



Agenda  
Environment Advisory Committee  
The Corporation of the City of Brampton

**Date:** Tuesday, August 9, 2022  
**Time:** 6:00 p.m.  
**Location:** Hybrid Meeting - Virtual Option & In-Person in Council Chambers – 4th Floor – City Hall  
**Members:** Rajbalinder Ghatoura (Co-Chair)  
David Laing (Co-Chair)  
Alexandra Belen  
Harripaul Bridgemohan  
Akeem Gardner  
Jafir Jaferi  
Tamsen Metcalfe  
Davika Misir  
Charry Rakhara  
Sherry-Ann Ram  
Stacey Wilson  
City Councillor D. Whillans - Wards 2 and 6

For inquiries about this agenda, or to make arrangements for accessibility accommodations for persons attending (some advance notice may be required), please contact:  
Sonya Pacheco, Legislative Coordinator, Telephone 905.874.2178, TTY 905.874.2130  
[cityclerksoffice@brampton.ca](mailto:cityclerksoffice@brampton.ca)

Note: Meeting information is also available in alternate formats upon request.

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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 - June 14, 2022

The recommendations were approved by Committee of Council on June 22, 2022 and are pending approval by Council. The minutes will be considered by the Committee of Council on September 7, 2022. The minutes are provided for Committee's information.

5. Presentations\Delegations

5.1. Staff Presentation re: Bird Friendly City Application

Presenter: Jennifer Khuu, Environmental Planning Student, Public Works and Engineering

*Recommendation*

5.2. Staff Presentation re: Climate Change Adaptation Plan

Presenter: Kristina Dokoska, Policy Planner - Environment, Public Works and Engineering

*To be received*

6. Reports/Updates

6.1. Verbal Update from Zoe Milligan, Environmental Project Specialist, Public Works and Engineering, re: Grass and Weed By-law Review

*To be received*

- 6.2. Verbal Update from Michael Hoy, Supervisor, Environmental Planning, Public Works and Engineering, re: Centre for Community Energy Transformation (CCET)

*To be received*

- 6.3. Verbal Update from David Laing, Co-Chair, Environment Advisory Committee, re: Grow Green Network Sub-committee and Brampton Environmental Alliance

*To be received*

**7. Sub-Committees**

**8. Other New/Business**

- 8.1. Discussion Item at the request of Stacey Wilson, Committee Member, re: Request for an Update from Staff on Care for Trees Planted in 2021
- 8.2. Discussion Item at the request of Rajbalinder Ghatoura, Co-Chair, Environment Advisory Committee, re: Request for an Update from Staff on the Corporate Waste Diversion Strategy (RM 67/2020)
- 8.3. Discussion Item at the request of Rajbalinder Ghatoura and David Laing, Co-Chairs, Environment Advisory Committee, re: Re-cap of the Environment Advisory Committee's Achievements in the 2018-2022 Term of Council

**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: *To be determined*



## Minutes

### Environment Advisory Committee The Corporation of the City of Brampton

**Tuesday, June 14, 2022**

**Members Present:**

Rajbalinder Ghatoura (Co-Chair)  
Harripaul Bridgemohan  
Akeem Gardner  
Jafir Jaferi  
Charry Rakhara  
Stacey Wilson

**Members Absent:**

David Laing, Co-Chair (regrets)  
Alexandra Belen  
Tamsen Metcalfe  
Davika Misir (regrets)  
Sherry-Ann Ram  
City Councillor D. Whillans - Wards 2 and 6 (other municipal business)

**Staff Present:**

Michael Hoy, Supervisor, Environmental Planning, Public Works and Engineering  
Stavroula Kassaris, Environmental Planner, Public Works and Engineering  
Kristina Dokoska, Policy Planner, Environment, Public Works and Engineering  
Zoe Milligan, Environmental Project Specialist, Pubic Works and Engineering  
Nelson Cadete, Project Manager, Active Transportation, Planning, Building and Economic Development  
Sonya Pacheco, Legislative Coordinator, City Clerk's Office

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1. **Call to Order**

The meeting was called to order at 6:16 p.m. and adjourned at 8:27 p.m.

2. **Approval of Agenda**

The following motion was considered.

**EAC016-2022**

That the agenda for the Environment Advisory Committee Meeting of June 14, 2022 be approved as published and circulated.

Carried

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

Nil

4. **Previous Minutes**

4.1 Minutes - Environment Advisory Committee - April 5, 2022

The minutes were considered by Committee of Council on April 13, 2022, and were approved by Council on April 20, 2022. The minutes were provided for Committee's information.

5. **Presentations\Delegations**

5.1 Delegations re: Huttonville Forest

1. Julie Harlow, Brampton resident on behalf of Save Huttonville Forest

2. Dr. Tushar Mehta, Brampton resident

Julie Harlow and Dr. Tushar Mehta, Brampton residents, provided presentations to Committee, which included information regarding the impact of development on agricultural land, the environment and specifically, Huttonville Forest.

Committee discussion on this matter included the following:

- Impact of the loss of Huttonville Forest on the environment and the adjacent community

- Information from staff regarding the development planning approval process through the Planning and Development Committee, including environmental studies and the role of conservation authorities
- Concerns regarding the decision-making process
- Indication that the subject development has been approved by Council
- Clarification regarding tableland tree removal compensation

The following motion was considered.

