

**Kawartha Lakes Healthy Environment Plan  
Workshop-in-a-Box**



**A Guide for Hosting Your Own Workshop to Discuss the  
Kawartha Lakes Healthy Environment Plan**

## About this Workshop-in-a-Box

The City of Kawartha Lakes is developing a **Healthy Environment Plan** that will outline a comprehensive strategy to take action on climate change locally. The Plan is intended to help the Kawartha Lakes community reduce greenhouse gas (GHG) emissions and better anticipate and adapt to climate change. The Plan has three phases of engagement designed to feed into the development of the Plan (Figure 1). By completing this Workshop-in-a-Box you will be contributing to the first two phases of the plan, defining and determining.

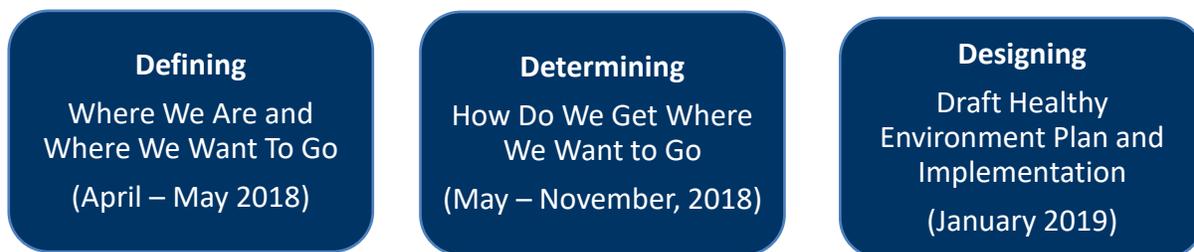


Figure 1: Kawartha Lakes Healthy Environment Plan Community Engagement Phases.

Community GHGs are typically emitted from home and business heating and electricity, transportation, and the generation of waste. From a community perspective, mitigating and adapting to climate change requires support from individuals, businesses and institutions and various levels of government. We all have a role to play.

This **Workshop-in-a-Box** has been designed to help you hold a conversation about **climate change**. The City wants to hear your thoughts about climate change, the goals we should set and the actions we can take as a community. The Workshop-in-a-Box will help to provide interested community members with the resources they need to get the conversation started and collect insightful perspectives.

## The Basics

### Who is the Workshop-in-a-Box for?

The Workshop-in-a-Box has been developed for Kawartha Lakes residents who want to host their own conversation about climate change and the Kawartha Lakes Healthy Environment Plan. The conversation is designed for groups of up to 20 people.

### What is the purpose of the conversations?

To hear from as many community members as possible and to obtain their views about what they think are the best approaches for the Kawartha Lakes community to address climate change moving forward.

### Where will the conversations take place?

Conversations can occur where groups regularly meet, or at a location that is accessible and convenient for group members who will be part of the conversation.

### **What does the Workshop-in-a-Box Guide include?**

The Workshop-in-a-Box provides a brief presentation as well as descriptions, tips and worksheets to help your group have a conversation about climate change and the Kawartha Lakes Healthy Environment Plan. This guide includes a number of discussion questions for you to use:

- How has climate change impacted you?
- If you could see our community achieve ONE thing that addresses climate change – what would it be?

### **How long will the conversation take?**

The conversation will take about 60 minutes.

### **How do I get started?**

The following pages provide step-by-step instructions – from how to facilitate the discussions, to what to do with your ideas.

### **How will the information that I send you from the conversation be used?**

We would like to collect the ideas that your group raises about climate change and the Kawartha Lakes Healthy Environment Plan. Your perspectives will help us create a collective understanding of what residents think our goals and actions should be to address climate change. All feedback will be reviewed by Lura Consulting who has been retained by the City to develop the Healthy Environment Plan. All inputs you provide will help shape the Plan and be reviewed for consideration.

