

BOLD MOVE 1: Address Critical Climate Risks with and for the Community		
ID	SUMMARY	DETAILS
1.1	Restrict densification in flood and geohazard areas	Establish a flood and geohazard Development Permit Area (DPA) based on the Maple Ridge Flood Hazard Assessment (2024) to restrict new development and densification within identified flood and geohazard areas. Integrate nature-based solutions to flood hazard mitigation.
1.2	Prevent erosion and flooding in high-risk areas	Maintain and enhance flood/erosion protection in higher risk areas, including maintaining and restoring healthy riparian areas with a high vegetation cover.
1.3	Enhance cooling features in public spaces, parks and along roads	Install shading, urban greening solutions, water fountains and bottle filling stations in urban land use areas, parks, areas with high traffic, limited greenspace, and higher heat exposure to promote cooling and safe recreation. Prioritize planting of trees along key active transportation routes to/from key heat respite sites (e.g., cooling centres, beaches, parks) to develop shaded, thermally comfortable corridors.
1.4	Protect residents from extreme heat events	Prioritize extreme heat management initiatives in neighbourhoods and building types that are most vulnerable to overheating (e.g. targeted education and emergency event outreach and response protocols, subsidized tree programs in vulnerable areas and for vulnerable residents).
1.5	Expand park and greenspace areas	Seek out opportunities to acquire and expand park land in areas with limited greenspace to enhance access to nature, support natural flood mitigation, and reduce urban heat island effects.

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1.6	Manage climate impacts on stormwater and wastewater systems	Ensure climate considerations are included in implementation of the City's Integrated Stormwater Management Plans (ISMPs), and report to the public on progress made. Maintain a focus on stormwater management to proactively identify inflow and infiltration (I&I) risks, and undertake targeted system upgrades, inspections, maintenance, and communication with residents to reduce the volume of groundwater and rainwater entering the sanitary sewage collection system.
1.7	Mitigate wildfire risks	Undertake forest and wildfire risk assessment that builds on regional multi-hazard mapping (in 2024) to inform future updates of the Community Wildfire Protection Plan.
1.8	Demonstrate health benefits of climate actions	Partner with academic institutions, health authorities, and other organizations to develop, support, and showcase pilot projects, case studies, and research demonstrating the health, safety, and well-being benefits of cooling, flood and wildfire management strategies.
1.9	Partner to help people get to cooling centres and parks in heat events	Coordinate or partner with regional transportation providers, or the Province to offer free or low-cost transportation options for residents to access cooling centers and parks (e.g., school buses, private buses, neighborhood carpools, mobile cooling centers).
1.10	Improve resources that support the community to make pro-climate choices	Collaborate with community groups, health authorities, regional bodies, and local First Nations to expand outreach and education efforts that to strengthen household decarbonization and resilience and help residents identify existing support resources in their community.
1.11	Help residents prepare for climate challenges	Host or partner on existing workshops to build awareness and preparedness (e.g., DIY air filtration, health resilience).

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1.12	Promote sustainable water use	Work with regional bodies and local groups to deliver educational or incentive programs to promote sustainable water use (and reuse) and encourage behavioural change. These programs could include a golden (or ugliest) lawn incentive program and educational programs about new planting care, less water-intensive landscaping, or water reuse.
1.13	Encourage the Province to upgrade dikes	Advocate to the Province to investigate and upgrade dikes that protect the City to meet provincial standards for seismic stability and flood levels under future climate conditions.
1.14	Encourage provincial agencies to fund air conditioners	Advocate to BC Hydro, Fraser Health and other public organizations for publicly funded portable air conditioner distribution programs target medically vulnerable and low-income individuals.
1.15	Support rule changes that help renters stay cool	Advocate to the Province to incorporate resilience measures into the B.C. Building Code and amend the B.C. Residential Tenancy Act to include a "right to cool," enabling renters to implement minor or moderate cooling upgrades, such as installing fans, window-mounted air conditioners, or shades, to enhance climate resilience and tenant well-being.
1.16	Push for investments to protect integrity of dams	Work with BC Hydro to ensure measures in place for the Alouette, Stave Falls and Ruskin dams remain resilient to climate hazards and future conditions, and where possible mitigate downstream bankfull and erosion impacts from dam releases.

