EDT | Last Updated: August 22, 2022

Toronto & GTA

## Flooding causes extensive damage, evacuations in Brampton

Postmedia News  
Published Feb 17, 2022 • 2 minute read

## Extreme heat warning extended in Mississauga and Brampton

+ PREFERRED REGION Mississauga | Brampton | Health | Weather

By [Karen Longwell](#)  
Published July 5, 2023 at 9:04 am

Ontario's Special Advisor on Flooding Report to Government

## An Independent Review of the 2019 Flood Events in Ontario

A Report to the Hon. John Yakabuski, Minister of Natural Resources and Forestry

## Churchville Brampton Flooding

Flooding in Brampton community prompts evacuation, around 100 homes affected

"This flooding is going to leave some devastation," Brampton Mayor Patrick Brown said.

CANADA | FEB 17, 2022

## 'Stuck in the snow': Several cars on this Brampton street left spinning their wheels

City of Brampton said crews are working hard to clear roads within 24 hours after snowfall

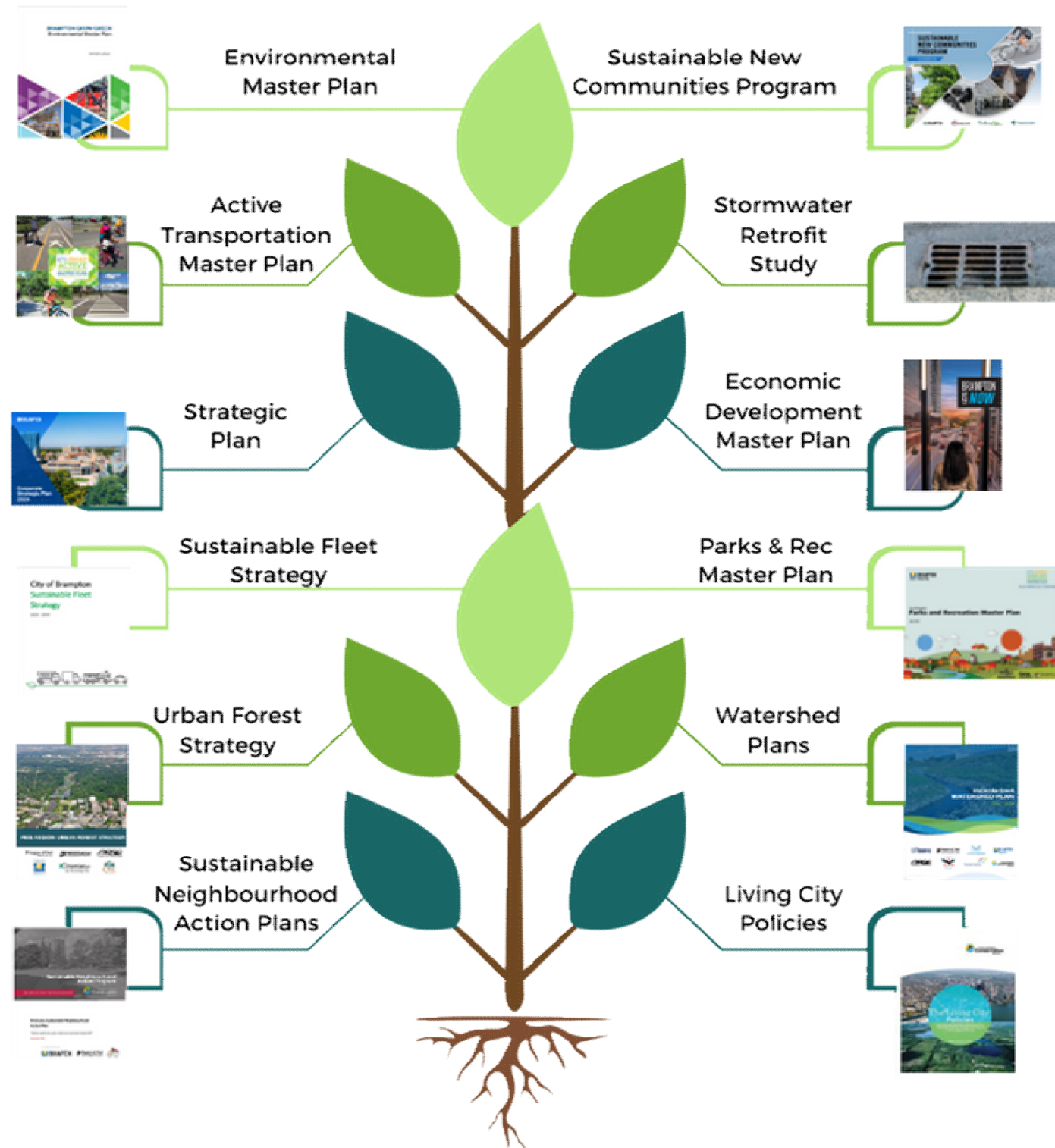


By [Louie Rosella](#) Brampton Guardian  
Monday, January 28, 2019 | 1 min to read

## Highways and roads reopen after flooding in Brampton and Mississauga

+ PREFERRED REGION Mississauga | Brampton | Latest News | Traffic | Weather

By [Karen Longwell](#)  
Published July 17, 2024 at 7:46 am



# Climate Ready Brampton

A 5-year Plan, to help Brampton and its communities prepare for and be resilient to future climate change impacts.

- Builds on Brampton's existing climate action to date
- Updates to existing programs, initiatives, plans and policies and recommendations for new actions
- Collaboration and partnership with City departments and external stakeholders

# Brampton City Council Declares Climate Emergency

by Dylan Olley on June 6, 2019  
In News, Hot Topics, Politics

[Like](#) [Share](#) [Tweet](#)



The Brampton City Council is looking to take action against climate change.