#### **EAC017-2022**

That the following delegations re: **Huttonville Forest**, to the Environment Advisory Committee Meeting of June 14, 2022, be received:

1. Julie Harlow, Brampton resident on behalf of Save Huttonville Forest;
2. Dr. Tushar Mehta, Brampton resident.

Carried

#### 5.2 Delegations re: Urgency of Climate Breakdown - Transitioning 50% of City Food Purchases to Plant-Based

1. Diane Smele, Member, and Dr. David Steele, President, Earthsave Canada
2. Mo (Marian) Markham, and Dr. Tushar Metha, Members, Plant-Based Cities Movement
3. Shailly Prajapati, Brampton resident

Diane Smele, Member, and Dr. David Steele, President, Earthsave Canada, provided a presentation titled "Earthsave Canada".

Mo (Marian) Markham, and Dr. Tushar Metha, Members, Plant-Based Cities Movement, provided a presentation titled "Plant-based Cities Movement".

Shailly Prajapati, Brampton resident, provided a presentation titled "Healthy Diet and Sustainable Economy".

The presentations included information regarding climate change, the impact of animal-based foods on the environment, worldwide shifts to more plant-based foods, and the environmental and health benefits of consuming more plant-based, and less animal-based, foods. The delegations requested that the City of Brampton shift 50 per cent of its animal-based food purchases to plant-based purchases by the end of 2022.

Committee discussion on this matter included the following:

- Exploring options to provide more plant-based food options at City facilities and events
- Indication that this matter has not been considered in the City's climate action plans
- Impact of food on the climate crisis and the benefits of shifting to more plant-based foods

The following motion was considered.

#### **EAC018-2022**

1. That the delegations re: **Urgency of Climate Breakdown - Transitioning 50% of City Food Purchases to Plant-Based**, to the Environment Advisory Committee Meeting of June 14, 2022, be **referred** to a future meeting of the Committee of Council; and
  1. Diane Smele, Member, and Dr. David Steele, President, Earthsave Canada;
  2. Mo (Marian) Markham, and Dr. Tushar Metha, Members, Plant-Based Cities Movement;
  3. Shailly Prajapati, Brampton resident; and
2. That, it is the position of the Environment Advisory Committee that, the City of Brampton evaluate their current food product sourcing and that Council consider a substantial shift towards adopting more plant-based options in City facilities and during events, in alignment with reducing climate impacts.

Carried

#### **5.3 Staff Presentation re: Grass and Weed Cutting By-law 166-2011 Update**

Zoe Milligan, Environmental Project Specialist, Public Works and Engineering, provided a presentation titled "Private Property Maintenance and Prohibited Plants By-law".

Committee discussion on this matter included the following:

- Review of the subject by-law with Enforcement and By-law Services staff to balance the City's goals with the ability to enforce
- The *Ontario Weed Control Act* noxious weeds list

- Identification of problematic plants and invasive plant species
- Promoting use of native plants
- Impact of invasive plants on neighbouring properties, and related enforcement practices
- Public awareness and education program regarding prohibited plants and the subject by-law

The following motion was considered.

#### **EAC019-2022**

1. That the staff presentation titled: **Grass and Weed Cutting By-law 166-2011 Update**, to the Environmental Advisory Committee Meeting of June 14, 2022, be received.
2. That staff be requested to educate the public through providing visual identification of plants on the City's website, and any other resources that may be available, to educate residents on plants of concern and common landscape plants that are problematic in the environment, and provide options for native alternatives.

Carried

#### 5.4 Staff Presentation re: Micromobility – Electric Scooter Pilot

Nelson Cadete, Project Manager - Active Transportation, Planning, Building and Economic Development, provided a presentation titled "Micromobility – Electric Scooter Pilot".

Committee discussion on this matter included the following:

- Regulations for the use of electric scooters (e-scooters)
- E-scooter parking management and enforcement (e-scooter parking/docking areas)
- Interest from Committee members to participate in an e-scooter demonstration
- E-scooter accessibility features

The following motion was considered.

## **EAC020-2022**

That the staff presentation titled: **Micromobility – Electric Scooter Pilot**, to the Environment Advisory Committee Meeting of June 14, 2022, be received.

Carried

## **6. Reports/Updates**

- 6.1 Verbal Update from Zoe Milligan, Environmental Project Specialist, Public Works and Engineering, re: Urban Forest Management Plan - Final Report

Item 8.1 was brought forward and dealt with at this time.

Zoe Milligan, Environmental Project Specialist, Public Works and Engineering, provided an update regarding the Urban Forest Management Plan (UFMP), noting that the plan has been finalized and will be presented to the Committee of Council at the June 22, 2022 meeting. Ms. Milligan encouraged Committee members to show their support for the plan.

The following motions were considered.

## **EAC021-2022**

That the verbal update from Zoe Milligan, Environmental Project Specialist, Public Works and Engineering, re: **Urban Forest Management Plan - Final Report**, to the Environment Advisory Committee Meeting of June 14, 2022, be received.

Carried

## **EAC022-2022**

Whereas the United Nations has declared 2021-2030 the “Decade of Ecosystem Restoration” to “Prevent, halt and reverse the degradation of ecosystems worldwide” and calls on everyone; including local governments to act to find viable solutions to mitigate global challenges such as increasing climate change impacts and catastrophic biodiversity losses;

Whereas the UNECE identified urban trees and forests as providing a unique opportunity for policymakers at local levels of government to contribute meaningfully to the goals for the Decade; prompting over 50 mayors, at the inaugural Forum of Mayors in October 2020 to endorse a Declaration which places trees and forests at the heart of the urban agenda for next decade by pledging to adopt policy and take action through the “Trees in Cities Challenge”;

Whereas the City of Brampton 2040 Vision calls for the planting of one million trees by 2040 to grow the urban forest, mitigate and adapt to climate change, and foster the delivery of ecosystem services;

Whereas in February 2020, the City of Brampton Council approved the Brampton One Million Trees Program as a framework for the City and its partners to increase tree planting initiatives and realize the target of one million trees by 2040;