## **Tips for Conversation Leaders**

Thank you for your commitment to the Kawartha Lakes Healthy Environment Plan and for sharing your thoughts on developing a Plan to address climate change in our community. As the conversation leader and facilitator, your job will be to:

- Encourage your families, friends and community contacts to participate;
- Lead the conversations, and keep an eye on timing;
- Help discussions run smoothly and ensure that everyone who wants to speak has a chance to talk about their ideas;
- Keep an environment of openness and respect so that all participants are comfortable sharing ideas;
- Your role is to facilitate the meeting, remember that while your opinion is welcome, your job is to record participant feedback and listen to their opinions. The goal is not necessarily to have everyone reach a consensus.
- Collect responses using the form provided and forward them either as a scanned document emailed to [radamson@lura.ca](mailto:radamson@lura.ca) or delivered in hard copy (via mail or in person) to:

Attn: Denise Williams, Economic Development Office  
180 Kent Street West  
Lindsay, ON, K9V 2Y6

- Your Workshop-in-a-Box should be submitted before **September 4, 2018**.
- Be sure to have participants fill out the “List of Participants” form at the end of the package.
- Have fun!

## Starting the Meeting

Before the meeting, set up your computer and prepare the presentation. If you do not have access to a computer to display the presentation, we recommend that you print a few copies of the presentation for your group to discuss.

The following script is designed to lead you, as the discussion facilitator, through the Workshop. This material will help set the stage for your discussion.

### Slide 1: Title Page

Start the meeting by welcoming participants and introducing yourself if the group does not know you or doesn't know you well. Let your participants know the intent of the meeting is to inform about the **Healthy Environment Plan** that is being developed by the City of Kawartha Lakes with a support from Lura Consulting and ICLEI Canada. The City wants to hear from community members on what goals they think the community can set and what actions can be taken to address climate change from both a mitigation and adaptation perspective.

### Slide 2: Climate Change and How It Affects Us

Climate change is caused by a dramatic increase in greenhouse gas emissions released into our atmosphere caused by human activities. Greenhouse gases include water vapour, carbon dioxide, methane, and nitrous oxide among others. While these compounds are naturally occurring on the planet, human activities have dramatically increased GHG emissions in our atmosphere to a level that can no longer be accommodated. Human created sources of GHGs include the burning of fossil fuels like coal, oil and natural gas, automobiles and organic waste.

We emit GHG emissions through many of our daily activities. These include in our homes, at work, and in our cars. Greenhouse gas emissions are also associated with the waste we produce and the energy needed to provide us with drinking water.

As a community in 2015, we as a community emitted about 650,000 tonnes of CO<sub>2</sub>.

The per capita emissions for the City of Kawartha Lakes in 2015 were 7.8 tonnes.

The bulk of which was from transportation (48%), residential, commercial, institutional and industrial buildings and water treatment (28%), livestock (17%), and waste (10%).

### Slide 3: What is the Kawartha Lakes Healthy Environment Plan

Climate change is a high priority the City.

The Healthy Environment Plan is a long term comprehensive strategy to address climate change in our community.

It builds on the Integrated Community Sustainability Plan established in 2014.

The plan will address two components:

- **Mitigation** – which looks at how we reduce the amount of greenhouse gas emissions being released into the atmosphere.
- **Adaptation** – which recognizes that we are already living with a changing climate. This aspect focuses on finding ways to make our community more prepared, more resilient to the effects of climate change.

This is a community-wide initiative and plan. It is not only about what the municipality will do address climate change, but what we can all do to take action. We all have a role to play.