# CRB: Brampton's Response to the Climate Crisis

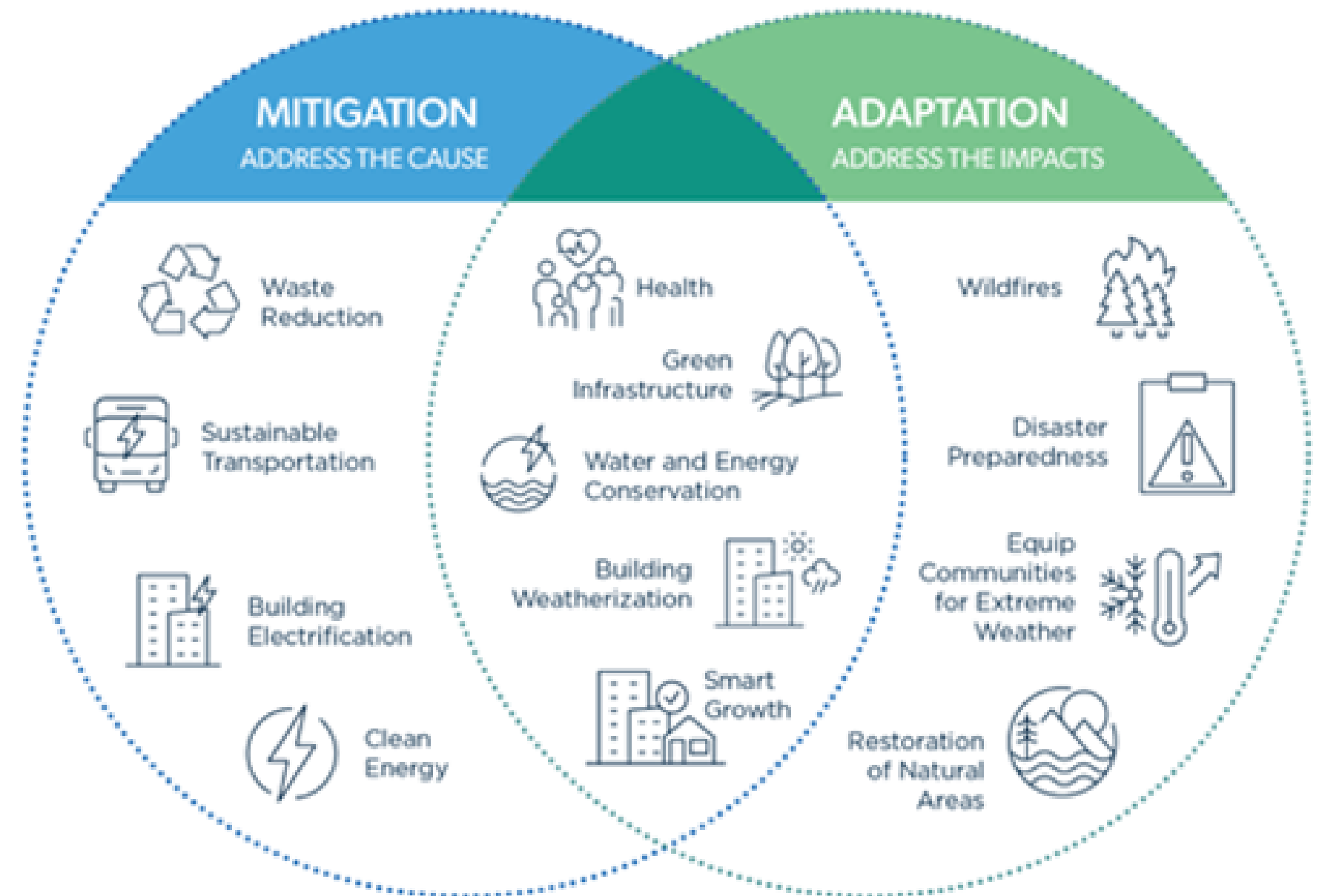
# Adaptation vs. Mitigation

## Climate Adaptation

Reducing our vulnerability and risks to the harmful impacts of climate change and building resilience

## Climate Mitigation

Reducing greenhouse gases by reducing our source of emissions and enhancing carbon sinks





