



Living Green
Barrie

Presentation to Barrie Active Transportation and
Sustainability Committee

September 24, 2019

Andee Pelan

About us: History



- Registered charity, formerly called Environmental Action Barrie (EAB)
- Living Green Barrie (EAB) has existed for almost 30 years
- Has created and participated in a variety of innovative environmental services and programs that have since taken on a life of their own:
 - Be Green Barrie- installed 10,000 low flow toilets, taps, showerheads
 - Recycling Depot – first to recycle plastics
 - Store selling green cleaning products in refillable containers
 - Off the Rack, Barrie Free Clothing Centre & Reskill Institute
 - Community Gardens
 - Spring into Clean

About us: Current



- Currently we are run by 2 part-time staff members guided by a 6-member Board of Directors



- We have 3 main project activities:
 1. GreenScreen
 2. FruitShare
 3. Community Tree Plantings

About us: Current

- GreenScreen -Acting as a source of environmental information and creating a local green community
- We also are very active on Social Media and put out quarterly newsletters to build our green community



LivingGreen Barrie



**Green
Screen
BARRIE**

Educate. Inspire. Connect.

Join Barrie's Green Community

---Showing environmental documentaries and hosting knowledgeable speakers to inform, educate, and engage Barrie and surrounding area residents---



About us: Current

- FruitShare
- Working closely with Urban Pantry and other social organizations we have installed Food Forests at Shear, Leacock and Sunnidale Park's
- Barrie Native Friendship Centre
- Barrie Community housing
- Various schools

LivingGreen
Barrie



Barrie is *Living Green* 
Community Events!

You are invited to come out and participate in green projects happening in Barrie!

While Living Green Barrie sends volunteers out on a fruit-picking blitz, come by and enjoy freshly pressed juice made on site by Urban Pantry. Bring your bicycle in for repairs to Firebird Community Cycle's pop-up shop! Firebird will also receive donations of unused bikes that their volunteers can refurbish for redistribution back into the community.



LivingGreen
Barrie

Brought to you by:

FIREBIRD
COMMUNITY CYCLE
D-I-Y BICYCLE RESURRECTION & RE-CYCLERY



About us: Current

- Spring and fall planting events
 - Well attended (100+ at every event)
 - Plant 300 – 600 trees in a few hours
 - Partnership with the LSRCA and City of Barrie Forestry Department

Next events:

- TD Planting – Sun Oct 6th
- Living Green Halloween Planting – Sat Oct 26th





About us: Strategic Plan

Strategic Planning Goals by 2025:

1. Plant 10,000 trees and develop a full tree planting program partnership with the City of Barrie
2. Educate and network by offering monthly events
3. Become Barrie's resource for environmental information
4. Offer a "Green Your Business" program

Our Mission:

Guiding citizens, businesses and local leaders toward actions that foster sustainability and resilience in our community

Climate Change Adaptation Strategy

The City of Barrie will demonstrate leadership by taking progressive and innovative steps to achieve the vision of the Climate Change Adaptation Strategy.

HIGHLIGHTS:

- Planting more trees
- Increasing education and community involvement
- Enhancing greenspace
- Increasing partnerships



