

CECAP QUARTERLY UPDATE: SEPT-DEC 2018

ACTION #	RECOMMENDED ACTION	TIMING	RMOW LEAD	Progress since last update	Action Status	Update
MITIGATION						
6.1 Mobile Energy Use – Transportation-based GHG Emissions						
6.1.1 Design Land Use for Location Efficient Living, Working and Playing						
6.1.1.1	Continued commitment to ensuring that Whistler is made up of increasingly complete and compact neighbourhoods.	Short	RMOW REX	Yes	Ongoing	• OCP First Reading given by Council.
6.1.1.2	Investigate raising the target for the number of employees, especially full-time employees, living locally (i.e. > than the current 75%)	Short	RMOW REX	Yes	Ongoing	• Cheakamus Crossing Master Plan development ongoing. Pubic Open House held October 1, 2018. Ongoing development of elligibility and affordability criteria associated with resident restricted housing (MTFH Reco #7).
6.1.1.3	Adhere to the Whistler Urban Development Containment Area (WUDCA) as a means of reducing automobile trip distances.	Short	RMOW REX	Yes	Ongoing	•OCP First Reading given by Council
6.1.1.4	Ensure that whenever possible, new development or significant redevelopment is concentrated in existing neighbourhoods or settled areas that are well-served by transit, pedestrian and cycling routes, amenities and services; and are characterized by increased residential density.	Short	RMOW REX	Yes	Ongoing	OCP First Reading given by Council
6.1.1.5	Explore opportunities to expand live-work use designations within existing zones where this inclusion would not have adverse impacts on the neighbourhood's character.	Short	RMOW REX	Yes	Ongoing	OCP First Reading given by Council
6.1.1.6	Proposals for significant new development or redevelopment should be required to quantify future GHG emissions and energy consumption impacts (including transportation-based) and incorporate measures to minimize and/or mitigate projected increases.	Short	RMOW REX	Yes	Ongoing	•OCP First Reading given by Council.
6.1.2 Advance Local and Regional Mass Transportation Service						

6.1.2.1	Work with regional passenger carriers and provincial regulatory bodies to encourage greater frequency and more affordable choices for regional bus travel	Short	RMOW IS	Unchanged	Ongoing	
6.1.2.2	Support the expansion, promotion and increased convenience of mass transportation services between Vancouver and Whistler	Short	RMOW IS	Yes	In Progress	<ul style="list-style-type: none"> • RMOW staff working closely with DoS, VoP, SLRD, MOTI and BC Transit to have the Sea-to-Sky Regional Transit system included in the 2019 Provincial budget.
6.1.2.3	Develop a public realm with improved multi-modal integration and comfortable, convenient transition areas – Bus Loop/taxi loop	Short	RMOW IS	Unchanged	Complete	
6.1.2.4	Advance a community-based social marketing research project to determine the key perceived barriers and benefits of increased use of mass transit transportation. Based on the associated results, develop and execute targeted community-based social marketing campaign and other relevant, practical solutions to increase use of mass transit	Short	RMOW IS	Unchanged	Not Initiated	
6.1.2.5	Advance all potential opportunities to avoid increases in local transit fares.	Short	RMOW IS	Unchanged	Complete	
6.1.2.6	Continue to pass the infrastructure, maintenance, congestion, environmental and land costs of road and parking infrastructure onto users.	Med	RMOW IS	Unchanged	Ongoing	
6.1.2.7	Optimize the road network and highway to prioritize the flow of high occupancy vehicles (HOVs).	Med	RMOW IS	Unchanged	In Progress	<ul style="list-style-type: none"> • RMOW comments on the Highway Capacity Study have just been sent back to MOTI.
6.1.2.8	Strategically expand transit system service levels and frequency where possible and affordable	Med	RMOW IS	Unchanged	Ongoing	<ul style="list-style-type: none"> • Some of the 2018/2019 transit expansion hours are being used to implement the 10x Valley Express service that essentially makes trips up and down Hwy 99 from Emerald to Function Junction / Cheakamus Crossing.
6.1.2.9	Explore and consider opportunities to link Whistler Blackcomb and other local business products with (discounted) local and regional mass transit passes.	Med	RMOW IS	Unchanged	Not Initiated	<ul style="list-style-type: none"> • No specific initiative led by RMOW staff at this time

