

Pursuing the Bee City Designation

Presented to:
Environment Advisory Committee
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BRAMPTON
Flower City



What is a Bee City?

A city that has made a commitment to promoting healthy, sustainable habitat for pollinators to thrive by supporting collaboration and initiatives that benefits both pollinators and city residents.



Image Source: Bee City Canada

Pollinator Importance

- Pollinators play a critical role in maintaining native plant communities and ensuring that flowering plants produce seeds
- Between 75-95% of all flowering plants require pollination
- These pollinators play a significant role in crop production
- Estimated that the commercial value of crop pollinators in Canada is roughly \$2 billion annually



Dog Bane Beetle



Red Admiral Butterfly



Common Eastern Bumblebee



Hoverfly

About Bee City Canada



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Bee Cities



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Bee Partners



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Bee Schools



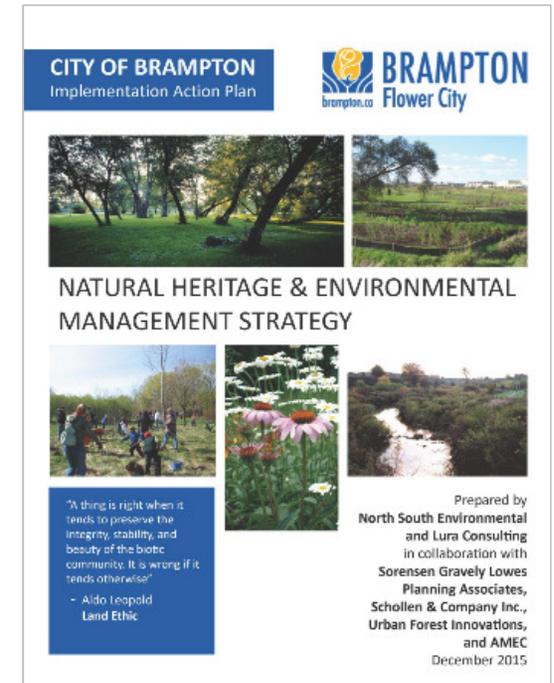
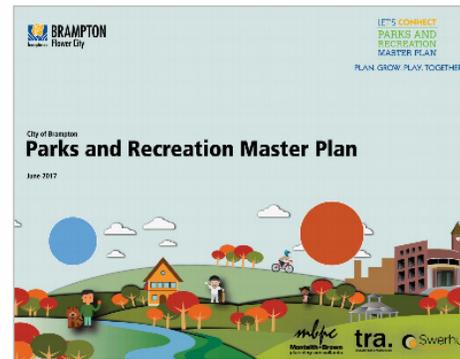
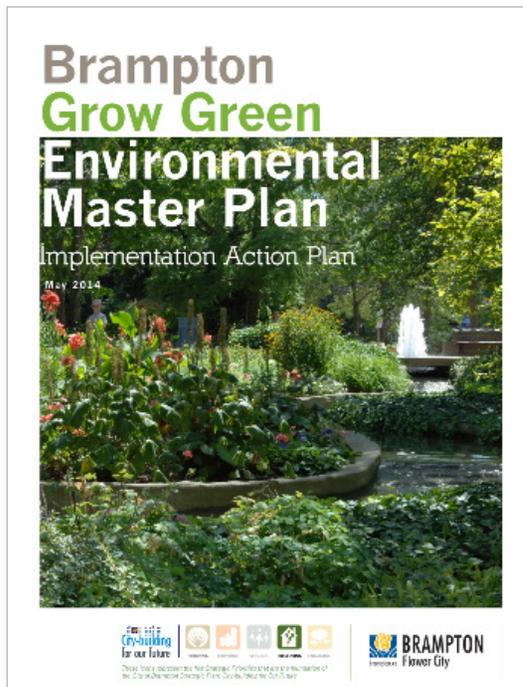
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Bee Campuses

- Bee City Canada is a federally recognized charitable organization
- Goal to educate Canadians about importance of pollinators and inspire action to protect pollinator habitat
- Currently 30 Bee Cities in Ontario including Toronto, Mississauga, Richmond Hill, Hamilton, Waterloo, and Barrie
- The Friends and Stewards of Dorchester Park are the only known Bee Partners in Brampton

What is Brampton already doing to support pollinators?

Strategic Framework



What is Brampton already doing to support pollinators?