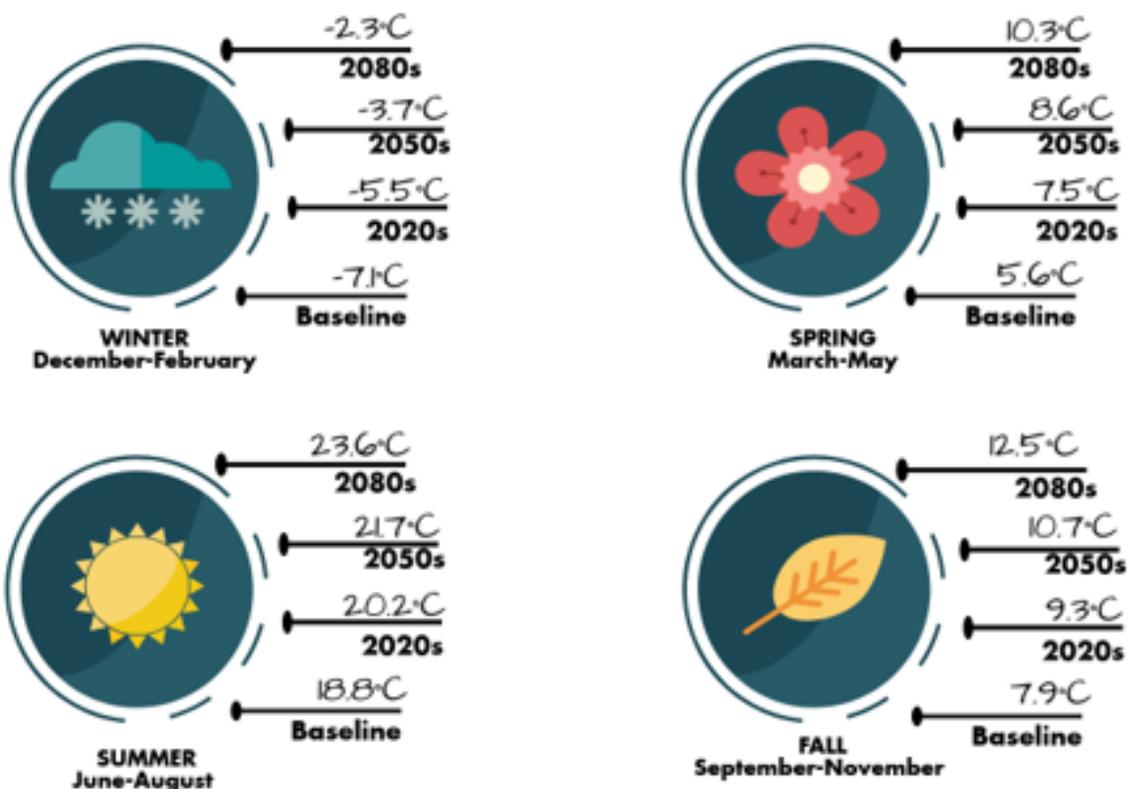
#### Slide 4: Warmer Temperatures

The simplest way to describe the impacts of climate change is that the weather will be warmer – wetter – and more unpredictable (or wilder).

Thinking about WARMER....

- Temperature in Kawartha Lakes is on the rise.
- We can expect the weather to be warmer in all seasons.
- On average, the temperature will increase by 4.7°C by the 2080s.

The infographic shows how temperatures are projected to increase over the next few decades.



#### Slide 5: Hotter Days

Overall, we can expect more hot days and fewer cold days as shown in the infographic.

While we used to experience an average of 6 days above 30 degrees Celsius in the summer months, we are projected to experience closer to 54 days of extreme heat within the coming decades.

Some consequences include of changes in the temperature include:

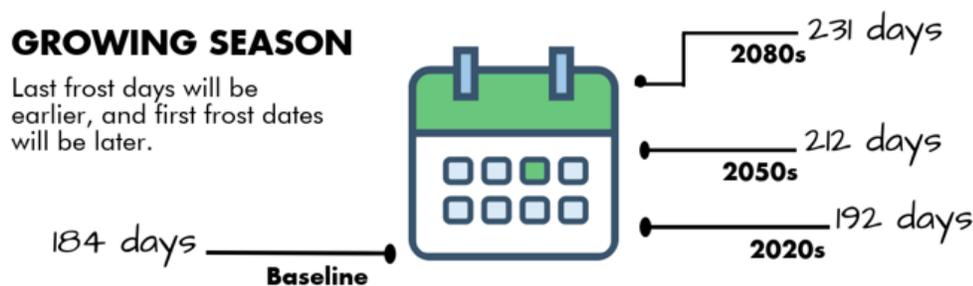
- Damage to infrastructure such as roads, bridges, and buildings,
- Damage to the natural environment, and
- Health risks for outdoor workers and vulnerable populations.



**Slide 6: Longer Growing Seasons**

Changes in our temperature will affect growing seasons in Kawartha Lakes. We can expect a longer growing seasons in the coming decades as last frost days will be earlier and first frost dates will occur later.