6.1.2.10	Continue to encourage the provincial government and private sector to pursue the return of higher-volume, affordable and more frequent passenger rail service to Whistler.	Long	RMOW CAO	Unchanged	Not Initiated	• Current focus is on regional bus/coach transit.
6.1.2.11	Ensure that any potential investigation into new regional air service or a new airport facility includes a full assessment of the GHG emissions balance of the proposed project.	Long	RMOW CAO	Unchanged	Not Initiated	• No new regional air services are proposed at this time.
6.1.3 Activate Walking, Biking and other Forms of Healthy Transportation						
6.1.3.1	Prioritize the recommendations of and regularly update the Whistler Transportation Cycling Plan and the Whistler Recreational Cycling Plan in planning for the pedestrian and bicycle network.	Short	RMOW REX	Yes	In Progress	• Study is in progress.
6.1.3.2	Consider opportunities to permit the repurposing of existing village parking to other purposes to support preferred modes of transportation (i.e. bike parking, end of trip facilities)	Short	RMOW IS	Unchanged	Ongoing	• The underground bike parking will be better advertised and tested again in Spring / Summer 2019.
6.1.3.3	Advance a community-based social marketing research project to determine the key perceived barriers and benefits of increased use of active transportation. Built upon the findings of the research, develop and execute targeted community-based social marketing campaign and other practical relevant solutions to increase use of active transportation.	Short	RMOW IS	Unchanged	Not Initiated	• Same as 6.1.2.4.
6.1.3.4	Where opportunities exist, prioritize the optimization and enhancement of pedestrian infrastructure and safety throughout the community	Med	RMOW IS	Unchanged	Ongoing	• More crossing improvements planned for 2019.
6.1.4 Support Electrification, and the Adoption of other Low Carbon Transport Options						
6.1.4.1	Support the development of, and increased access to, reduced-carbon mobile fuel options such as natural gas, appropriate biofuels, and electrical charging stations across the community.	Short	RMOW CAO	Yes	Ongoing	• Expansion of Electric Vehicle Supply Equipment (EVSE) infrastructure at MPSC underway.
6.1.4.2	RMOW to aggressively advance the average fleet GHG and energy efficiency of the municipal vehicle fleet.	Short	RMOW IS	Unchanged	Ongoing	
6.1.4.3	Champion and support inter-community travel providers (including airlines) that are progressive leaders in energy and GHG innovation through preferred marketing relationships and other in-kind partnership opportunities	Short	RMOW CAO	Unchanged	Not Initiated	• No specific initiative led by RMOW staff at this time

6.1.4.4	Integrate electric vehicles into existing private and public fleets (transit/delivery/taxis/shuttles)	Med	RMOW CAO			
6.1.4.5	Support the use of 'appropriate' electric assist bicycles on Whistler's roads, and Valley Trail network, and support appropriate opportunities to increase secure storage and charging infrastructure in the Village.	Med	RMOW IS	Unchanged	Ongoing	E-bike Policy development underway - Project planning taking place through November 2018. Community engagement December through January.
6.1.4.6	Explore opportunities to structure local incentives to support electric vehicle use within and to/from Whistler. (i.e preferred or reduced parking fees for electric vehicles)	Med	RMOW CAO	Unchanged	Ongoing	
6.1.4.7	Profile ultra-low emission private vehicle fleets (hotels, commercial recreation, as appropriate).	Med	RMOW IS	Unchanged	Not Initiated	• No specific initiative led by RMOW staff at this time
6.1.4.8	Increase the enforcement of the Whistler anti-idling bylaw.	Med	RMOW CAO	Unchanged	Ongoing	
6.1.4.9	Invest in electric vehicle integration across municipal fleet	Med	RMOW IS	Unchanged	Ongoing	
6.1.4.10	Encourage local commercial recreation and leisure operators to minimize the GHG emissions associated with their activities.	Med	RMOW CAO	Unchanged	Ongoing	
6.1.4.11	Develop a social marketing initiative to drive the use and purchase of more efficient vehicles.	Long	RMOW CAO	Unchanged	Not Initiated	• No specific initiative led by RMOW staff at this time
6.1.4.12	Explore opportunities to effectively support and encourage the development of a new car coop/sharing program in Whistler, in addition to promoting ride-share and carpool programs.	Long	RMOW IS	Unchanged	Ongoing	
6.2 Stationary Energy Use – Buildings & Infrastructure GHG Emissions						
Existing Residential Buildings						
6.2.1.1	Continue to support and enhance the social marketing campaign to increase uptake of enhanced incentive programs and associated energy efficiency performance improvements.	Short	RMOW CAO	Yes	Ongoing	<ul style="list-style-type: none"> Expanded marketing, awareness and training programs associated with new Energy Step Code requirements in market now to support Jan 1st start date for Part 9 buildings. Launch of incentive co-funding for air-source heat pump retrofits (from natural gas) begins on Jan 1st. Currently promoting EfficiencyBC as the primary host of all related incentive information.
6.2.1.2	Support and encourage Energuide energy labeling on homes for sale	Short	RMOW CAO	Unchanged	Not Initiated	• The Building Department is not pursuing a "Home Energy Labelling" program at this time due to the resources and staff time required to implement such a program. Staff are focusing on the successful roll out of the ESC (Part 9) and the expansion of the program to include Part 3 buildings as 2019 priorities.
6.2.1.3	Expand the integration of climate change, energy efficiency and water conservation literacy into school programs and curriculum	Short	RMOW CAO			