Community Outreach and Education

Parks Environmental Stewardship Program

For students in Kindergarten through Grade 8 including in classroom lessons and activities related to pollinators

Natural Heritage Brochure Series

Build awareness on natural heritage features, the services they provide, and what actions people can take to responsibly enjoy and conserve them

SNAPS (Fletcher's Creek, County Court)

Fletcher's Creek SNAP included development of a rain garden at Glendale P.S. that provides habitat for pollinators

County Court SNAP included creation of demonstration garden that incorporates flowering plants that support pollinators



Community Programs and Events

Seedy Saturday Garden Show

Provides attendees opportunity to hear from experts, get gardening information, swap and buy seeds, join gardening programs, and engage with fellow gardening enthusiasts

Community Garden Program

Allows a group of community members to join together to manage and maintain an identified plot of land for the purpose of growing fresh produce and plants

Backyard Garden Program

Offers residents with soil and seeds to grow produce and herbs, attracting pollinators and improving food security

Community Stewardship Program

Establishes pollinator gardens in partnership with local schools (David Suzuki Secondary School)





Stephen Llewellyn Valley



City Strategies, Programs and Guidelines

Naturalization program

Restores native plant communities in valleys that were stripped of native vegetation by past agricultural practices and development

Don't Mow, Let it Grow

Strategically converts areas of public space from turf grass into naturalized meadows and pollinator gardens

One Million Trees Program

Encourages the use of flowering tree species and fruit trees in public spaces to enhance and promote Brampton's image as the Flower City and facilitate urban agriculture

JJJ Parks Revitalization (Eco Park Strategy)

Will include native flower shrub plantings, channel naturalization and a community garden

Landscape Development Guidelines

Direct landscape plans for new developments in Brampton, encouraging the planting of flowering trees/ shrubs and flowering bulbs

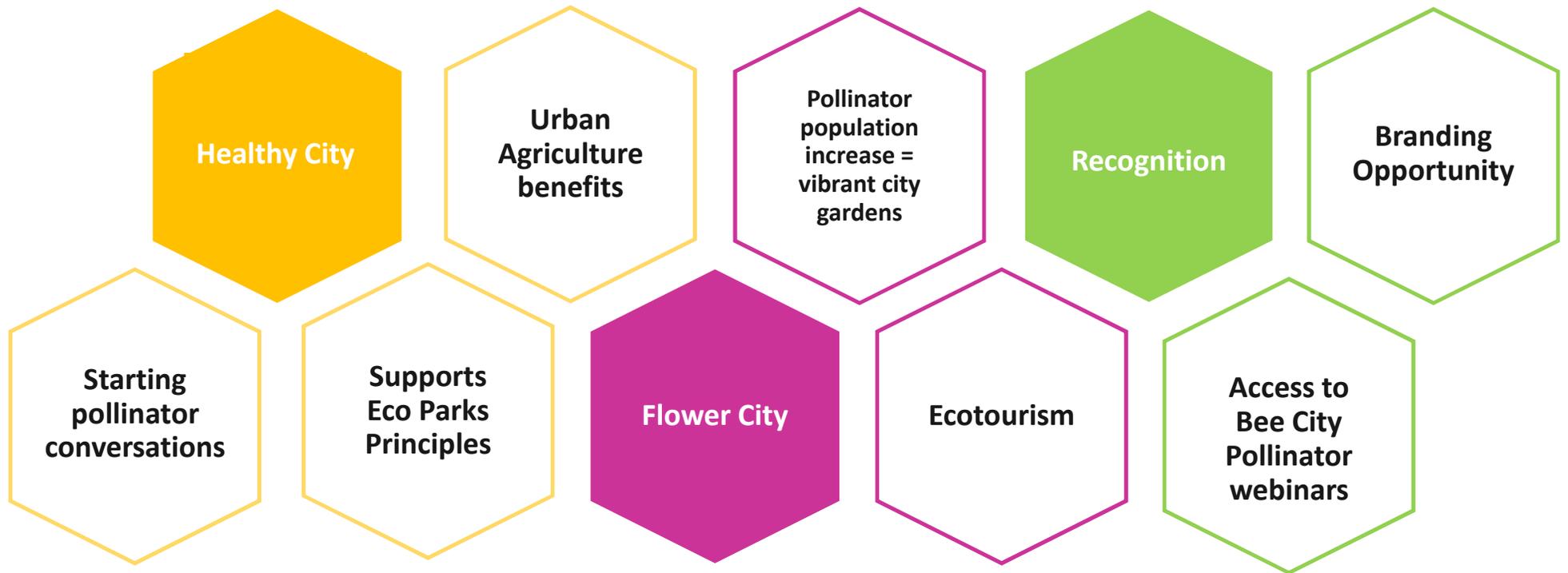
Sustainable Community Development Guidelines

Supports pollinators through guidelines for urban agriculture and recognition of the importance of community gardens

Why should Brampton become a Bee City?

