

APPENDIX A

CECAP QUARTERLY UPDATE: July - September 2020						
ACTION #	RECOMMENDED ACTION	TIMING	RMOW LEAD	Progress since last update	Action Status	Update Q3
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 neighborhoods.	Short	RMOW REX	Yes	In Progress	Rezoning application for Cheakamus Crossing Phase 2 is in progress.
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	Unchanged	Not Initiated	Not Initiated
6.1.1.3	Adhere to the Whistler Urban Development Containment Area (WUDCA) as a means of reducing automobile trip distances.	Short	RMOW REX	Unchanged	Ongoing	The WUDCA remains an important and ongoing growth management tool within the OCP.
6.1.1.4	Ensure that whenever possible, new development or significant redevelopment is concentrated in existing neighborhoods 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	In Progress	Rezoning application for Cheakamus Crossing Phase 2 is in progress.
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 neighborhood's character.	Short	RMOW REX	Unchanged	Ongoing	This is an ongoing initiative with no specific updates for Q3.

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	In Progress	Climate Action Coordinator securing quotes for developing a GHG quantification tool.
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	In Progress	TAG reviewing its proposals against Climate Strategy to ensure alignment.
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	Staff met with the Minister of Transportation during the UBCM meetings to re-iterate the importance of regional transit in the Sea-to-Sky corridor.
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	Gateway Loop is in operation.
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	Yes	In Progress	Held a low key Maytober Challenge in 2020 and a Fall GoByBikeWeek.

6.1.2.5	Advance all potential opportunities to avoid increases in local transit fares.	Short	RMOW IS	Yes	In Progress	Year 2 of the high school transit pass program has been implemented. An additional discount to the Spirit Transit pass is being considered.
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	Yes	In Progress	A minor increase to the Village street parking rates has been implemented. (this was in Q2)
6.1.2.7	Optimize the road network and highway to prioritize the flow of high occupancy vehicles (HOVs).	Med	RMOW IS	Yes	In Progress	The Highway 99 Capacity and Safety Review has been completed by MOTI and was presented to council October 20, 2020.
6.1.2.8	Strategically expand transit system service levels and frequency where possible and affordable	Med	RMOW IS	Yes	In Progress	Further additions to the Route 10X schedule were implemented in September 2020.
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	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 REX	Unchanged	Not Initiated	
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 REX	Unchanged	Not Initiated	

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	Ongoing	Internal discussion underway to apply for active transportation grant to identify detailed active transportation strategies and actions to support the related OCP policies, and to update the Transportation Action Plan. Construction of 1.2km Millar Creek Valley Trail underway. Planning for future Valley Trail segments ongoing.
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	In Progress	Maintained Whistler Bike Valet program for summer 2020 with no expansion.
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	Yes	Ongoing	Internal discussion underway to apply for active transportation grant to identify detailed active transportation strategies and actions to support the related OCP policies, and to update the Transportation Action Plan.
6.1.3.4	Where opportunities exist, prioritize the optimization and enhancement of pedestrian infrastructure and safety throughout the community	Med	RMOW REX/IS	Yes	In Progress	The on-shoulder section of Valley Trail on Nesters road was improved with new pavement, better lines, and a better connection at the south end in August 2020. Ongoing Valley Trail safety improvements.

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 REX	Yes	Ongoing	EV charging station installation complete. Officially launched on September 22, 2020. New funding application for Sea to Sky EV chargers underway in partnership with Lil'wat Nation, Pemberton and Squamish.
6.1.4.2	RMOW to aggressively advance the average fleet GHG and energy efficiency of the municipal vehicle fleet.	Short	RMOW IS	Yes	In Progress	Climate Action Coordinator is currently performing a GHG analysis to evaluate financial investment vs GHG emission reduction per year and over the lifetime of the RMOW fleet vehicle.
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 REX	Unchanged	Not Initiated	
6.1.4.4	Integrate electric vehicles into existing private and public fleets (transit/delivery/taxis/shuttles)	Med	RMOW REX	Unchanged	Ongoing	RMOW staff have received no new updates from BC Transit on the arrival of electric buses in Whistler.
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 REX/ IS	Yes	In Progress	Valley Trail monitoring completed over Q2 and Q3.