6.2.1.4	Profile a deep energy retrofit as an example of what can be done to promote energy efficient retrofits in existing homes	Short	RMOW CAO	Unchanged	Not Initiated	
6.2.1.5	Continue to optimize performance outcomes of the Cheakamus Crossing DES and apply learning to future projects	Short	RMOW IS	Unchanged	In Progress	• A review of DES operation and rates will be initiated in late 2018.
6.2.1.6	Advance opportunities to reduce the direct heating of outdoor areas (i.e. heated driveways, heated stairs, patio heaters, outdoor gas fireplaces).	Long	RMOW CAO	Unchanged	Ongoing	• OCP adoption delayed until 2019.
6.2.1.7	Encourage existing multi-tenant or multi-owner residential buildings to maintain or add individually metered energy consumption for individual properties (i.e. encourage user-pays principle)	Long	RMOW CAO	Unchanged	Not Initiated	• No specific initiative led by RMOW staff at this time
Existing Commercial Buildings and Infrastructure						
6.2.1.8	Actively investigate the development of new district energy system for Whistler Village that increases energy efficiency, increases the share of energy production from renewable sources, reduces operating costs and decreases GHG emissions.	Short	RMOW CAO	Unchanged	Not Initiated	• No specific initiative led by RMOW staff at this time
6.2.1.9	Develop and implement a social marketing campaign with incentives to increase audits, uptake of incentive programs and associated energy efficiency performance improvements.	Short	RMOW CAO	Unchanged	Not Initiated	• No specific initiative led by RMOW staff at this time • See 6.2.1.1 for residential sector initiatives
6.2.1.10	Support and improve staff training on energy efficiency practices across hotel operations (start-up practices etc...)	Short	RMOW CAO	Unchanged	Not Initiated	• No specific initiative led by RMOW staff at this time
6.2.1.11	Advance a system of voluntary and mandatory energy benchmark reporting across Whistler's large energy consumers (leverage NRCAN Portfolio Manager updates into Canada).	Short	RMOW CAO	Unchanged	Not Initiated	• No specific initiative led by RMOW staff at this time
6.2.1.12	Promote increased awareness of Energy Performance Contracting and other energy efficiency opportunities for commercial sector properties.	Short	RMOW CAO	Unchanged	Not Initiated	• No specific initiative led by RMOW staff at this time
6.2.1.13	Support the reestablishment of the former Whistler Facility Managers Association (WFMA)	Short	RMOW CAO	Unchanged	Not Initiated	

