






Attachment 1: Progress on Climate Resilience Framework Pathways.

Pathway	Key Indicators / Targets	Progress	Example 2022 Initiatives	Major 2023 Initiatives
 <p>Corporate Climate Leadership</p>	<p>Corporate GHG Emissions: 12 per cent reduction in GHG emissions relative to 2007 levels by 2022.</p> <p>(Note: A 2030 GHG emissions reduction target and a metric related to energy use intensity are also being established through the Strategic Energy Management Plan - SEMP)</p>	<p>Values to be determined through the SEMP in 2023.</p> <p>Preliminary data suggests emissions decreased slightly in recent years.</p>	<ul style="list-style-type: none"> • Implementing the <i>Green Fleet Strategy</i> that was completed in 2021. • Successful Zero-Emission Vehicle Infrastructure Program (ZEVIP) grant application. Funds will be used for 24 new City fleet electric vehicle chargers. • Began development of new <i>Strategic Energy Management Plan (SEMP)</i> to guide corporate energy and GHG emissions initiatives. 	<ul style="list-style-type: none"> • Finalize the SEMP • Develop a Corporate Green Building Policy • Begin the development of a Climate Lens Decision Making Tool • Continued electrification of the City’s light duty fleet and installation of supportive EV charging infrastructure
 <p>Reduce GHG Emissions</p>	<p>Community GHG Emissions: 4 per cent reduction in GHG emissions by 2023 relative to 2007 levels (25 per cent by 2033)</p> <p>(Note: Council endorsed new targets in June/22: 40 per cent GHG emissions reduction by 2030 relative to 2007 levels, and net-zero by 2050)</p>	<p>2018: 3.7 per cent increase</p> <p>(Note: 2019 and 2020 community GHG emissions inventories being complete in 2023)</p>	<ul style="list-style-type: none"> • Began development of new <i>Climate Resilient Kelowna Strategy</i> to guide community GHG emissions reduction initiatives • Adopted Anti-Idling Bylaw • Addition of five Level 2 and eight Level 1 public electric vehicle charging stations • 25 municipal top-ups distributed in 2022 for fuel switching to air source heat pumps. 	<ul style="list-style-type: none"> • Complete <i>Climate Resilient Kelowna Strategy</i> • Develop and implement a pilot Home Energy Concierge Program for existing homes • Continue to offer heat pump municipal top-ups • Continue the installation of public EV charging stations based on the <i>Public Electric Vehicle Infrastructure Gap Analysis</i> completed in 2022 • Continue policy and program development to promote EV

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				charging in multi-unit residential (e.g., EV-Readiness Policy)
 <p>Adapt to a Changing Climate</p>	<p>Key performance indicators being developed through <i>Climate Resilient Kelowna Strategy</i> in 2023.</p>	NA	<ul style="list-style-type: none"> • Began development of new <i>Climate Resilient Kelowna Strategy</i> to guide community climate adaptation initiatives • Completed new <i>Community Wildfire Resilience Plan</i> • Launched FireSmart Community Chipping Pilot Program • Continued Mill Creek Flood Protection Project 	<ul style="list-style-type: none"> • Complete <i>Climate Resilient Kelowna Strategy</i> • Continue FireSmart Community Chipping Program • Continue Mill Creek Flood Protection Project • Explore resilient roof space policy options
 <p>Protect & Restore Natural Areas</p>	<p>Urban Forestry Canopy: canopy targets of:</p> <ul style="list-style-type: none"> • 12 per cent within the Urban Centres; • 20 per cent within the Core Area; and • 25 per cent for the rest of the City (Gateway, Suburban Neighbourhoods and Rural Lands combined). <p>(Note: As part of the <i>Sustainable Urban Forest Strategy</i> update, these targets are being reviewed to see if further refinements are needed</p>	<p>Current canopy coverage is being calculated through the <i>Sustainable Urban Forestry Strategy</i> using data sets that are currently available.</p> <p>Indicators will be reported on approximately every five years as data is available (e.g., as new LiDAR is flown).</p>	<ul style="list-style-type: none"> • Began development of new <i>Sustainable Urban Forestry Strategy</i> • Collaborating with RDCO to complete an updated Sensitive Ecosystem Inventory (SEI) • Continued implementation of NeighbourWoods Program 	<ul style="list-style-type: none"> • Complete <i>Sustainable Urban Forestry Strategy</i> • Continue NeighbourWoods Program • LiDAR assessment and analysis for key environmental indicators

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	(e.g., should targets be adopted for each growth strategy district) and how they align to the natural carrying capacity of the region.)			
 <p data-bbox="216 656 338 756">Shift to a Circular Economy</p>	<p data-bbox="373 464 711 704">Waste Disposal: average municipal solid waste disposal rate of 600 kilograms per capita by 2022 (regional target through RDCO <i>Solid Waste Management Plan</i>).</p> <p data-bbox="373 748 711 919">Waste Diversion: waste diversion rate of 50 per cent by 2022 (regional target through RDCO <i>Solid Waste Management Plan</i>).</p>	<p data-bbox="732 464 993 721">Waste Disposal: 2020 – 639 kilograms per capita for the RDCO (2021 and 2022 numbers will be calculated later in 2023)</p> <p data-bbox="732 764 993 1138">Waste Diversion: the metric is not calculated/tracked by the RDCO (approximately 29.5 per cent recovery at the landfill in 2022, but this does not include the regional Blue Box Program)</p>	<ul data-bbox="1014 464 1394 911" style="list-style-type: none"> <li data-bbox="1014 464 1394 570">• Hired a two-year term Agricultural Planner in Development Planning <li data-bbox="1014 594 1394 781">• Joined the Canadian Circular Cities and Regions Initiative (CCRI) Peer-to-Peer Network to understand circular opportunities <li data-bbox="1014 805 1394 911">• Initiated a Construction & Demolition Debris Study in partnership with the RDCO 	<ul data-bbox="1436 464 1871 675" style="list-style-type: none"> <li data-bbox="1436 464 1871 529">• Determine 'circular' opportunities through the CCRI Program <li data-bbox="1436 553 1871 586">• Complete CDD Study <li data-bbox="1436 610 1871 675">• Complete deconstruction of City-owned homes