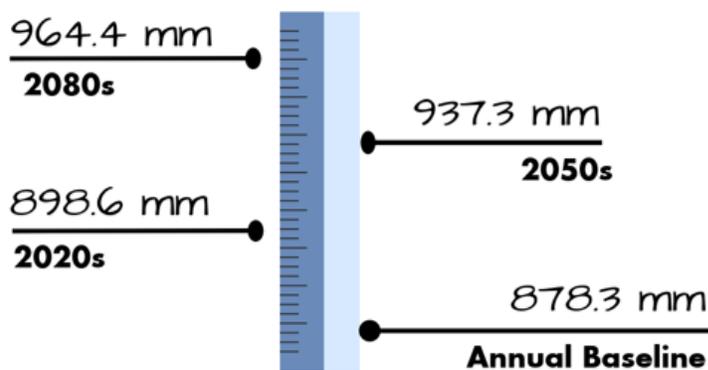
Some consequences include a change in crop rotation and planting, a more productive agricultural season, and increased agri-tourism.



**Slide 7: More Rain and Snow**

Thinking about WETTER.... Kawartha Lakes will experience changes in precipitation.

Spring and fall in particular are expected to be significantly wetter.

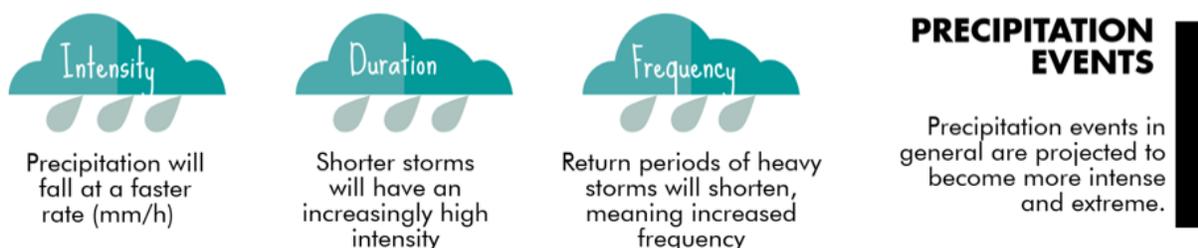


**Slide 8: Wilder Weather**

Thinking about WILDER...The way our rain fall occurs is also anticipated to change.

More rain is expected to fall during an average rainy day as well as during extreme weather events. We will see precipitation falling at a faster rate, shorter storms with increased intensity, and shorter breaks between heavy storms.

Some consequences include flash flooding, road washout, basement flooding, crop damage, infrastructure damage, habitat destruction, construction delays and increased demand on emergency services.



**Slide 9: Climate Change and How It Affects Us**

In short these are the changes we can expect to see in Kawartha. Climate change poses a threat to human health, the economy, and to our environment.

Indices	Projection
Temperature	<ul style="list-style-type: none"> <li>Warmer in every season</li> <li>More hot days, fewer cold days</li> </ul>
Precipitation	<ul style="list-style-type: none"> <li>Winter and spring getting wetter</li> <li>Getting more intense</li> </ul>
Freeze-Thaw	Fewer cycles in spring and fall
Growing Season	Starting earlier, ending later
Lake water	Warmer temperatures

**Slide 10: Where Do We Want to Go?**

Provincial guidelines for GHG emissions recommend adopting the Ministry of the Environment and Climate Change’s targets.

By using this guidance, the community of the City of Kawartha Lakes should work to reduce its Greenhouse Gas Emissions by 37% by the year 2030 and by 80% by the year 2050. That means will need to reduce our emissions per capita from 7.8 to 6.9 by 2030 and 1.8 by 2050.

We also want our community to become more resilient to the impacts of climate change. That means ensuring we are ready to handle things such as increased precipitation and changes in temperature..

**Slide 11: How to Get Involved**

Development of the Healthy Environment Plan includes three phases of public engagement designed to help the City collect feedback from the community to help shape the plan:

- Phase 1: Defining where we are and where we want to go.** We’re looking to the community to help us define our concerns about climate change, how climate change has impacted the community, and the goals we should be setting for ourselves.