6.2.1.14	Encourage approaches that reduce the direct heating of outdoor areas such as through open shop doors, patio heaters and heated driveways (i.e. explore the potential to create and enforce a closed door - energy waste bylaw in commercial and retail zones).	Med	RMOW CAO	Unchanged	Not Initiated	• OCP adoption delayed until 2019.
6.2.1.15	Encourage existing multi-tenant or multi-owner commercial buildings to maintain or add individually metered energy use (i.e. encourage user-pays principle)	Med	RMOW CAO	Unchanged	Not Initiated	• No specific initiative led by RMOW staff at this time
6.2.1.16	Catalogue and develop strategies for maximizing the re-use of waste heat resources across the resort community.	Med	RMOW CAO	Unchanged	Not Initiated	• No specific initiative led by RMOW staff at this time
6.2.2 Ensure the Most Energy Efficient and Comfortable New Buildings and Infrastructure as Possible						
New Residential Buildings						
6.2.2.1	Support the trades, sub-trades, developers and building community with programs and initiatives designed to increase the uptake of energy efficient residential building designs, programs and technologies in Whistler.	Short	RMOW CAO	Yes	Ongoing	<ul style="list-style-type: none"> Expanded marketing, awareness and training programs associated with new Energy Step Code requirements in market now to support Jan 1st start date for Part 9 buildings. Builder/designer/developer training session mid Nov (hosted by Building Department). There were 10 staff members (that rotated throughout the event) and 65+ members of the public in attendance from: BC Housing, Whistler Housing Authority, and local Designers, Architects, Builders and Engineers.
6.2.2.2	Streamline the development of passive house-certified, and net-zero residential buildings using tools such as accelerated permit processing.	Short	RMOW REX	Unchanged	Ongoing	
6.2.2.3	Explore the feasibility for requiring energy modeling for new residential buildings and significant renovations at building permit phase.	Med	RMOW REX	Yes	Ongoing	
6.2.2.4	Maintain and update the RMOW Green Building Policy to require higher energy performance standards during rezoning for new residential buildings	Long	RMOW CAO	Unchanged	Ongoing	
6.2.2.5	Encourage new multi-tenant or multi-owner residential buildings to have individually metered energy use (i.e. encourage user-pays principle)	Long	RMOW CAO	Unchanged	Not Initiated	• No specific initiative led by RMOW staff at this time

Existing Commercial Buildings and Infrastructure						
6.2.2.6	Designate Whistler Village as a District Energy Investigation Area to encourage flexible building systems for future potential DES connectivity.	Short	RMOW REX	Yes	Ongoing	• OCP First Reading given by Council.
6.2.2.7	Streamline the development of certified high-performance commercial buildings and/or significant renovations using tools such as accelerated permit processing	Short	RMOW CAO	Unchanged	Not Initiated	• Integration of Energy Step Code requirements for Part 3 Buildings (complex buildings) will be considered by staff in 2019 • No specific initiative led by RMOW staff at this time
6.2.2.8	Explore the feasibility of requiring energy modeling for new commercial buildings and significant renovations at building permit phase.	Med	RMOW REX	Unchanged	Not Initiated	
6.2.2.9	Support the trades, sub-trades, developers and building community with programs and initiatives designed to increase the uptake of energy efficient commercial building designs, programs and technologies in Whistler.	Med	RMOW CAO	Unchanged	Not Initiated	• ESC regulations for Part 3 buildings to be considered by staff/community/Council in 2019.
6.2.2.10	Maintain and update the RMOW Green Building Policy to modernize the framework and ensure that opportunities to increase energy performance outcomes are identified and leveraged during permit approval and rezoning processes (commercial, institutional and residential)	Long	RMOW CAO	Unchanged	Ongoing	
6.2.2.11	Encourage new multi-tenant or multi-owner commercial buildings to have individually metered energy use (i.e. encourage user-pays principle)	Long	RMOW CAO	Unchanged	Not Initiated	•No specific initiative led by RMOW staff at this time
6.3 Renewable Energy and Energy Supply Alternatives						
6.3.1.1	Encourage the use and fair commodity pricing of 'renewable' natural gas.	Short	RMOW CAO	Unchanged	Not Initiated	•No specific initiative led by RMOW staff at this time
6.3.1.2	Investigate and advance opportunities to incent electric heat pump systems to replace existing gas/propane/basic electric heating systems	Short	RMOW CAO	Yes	Ongoing	• Launch of incentive co-funding for air-source heat pump retrofits (from natural gas) begins on Jan 1st. Currently promoting EfficiencyBC as the primary host of all related incentive information.
6.3.1.3	Evaluate the potential for including support for local renewable energy installations within future energy and/or climate related community-based social marketing campaigns.	Short	RMOW CAO	Unchanged	Not Initiated	•No specific initiative led by RMOW staff at this time
6.3.1.4	Support provincial building code extensions and other tools that maximize the extent that local building regulation can require or support renewable energy systems in local development and construction.	Short	RMOW CAO	Unchanged	Ongoing	
6.3.1.5	Develop a Renewable Energy Strategy to move Whistler toward the new 100% renewable energy target	Med	RMOW CAO	Unchanged	Not Initiated	•No specific initiative led by RMOW staff at this time
6.3.1.6	Undertake a research study to evaluate the best opportunities for developing and expanding renewable energy production in Whistler.	Med	RMOW CAO	Unchanged	Not Initiated	•No specific initiative led by RMOW staff at this time