Climate Change Adaptation Strategy Implementation Plan, 2018



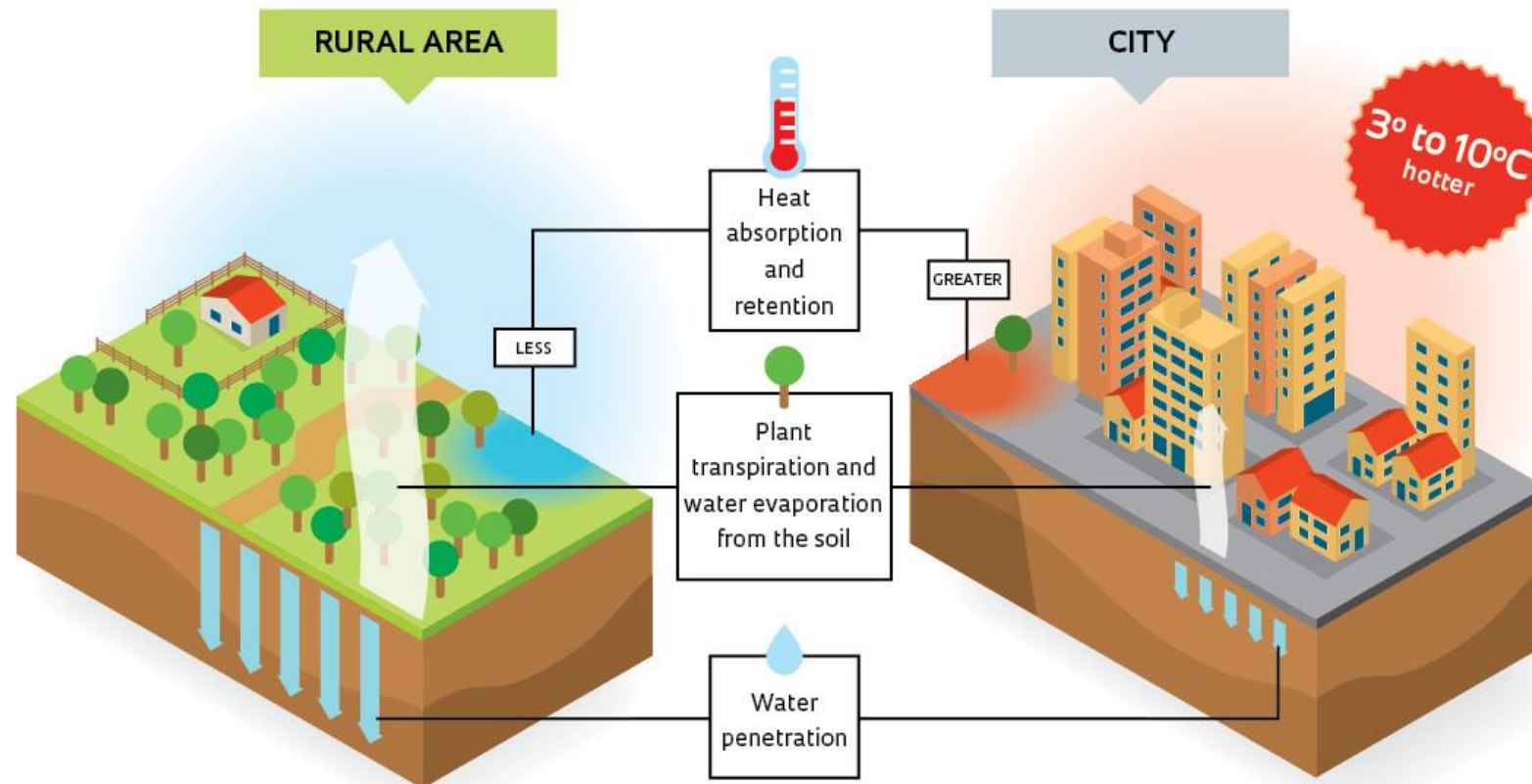
- ACTION 3.2 Increase natural/forested areas within sub-watersheds with high surcharge and flooding.
- ACTION 5.2 Develop incentives, standards, and permitting processes to enhance green space, green roofs, and tree canopy on private and public properties.
- ACTION 5.3 Develop an Urban Forest Management Plan with specific greening strategies for areas of the City where tree canopy/ greenspace is low.



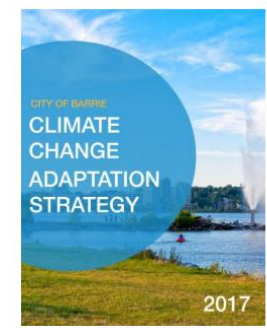
- ACTION 7.4 Encourage natural and constructed shade, cooling structures and spaces (e.g. recreational/sprinkler community water parks) on public and private property.



Why the urban heat island effect occurs



- ACTION 7.6 Create naturalized and edible landscapes on City land using existing resources.





city of barrie climate change adaptation strategy money



change adaptation refers to any action that seeks to reduce the **City's** vulnerability to local **climate change** impacts.



Climate Change Adaptation - City of Barrie

<https://www.barrie.ca> > Living > Environment > Conservation > Pages > Cli...