Whereas the Report to Committee of Council, dated November 20, 2019 stipulates that the One Million Trees Program is focused on getting new trees in the ground, and does not look at tree preservation and upkeep; and further that, directions pertaining to the inventorying, operations, maintenance, and monitoring of the urban forest will be addressed in the City's Urban Forest Management Plan;

Whereas it is acknowledged in the Report to Committee of Council dated November 20, 2019 that the City's current canopy is just 18% of total land cover and that the existing canopy is under further threat due to invasive species, extreme weather events and drought;

Whereas it is widely acknowledged that in order to benefit from the ecosystems service a healthy urban forest can provide, trees must live to their potential. Further that in order for trees to survive and thrive, thus contributing to a healthy urban forest, cities must invest resources in planning, monitoring and maintenance;

Therefore Be It Resolved that, it is the position of the Environment Advisory Committee that Brampton City Council adopt and support the Urban Forest Management Plan in principle and practice, including the resources to adequately operationalize the plan.

Carried

6.2 Verbal Update from Kristina Dokoska, Policy Planner - Environment, Public Works and Engineering, re: Earth Day and Grow Green Awards Recap

Kristina Dokoska, Policy Planner - Environment, Public Works and Engineering, provided an overview of the Earth Day and Grow Green Awards event.

The following motion was considered.

## **EAC023-2022**

That the Verbal Update from Kristina Dokoska, Policy Planner - Environment, Public Works and Engineering, re: **Earth Day and Grow Green Awards Recap**, to the Environment Advisory Committee Meeting of June 14, 2022, be received.

Carried

- 6.3 Verbal Update from Michael Hoy, Supervisor, Environmental Planning, Public Works and Engineering, re: Centre for Community Energy Transformation (CCET) Update

Michael Hoy, Supervisor, Environmental Planning, Public Works and Engineering, provided an update on the recruitment of board members for the Centre for Community Energy Transformation (CCET), and advised that on May 6, 2022 the CCET became a non-profit organization.

The following motion was considered.

## **EAC024-2022**

That the Verbal Update from Michael Hoy, Supervisor, Environmental Planning, Public Works and Engineering, re: **Centre for Community Energy Transformation (CCET) Update**, to the Environment Advisory Committee Meeting of June 14, 2022, be received.

Carried

## **7. Sub-Committees**

## **8. Other New/Business**

- 8.1 Proposed Motion from Stacey Wilson, Committee Member, re: Urban Forest Management Plan

**Dealt with under Item 6.1 - Recommendation EAC022-2022**

## **9. Correspondence**

Nil

10. **Question Period**

Nil

11. **Public Question Period**

Nil

12. **Adjournment**

The following motion was considered.

**EAC025-2022**

That the Environment Advisory Committee do now adjourn to meet again on Tuesday, August 9, 2022 at 6:00 p.m. or at the call of the Chair.

Carried

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Rajbalinder Ghatoura – Co-Chair

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David Laing – Co-Chair

**Date:** 2022-08-09

**Subject:** Bird Friendly City Application

**Contact:** Jennifer Khuu, Environmental Planning Student, Public Works and Engineering

**Report Number:** Public Works & Engineering-2022-795

**Recommendations:**

1. That the presentation from Jennifer Khuu, Environmental Planning Student, Public Works and Engineering, to the Environment Advisory Committee of August 9, 2022 re: Pursuing Bird Friendly City Status for the City of Brampton be received;
2. That the Environment Advisory Committee endorse the City of Brampton pursuing the Bird Friendly Status with Nature Canada, and recommend that Council direct City staff to submit the Bird Friendly City application to designate Brampton as a Bird City.

# Bird Friendly City Application



# What is a Bird Friendly City?

Cities that have “met or exceeded a minimum standard with regard to reducing threats to birds in their municipality, protecting and restoring natural habitat and increasing climate resiliency; and actively engaging their community in these actions through education and outreach.”

Nature Canada has been actively working in 2022 on this project with a number of municipalities in Ontario to reach a target of 30 Bird Friendly Cities by World Migratory Bird Day (October 8th).



# Characteristics

OF A BIRD-FRIENDLY CITY



- Key threats to birds are effectively mitigated
- Nature is restored so that native bird populations can thrive
- Residents are actively engaged in admiring and monitoring local bird populations
- Organizations are creating events to protect birds
- Progressive municipal policies are created to protect urban bird populations
- A Bird Team has been created to oversee and lead these initiatives

# Certification Levels

The certification level awarded to the cities responds to the lowest level attained in the three categories of the Bird Friendly City Criteria.

For example, if a city scores “High” level in 2 of the 3 categories but “Entry” level in the third, the final level of certification that said city would attain would be “Entry”.