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 REX	Yes	Ongoing	NRCan Zero Emission Vehicle Awareness Initiative funding application submitted in September. Purpose is to engage community to better understand opportunities and barriers to increased ZEV use.
6.1.4.7	Profile ultra-low emission private vehicle fleets (hotels, commercial recreation, as appropriate).	Med	RMOW IS	Unchanged	In Progress	RMOW staff waiting for appropriate time to visit electric bus fleet and advance this action.
6.1.4.8	Increase the enforcement of the Whistler anti-idling bylaw.	Med	RMOW CCS	Unchanged	Complete	
6.1.4.9	Invest in electric vehicle integration across municipal fleet	Med	RMOW IS	Yes	Ongoing	Climate Action Coordinator is currently performing a GHG analysis to evaluate financial investment vs GHG emission reduction per year and over the lifetime of the RMOW fleet vehicle
6.1.4.10	Encourage local commercial recreation and leisure operators to minimize the GHG emissions associated with their activities.	Med	RMOW REX	Unchanged	Ongoing	Supported through ongoing commercial recreation Crown land referral processes.
6.1.4.11	Develop a social marketing initiative to drive the use and purchase of more efficient vehicles.	Long	RMOW REX	Yes	Ongoing	Staff applied for funding to conduct a Zero Emission Vehicle Awareness program. If funding secured, program will launch Q1 2021.
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	In Progress	Car pool parking pass still available as a more cost effective option, encouraging carpooling.

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 REX	Yes	Ongoing	Incentive program and top up program uptake remains low. Double rebates are available on certain upgrades between Oct 1 and Dec 31.
6.2.1.2	Support and encourage Energuide energy labeling on homes for sale	Short	RMOW REX	Unchanged	In Progress	
6.2.1.3	Expand the integration of climate change, energy efficiency and water conservation literacy into school programs and curriculum.	Short	RMOW REX	Yes	Ongoing	Environmental Stewardship continues to partner with and support AWARE as it delivers climate and environmental programs at Whistler Secondary.
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 REX/CC S	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	Yes	In Progress	Modelling work has confirmed the existing DES system has capacity for all the new buildings in Cheakamus Crossing Phase 1, and the Parcel A buildings in Cheakamus Crossing Phase 2.
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 REX	Unchanged	Ongoing	OCP policy 10.3.1.3 give direction for advancing regulatory approaches for reducing the use of outdoor area heating. Keeping covid-19 business sensitivities in mind, patio extensions with heaters are required to be electric.

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 REX	Yes	Ongoing	
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 REX	Unchanged	Not Initiated	
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 REX	Unchanged	Not Initiated	
6.2.1.10	Support and improve staff training on energy efficiency practices across hotel operations (start-up practices etc....)	Short	RMOW REX	Unchanged	In Progress	Planning for workshop of key energy stakeholders put on hold due to COVID 19
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 REX	Unchanged	Not Initiated	
6.2.1.12	Promote increased awareness of Energy Performance Contracting and other energy efficiency opportunities for commercial sector properties.	Short	RMOW REX	Unchanged	Not Initiated	

6.2.1.13	Support the reestablishment of the former Whistler Facility Managers Association (WFMA)	Short	RMOW REX	Unchanged	Ongoing	Engagement of the hotel sector has been put on hold due to COVID 19.
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 REX	Yes	Ongoing	OCP policy 10.3.1.3 give direction for advancing regulatory approaches for reducing the use of outdoor area heating. Keeping covid-19 business sensitivities in mind, patio extensions with heaters are required to be electric.
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 REX	Unchanged	Not Initiated	
6.2.1.16	Catalogue and develop strategies for maximizing the re-use of waste heat resources across the resort community.	Med	RMOW REX	Unchanged	Not Initiated	
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 REX	Yes	In Progress	Exploratory conversations with Canadian Home Builders Association.
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	In Progress	

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	Unchanged	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 REX	Unchanged	In Progress	Development of Green Building Policy in budget for 2021.
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 REX/CC S	Unchanged	Not Initiated	
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	Unchanged	Complete	
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 REX/CC S	Unchanged	Not Initiated	
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	Ongoing	Internal planning under way to introduce Step 2 for Part 3 Buildings. This can be combined with the update of the Green Building Policy with support of the Climate Action Coordinator.