About Featured Snippets Feedback

Climate Change Adaptation - City of Barrie

<https://www.barrie.ca> > Living > Environment > Conservation > Pages > Cl... ▼

While **mitigation** efforts aim to reduce the long-term effects of **global warming**, **adaptation** measures are needed to minimize the impacts that a **changing climate** will have on our **City**.

Climate change adaptation refers to any action that seeks to reduce the **City's** vulnerability to local **climate change** impacts.

Missing: ~~money~~ | Must include: money

Missing from CCAS – growing mature trees



...Correct species for site, quality of stock, size of tree, Bare-root vs potted vs ball & burlap, Drought, Girdling, Rodent Guards, Pest management, Mulching, Fertilizer, Watering, Staking, Pruning, Soil type, Soil volume, compaction, contaminated soils, damage from string trimmers, roadsalt, etc. etc. etc....

Focus has to be on ROOTS, maintenance and growing mature trees

Living Green Climate Change Tree Planting Program - Quality Trees

4 Branches of this program (pun intended)

Living Green Climate Change Tree Planting Program

Public Land

Private Land

Community Tree
Planting events

Neighbourhood
Tree Stewards



Backyard Subsidized
Tree Planting

Corporate Greening
and Health

Public Land Community Tree Planting Events



- Hold 3 - 4 spring & fall events
- 1,500 – 2,000 trees/year
- Popular, family friendly and allows people to feel that they “are doing something to fight Climate Change”
- “Easy” to fund
- Require large tracts of EP lands with safe, good access.

-large number of trees planted in a single day

-excellent media interest and vehicle to raise awareness

\$ -no direct cost to city

- Trees funded through external grants (LSRCA, TDFEF, etc.)

Public Land Neighbourhood Tree Stewards



- 10 Small (10-60 trees) planting events /year
 - Located on small “unused pockets” of public lands throughout the city across different wards
 - Neighboring households are invited out by their councilors
 - Neighbors plant the trees and are given the educational tools to become the stewards of these trees.
 - Stewards take on the ongoing care of these trees (especially in the first few years when they need it most)
- trees have better chance to flourish if they are given follow up care
 - cost of post planting maintenance to the City decreased (watering, weed control, etc.)
 - Builds healthy, connected neighborhoods
-
- \$ - City pays for a percentage of administration
- external grants and fundraising

Private Land Backyard Tree Planting



- Based on LEAF model; offer homeowners subsidized native trees and arborist help for planting quality trees in their yards.
 - Participants receive follow up notification periodically about how to care for the trees (e.g. watering, mulching, pests, etc.)
 - Targeted campaigns to neighborhoods with lower % of tree canopy
- financial incentive for more trees to be planted across city (focus on household cooling)
 - trees purchased through conventional methods (retail) often don't result in quality, mature trees (wrong tree for site)
-

\$ -Cost share model:

1/3 Homeowner

1/3 LG (through fundraising activities)

1/3 City

Private Land Corporate Greening and Health



- Target key ICI sectors
Industrial/Commercial/Institutional
that have plant-able lands
 - Offer a Health & Wellness Program for
the employees that focusses on
getting them out into nature (for
health)
 - Provide a corporate tree planting
event on their properties with the
employees
 - Maintenance and incentive to retain
treed areas?
- Barrie has a large % of plant-able ICI
lands
 - Employees become educated about the
health benefits of being around trees.
 - Healthier staff = lower absentee rates
and employee happiness (retention)
-
- \$ -Cost share model:
- Cost to ICI employer for this service
 - External grants can be applied
- ***needs further development

Next steps:

- Identify potential grants
- Endorsement or recommendation to council from BATSC
- Staff support
- Development of funding model including ongoing maintenance
- Continuing fundraising campaign
- Roll out in 2020
- Other ideas?



**Let's Change
Ontario's Future**

TOGETHER

Let's fight Climate change like our lives depend on it, because they do. Trees clean the air and water and help us to be resilient to the effects of climate change.


This is NOT a time to CUT, this is a time to GROW.
Help Living Green grow our tree planting program.
10,000 TREES FOR BARRIE

Please consider donating today!

Tax receipts for donations over \$20 can be issued upon request

Thank you

WWW.LIVINGGREENBARRIE.COM/DONATE/P



Thank you

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