# Plan Development Approach

## Phase 1: Research and Investigation

Risk and Vulnerability Assessment

2022-23

## Phase 3: Implementation

Approve Climate Ready Brampton

Implement Actions

Monitor and Reporting

2025

2022

Project Initiated

2024

## Phase 2: Plan Development

Develop Vision, Goals, Objectives, Actions

Prepare Draft Adaptation Plan



Ongoing Stakeholder and Community Engagement

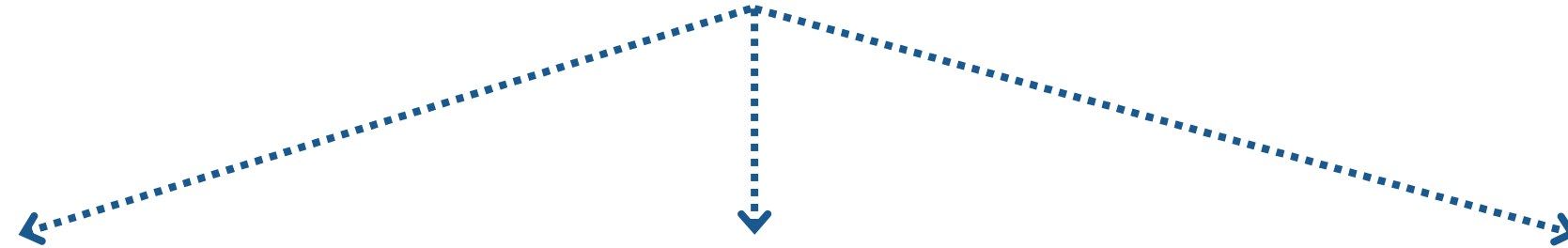
# Project Team and Engagement Structure

Project  
Team

**City of  
Brampton**

+

**Sustainability  
Solutions Group (SSG)**



**Steering  
Committee +  
Technical  
Advisory Team**

**Stakeholder  
Working  
Group**

**First Nations  
Communities**

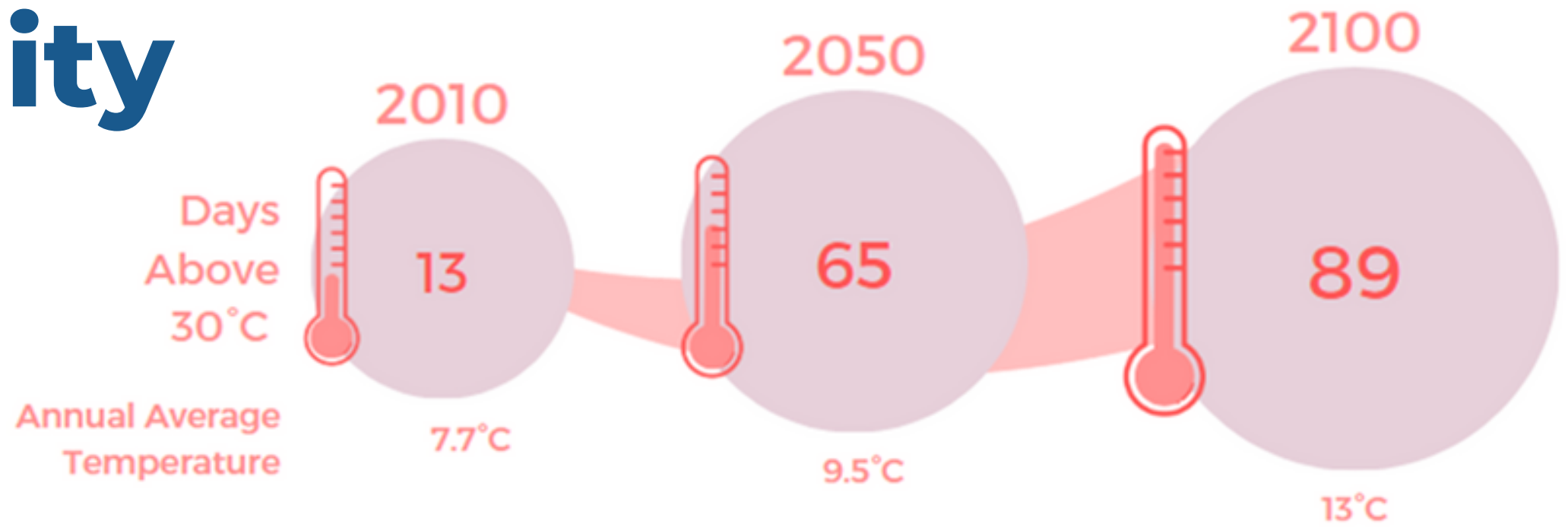
# Engagement

- Initial (pre) meeting with Six Nations of the Grand River
- Climate Change Survey
- Climate Change Art Competition
- Climate Change Exhibition
- Pop-Up Events
  - Farmer's Markets
  - Shopper's World
  - Bramalea City Centre
- Recreation Centres
- Meeting with Mississaugas of the Credit FN and SNGR
- Draft Plan Public Consultation

