

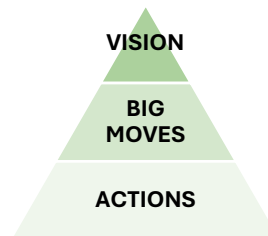
City of Abbotsford

Climate Resilience Strategy Project Update

Part 2: Draft Big Moves and Action Ideas

Part 2: Draft Big Moves and Actions

The Climate Resilience Strategy sets a roadmap for future action. The vision sets a long-term aspirational statement for the CRS. The **big moves** identify the key areas of focus, and **actions** detail specific steps for implementation. This survey asks for your feedback about each of these elements of the CRS.



Our Approach to Refining **Action Ideas** into **Final Actions**



The Project Team identified potential Action Ideas through early Climate Resilience Strategy activities (including GHG emissions modelling and the citywide hazard, risk and vulnerability assessment) and engagement (Staff Working Group and Engagement Round #1).



The Project Team reviewed these Action Ideas before sharing them as part of Round #2 Engagement.



Action Ideas will become final Actions based on feedback from Engagement Round #2 and input from the Staff Working Group. As Climate Resilience Strategy development continues, the Project Team will continue building and refining the list of Actions for each Big Move.



Final Actions are a key element of the Climate Resilience Strategy that will help guide the City in reducing emissions, building climate resilience, and strengthening emergency management.

BIG MOVE

ACTION IDEAS

Addressing Climate Hazards	• Enhance green infrastructure such as rain gardens and permeable surfaces to reduce flood risk. • Continue seeking opportunities to improve water quality and quantity and soil. • Identify locations to increase urban tree canopy and shade in heat-vulnerable areas. • Continue implementing the Long-Term Flood Mitigation Plan and strengthening multi-governmental collaboration to address flood hazard in the Sumas Prairie. • Create more opportunities and frameworks for interdepartmental collaboration and external partnerships to address climate hazards.
Building Resilience in Municipal and Natural Assets and Services	• Invest in infrastructure improvements (roads, drainage, utilities, facilities) that support schools, hospitals, and other critical service areas. • Assess and upgrade critical infrastructure for extreme weather (flooding, heat, storms). • Integrate climate resilience considerations into capital planning and asset management.
Advancing Clean Energy Opportunities	• Encourage local and small-scale renewable and low-carbon energy generation and storage. • Assess opportunities to develop district energy systems. • Explore partnerships and financing programs to support clean energy projects.
Enhancing Energy Efficiency & Electrifying Our Buildings	• Develop pilot programs and resources to support energy retrofits in existing buildings. • Investigate progress on Energy Step Code and Zero Carbon Step Code and identify opportunities to accelerate implementation. • Develop programs, resources, and partnerships to support building electrification and efficiency standards.
Supporting Lower-Carbon Transportation Options	• Partner with neighboring local governments to advocate for rapid transit, improved public transportation, and low-carbon regional mobility. • Pursue funding and conduct studies to expand active transportation networks. • Support zero-emission vehicle adoption by investing in accessible, well-distributed charging infrastructure networks.

BIG MOVE

ACTION IDEAS

Fostering a Low-Carbon Resilient Economy

- Encourage **low-carbon business practices** that reduce utility costs and support active transportation.
- Support **circular-economy businesses** focused on waste reduction, reuse, repair, and local manufacturing.
- Develop **green job pathways** with educational institutions (e.g. renewable energy, building retrofits, EV maintenance, and resilient construction).

Cultivating Climate Resilience in Agriculture

- Identify local government tools that **protect and preserve agricultural land** (e.g. bylaws, policies, programs) and explore implementation options.
- Explore multi-year funding and technical support for education and pilot projects that advance **regenerative and climate-adaptive farming**.
- Improve water management, drainage, and soil health through targeted programs and investments.

Strengthening Emergency Management for a Changing Climate

- Provide **training and resources** on climate risks, emergency preparedness, and home-level resilience.
- Understand **mental health awareness** training and support needed for emergency responders and explore options and funding needed.
- Establish a **Wildfire Development Permit Area** to integrate Fire Smart principles into new development and redevelopment
- Create a community **wildfire protection plan**

Connecting Actions to Hazards and Emissions

Each action relates to reducing risk and/or greenhouse gas emissions. A few examples are shown below.

ACTION	HAZARDS	EMISSIONS
Continue implementing the Long-Term Flood Mitigation Plan and strengthening multi-governmental collaboration to address flood hazard in the Sumas Prairie.	 Flooding	
Implement the City's urban forest management strategy , expand wildfire risk reduction efforts , and fire service staff capacity .	 Wildfire, Extreme Heat	
Explore partnerships and financing programs to support clean energy projects.		 Energy
Develop pilot programs and resources to support energy retrofits in existing buildings.	 Extreme Heat, Air Quality	 Buildings
Identify locations to increase urban tree canopy and shade in heat-vulnerable areas.	 Extreme Heat	 GHG Storage
Enhance green infrastructure such as rain gardens and permeable surfaces to reduce flood risk.	 Extreme Heat, Flooding, Drought, Air Quality	 GHG Storage