1. To **promote healthy, sustainable habitat** for pollinators to thrive in Brampton
2. To **foster environmental awareness** and increase interactions and engagement among community stewards for pollinators and pollinator habitat
3. To **set an example** and to **encourage** residents and businesses to recognize the importance of biodiversity and how pollinators are impacted by climate change
4. To **expand** the City's current efforts to provide pollinator habitat across Brampton.
5. Brampton is known as the "**Flower City**" of Canada due to its rich history in the floral industry. Committing to providing pollinator habitat ensures the succession of floral blooms in the city's 400+ roadside gardens

Benefits of Becoming a Bee City



Community Opportunities

Becoming a Bee City provides opportunities to further enhance pollinator habitat and our relationship with pollinators. Example include:

- Bee Hotels/Hives/ Butterflyway
- Bee City Art
- Citizen Science
- Interactive education
- Resident pollinator gardens recognition/award
- Pollinator Campaigns
- Pollinator gardens of Brampton map



Public art, Singapore



Bee classroom, PEI



Pollinator wall, Toronto



Urban Bee Hive, Calgary



Bee Hotel, Toronto



Lester B. Pearson Park
St. Catharines
A Bee-autiful City

A Bee city

JANASREDROOM

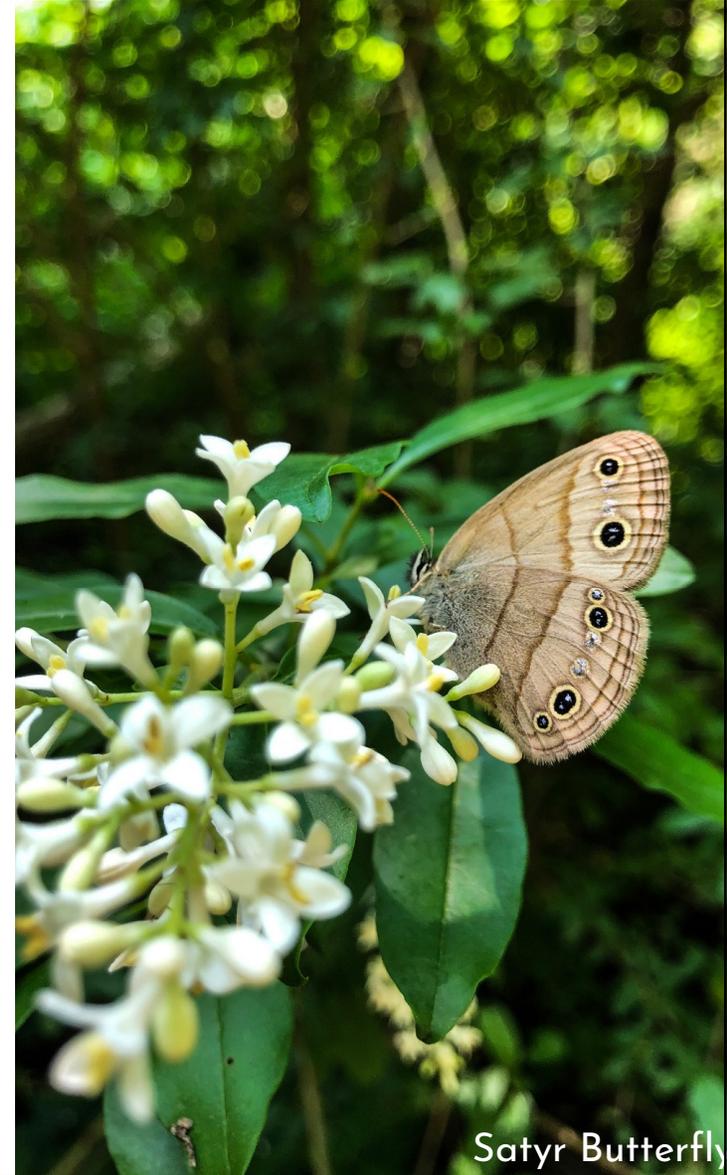
Bee City Designation Process



How to become Bee City Certified

Bee City Canada application requirements:

- a) Establish a Bee City Pollinator Team
- b) Resolution from Council
- c) Commitments:
 - Maintain and create healthy pollinator habitats
 - Educate the public about the importance of pollinators
 - Commitment to celebrate pollinators during National Pollinator Week (June)



A photograph of a lush, green field filled with tall grasses and various wildflowers, including yellow and black flowers. In the background, a residential neighborhood with several houses is visible under a clear sky. A semi-transparent yellow rectangular box is overlaid on the left side of the image, containing the text "Questions?".

Questions?