6.3.1.7	Develop and/or expand renewable energy pilot installations on appropriate municipal buildings and facilities.	Med	RMOW CAO	Unchanged	Not Initiated	•No specific initiative led by RMOW staff at this time
Encourage the Addition of Responsible, Regional Renewables						
6.3.2.1	Support local and regional renewable electricity production opportunities that include a careful assessment of potential negative impacts on ecosystem function, air quality, community character and visual aesthetics.	Short	RMOW CAO	Unchanged	Not Initiated	•No specific initiative led by RMOW staff at this time
6.3.2.2	Partner with utilities to provide feedback on the Integrated Resource Plans, and advocate for the inclusion of renewable energy provisions.	Med	RMOW CAO	Unchanged	Not Initiated	
6.4 Solid Waste System-based GHG Emissions						
6.4.1 Materials Minimization and Diversion						
6.4.1.1	Support the implementation of a strong SLRD Solid Waste Management Plan - with strong targets and actions, regional collaboration, and continued avoidance of waste/garbage incineration as part of the Plan.	Short	RMOW IS	Unchanged	Ongoing	
6.4.1.2	Support the expansion of local compost diversion programs (marketing, education, pricing, infrastructure, etc...)	Short	RMOW IS	Unchanged	Ongoing	
6.4.1.3	Evaluate opportunities to require new development or significant redevelopment to incorporate meaningful measures to minimize solid waste during design and construction, deconstruct rather than demolish, and encourage alternative and evolving methods of waste diversion during building operation.	Short	RMOW REX	Unchanged	Not Initiated	•No specific initiative led by RMOW staff at this time
6.4.1.4	Continue moving towards the Zero Waste goal endorsed in 2005 and update the municipal solid waste strategy to advance zero-waste goals, planning and actions.	Med	RMOW IS	Yes	In Progress	• First "think tank" meeting of Zero Waste Group happened in October. Terms of Reference for the Zero Waste Committee are currently being developed.
6.4.1.5	Support and promote the increased use of the Sustainable Events Guide and monitor performance outcomes for all key events.	Med	RMOW REX	Yes	Ongoing	
6.4.1.6	Evaluate and support implementation of efficient and convenient methods of collecting solid waste, recyclables and compost for people utilizing preferred methods of transportation.	Med	RMOW IS	Unchanged	Complete	
6.4.1.7	Encourage the private sector to develop and/or participate in innovative, cost-effective and environmentally sustainable solid waste and recycling programs in support of achieving our Zero Waste goal.	Med	RMOW IS	Yes	In Progress	• See 6.4.1.1.

6.4.1.8	Implement standardized SLRD signage across Whistler to improve recycling and composting rates.	Med	RMOW IS	Unchanged	In Progress	
6.4.2 Reduce Upstream Emissions from Goods and Services						
6.4.2.1	Support the creation of a 'sharing economy' working group to explore the best opportunities for sharing locally available skills and equipment as a means of increasing affordability, reducing new consumption and decreasing local waste production	Short	RMOW IS	Unchanged	Not Initiated	• May be included as part of the Zero Waste Committee.
6.4.2.2	Encourage the use of the Re-Build-It Centre and Re-Use it Centre for the reuse of building materials, products and to support community services.	Short	RMOW IS	Unchanged	Complete	
6.4.2.3	Promote opportunities for education and learning related to food production and associated GHG and environmental impacts	Short				Squamish Lilloett Food Project underway with representation from Sea to Sky corridor.
6.4.2.4	Promote and facilitate opportunities to shorten food supply chains and that support less GHG intensive food growing and menu choices	Short				
6.5 Enabling Energy Reduction and Climate Change Mitigation						
6.5.1 Ensure Adequate Governance and Funding for ongoing Climate Action progress						
6.5.1.1	Create a 'Climate Leadership Committee' as a standing committee of Council	Short	RMOW CAO	Unchanged	Not Initiated	
6.5.1.2	Investigate and advance opportunities to fund expanded local energy efficiency incentive programs with the annual RMOW corporate carbon tax rebate (CARIP)	Short	RMOW CAO	Yes	Ongoing	• Launch of incentive co-funding for air-source heat pump retrofits (from natural gas) begins on Jan 1st. Currently promoting EfficiencyBC as the primary host of all related incentive information.
6.5.1.3	Create a Climate Action Coordinator position on municipal staff to lead the coordination and implementation of this CECAP and related energy and climate management responsibilities at the RMOW.	Short	RMOW CAO	Unchanged	In Progress	• Awaiting word from FCM re: application status. Follow-up planned for Dec 15.
6.5.1.4	Review and consider the implementation of a FortisBC franchise fee and dedicate the incremental funds to EE programs	Short	RMOW CAO	Unchanged	Not Initiated	
6.5.1.5	Consider use of cash-in-lieu parking fees for improvement of pedestrian, cycling, and transit infrastructure.	Short	RMOW IS	Unchanged	Ongoing	
6.5.2 Actively Work With Other Levels of Government to Advance Shared Climate Goals						
6.5.2.1	Lobby the Provincial government for further systematic increases in the BC Carbon Tax, and for a shift toward VKT-based car insurance structures (vehicle-kilometers-travelled-based)	Short	RMOW CAO	Unchanged	Ongoing	