- **Phase 2: Determining How Do We Get Where We Want to Go.** Once we've defined our climate change issues and goals, it's time to determine how we meet our vision. That means we need to identify the actions our community will need to take and the "ingredients" that will make our actions successful. Input from the community will help us determine the actions that can be taken to reach our goals.
- **Phase 3: Designing the Final Plan.** The public the opportunity to weigh in on the design of draft Healthy Environment Plan prior to its submission to council. Community input will help the Project Team identify any gaps or issues that should be addressed.

Stay tuned to the City's website for more information and to complete our survey. Go to the environment page of the City of Kawartha Lakes website and click on the Healthy Environment Plan tab.

Also keep an eye out for Climate Action Conversation pop-ups in your community. Pop-up events can also be found on the City's website and by looking at the City's Events calendar.

## Group Discussion

Now that you have all the necessary information and the ice has been broken, it's time to get talking about climate change. Remind participants that there are no right or wrong answers. All feedback is encouraged. Use the feedback sheets to write down participant's responses. You can either write down responses yourself or find an eager volunteer in your group to record the feedback.

Be sure that participants also fill out the participant list forms.

### **Activity Tip: Icebreakers to Get the Conversation Going (5 minutes)**

The members of your group may or may not already know each other. Even if they do, every conversation needs a bit of a warm-up or "ice-breaker" to get the conversation going. Consider the following ice breaker or make up one of your own!

- Have each group member state **one (1) activity** that they do in the City of Kawartha Lakes that they really love to do and makes them happy (e.g. walking my dog, going to the market, playing sports, coming to work!, etc.).

## Question 1: How has climate change impacted you?

**Tip:** For this question, we are looking for insights as to how climate change has impacted participants in your workshop. Participants can answer based on how climate change has affected their personal life, their family, their business, or the broader community.

Examples: Extreme weather, extended heat waves, flooding, drought, crop damage, longer or more productive growing seasons, etc.

**Time Required:** 20 minutes.

**Feedback Received:**

## **Question 2: If you could see our community achieve ONE thing that addresses climate change – what would that be?**

**Tip:** Think big! Ask the group to consider their ideas for a big goal that the community can work towards to address climate change. Goals should be multi-year outcomes that are achieved as a result of implementing the Healthy Environment Plan. For example, “Kawartha Lakes provides protection for vulnerable populations during extreme weather events.”

**Time Required:** up to 20 minutes.

**Feedback Received:**

### Question 3: What actions (mitigative and adaptive) can be taken to address climate change?

There are 8 focus areas to consider:



**Tip:** For this question we’re looking for participants to come up with actions that can be taken personally, by businesses and organizations, or by the City of Kawartha Lakes. For example, “The City of Kawartha Lakes should develop a cycling network to support active transportation and reduce reliance on cars.” This is an example of a mitigative action as it would result in the reduction of GHG emissions.

Encourage participants to think about the eight focus areas: Agriculture, Buildings, Economic Development, Energy Systems, Land Use Planning, Natural Environment and Ecosystems, People and Health, Transportation, Waste, Waste Water and Stormwater Management.

**Time Required:** up to 20 minutes.

**Question 3: What actions (mitigative and adaptive) can be taken to address climate change?**

What Actions can you take:

What Actions can businesses and organizations take:

What Actions can the City of Kawartha Lakes take:

## Wrapping Up the Conversation

By now you and your group have probably shared some interesting ideas!

Thank everyone for taking the time to share their thoughts and stories.

Remind your group members that there is a project website and survey that can be shared with their friends:

<https://www.kawarthalakes.ca/en/living-here/environment.aspx>

## Submitting Your Workshop Results

Once the conversation is complete, please make sure all feedback received is captured under the respective discussion question in the Workshop-in-a-Box.

In addition, please complete **Appendix A – About Your Workshop** by answering four short questions and providing the List of Workshop Participants.

Please submit your Workshop Results to Ryan Adamson by scanning your comment forms, participants list and feedback sheets and sending them by email or by bringing your materials to the Economic Development Office at the City of Kawartha Lakes:

**Email:** [Radamson@lura.ca](mailto:Radamson@lura.ca)

**Drop-off:**

Mail to: 180 Kent Street West, Lindsay, ON K9V 2Y6. Attn: Denise Williams, Economic Development.

In person drop-off hours: Monday – Friday 8:30am – 4:30pm.

Please submit your Workshop-in-a-box by **September 4, 2018**.