BOLD MOVE 2: Enhance City Infrastructure, Natural Assets, and Services for Climate Readiness

ID	SUMMARY	DETAILS
2.1	Phase out fossil fuel vehicles in the City fleet	Build a lower-carbon municipal fleet by assessing current vehicles and developing a 15-year implementation plan to phase out fossil-fuel combustion vehicles. Part of this plan could include adopting a 'Low Carbon First' policy that prioritizes electric, hybrid, or zero-emission vehicle purchases unless cost-prohibitive, and purchasing pilot electric or alternative-fuel vehicles to transition to zero-emission options by 2030 where available.
2.2	Incorporate climate focus in city asset and infrastructure investments	Integrate the outcomes of the Climate Action Plan and Corporate Climate Action Plan into capital planning decisions and asset management and renewal, including considering site risk factors, resilience deficiencies, and critical decarbonization opportunities that may necessitate proactive renewal. Review Procurement Policy to maintain a focus on material selection and whole life carbon in procurement for infrastructure and capital projects.
2.3	Prioritize use of climate resistant and native species of plants and trees	Establish a recommended vegetation species list for plantings in municipal, residential and commercial projects, with input from First Nations and considering the species that are commercially available, to prioritize the use of more climate resilient and native species in parks, boulevards, stormwater management.
2.4	Ensure continuity of city services during emergencies	As part of Business Continuity Program development, establish a staffing redundancy and/or cross-training program to support municipal service continuity during catastrophic events that may cause major transportation barriers and make it difficult for critical staff to reach key facilities.
2.5	Ensure city decision making considers climate risks	Incorporate a climate-ready, low-carbon resilience lens into City decision making including, policies and plans as they are updated (e.g., Official Community Plan, land use planning).

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2.6	Better manage emissions and peak demand on water systems	Develop local strategies to improve resilience and reduce emissions from local water operations, water- meters (e.g., taking into account increased peak demand during heat waves, investigating opportunities for non-potable water use, and reviewing fire flow requirements at forest interface locations).
2.7	Assess city facilities to prevent climate risks	Carry out an assessment of existing civic facilities (including historic buildings, emergency operations centres) to identify highest priorities for climate action-focused updates (e.g. to address critical risks/deficiencies, serve as clean air shelters or cooling centres, or address decarbonization priorities).
2.8	Set low carbon standards for municipal projects	Establish standards for new and retrofit municipal projects to encourage lower-carbon design and technologies (e.g., zero emissions, water meters), leverage passive strategies (e.g., operable windows with good cross-flow ventilation, external shading), enhance resilience to climate hazards (e.g. backup power), prioritize water conservation (e.g., low-flow fixtures), integrate the use of trees and vegetation, and take a resilient low-carbon approach to procurement for new and retrofit municipal projects.
2.9	Create a corporate climate action plan	Create a Maple Ridge Corporate Climate Action Plan that establishes the path towards low-carbon resilient City operations.
2.10	Promote pilot demonstration projects	Identify one or two key buildings that could serve as pilot demonstration projects to showcase new technology and innovative industry approaches.
2.11	Benchmark and publish city energy use	Expand on the existing benchmarking study of 12 city-owned facilities to benchmark the energy use of all municipal facilities annually and publish results online.
2.12	Monitor climate impact data for city decision making	Enhance data collection and monitoring for climate impacts in Maple Ridge to inform City maintenance, capital planning, and response.

BOLD MOVE 3: Encourage Zero Carbon and High Efficiency Buildings

ID	SUMMARY	DETAILS
3.1	Implement Zero Carbon Step Code	Implement the Zero Carbon Step Code for Part 3 and Part 9 buildings to meet Strong Carbon Performance (EL-3) by July 1, 2025 and Zero Carbon Performance (EL-4) by September 1, 2026).
3.2	Provide a Green Building Guide	Collaborate with neighbouring municipalities, builders, and developers to develop a Green Building Renovation Guide and associated incentives for more climate-ready homes.
3.3	Increase use of low carbon and electricity options in buildings	Update the City's rezoning requirements and bylaws to accelerate resilient buildings through electrification, decarbonization and other initiatives (e.g., incentives for energy or resilience performance above requirements; floor area ratio bonuses; height and overhang exemptions for thicker insulation and renewable energy generation; streamlined permitting).
3.4	Create a strategy for retrofits of existing buildings	Develop a building retrofit strategy that focuses on strategies to accelerate resilient building electrification in Part 9 and Part 3 buildings, as well as other building decarbonization and resilience initiatives such as passive design strategies, nature-based approaches, and climate risk mitigation.
3.5	Support training for building professionals	Identify training needs and develop targeted training programs for community stakeholders, such as trades professionals (e.g., HVAC technicians, electricians, plumbers), builders and developers, and property managers and owners, to support high-efficiency heat pump and renewable system installation.
3.6	Support residents to access resources for retrofits and new installations	Build community awareness of, and access to, retrofit resources and related funding opportunities (e.g., hosting workshops on heat pumps, exterior shading, passive ventilation, water meters, flood/drought resilient and FireSmart landscaping, resilient renewable energy systems).
3.7	Consider tax exemptions	Explore Revitalization Tax Exemptions (RTEs) for buildings that implement energy efficiency or carbon reduction measures.