6.5.2.2	Lobby the Provincial government for further systematic improvements to the BC Building Code that focus on building envelopes and energy efficiency.	Short	RMOW CAO	Unchanged	Ongoing	
6.5.2.3	Lobby senior governments to encourage increased energy and GHG innovation in the automotive and aviation sectors.	Short	RMOW CAO	Unchanged	Not Initiated	
6.5.2.4	Increase collaboration with neighbouring S2S communities and the SLRD on climate-related issues.	Short	RMOW CAO	Unchanged	Not Initiated	
6.5.2.5	Work with other groups and jurisdictions (i.e. BC Mayors Climate Leadership Council, City of Vancouver and other leading communities) toward advancing Whistler's 100% renewable energy goals.	Med	RMOW CAO	Unchanged	Not Initiated	
6.5.3 Support High Quality, Third-Party Verified Local Offset Products						
6.5.3.1	Encourage local organizations to support local carbon reduction projects like the Cheakamus Community Forest offset project.	Short	RMOW CAO	Unchanged	Ongoing	
	Encourage local accommodation providers and booking companies to provide options for purchasing local offset products.	Short	RMOW CAO	Unchanged	Not Initiated	
6.5.3.3	Continue to meet municipal carbon neutral commitments through the purchase of locally and regionally sourced high quality, externally verified offset products (i.e. Cheakamus Community Forest)	Short	RMOW CAO	Unchanged	Ongoing	
ADAPTATION						
8.5.1 Minimize Wildfire Threats						
8.5.1.1	Continue to implement the Community Wildfire Protection Plan, including emphasis on public education and engagement.	Short	RMOW CCS / CAO	Yes	Ongoing	• Full update to Council provided on Nov 20th.
8.5.1.2	Prioritize the implementation of the landscape-level wildfire management plan for the Cheakamus Community Forest area.	Short	RMOW CAO	Yes	Ongoing	• Full update to Council provided on Nov 20th.
8.5.1.3	Increase municipal and collaborative efforts around wildfire prevention with key corridor partners (i.e. MFLNRO, Sea to Sky fire rescue services, SLRD, Vancouver Coastal Health).	Short	RMOW CCS	Yes	Ongoing	• Full update to Council provided on Nov 20th.

