



## **Background:**

At the Council Meeting of June 28, 2016 Council adopted the following resolution:

**RESOLVED THAT** Report CAO 2016-004, **Corporate Energy Management**, be received;

**THAT** staff be directed to communicate to the Federation of Canadian Municipalities (FCM) that the City of Kawartha Lakes will participate in the Partners for Climate Protection (PCP) program and commit to achieving the milestones set out in the PCP five-milestone framework as outlined in the background section of this report; and

**THAT** the City of Kawartha Lakes appoint the following:

3. Corporate staff person (Name) Denise Williams, OSM
4. Elected Official (Name) Gord Miller, Councillor

to oversee implementation of the PCP milestones and be the points of contact for the PCP program within the municipality; and

**THAT** staff be directed to pursue grant funding through FCM to implement the PCP program; and

**THAT** \$75,000 from within the 2016 operating and/or capital budgets be the City's financial commitment to leverage FCM grant funding.

At the Council Meeting of January 10, 2017 Council adopted the following resolution:

**RESOLVED THAT** Report PUR2017-001, **Request for Proposal 2016-86-OP Consulting Services for Development of Kawartha Lakes Healthy Environment Plan**, be received;

**THAT** Land Use Research Associates (LURA) of Toronto, being the highest scoring proponent, be selected for the award of Request for Proposal 2016-86-OP for Consulting Services for Development of Kawartha Lakes Healthy Environment Plan;

**THAT** subject to receipt of the required documents, the Mayor and Clerk be authorized to execute the agreement to award RFP 2016-86-OP; and

**THAT** Purchasing Division be authorized to issue a purchase order.

At the Council Meeting of February 13, 2018 Council adopted the following resolution:

**RESOLVED THAT** Report DEV2018-002, **Kawartha Lakes Healthy Environment Plan Funding Agreement MCIP15346**, be received;

**THAT** the City of Kawartha Lakes develop a Greenhouse Gas Emissions Reduction and Community Energy Plan that will include specific tasks; who will accomplish them and when they will be implemented, estimated costs and an implementation and monitoring strategy and

**THAT** the City of Kawartha Lakes committed and spent \$75,000 from its existing Operating budget in 2016 toward the costs of this initiative, and

**THAT** the Mayor and Clerk be authorized to execute the Kawartha Lakes Healthy Environment Plan Funding Agreement MCIP15346 attached as appendix A to this report.

This report addresses this direction and accompanies a presentation by Land Use Research Associates and ICLEI Canada to introduce the Kawartha Lakes Healthy Environment Plan for adoption.

### **Rationale:**

The Paris Agreement is an agreement within the United Nations Framework Convention on Climate Change. The purpose of the agreement is to address the effects of greenhouse gas emissions causing global warming. The agreement was negotiated by representatives of 195 countries and adopted by consensus on December 12, 2015. The agreement dealing with greenhouse gas emissions (GHG), mitigation and finance went into effect on November 4, 2016. As a signing partner in the agreement, Canada will work toward a goal to reduce its contributions to GHG emissions.

On December 9, 2016 the Federal Government adopted the Pan-Canadian Framework on Clean Growth and Climate Change. The framework embodies the principles of a collaborative approach to reduce GHG emissions and enable sustainable economic growth while improving quality of life and building a healthy environment. The framework will contribute to meeting or exceeding Canada's 2030 climate change target of a 30% reduction below 2005 GHG levels. Pricing carbon pollution, driving innovation and taking action to grow the economy underpin the actions in the plan.

While the provincial direction on climate change is currently under review, the City of Kawartha Lakes Municipal Climate Change Plan (Kawartha Lakes Healthy Environment Plan) has been created in alignment with the Federal GHG emission reduction targets and climate change programming.

In 2016 the City of Kawartha Lakes Corporate Energy Management Plan (CEMP) was finalized and posted per Ontario Reg. 397/11. The CEMP captures baseline consumption of natural gas, vehicle fuel, hydro, propane and heating oil. Demand management initiatives currently underway are documented.