**Entry** 

50% of the points awarded within each category

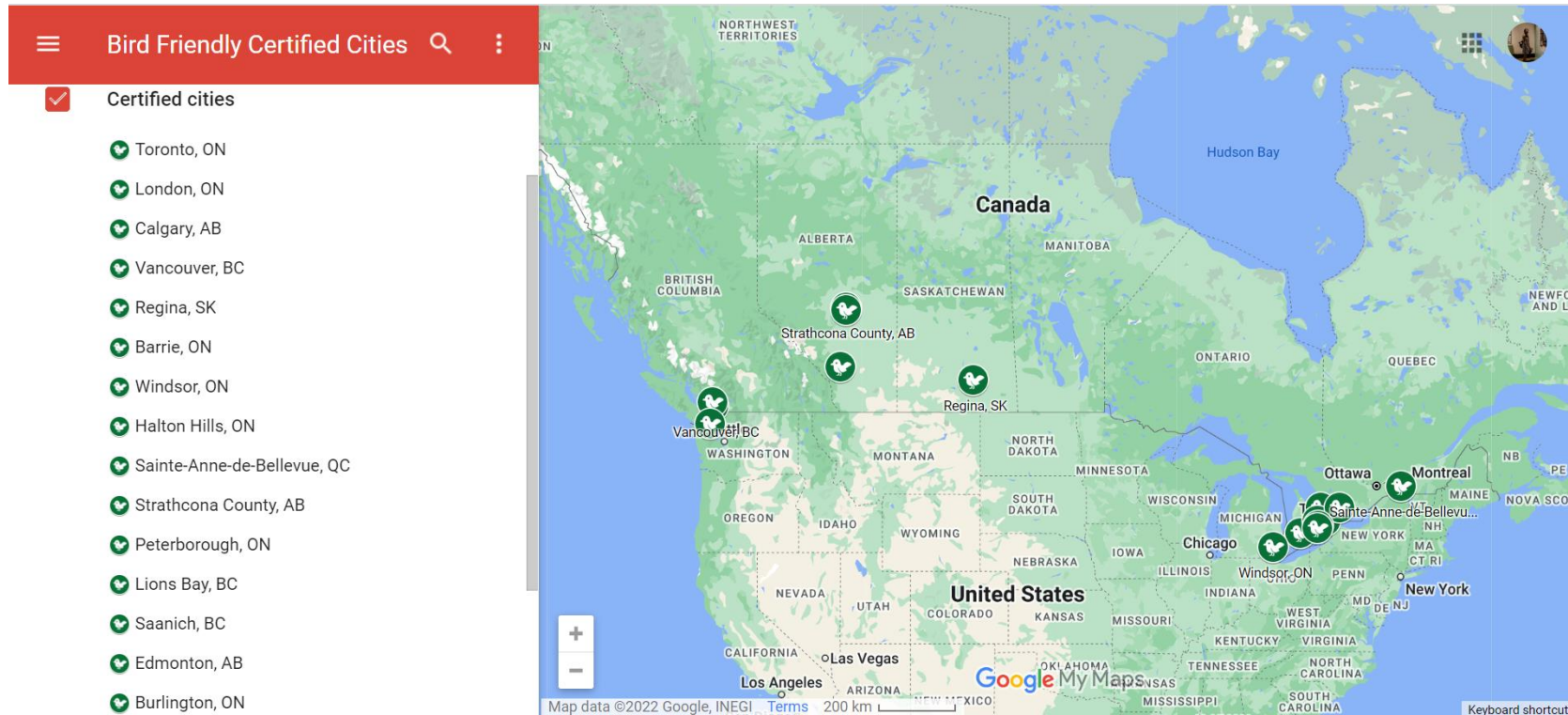
**Intermediate** 

65% to 80% of points awarded in each category

**High** 

Over 80% of points awarded in each category

# Other Certified Cities



- [Peterborough](#) (Entry) - 04/11/22
- [Barrie](#) (Entry) - 06/14/22
- [Toronto](#) (High) - 05/08/21
- [Halton Hills](#) (Entry) - 04/26/22
- [Burlington](#) (Intermediate) - 02/28/22
- [Hamilton](#) (Entry) - 02/26/22

# What are the Benefits?



01. Access to network of other Bird Friendly cities.
02. Ecotourism - people spend money on birds. Certified bird cities could use their status to attract visitors and promote bird-based ecotourism.
03. Certification provides a rigorous standard to measure impact and progress of your work, while providing flexibility. The program design allows cities to choose what issues they want to work on and provides a pathway to do more to help birds.
04. Advantages for your city, including access to feather friendly products and discounts, potential access to small grants, potential to infuse biodiversity considerations into green infrastructure projects, and tools to address key issues.

# Certification Process

01

## QUESTIONNAIRE

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Complete the questionnaire found on the Nature Canada website

02

## PHONE MEETING

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Meet with a Nature Canada Bird Team representative to discuss questionnaire results and interest in certification

03

## ATTEND A WEBINAR

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If it is determined that there is strong potential for certification, applicants will attend a Bird Friendly City webinar (1 hr)

04

## APPLICATION

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Complete the application from the Nature Canada website, including providing supporting evidence and information

05

## REVIEW

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Nature Canada staff reviews the application and informs applicants of the decision made

06

## CERTIFICATE & PRESS RELEASE

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Announce your new status and provide a one-paragraph description for the Bird Friendly City website

# Application Questions

## Section 1

### Reducing Human-Related Threats to Birds

- Cats roaming at large
- Bird collisions with windows and/or vehicles
- Light pollution
- Pesticide use
- Plastic pollution
- Disturbance of birds at natural areas or important bird habitat

## Section 2

### Habitat Protection, Restoration, and Climate Resiliency

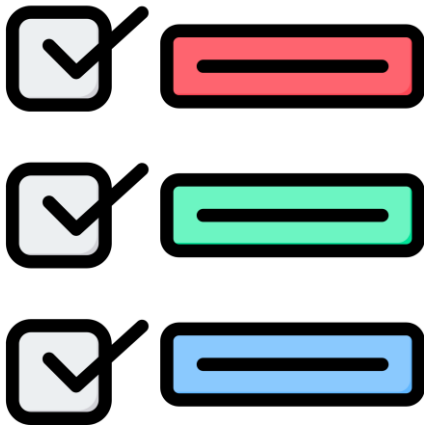
- Protected areas policy
- Biodiversity strategy
- Climate change strategy and policies
- Ecological approach to managing trees and forests
- Policies promoting native species

## Section 3

### Community Education/Outreach

- Publicly visible information and infrastructure that supports birds
- Organizations providing youth with bird education
- Businesses that have bird-friendly practices and products
- Active citizen science programs for birds in the community
- Public resources to promote individual practices that help birds

# Mandatory Criteria



01. Hold and officially proclaim a Migratory Bird Day event **annually**. Migratory Bird Day is observed annually on the second Saturday in May.
02. Pass a council resolution nominating/supporting your municipality's efforts to be a Bird Friendly City or a letter of support from a high-ranking city official (e.g., Mayor, CEO).
03. Establish a Bird City Team (standing committee) to drive the project forward that has a liaison with the municipality.
04. Provide evidence you have determined in which indigenous traditional territory(ies) your municipality occurs and that you are encouraging the participation and perspective of the local Indigenous community in the initiative.