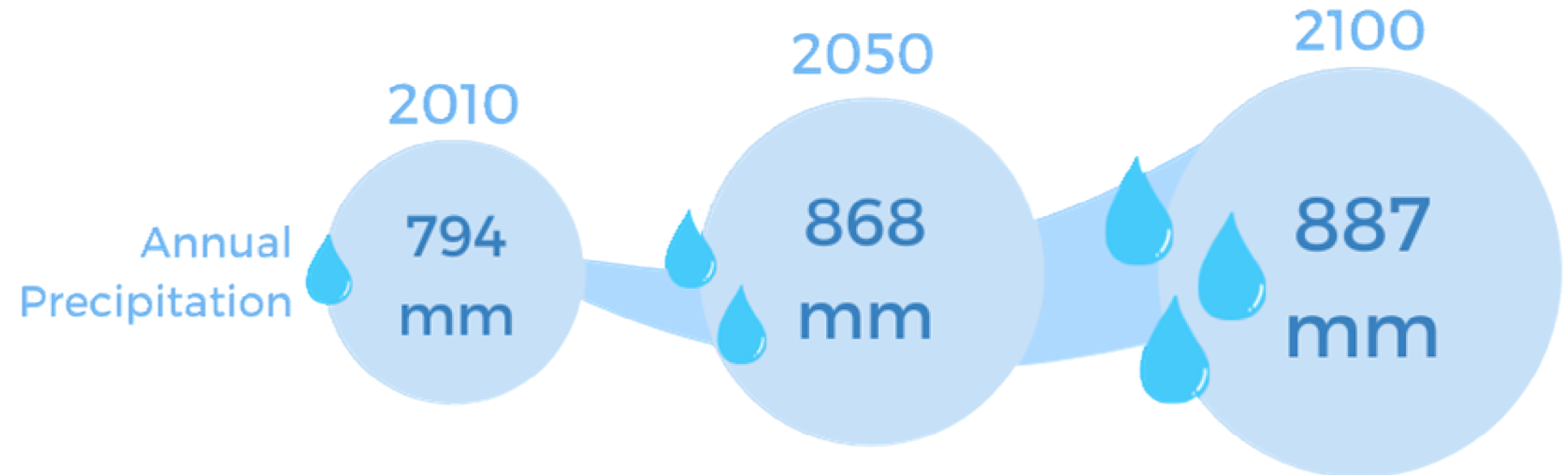


# The Climate Reality

**‘Warmer’**



**‘Wetter’**



**‘Wilder’**



# Top Climate Risks



**Riverine  
Flooding**



**Local  
Flooding**



**Extreme  
Heat**



**Biodiversity  
Change**



**Extreme  
Weather**

# Climate Impacts

## Social

- Physical Impacts (e.g., Injury/death)
- Intensify existing conditions (e.g., asthma)
- Increased risk of heat stroke, heart attacks, respiratory infections, etc.
- Vector-Borne Diseases
- Mental Health Impacts (e.g., trauma, anxiety)

## Environmental

- Intensify the loss of ecosystems and habitat
- Northward movement of species
- Changes to water quality and quantity
- Pest outbreaks and diseases

## Infrastructure

- Increased risk of power outages
- Infrastructure damage and loss of assets
- Deterioration and erosion, shorter lifespan
- Increased maintenance and repairs

## Economic

- Loss of productivity and services
- Disruptions and damages for businesses
- Impacts to tourism and associated activities
- Slow down in economic growth

# Vision

Brampton will be a climate leader fostering resilient, low-carbon, and adaptable communities with thriving natural systems, climate-ready infrastructure, and a robust economy, that advances equity, innovation and quality of life both now and for future generations.

## Theme 1

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Collaborative  
Leadership

## Theme 2

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Protected  
and  
Connected  
People

## Theme 3

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Resilient and  
Healthy Natural  
Systems

## Theme 4

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Resilient  
Infrastructure  
and Buildings

## Theme 5

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Community  
Involvement  
and  
Communication

# Goals

1. Brampton is adaptable to future climate change impacts, which are predicted using the best available science and climate data
2. The most vulnerable people, communities, and places are prioritized for climate action
3. Climate resilience is the new normal, where the City, its partners, neighbourhoods and generations work together to protect each other
4. The economy of Brampton thrives as people, businesses, and industries are prepared for climate emergencies and longer-term climatic changes
5. Strong partnerships enhance efficient and effective climate resilience action
6. Measurable, clear targets guide the work of climate adaptation, and progress is transparently reported



# Collaborative Leadership

## Objectives:

1. Municipal staff are prepared, informed and have all required tools
2. The City is a leader in climate resilience

## Example Actions:

- Climate lens in budgeting and asset management
- Train staff on climate adaptation through Climate Change Seminar Series
- Undertake departmental risk assessments



# Protected & Connected People

## Objectives:

1. Emergency Planning ensures people are prepared for climate disasters
2. Equity-deserving people are prioritized
3. Moving about the city is simple and safe in all conditions

## Example Actions:

- Create a climate toolkit for local businesses
- Review / update Emergency Management Plans
- Free fare during extreme weather



# Resilient & Healthy Natural Systems

## Objectives:

1. Natural spaces help protect Brampton from climate impacts
2. The natural heritage system is healthy, connected and thriving

## Example Actions:

- Tree canopy and natural cover policies and targets that factor in climate change
- Natural Systems Asset Management
- Wetland Health and Restoration Study