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 REX/CC S	Yes	In Progress	Internal planning under way to host workshop with representatives from the CHBA on building related initiatives of the Big Moves strategy.
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 REX/CC S	Unchanged	In Progress	Development of Green Building Policy in budget for 2021.
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 REX/CC S	Unchanged	Not Initiated	
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 REX	Unchanged	Not Initiated	
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 REX	Yes	Ongoing	Double rebates available from October 1 to December 31. • Up to \$4000 for heat pump space heaters • Up to \$2000 for heat pump water heaters. These updates are before municipal top ups are added.

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 REX	Yes	Ongoing	Feasibility Study underway to explore the use of biomass boilers in the MPSC.
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 REX	Yes	In Progress	Building permit and inspections for new builds ongoing.
6.3.1.5	Develop a Renewable Energy Strategy to move Whistler toward the new 100% renewable energy target.	Med	RMOW REX	Unchanged	Not Initiated	The Climate Action Big Moves strategy includes renewable energy policies. Staff will not be developing a stand-alone Renewable Energy Strategy.
6.3.1.6	Undertake a research study to evaluate the best opportunities for developing and expanding renewable energy production in Whistler.	Med	RMOW REX	Yes	Ongoing	Feasibility study for biomass heating system at the Meadow Park Sport Center is currently being completed.
6.3.1.7	Develop and/or expand renewable energy pilot installations on appropriate municipal buildings and facilities.	Med	RMOW REX	Yes	Ongoing	Feasibility Study underway to explore the use of biomass boilers in the MPSC.
<i>Encourage the Addition of Responsible, Regional Renewables</i>						
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 REX	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 REX	Unchanged	Not Initiated	No current IRP engagement at present (on mailing list).
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	In Progress	
6.4.1.2	Support the expansion of local compost diversion programs (marketing, education, pricing, infrastructure, etc....)	Short	RMOW IS	Yes	In Progress	RMOW Solid Waste Coordinator has been engaging with commercial strata's to help remove barriers to successful food waste diversion programs.
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	Unchanged	In Progress	

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	Unchanged	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	RMOW Solid Waste Coordinator has been engaging with commercial strata's to help remove barriers to successful food waste diversion programs.
6.4.1.8	Implement standardized SLRD signage across Whistler to improve recycling and composting rates.	Med	RMOW IS	Unchanged	Complete	Standard signage is included on all new bins.
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	In Progress	
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	Facilities are open again.

6.4.2.3	Promote opportunities for education and learning related to food production and associated GHG and environmental impacts.	Short	RMOW REX	Unchanged	In Progress	
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	RMOW REX	Yes	In Progress	
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 REX	Unchanged	In Progress	Early conversations are underway regarding what such a committee would look like.
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 REX	Yes	In Progress	Numerous RMOW initiatives included in the 2021 budget. Updating the council policy directing how CARIP funds can be more efficiently allocated is on the 2021 work plan.
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 REX	Unchanged	Complete	
6.5.1.4	Review and consider the implementation of a FortisBC franchise fee and dedicate the incremental funds to EE programs	Short	RMOW REX	Unchanged	Not Initiated	No specific initiative led by RMOW staff at this time.

6.5.1.5	Consider use of cash-in-lieu parking fees for improvement of pedestrian, cycling, and transit infrastructure.	Short	RMOW IS	Unchanged	In Progress	
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 REX	Unchanged	Not Initiated	
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 REX	Unchanged	Not Initiated	
6.5.2.3	Lobby senior governments to encourage increased energy and GHG innovation in the automotive and aviation sectors.	Short	RMOW REX	Unchanged	Not Initiated	No specific initiative led by RMOW staff at this time.
6.5.2.4	Increase collaboration with neighboring S2S communities and the SLRD on climate-related issues.	Short	RMOW REX	Yes	In Progress	DOS, Pemberton and Lil'wat Nation are partnering with RMOW on a S2S corridor EV charger installation funding application.
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 REX	Yes	Ongoing	

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 REX	Unchanged	Ongoing	No further community promotion on purchasing carbon offsets from the CCF at this time. Will consider as part of broader climate communications messaging.
6.5.3.2	Encourage local accommodation providers and booking companies to provide options for purchasing local offset products.	Short	RMOW REX	Unchanged	Ongoing	Internal staff discussions on engaging associations to offer and promote local carbon offset projects
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 REX	Unchanged	Ongoing	The RMOW has maintained its carbon neutral status every year since 2010. Annual offset purchases are now 100% sourced from the Cheakamus Community Forest. RMOW purchased offset credits for 2019 year.

