



City of
Peterborough

To: Members of the Peterborough Environmental Advisory Committee

From: Michael Papadacos, Manager of Infrastructure Management Division

Meeting Date: November 19, 2020

Subject: Report PEAC20-010
Community Climate Change Resilience Strategy

Purpose

A report to inform the PEAC the Infrastructure Management staff will make a presentation at the November 19, 2020 meeting and provide the PEAC with a final draft of the Community Climate Change Resilience Strategy report for their review and comment.

Recommendation

That the PEAC approve the recommendation outlined in Report PEAC20-010 dated November 19, 2020 of the Manager of Infrastructure Management Division, as follows:

That the presentation from Infrastructure Management staff and the Community Climate Change Resilience Strategy report be received for information and comments be provided at the January 20, 2021 PEAC meeting.

Budget and Financial Implications

There are no budgetary or financial implications associated with the recommendation.

Background

Development of Peterborough's Community Climate Change Resiliency Strategy (CCCRS) was facilitated by the City's participation in ICLEI Canada's Adaptation Changemakers project. The goal of this strategy is to build the adaptive capacity of the community, and to begin to integrate climate change considerations into long-term planning and day-to-day operations. The impacts and actions reflect priority climate change risks for the community's social, built, economic, and natural systems. Many climate-related risks extend beyond municipal jurisdiction, requiring the collaboration of important community service providers, local partnerships and other levels of government. As such, the climate actions presented in this strategy were developed using the knowledge and experience of municipal staff and community partners.

Development of the CCCRS was guided by ICLEI Canada's Building Adaptive and Resilient Communities (BARC) program. BARC is a five-milestone planning framework for local governments aimed at preparing communities for the impacts of climate change. The comprehensive planning methodology guides municipalities through areas of research and climate impact assessment methods, strategy development, action-setting processes, implementation planning, and monitoring and review strategies

The strategy will guide adaptation efforts undertaken by the community, in a collaborative effort with the City of Peterborough and its partners. The CCCRS was created with input from a Stakeholder Working Group composed of community organizations, local experts, and city staff to develop an actionable plan. The Working Group identified and prioritized the most salient risks to prioritize in the resiliency strategy. The foundation of the strategy is defined by seven objectives that aim to better manage the risks posed by climate change:

1. Reduce flood risk and protect water quality and quantity from changing climate and extreme weather.
2. Reduce damage and/or disruptions to built infrastructure due to extreme weather and improve safety of travel on roads and sidewalks.
3. Protect and enhance natural heritage, tree canopy, natural vegetation, and wildlife from extreme weather and climate related risks.
4. Support the agricultural community and local food producers in adapting to climate risks and identifying new opportunities.
5. Educate and prepare Peterborough's residents, businesses, and institutions for changing climate conditions and risks.
6. Increase the adaptive capacity of Peterborough's local economy to anticipate changing climate conditions and extreme weather.

7. Integrate climate change into municipal decision-making processes that inform the way Peterborough is planned, developed, used, restored and maintained.

The Working Group developed 20 direct actions with 62 supporting actions along with estimated implementation timelines, lead organizations, and potential indicators to monitor adaptation progress.

Staff will provide a brief overview of the report and requests that PEAC provide comments for consideration at the January 20,2021 PEAC meeting.

Submitted by,

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Attachment:

Appendix A - City of Peterborough Community Climate Change Resilience Strategy