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3.8	Prepare for new Provincial standards for buildings	Prepare for energy benchmarking and building performance standards from other levels of government (e.g., by hosting workshops or training sessions for staff, reviewing current building data and energy use, identifying resources needed to comply, collaborating with other municipalities to share strategies and insights).
3.9	Encourage use of incentive and rebate programs	Communicate existing incentives or top-ups to existing and new funding programs such as NRCan's Greener Homes, BC Hydro programs (e.g., MURB program), CleanBC, Province of BC's low income qualified rebate program.
3.10	Promote low carbon retrofit options	Partner with Metro Vancouver to develop resources with consistent and complementary messaging to assist homeowners, tenants, stratas, and business owners with low-carbon resilient retrofits.
3.11	Support new Provincial efficiency standards	Advocate to the Province to support early implementation of Highest Equipment Efficiency Standard (HEES) for both private and public sector buildings and explore opportunities for early adoption.
3.12	Support local businesses supplying high efficiency equipment	Work with local industries to identify local suppliers/installers of high efficiency heat pump systems and renewable systems (solar).
3.13	Promote adoption of heat pumps	Work with regional and provincial bodies and local experts to develop a standardized scope of work description for conversions to heat pump-based systems for the most common building types in Maple Ridge. Explore options to remove financial barriers to heat pump installations.

BOLD MOVE 4: Foster Sustainable and Active Transportation Choices

ID	SUMMARY	DETAILS
4.1	Create more opportunities for walking, cycling and transit	In accordance with current City planning documents, concentrate growth and density along the Lougheed Transit Corridor and within the Town Centre to create opportunities to walk, cycle, and use transit.
4.2	Deliver on 55 actions in transportation plan and renew in 2030	Implement the 55 actions in the Strategic Transportation Plan, to ensure climate considerations are embedded in the actions. Monitor and report on progress and update the Plan in 2030 to maintain a focus on actions that support active and sustainable transportation choices.
4.3	Increase access to micro-mobility and cycling options	Improve access to and use of E-bikes and E-scooters, potentially through the use bike/scooter sharing programs and improvements to the micro-mobility and cycling network
4.4	Push for more public transit options and use	Advocate to the Province and TransLink to enhance public transportation use and access (e.g., expanding routes, frequency, and access to transit pass programs and discounts to reach those in need)
4.5	Push use of lower carbon options for trucks and heavy duty vehicles	Advocate for regional and provincial programs, policies, incentives, and requirements related to zero-emissions solutions for medium- and heavy-duty vehicles.
4.6	Advocate for incentives for lower carbon vehicles	Support adoption of lower carbon vehicles and alternative fuels through advocacy for incentives and removing any barriers in policy or legislation (e.g., EV and EV charging incentives, hydrogen).

BOLD MOVE 5: Support Low Carbon Economy & Agriculture

ID	SUMMARY	DETAILS
5.1	Update planning to support local farmers	Incorporate low-carbon resilience considerations into future updates to the Agricultural Plan to help local farmers and other stakeholders anticipate, plan for, and increase resilience to climate change in the local food system.
5.2	Attract and support greener businesses	Undertake economic development initiatives to create the conditions to attract green businesses and that support businesses to reduce their environmental footprint and innovate (e.g., commercial EV charging hub). Update economic development strategies and initiatives to attract and retain businesses that create opportunities for a zero-carbon resilient future in Maple Ridge.
5.3	Increase use of existing incentive programs for businesses	Promote existing green business incentive and certification programs for low-carbon resilient solutions, including but not limited to electrification, renewable energy, biofuels, or green infrastructure in the commercial, industrial, and agriculture sector.
5.4	Share best practices among businesses	Establish a working group or workshop series to share knowledge and best practices for addressing climate risks and reducing emissions or embodied carbon.
5.5	Support carbon sequestration projects on agricultural land	Investigate options to build awareness and establish carbon sequestration partnerships with agricultural property owners in Maple Ridge.
5.6	Encourage sustainable use of water in agriculture operations	Advocate to the Province to tie water licenses and subsidies to water-wise agricultural practices (e.g., use of drip irrigation, on-site reservoirs, etc.).
5.7	Investigate creating a farm incubator program	Collaborate with neighbouring communities to investigate the feasibility of a farm incubator program to support new farmers and active use of available agricultural lands.
5.8	Improve waste management for commercial users	Collaborate with waste haulers to increase access of commercial, institutional, and industrial properties to organics and recycling disposal options, through mandates on property owners or other measures.