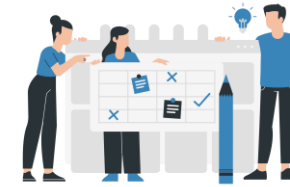
- Provide Annual Report Card (activities related to Bird Friendly City status) by **February 1st**
- Need to complete a renewal application **every two years** to maintain “Active” status
- Applications can be submitted during any time of the year
- No cost to apply
- If not eligible for any Bird Friendly levels, Nature Canada will discuss strategies on steps that can be taken to attain certification

# Other Notes

# Potential Role for BEAC



Assist in completing certification process, including setting up a Bird City Team



Promote Bird Friendly status and oversee the planning and execution of the annual Migratory Bird Day Event in May



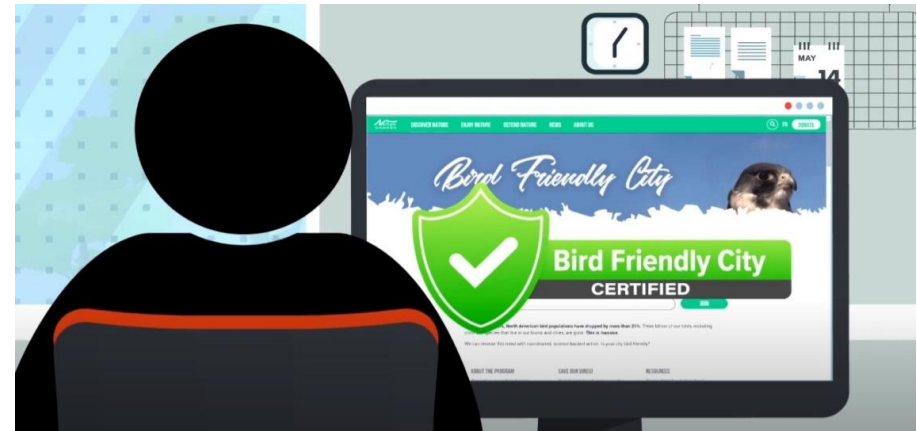
Assist in the creation of the annual Report Card that tracks Bird Friendly City related activities



Assist in completing the renewal application every two years to maintain Bird Friendly City status

- Gauge interest. Is this something BEAC is interested and has the capacity to take on?
- Will achieving Bird Friendly City status benefit the City of Brampton? What Certification Level do we want to achieve?
- Are there any major concerns?
- Create a rough timeline
- More information can be found at: [naturecanada.ca/bfc](https://naturecanada.ca/bfc)

# Next Steps



# Draft Resolution

1. That the presentation from Jennifer Khuu, Environmental Planning Student, Public Works and Engineering, to the Environment Advisory Committee of August 9th, 2022 re: Pursuing Bird Friendly City status for the City of Brampton be received;
2. That the Environment Advisory Committee endorse the City of Brampton pursuing the Bird Friendly Status with Nature Canada, and recommend that Council direct City staff to submit the Bird Friendly City application to designate Brampton as a Bird City.

# Thank you!



**Date:** 2022-08-09

**Subject:** **Climate Change Adaptation Plan**

**Contact:** **Kristina Dokoska, Environmental Planner, Public Works & Engineering**

**Report Number:** Public Works & Engineering-2022-796

**Recommendations:**

1. That the presentation from Kristina Dokoska, Environmental Planner, Public Works & Engineering, to the Environment Advisory Committee of August 9, 2022 re: Climate Change Adaptation Plan be received.

# Brampton's Climate Change Adaptation Plan

## BEAC Presentation

# Note on Terminology

## ***Climate Mitigation***

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

### Examples

- Near-net zero communities
- District Energy
- Electric Vehicles

## ***Climate Adaptation***

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

### Examples

- Vulnerability and risk assessments
- Green infrastructure
- Climate change and asset mgmt.