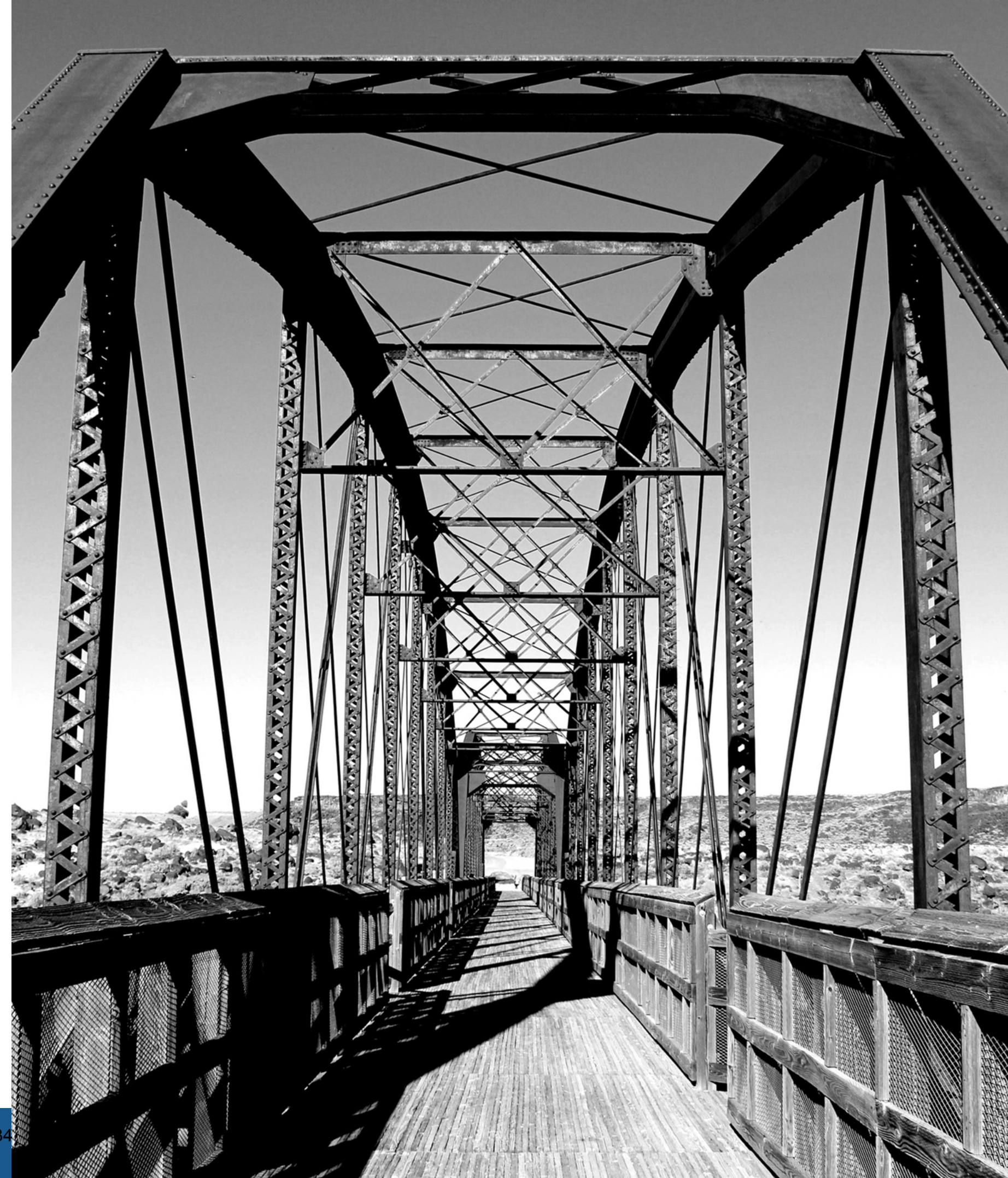
# Resilient Infrastructure & Buildings

## Objectives:

1. Essential infrastructure is resilient
2. Community is safe in their daily life
3. Businesses and ICI buildings are resilient
4. New construction can withstand climate impacts
5. Existing buildings are updated to increase resilience

## Example Actions:

- Integrating Adaptations into a retrofit program
- Culvert Replacement Study
- Community-scale energy storage



# Community Involvement & Communication

## Objectives:

1. The community is involved in climate action
2. Brampton is prepared for climate emergencies
3. Emergency comms. keep the community safe

## Example Actions:

- Incentivizing resilient energy systems
- Home Preparedness Education Program
- Integrating Emergency Preparedness into the City's IDEA (Inclusion, Diversity, Equity, and Anti-Racism) initiatives