8.5.1.4	Continue to review and update pre-incident and emergency response plans and communication protocols for wildfire situations.	Short	RMOW IS	Unchanged	Ongoing	
8.5.1.5	Develop private property wildfire risk reduction guidelines and implement through municipal policy and/or procedures.	Short	RMOW CCS	Yes	Ongoing	<ul style="list-style-type: none"> Wildfire protection DPA developed and integrated into updated OCP. OCP adoption planned for 2019.
8.5.1.6	Review existing and consider more restrictive campfire and backyard fire bans and increase the enforcement of fire bans and ticketing/fines for offenses during high fire risk periods.	Short	RMOW CCS	Yes	Ongoing	<ul style="list-style-type: none"> Fire bylaw being advanced, and will be presented to Council in Q1, 2019.
8.5.1.7	Consider creating Development Permit Areas for wildfire protection.	Short	RMOW REX	Yes	Complete	<ul style="list-style-type: none"> Wildfire DPA included in OCP.
8.5.1.8	Lobby Provincial and Federal governments to increase funding for community and landscape level wildfire fuel reduction and response.	Med	RMOW CCS	Yes	Ongoing	<ul style="list-style-type: none"> New funding structure launched (CRIP) by Province in Q3 of 2018, RMOW is actively pursuing applications to the new program; Municipal staff and councillors discussed funding needs with various ministers at UBCM conference.
8.5.1.9	Encourage private operators to implement wildfire prevention best practices for outdoor tourism and recreation facilities, particularly in and around high-risk interface areas.	Med		Unchanged	Not Initiated	<ul style="list-style-type: none"> No specific initiative led by RMOW staff at this time
8.5.1.10	Enhance collaborative efforts with regional partners to prevent and respond to wildfires (i.e. MFLNRO, Sea to Sky fire rescue services, SLRD, Vancouver Coastal Health).	Long	RMOW CCS	Yes	In Progress	<ul style="list-style-type: none"> Sea to Sky Multimodal Evacuation Plan Guidance Document is complete in draft form and under review by Steering Committee which includes SLRD, DOS, VOP, Squamish Nation, Lil'wat Nation, WFRS, RCMP, MOTI, BC Transit, Whistler Transit, BC Wildfire Service, Canadian Red Cross Society, EMBC. Operational component is 50% complete with expected completion of draft by Dec. 31, 2018. Inter-agency communications working group established and grant put in to Province to fund a digital repeater all agencies can talk on
8.5.1.11	Lobby the Province to incorporate FireSmart principles into the BC Building Code.	Long	RMOW CCS	Unchanged	Not Initiated	<ul style="list-style-type: none"> No specific initiative led by RMOW staff at this time
8.5.2 Minimize Congestion on Highway 99						
8.5.2.1	Facilitate, develop and promote alternative and mass transportation options to and from Whistler.	Short	RMOW IS	Yes	In Progress	<ul style="list-style-type: none"> RMOW staff working closely with DoS, VoP, SLRD, MOTI and BC Transit to have the Sea-to-Sky Regional Transit system included in the 2019 Provincial budget.
8.5.3 Minimize Damage from Heavy Rain Events						
8.5.3.1	Continue to conduct annual assessments of significant waterways to identify and mitigate high risk flood locations while respecting in-stream and riparian habitat regulations.	Short	RMOW IS	Unchanged	In Progress	<ul style="list-style-type: none"> KWL Engineering has nearly completed the first phase of the risk assessment for the Whistler valley.

8.5.3.2	Complete and implement a comprehensive update of the Whistler Integrated Storm water Management Plan (ISMP) that accounts for future climate change and related hydrologic changes within the lifespan of all existing and new infrastructure, buildings and developments. The ISMP should include key components of leading best practices in storm water management planning and risk assessment.	Med	RMOW IS	Unchanged	In Progress	
8.5.3.3	Complete and/or update floodplain mapping for all significant Whistler watersheds. Amend zoning and/or policies as needed to reflect adequate flood protection measures.	Med	RMOW IS	Unchanged	In Progress	
8.5.3.4	Follow changes in risk-based insurance premiums and overland flood insurance and adapt as needed to changing context and regulations.	Med	RMOW IS	Unchanged	In Progress	
8.5.3.5	Review and adapt as appropriate emergency planning protocols for extreme weather occurrences and related impacts, in consideration of projected climate changes.	Med	RMOW IS	Unchanged	Ongoing	
8.5.3.6	Improve the design and maintenance of current and future outdoor recreation assets to better absorb heavy rain events (i.e. trails, roads and other activity infrastructure).	Med	RMOW REX	Unchanged	Ongoing	
8.5.3.7	Consider improvements to signs and lighting for Highway 99 and municipal bridges with respect to weather and flooding alerts. Explore new or additional tools for monitoring at-risk areas.	Med	RMOW IS	Unchanged	Not Initiated	•No specific initiative led by RMOW staff at this time
8.5.3.8	Update relevant policies and plans aimed at protecting Whistler's potable water supply from contamination (i.e. 21 Mile Watershed Protection Plan and Groundwater Protection Plan) to consider additional potential impacts related to projected local climate changes.	Long	RMOW IS	Unchanged	Ongoing	
8.5.3.9	Explore opportunities to improve sediment and erosion control requirements during development and construction.	Long	RMOW IS	Unchanged	Ongoing	

