

CITY OF BARRIE

Climate Change Adaptation Strategy

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Why is Barrie Taking Action?



Dunlop at Kidds Creek, June 9, 2005



Flooding Lakeshore, June 24, 2014



High Winds, June, 2014



Ice Storm, March, 2016





Responding to climate change is a two-part approach



Climate Change Mitigation

- Barrie has taken several measures to become more sustainable:
 - Joining the Partners for Climate Protection in 2001
 - Green House Gas Inventory and Community Energy Plan (2006)
 - Energy Management Plan (2012-2017).
 - “Save Adam” Energy Awareness Program
 - Adoption of LEED silver as a standard for new buildings
 - Solar Panels on Operations Centre Roof, etc.
 - Electric Vehicle Charging Stations (Waterfront and Library)



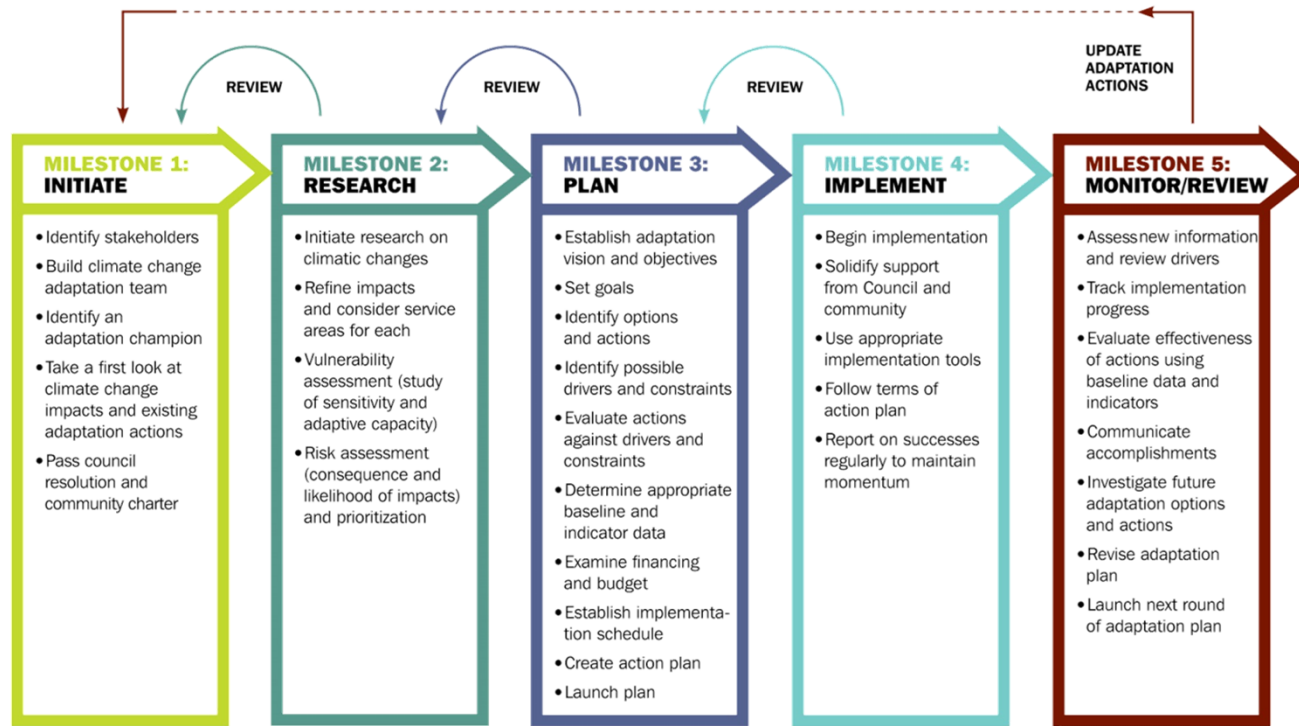
Climate Change Adaptation

- Framework for a Climate Change Strategy 2015
- Adaptation Planning began in June 2016
- Purpose: Reduce the risks climate change poses to Barrie's physical, economic, social, and ecological systems
- Developed through extensive consultation with municipal staff, community stakeholders/experts, and the general public



Building Adaptive and Resilient Communities

- National program for Canadian communities



VISION

Barrie will adapt to changing climate conditions and embrace new opportunities to remain a vibrant, healthy, and sustainable waterfront community.

MISSION

The City of Barrie will demonstrate leadership by taking progressive and innovative steps to achieve the vision of the Climate Change Adaptation Strategy. We have a responsibility to anticipate and prepare for potential impacts of climate change on our community. The City is committed to taking action in the face of uncertainty.



Goals

Cross Cutting Actions

Goal 1: Maintain Public Health and Safety

Goal 2: Minimize Risks to Buildings and Properties

Goal 3: Strengthen Infrastructure Resilience

Goal 4: Help Local Businesses and the Tourism Industry Adapt to Changing Conditions

Goal 5: Protect Biodiversity and Enhance Ecosystem Functions

Goal 6: Minimize Disruption to Community Services

Goal 7: Build Community Resilience



Climate Change Adaptation Strategy



- Final Strategy completed in March 2017
 - 8 goals
 - 59 identified actions
- Council endorsement in April 2017
- Milestones 1, 2, and 3 awarded



Implementation Plan



- Comprised of 48 Action-Specific Action Plans (ASAPs) across 8 Goal Categories
 - Answers: who, what, where, when and why for each priority action
 - Includes reporting data collection template and framework
- Council Endorsed April, 2018
- Milestone 4 awarded



Progress to Date

Meeting with Departments to identify progress to date:

- On-Track
- In-Progress
- Not yet Started
- Complete

Barriers to Implementation

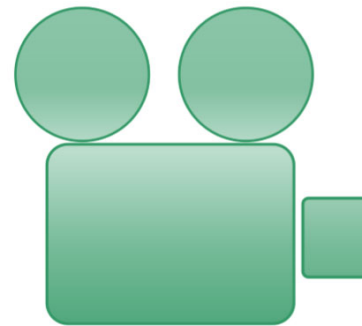


Quick Wins

- Majority of tasks are planned or on target
- A few tasks are complete
- Some are deferred
- Others not yet reported
- Received funding from FCM to work alongside Ontario Parks Association to analyze and report on green infrastructure
- Participate in the local Climate Change Exchange



Communications



What's Next

- 2019 Task Implementation
- Work Planning for 2020 tasks
- Develop Reporting framework
- Launch new website
- Achieve Milestone 5





Thank You