In June 2016 Council endorsed membership in the Partners for Climate Protection Program (PCP), addressing climate change mitigation with the Federation of Canadian Municipalities committing to completing the Five Milestone Framework as detailed below.

Milestone One	Create a community greenhouse gas emissions inventory and forecast.
Milestone Two	Set an emissions reductions target.
Milestone Three	Develop a local action plan
Milestone Four	Implement the local action plan or set of activities
Milestone Five	Monitor progress and report results

The Kawartha Lakes Healthy Environment Plan (KLHEP) adoption satisfies the requirements for Milestones one, two and three of the PCP Program and the City's funding agreement with the Federation of Canadian Municipalities. The KLHEP provides direction on climate change mitigation for the City of Kawartha Lakes.

The KLHEP also addresses climate change adaptation. By partnering with ICLEI Canada, the plan also follows the Building Adaptive and Resilient Communities (BARC) program. The KLHEP includes both climate mitigation strategies and adaptation strategies. In order to protect the people, maintain our infrastructure and be generally resilient as a community facing climate change, it is important to have a climate adaptation plan.

While the full KLHEP is attached to this report, Council will also receive a presentation that provides an overview of the methodology used to write the plan and the vast community engagement that occurred to inform the strategies and actions. Over 2500 people shared their opinions, ideas and insights about climate change as we experience it in Kawartha Lakes.

## **Other Alternatives Considered:**

Council could opt to not recommend the KLHEP for adoption. This action would result in a default in the City's funding agreement with FCM. As well, actions in Council's Strategic Plan would remain outstanding relating to Council's goal to have a healthy environment.

## **Financial/Operation Impacts:**

The KLHEP was funded partially by the Federation of Canadian Municipalities (FCM) and the remaining City's contribution was funded from energy savings as a result of implementation of the Corporate Energy Management Plan.

The financial implications of the KLHEP will occur over the next ten years, the life of the plan as the goals and strategies in the KLHEP are further scoped and implementation partner organizations are confirmed. The KLHEP will inform future master planning by providing climate mitigation and adaptation lenses in all aspects of municipal operations and community planning. The Plan will also inform future annual budgets, asset management plans and long-term financial plans.

## **Relationship of Recommendation(s) to the 2016-2019 Strategic Plan:**

The KLHEP directly aligns with Council's Strategic Plan in each of the three goals:

- Goal 1 – A Vibrant and Growing Economy – the KLHEP identifies strategies to reduce the out flow of dollars by reducing energy consumption in the community.
- Goal 2 – An Exceptional Quality of Life – the KLHEP identifies strategies to ensure the safety of people and to protect our natural heritage.
- Goal 3 – A Healthy Environment – the KLHEP identifies strategies to mitigate and adapt to climate change that will result in resiliency.

## **Consultations:**

Federation of Canadian Municipalities  
ICLEI Canada  
LURA Consulting  
Ministry of the Environment and Climate Change Resources  
Director of Sustainability, Fleming College  
Chief Administrative Officer, Kawartha Conservation Authority  
Chairperson, Kawartha Lakes Environmental Advisory Committee  
Chief Administrative Officer, City of Kawartha Lakes  
Director of Corporate Services, City of Kawartha Lakes  
Director of Engineering and Assets, City of Kawartha Lakes

Manager of Corporate Assets, City of Kawartha Lakes  
Director of Community Services, City of Kawartha Lakes  
Manager of Buildings and Property, City of Kawartha Lakes  
Director of Public Works, City of Kawartha Lakes  
Manager of Environmental Services, City of Kawartha Lakes  
Manager of Planning, City of Kawartha Lakes  
Agriculture Development Officer, City of Kawartha Lakes  
Strategy and Performance Specialist, Office of Strategy Management, City of Kawartha Lakes

A complete list of community members and organizations that formed the 60 member working group is found in the KLHEP attached to this report.

### **Attachments:**

Appendix A – Kawartha Lakes Healthy Environment Plan  
Appendix B – Presentation to Committee of the Whole – Overview of the Kawartha Lakes Healthy Environment Plan



Kawartha Lakes  
Healthy Environment Plan



Presentation to

Committee of the Whole

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**Department Head: Chris Marshall**