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 / REX	Yes	Ongoing	FireSmart Community Chipper Service removed +130 tons of woody vegetation from the community (servicing +200 properties in this time). FireSmart program supported 10 Neighborhood (strata) FireSmart projects. Valley Trail forest treatment work undertaken between: Alpine Meadows and Rainbow subdivision, Lorimer Rd access to Myrtle Philip, Emerald Forest to Alpine Meadows, RMOW land adjacent to Linkside/Fairway. Assessments continuous and ongoing.
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8.5.1.2	Prioritize the implementation of the landscape-level wildfire management plan for the Cheakamus Community Forest area.	Short	RMOW REX	Yes	In Progress	CCF confirmed that Forest Enhancement Society BC will fund further fuel break project along Cheakamus Lake Road. Work scheduled to begin in November.
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/ REX	Yes	Ongoing	RMOW organized interagency wildfire meeting for October. Objective is to coordinate all wildfire risk reductions plans and projects for next 2-3 years.
8.5.1.4	Continue to review and update pre-incident and emergency response plans and communication protocols for wildfire situations.	Short	RMOW CCS	Yes	Ongoing	
8.5.1.5	Develop private property wildfire risk reduction guidelines and implement through municipal policy and/or procedures.	Short	RMOW CCS	Unchanged	Complete	
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	Unchanged	Ongoing	Council enacted Fire and Life Safety Bylaw 2201, 2019 December 17th, 2019, which replaces Fire Protection and Fireworks Bylaw 2046, 2014. Related to campfire burning, the language is similar however, the fines have been increased including Bylaw Notice processes. Garden Debris fires 6.11, which was contained in Bylaw 2046, 2014 has been eliminated in Bylaw 2201, 2019
8.5.1.7	Consider creating Development Permit Areas for wildfire protection.	Short	RMOW REX	Yes	In Progress	Staff are finalizing processes for implementing the Wildfire DPA efficiently.
8.5.1.8	Lobby Provincial and Federal governments to increase funding for community and landscape level wildfire fuel reduction and response.	Med	RMOW REX	Yes	Ongoing	RMOW staff held meeting with BCWS and Mountain Resorts provincial staff during UBCM conference to discuss funding issues and requests.

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	RMOW REX	Unchanged	Not Initiated	Nothing specific to private operators has been initiated but significant information is being shared with the general public.
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	Ongoing	Operational Evacuation Plan draft completed by ISL. Review by MOTI required for final approval
8.5.1.11	Lobby the Province to incorporate FireSmart principles into the BC Building Code.	Long	RMOW REX	Unchanged	Not Initiated	
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	Staff met with the Minister of Transportation during the UBCM meetings to re-iterate the importance of regional transit in the Sea-to-Sky corridor.
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	Yes	In Progress	New flood hazard mitigation information was reviewed with the design consultant.
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	Yes	In Progress	New flood hazard mitigation information was reviewed with the design consultant.
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	No changes required yet.
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	In Progress	
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	Parks - being considered in Parks Master Plan
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	

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	Complete	Complete
8.5.3.10	Join the UN campaign "My City's Getting Ready!"	Long	RMOW REX	Unchanged	Not Initiated	
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	Yes	In Progress	Water meter installation completed in Function Junction neighborhood, integration of water meter data into Tempest still ongoing.
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	In Progress	

8.5.4.3	Explore opportunities to improve municipal irrigation systems to maximize efficiency.	Short	RMOW REX	Yes	In Progress	Submitted Parks Irrigation Strategy to capital budget process for 2022.
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	Will consider in Parks Irrigation Strategy.
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 Economic Development	Unchanged	Ongoing	Ongoing - work continues to progress in line with Economic Partnership Initiative (EPI) work plan.
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	Yes	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	In Progress	Valley wide interpretive rejuvenation program in second of four years.
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	Parks Master Plan underway, delayed by COVID 19 response and recovery. Anticipate completion Q4 2020.
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	Unchanged	Not Initiated	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 REX	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	Yes	Ongoing	Grizzly Bear Conflict Mitigation Strategy complete and recommendations implemented for Mt. Sproatt and Rainbow Mountain.
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	Unchanged	Ongoing	SSISC has largely completed its 2020 monitoring, public education and control program.
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	Unchanged	In Progress	Consultant and Environmental Stewardship staff continue to develop priority habitat protection framework.
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	Unchanged	Complete	CCF continues to review options for making forest more resilient to climate change and wildfire.