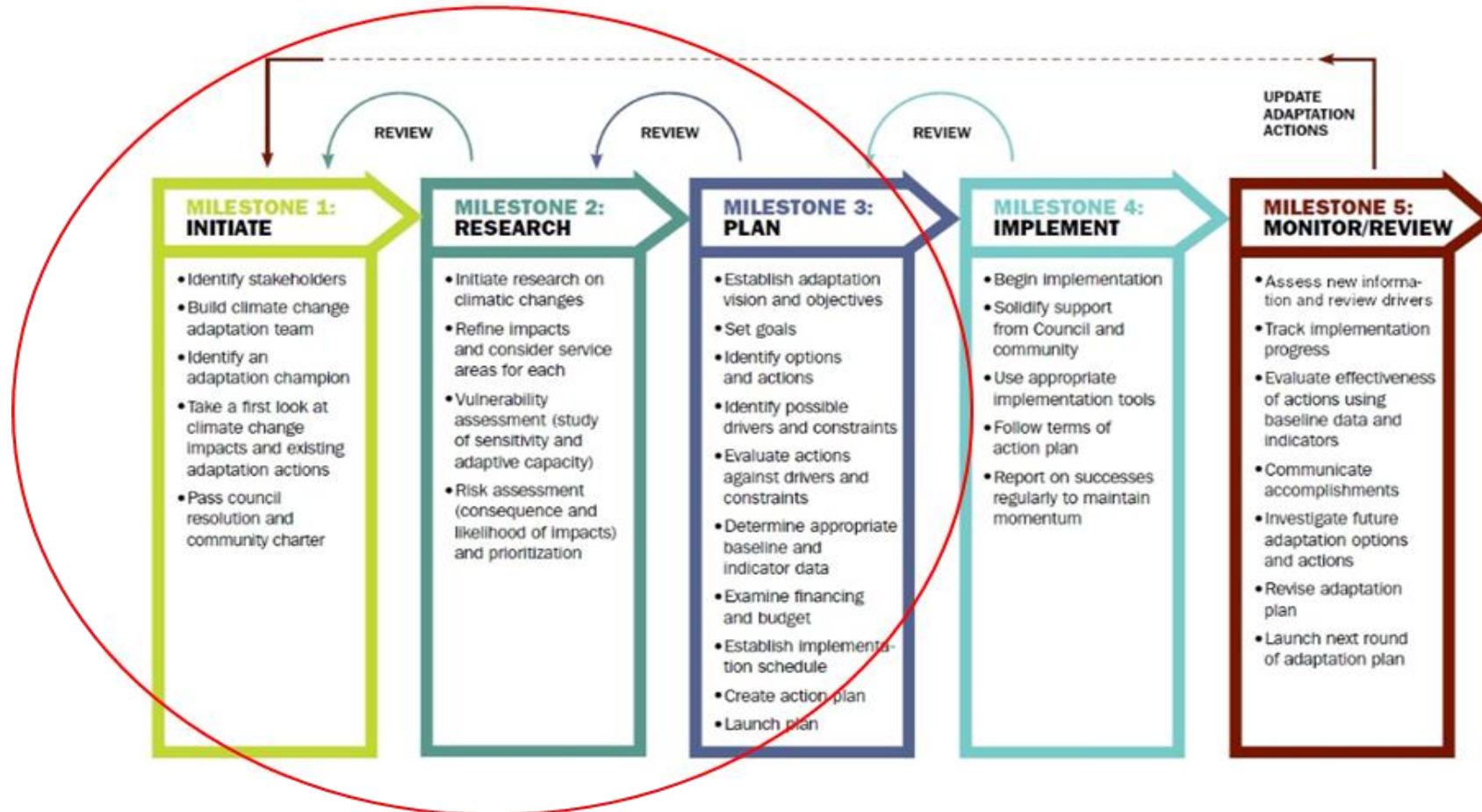
# Why a Climate Change Adaption Plan?

- A 5-year Adaptation Plan to make Brampton a more climate resilient city
- Provide an informed and coordinated approach to climate change adaptation planning
- Improve the knowledge base, and better define and communicate risks and opportunities
- Identified as an action in the Brampton Grow Green EMP; also a Term of Council priority
- Requirement of our membership to the Global Covenant of Mayors for Climate and Energy

Climate change is the greatest threat of the 21st century, but tackling climate change can also be the greatest opportunity for shaping a better and fairer future.

# Using the ICLEI BARC Framework

## THE MILESTONES



# Incorporating the 3 Pillars of Sustainability



## **Economy.**

- ✓ Insurance
- ✓ Property Damage
- ✓ Buildings
- ✓ Infrastructure
- ✓ Maintenance & Ops
- ✓ Transportation
- ✓ Finance
- ✓ Energy



## **Environment.**

- ✓ Natural heritage
- ✓ Urban forest
- ✓ Invasive species
- ✓ Flooding
- ✓ Stormwater management
- ✓ Water quality



## **Equity.**

- ✓ Health & wellbeing
- ✓ Vulnerable communities
- ✓ Land use planning
- ✓ Emergency preparedness
- ✓ Education & engagement
- ✓ Food resilience

