

**CECAP QUARTERLY UPDATE: January - June 2020**

ACTION #	RECOMMENDED ACTION	TIMING	RMOW LEAD	Update Q1 2020	Update Q2 2020	Progress since last update	Action Status
<b>MITIGATION</b>							
<b>6.1 Mobile Energy Use – Transportation-based GHG Emissions</b>							
<b>6.1.1 Design Land Use for Location Efficient Living, Working and Playing</b>							
6.1.1.1	Continued commitment to ensuring that Whistler is made up of increasingly complete and compact neighbourhoods.	Short	RMOW REX	<ul style="list-style-type: none"> <li>• Commitment to complete and compact neighbourhoods is still in place.</li> <li>• Significant progress on WHA housing in Cheakamus, delivering compact community development in energy efficient housing, linked to transit.</li> <li>- 1020 Legacy Way - WHA Passive House Building with 24 units completed. Adjacent to transit.</li> <li>-1330 Cloudburst Drive: 45 units BC Step Code 3. Construction started in 2019, to be completed in 2021, connected to transit.</li> <li>• 3850 Bear Paw Trail, Rainbow: 20 Seniors units located adjacent to transit.</li> </ul>	•OCP was adopted on June 23rd, 2020	Yes	Ongoing
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	• No specific initiative led by RMOW staff at this time	• No specific initiative led by RMOW staff at this time	Unchanged	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		• OCP was adopted on June 23rd, 2020	Unchanged	Ongoing
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	<ul style="list-style-type: none"> <li>• 1330 Cloudburst Drive WHA housing Construction started in Fall 2019. 45 units, BC Step Code 3, connected to transit. To be completed in 2021.</li> </ul>	• OCP was adopted on June 23rd, 2020	Yes	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 neighbourhood's character.	Short	RMOW REX		• OCP was adopted on June 23rd, 2020	Yes	In Progress
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		<ul style="list-style-type: none"> <li>• OCP was adopted on June 23rd, 2020</li> <li>• A new Climate Strategy (Big Moves Climate Strategy) is in development to prioritize and accelerate this CECAP action</li> <li>• The Big Moves Climate Strategy focuses on reducing the carbon emissions from new buildings in BIG Move 4</li> <li>Flood response training exercise held in Q4 2019.</li> <li>• A Carbon Budget system to quantify GHG impacts for significant new projects is currently being planned</li> </ul>	Yes	In Progress
<b>6.1.2 Advance Local and Regional Mass Transportation Service</b>							
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	<ul style="list-style-type: none"> <li>• RMOW staff have responded to referrals on this issue and made specific requests for encouraging better flexibility for motor carriers that would allow them to respond to passenger's needs. Work continues.</li> <li>- RMOW staff participated in the February, 13, 2020 meeting in 2020 Q1 organized by the Chamber of Commerce with Private Carriers.</li> </ul>	• A new Climate Strategy (Big Moves Climate Strategy) is in development that prioritizes and accelerates regional transit	Unchanged	Ongoing
6.1.2.2	Support the expansion, promotion and increased convenience of mass transportation services between Vancouver and Whistler	Short	RMOW IS	Staff are doing some further cost analysis, but no additional Provincial funding is available in the foreseeable future.	RMOW staff participated in the February 13, 2020 meeting organized by the Chamber of Commerce with Private Carriers. RMOW invited to attend a UBCM sponsored forum on Regional Transit in Q2.	Unchanged	Ongoing
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	Gateway Loop is in operation.	Gateway Loop is in operation.	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	Maytober Challenge encouraged residents to get out of their cars and onto more sustainable transport options including transit. It was a success with Bike valet up to 2,610 uses (up from 1,555 previous year), Increase in bus ridership with bikes up 17%, 23,500 more trips on buses (paid by monthly passes), and more frequent use on the Valley Trail for active transport.	Developed and launched a Winter Social media and traditional media campaign promoting family travel on the Whistler Transit System to get the ski hill. Planning spring/summer social media campaign with a COVID19 lense informing of tips to reduce GHG emissions, including using transit and biking.	Yes	In Progress
6.1.2.5	Advance all potential opportunities to avoid increases in local transit fares.	Short	RMOW IS	<ul style="list-style-type: none"> <li>Monthly pass rates remain at the reduced price.</li> <li>Pilot project to extend free transit to high school students announced in Q4 2019. Program set to commence in 2020.</li> </ul>	Highschool transit Pass was given to students in Q1 and is valid through September 30, 2020. Due to COVID19, transit was free in Whistler and across the province for April and May. Transit fares were resumed June 1, 2020. Intending to keep Spirit Transit Pass discount and Highschool Transit Pass for 2020/2021.	Yes	Ongoing