8.5.3.10	Join the UN campaign "My City's Getting Ready!"	Long	RMOW REX	Unchanged	Not Initiated	•No specific initiative led by RMOW staff at this time
8.5.4 Ensure Adequate Water Supply						
8.5.4.1	Continue to update and prioritize implementation of the Comprehensive Water Conservation and Supply Plan focused on municipal conservation and infrastructure improvements, in addition to relevant regulations, policies and enforcement. The plan should be updated as needed to include or consider best practices in water conservation and supply management.	Short	RMOW IS	Unchanged	In Progress	
8.5.4.2	Enhance public engagement, communications and social marketing initiatives to optimize water conservation efforts and emergency preparedness related to water shortages.	Short	RMOW IS	Unchanged	Ongoing	
8.5.4.3	Explore opportunities to improve municipal irrigation systems to maximize efficiency.	Short	RMOW REX	Unchanged	Complete	
8.5.4.4	Consider opportunities to increase and promote rainwater and grey water capture and use in public and private infrastructure.	Long	RMOW IS	Unchanged	Not Initiated	•No specific initiative led by RMOW staff at this time
8.5.5 Enhance Weather Independent Tourism Opportunities						
8.5.5.1	Consider the development of a comprehensive resort-wide product enhancement, communications and marketing strategy to improve and promote the range of weather-independent and all-season tourism and recreation opportunities.	Short	RMOW CAO	Unchanged	Not Initiated	
8.5.5.2	Explore possibilities to secure additional appropriate waterfront areas for parks and recreation as needed (according to carrying capacity research) to support long-term growth in summer visitation, while preserving the environmental values of new site(s).	Short	RMOW REX	Unchanged	Ongoing	
8.5.5.3	Continue to advance both cultural tourism development and the expansion of complementary learning and education initiatives.	Short	RMOW REX	Yes	Ongoing	

8.5.5.4	Explore opportunities to develop easily-accessible and affordable non-skiing, snow-based winter activities above the valley.	Med	RMOW REX	Unchanged	Not Initiated	• No specific initiative led by RMOW staff at this time
8.5.5.5	Explore opportunities to accelerate Whistler Blackcomb Bike Park and other multi-use trail expansion in both physical footprint and length of season.	Med	RMOW REX	Unchanged	Ongoing	
8.5.5.6	Place emphasis in relevant municipal policies on re-purposing existing under-used space to diversify tourism economy and provide non-snow-dependent recreation opportunities; remove barriers and encourage innovation.	Med	RMOW REX	Unchanged	Ongoing	
8.5.6 Improve Ski Infrastructure for Weather Variability						
8.5.6.1	Anticipate snowline changes and consider building, improving and/or moving lifts, trails and other infrastructure accordingly to maintain and enhance terrain quality and user experience.	short	RMOW REX	Yes	In Progress	not RMOW lead.
8.5.6.2	Continue to improve summer/fall grooming, trail surfacing and snowmaking operations at lower elevations to facilitate more effective snow management in low-snow conditions for alpine and cross-country ski trails.	med	RMOW REX	Unchanged	Not Initiated	• Not RMOW lead.
8.5.6.3	Consider the potential to offer a Whistler Blackcomb combination ski/bike park pass and promote the overlap of recreation offerings earlier and later in the respective seasons.	long	RMOW CAO	Unchanged	Not Initiated	• Not RMOW lead.
8.5.6.4	Investigate potential land exchanges to optimize potential ski terrain.	long	RMOW REX	Unchanged	Not Initiated	• Not RMOW lead.
8.5.6.5	Investigate opportunities to develop and/or improve policies related to alpine land use and development, with emphasis on enhancing recreation offerings and protecting the environment.	long	RMOW REX	Unchanged	Not Initiated	• Not RMOW lead.
8.5.7 Minimize Threats to Ecosystems, Biodiversity and the CCF						
8.5.7.1	Improve invasive species management efforts related to increasing pressures associated with a changing climate.	Short	RMOW REX, CAO	Unchanged	Ongoing	
8.5.7.2	Develop and implement a Biodiversity Conservation Strategy that considers climate change and includes recommendations to monitor and protect ecosystem health and biodiversity from pressures including climate change.	Med	RMOW REX, CAO	Unchanged	Ongoing	• OCP First Reading given by Council.
8.5.7.3	Conduct research and modify Cheakamus Community Forest management plans and practices to minimize risks related to climate change.	Med	RMOW REX, CAO	Unchanged	Ongoing	