# CCAP Components



1. Engagement Strategy



2. Background Research & Analysis



3. Risk Assessment



4. Vulnerability Assessment



5. Framework Development

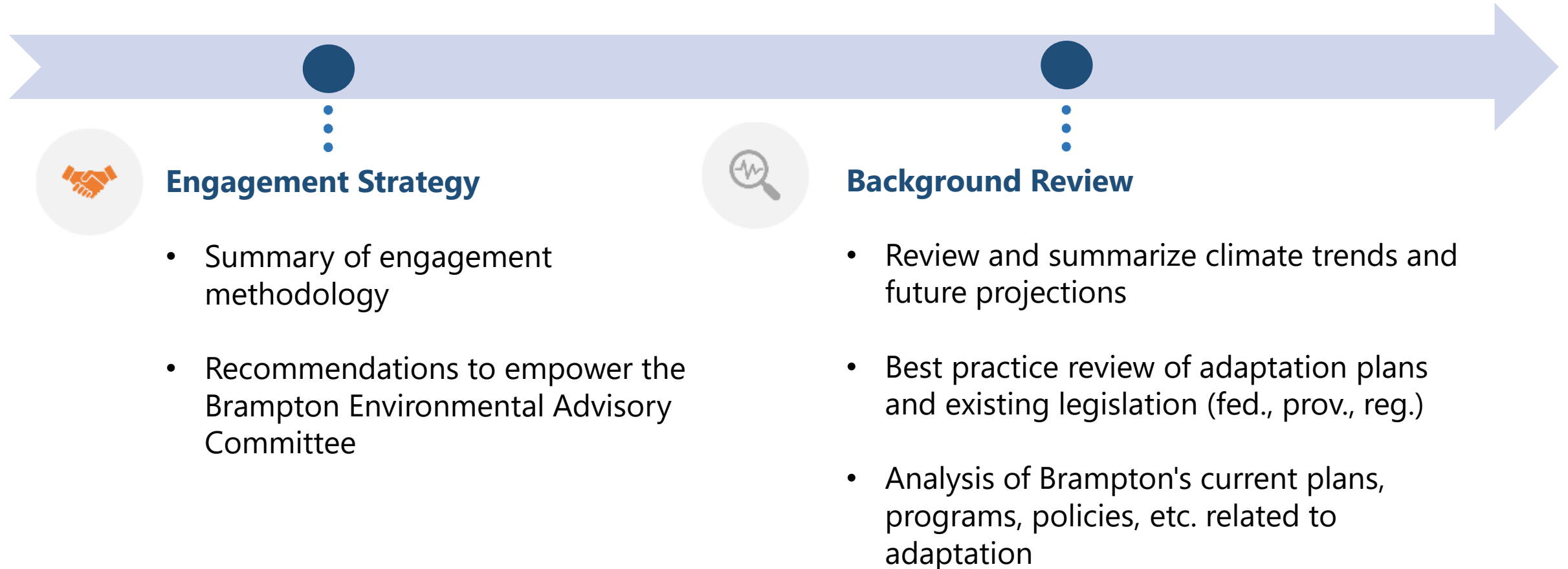


6. Adaptation Plan Development

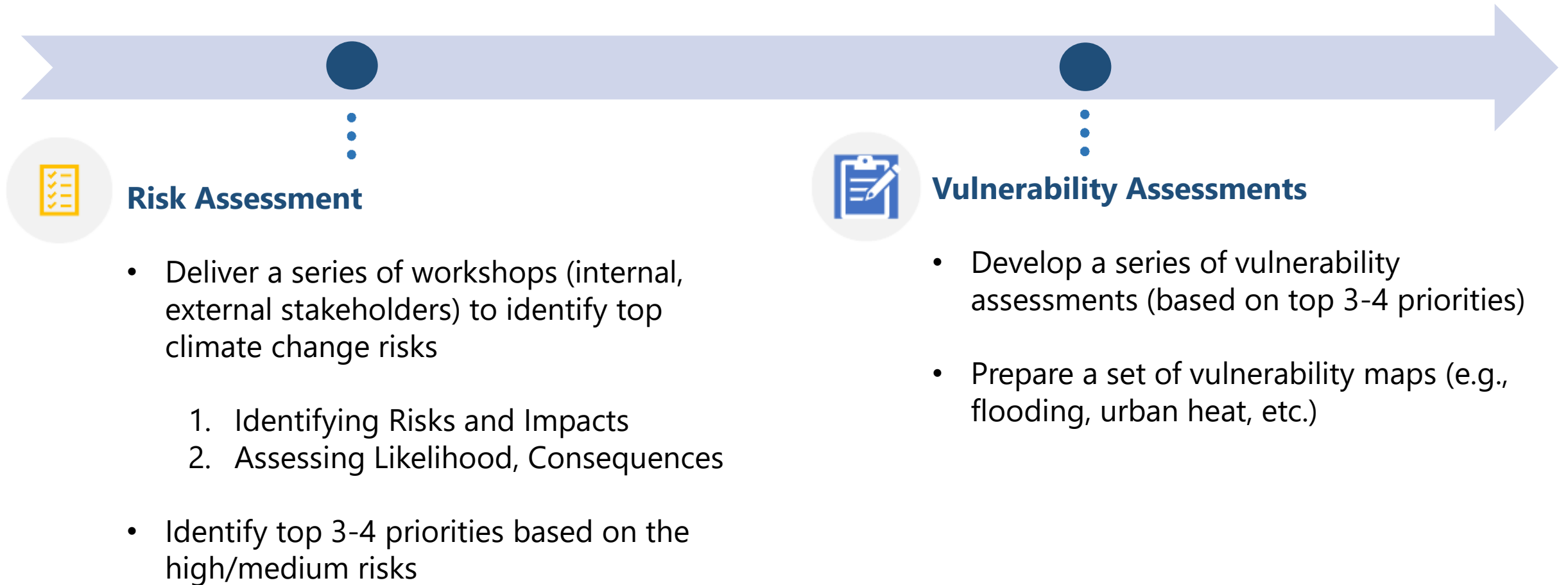


7. Final Reports and Presentations

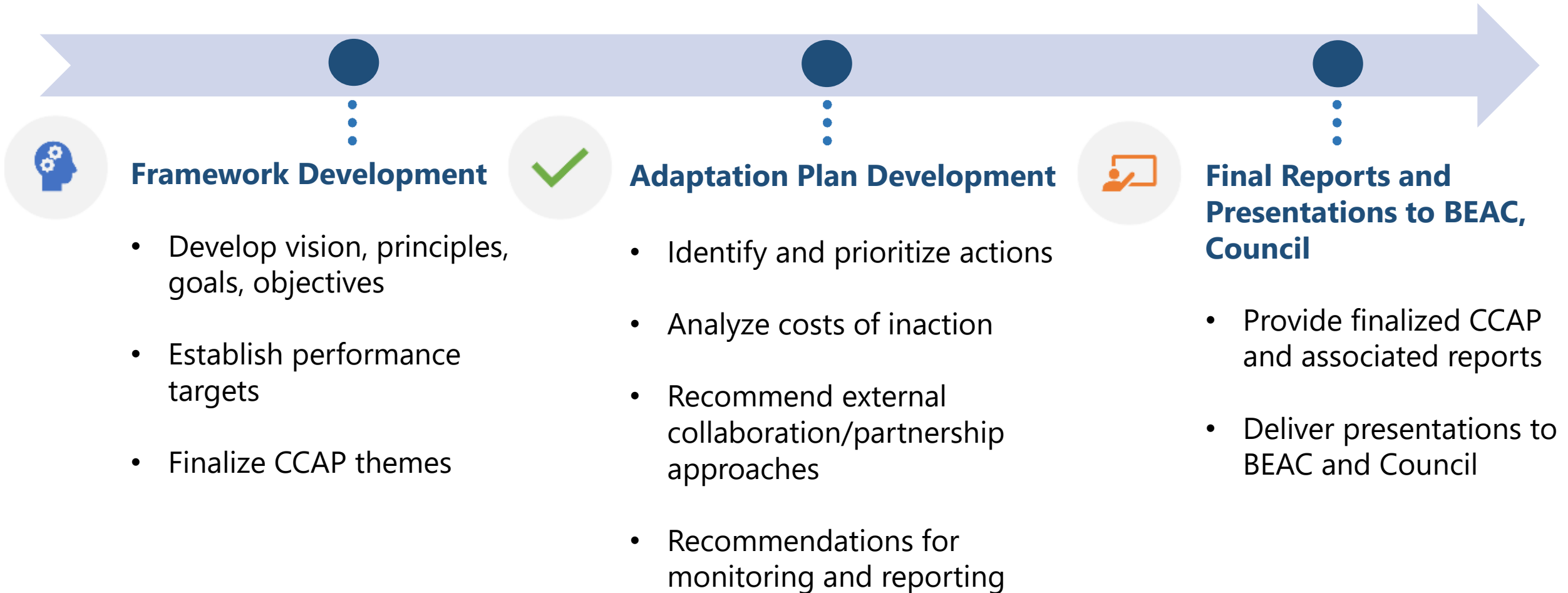
# CCAP Components



# CCAP Components



# CCAP Components



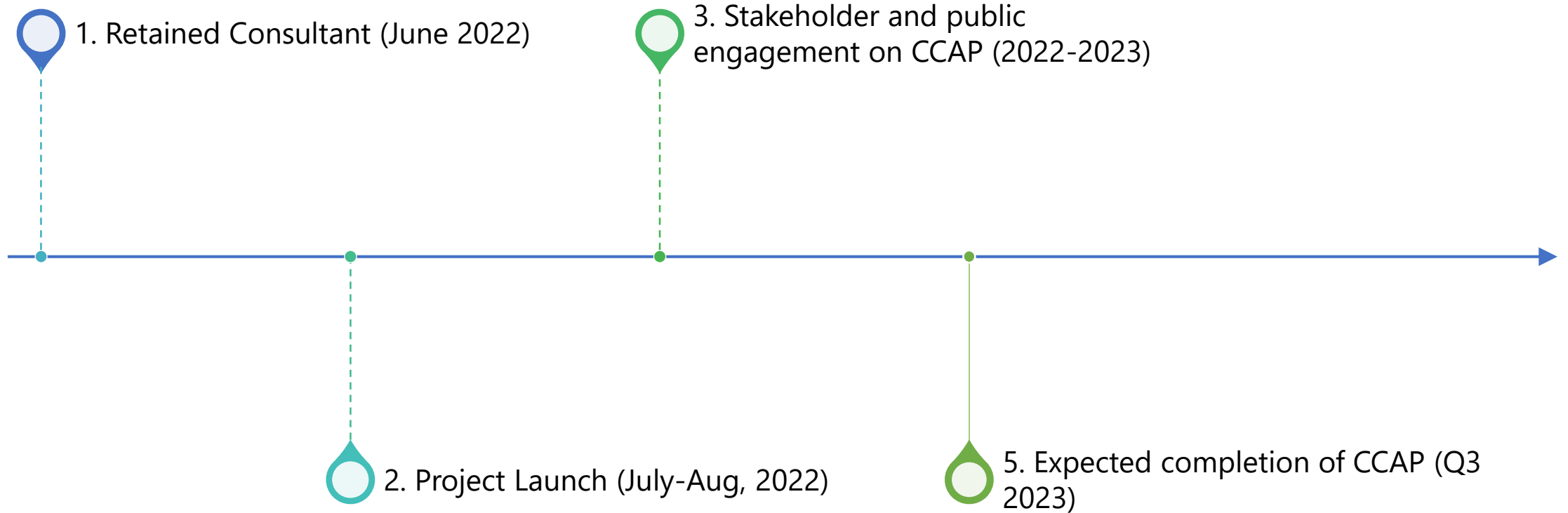
# How will Climate Change Impact Brampton?

- Increase in heat-related illnesses especially for seniors, young children, people with pre-existing conditions, and people who spend long hours outdoors
- An increased risk in flooding and erosion due to extreme weather, causing damage to properties and infrastructure
- More power outages as electricity grids become overwhelmed due to increasing use of air conditioning
- A greater risk of vector-borne diseases such as West Nile Virus and Lyme Disease
- A loss in traditional outdoor winter activities such as hockey, skiing, snowboarding, etc.

# Role of BEAC in the CCAP

- ✓ Participate in workshops and engagement activities (e.g., risk/vulnerability workshops, adaptation actions, etc.)
- ✓ Champion the Adaptation Plan in your communities and within Brampton

# Timeline



A photograph of a flooded playground. In the background, there are bare trees and a playground structure with a green slide and orange frame. The foreground is filled with floodwater and ice chunks. A sign on the right reads "Unauthorized Motor Vehicles By Law 161 83". A dark blue rectangular box with the text "Thank You!" is centered over the image.

# Thank You!