# Tracking Metrics & Targets



- 22 Metrics across 5 themes
- 24 Targets linked to associated metrics
- Ongoing, continuous state of vulnerability and risk reduction

## Community Involvement & Communication

	TRACKING METRICS	TARGETS
<ul style="list-style-type: none"> <li>• Number of stormwater storage interventions installed.</li> </ul>	<ul style="list-style-type: none"> <li>→ 90% of homes at risk of basement flooding have backflow preventers by 2030; 100% by 2035</li> </ul>	
<ul style="list-style-type: none"> <li>• Number of resilient retrofits completed</li> </ul>	<ul style="list-style-type: none"> <li>→ 100% of existing dwellings by 2035</li> </ul>	
<ul style="list-style-type: none"> <li>• Number of collaborative projects with an equity checklist.</li> </ul>	<ul style="list-style-type: none"> <li>→ 100% by 2026</li> </ul>	
<ul style="list-style-type: none"> <li>• Number of locations with free emergency water supply.</li> </ul>	<ul style="list-style-type: none"> <li>→ To be determined, based on needs assessment</li> </ul>	
<ul style="list-style-type: none"> <li>• Number of community partnerships for resilience engagement.</li> </ul>	<ul style="list-style-type: none"> <li>→ Number should be stable or increasing annually (2024 baseline)</li> </ul>	

# Implementation Strategy

- Five-year action plan
- Actions for each Theme
- Identifies leads and partners
- Demonstrates Mitigation co-benefits
- Example Short-Term Actions (i.e. 1-3yrs):
  - Develop a Climate Lens
  - Stormwater incentives
  - Update Cooling Centres Strategy

COMMUNITY INVOLVEMENT AND COMMUNICATION					
Action	Timeline	Cost	City Lead	Partners	Mitigation Co-Benefits
Objective 1: Brampton is prepared for climate emergencies					
<b>Integrate Emergency Preparedness into IDEA:</b> Integrate climate change and emergency preparedness in the City's IDEA (Inclusion, Diversity, Equity, and Anti-Racism) initiatives.	Short	\$	Equity Office	Region of Peel	
<b>Define 'Equity-Seeking' Population with Brampton Equity Office:</b> Expand the definition for equity-deserving populations to include individuals at increased risk for health problems and health disparities due to extreme weather events.	Short	\$	Equity Office	Cnsrvtn Auth.	
<b>Develop Climate Equity Checklist:</b> Develop a climate equity checklist to ensure plans and projects identify and help protect Brampton's most vulnerable populations, which should be used alongside any decision-making process to improve equitable outcomes.	Short	\$	Equity Office	Region of Peel, Cnsrvtn Auth.	
<b>Incentivize Stormwater Storage:</b> Develop an incentive program for residents to implement flood-proofing measures on their property (e.g., downspout disconnection, sump pumps, rain barrels, native species planting, grass swales, etc.)	Short	\$\$	Strmwtr Programs	Cnsrvtn Auth. Region of Peel	+
<b>Incentives for Resilient Energy Systems:</b> Develop incentive program for residents to undertake resilient, low-carbon energy retrofits. For example, providing incentives to residents to install heat pumps and energy storage increase energy efficiency, maintain energy demand, lower energy costs, and provide greater thermal comfort.	Medium	\$\$\$	Env Planning	CCET, Cnsrvtn Auth.	+

# Moving Forward

- Municipal resources through corporate Green Team
- Develop Funding Opportunities Assessment
- Implement Action Plan
- Implement Short Term actions
- Ensure municipal policy/program alignment
- Continue staff training on climate change
- Develop a Climate Lens to integrate climate change into projects and decision-making
- Monitor progress and report back
- Communication and outreach





# How Can EAC Help?

- Support and promote Climate Ready Brampton and the benefits of climate resilience to your networks
- Support Climate Ready Brampton and the financial funding opportunities assessment when presented to Council
- Support the City with the implementation of adaptation actions (e.g., community outreach and engagement)
- Participate in engagement activities related to Climate Ready Brampton

# Thank You



Kristina Dokoska

Environmental Planner

Planning, Building & Growth Management

[kristina.dokoska@brampton.ca](mailto:kristina.dokoska@brampton.ca)

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