

Update: Climate and Environment Review

<u>Purpose</u>

To update Council on the progress of the Climate and Environment Review.





► To present the **Draft Climate Resilience Framework.**



► To highlight several current project that are advancing climate action and/or environmental protection.

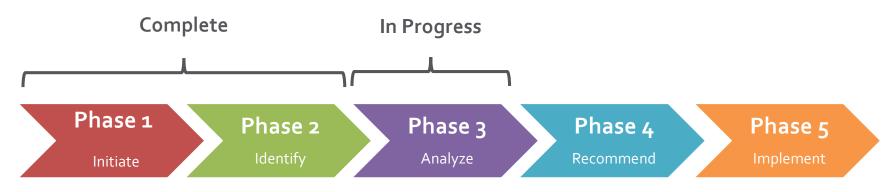




Objectives

- Establish, through staff and community engagement, key priorities and objectives related to climat action and environmental protection (C&E).
- ▶ Determine the effectiveness and gaps of the City's current C&E related policies, programs, actions, systems, and resources.
- ► Provide a series of **recommendations** to advance the C&E priority.

Scope of Work



- Finalize the Project Plan.
- © Select an external consultant to lead corporate visioning and engagement.
- Develop a Stakeholder Engagement Plan.

- Establish a corporate Climate Resilience Framework.
- Document and map the City's existing C&E conditions.
- Identify gaps relative to the established Climate Resilience Framework.
- Recommend solutions to progress climate action and env. protection.
- Develop an Implementation Plan.
- If endorsed by Council, begin executing the recommendations and implementation plan (with dedicated resources).

Actions To-Date

1 - Project Initiation

- Jun: Completed the Project Plan.
- Jul: Engaged Neilson Strategies Inc. to lead/facilitate visioning and engagement.

2 – Identify Corporate Priorities

- Jul Nov: Internal and best practice review for Climate Resilience Framework.
- Oct. 19: Hosted a workshop with 35 staff.
- Nov: Drafted Framework.

3 – Analyze Current State

- Jul Present: Conducted 15 structured interviews with relevant Staff.
- Jul Present: Conducted 6 structured interviews with reps from other LG's.

Framework - Structure

Imagine Kelowna Vision:

Kelowna is a thriving mid-sized city that welcomes people from all backgrounds. We want to build a successful community that honours our rich heritage and also <u>respects</u> the natural wonders that contribute to our identity. As a place with deep agricultural roots, Kelowna understands the need to protect our environment, manage growth and <u>be resilient as our future unfolds.</u>

City Plans

- Council Priorities
- Imagine Kelowna
- 2040 OCP
- 2040 TMP
- Community Climate Action Plan







- Corporate Climate Leadership
- Reduce GHG Emissions
- Adapt to a Changing Climate
- Protect our Unique Natural Environment
- Shift to a Circular Economy



Lenses

- Indigenous Knowledge
- Equity
- Affordability
- Co-benefits
- Innovation
- Financial Prudence



City of Kelowna

Framework - Pathways

CORPORATE COMMUNITY PRIORITIES Protect our Demonstrate Reduce GHG Adapt to a Shift to a Corporate emissions **Changing Climate** Circular Economy Climate Leadership Climate resiliency is Growth is centered in Water consumption is Agricultural land thrives Okanagan Lake and its embedded into City connected, walkable, Urban in line with a changing to support a sustainable tributaries are protected. Centres and Core Area. operations. water supply. local food system. The community is Households depend Procurement prioritizes The community has a less on the automobile prepared for and Waste is diverted from environmental healthy and viable resilient to changing and embrace active the Glenmore Landfill. sustainability. urban forest. precipitation patterns. transportation and transit. DESIRED RESULTS The community is Air pollution and Lead the way in Vehicles are prepared for and Resources are recovered people's exposure to air zero-emission fleets. resilient to changing zero-emission. from waste. pollutants is low. temperature patterns. New and existing The risks related Biodiversity and Lead the way in energy Buildings have low buildings are energy to invasive species landscape diversity are embodied carbon. efficient buildings. efficient energy efficient is low. preserved and enhanced. and low-carbon. Environmentally sensitive Ecosystem services are The sharing economy The City is a trusted Energy is 100% valued and green areas are protected from along with products-as-service resource hub for community renewable. infrastructure is embraced. development impacts. models are growing. climate action.

City of **Kelowna**

Next Steps

- ➤ Refine the Framework through staff and community feedback.
- Continue the gap analysis and assess performance relative to the Framework.
- Best practice review and stakeholder engagement to identify opportunities for improvement.



Current Projects

	Pathway	Project Name	Lead Department	Expected Completion
	Demonstrate Corporate Climate Leadership	Rutland Family Y Energy Study + Updates	Energy Management	Q4 2022 (if approved)
(<u>(0</u>)	Reduce GHG Emissions	Community GHG Emissions Modelling	Policy & Planning	Q1 2022
Rell .	Adapt to a Changing Climate	Community Wildfire Resiliency Plan	Urban Forestry	Q1 2022
A CONTRACTOR OF THE PARTY OF TH	Protect Our Unique Natural Environment	Municipal Natural Asset Inventory	Asset Management	Phase 1 - Complete
	Shift to a Circular Economy	Biosolids Phase 2 - Interim Business Plan	Infrastructure Planning	Q1 2022



Questions