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	<ul style="list-style-type: none"> <li>User pay parking in high-demand areas in Whistler Village continues.</li> <li>Price change December 1, 2019 for monthly parking in Day Lots 1-3 with net revenue to offset costs for High school Transit Pass Pilot Project.</li> </ul>	<ul style="list-style-type: none"> <li>User pay parking in high-demand areas in Whistler Village continues.</li> <li>Recommended parking price changes for June 15, 2020 were suspended due to COVID19.</li> </ul>	Yes	In Progress
6.1.2.7	Optimize the road network and highway to prioritize the flow of high occupancy vehicles (HOVs).	Med	RMOW IS	RMOW comments on the draft Highway Capacity Study have been sent to MOTI.	RMOW staff met with MOTI staff to discuss RMOW comments and RMOW preface. Goal is to publish study in Q3 and present to Council.	Yes	In Progress
6.1.2.8	Strategically expand transit system service levels and frequency where possible and affordable	Med	RMOW IS	Further Transit hours are being planned for April 2020 (next Transit year).	Transit base service was expanded as of April 1, 2020 as it was planned pre-COVID19. However, summer transit was delayed and weekend extra buses were suspended for 2020 due to COVID19. <ul style="list-style-type: none"> <li>Preparing request for expansion hours and vehicles effective April 1, 2021.</li> <li>Planning taking place to revise service structure around Route 10-Valley Express for fall service change</li> </ul>	Yes	Ongoing
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	<ul style="list-style-type: none"> <li>No specific initiative led by RMOW staff at this time</li> </ul>	<ul style="list-style-type: none"> <li>No specific initiative led by RMOW staff at this time</li> </ul>	Unchanged	Not Initiated
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	<ul style="list-style-type: none"> <li>Current focus on regional bus/coach transit</li> </ul>	<ul style="list-style-type: none"> <li>Current focus on regional bus/coach transit</li> </ul>	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	<ul style="list-style-type: none"> <li>No new regional air services are proposed at this time</li> </ul>	<ul style="list-style-type: none"> <li>No new regional air services are proposed at this time</li> </ul>	Unchanged	Not Initiated
<b>6.1.3 Activate Walking, Biking and other Forms of Healthy Transportation</b>							
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	<ul style="list-style-type: none"> <li>Millar Creek to Function Junction expansion in progress</li> <li>Prism property Valley Trail: project remains in planning stage.</li> <li>New 1.5 km Valley Trail from Rainbow Park to Scotia Creek was tendered</li> <li>Trail lighting additions on Valley Trail between Village Gate Blvd and Lorimer Rd. complete.</li> </ul>	<ul style="list-style-type: none"> <li>Millar Creek to Function Junction expansion in progress</li> <li>Prism property Valley Trail: project remains in planning stage.</li> </ul>	Yes	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	<ul style="list-style-type: none"> <li>Maytober Challenge helped drive increase</li> </ul>	<ul style="list-style-type: none"> <li>Expanding Whistler's bike valet program in 2020</li> </ul>	Yes	In Progress
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	Maytober Challenge encouraged residents to get out of their cars and onto more sustainable transport options including active transport. It was a success with Bike valet up to 2,610 uses (up from 1,555 previous year), Increase in bus ridership with bikes up 17%, 23,500 more trips on buses (paid by monthly passes), and more frequent use on the Valley Trail for active transport.	Maytober Challenge ongoing to encourage residents to get out of their cars and onto more sustainable transport options including transit. Free bike valet service available	Yes	In Progress
6.1.3.4	Where opportunities exist, prioritize the optimization and enhancement of pedestrian infrastructure and safety throughout the community	Med	RMOW REX	<ul style="list-style-type: none"> <li>Function Junction sidewalk work completed for 2019. Project to re-commence in 2020 to complete pathway down to Lynham Rd.</li> </ul>	<ul style="list-style-type: none"> <li>Function Junction sidewalk work completed for 2019. Project to re-commence in 2020 to complete pathway down to Lynham Rd.</li> <li>Grant applications considered to access funding to improve pedestrian safety at key locations along Valley Trail network</li> </ul>	Yes	In Progress

**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	<ul style="list-style-type: none"> <li>• 14 dual-port EV charging stations approved (28 stations total) with NRCan funding for 50%. The Project is significantly advanced and construction is scheduled to begin in July 2020. This will increase charging ports in the Day Lots from 4 to 24 (6 fold increase), as well as add charging stations to other key parking lots.</li> </ul>	<ul style="list-style-type: none"> <li>• 14 dual-port EV charging stations being installed (28 stations total) with NRCan funding for 50%, construction is scheduled to begin in July 2020.</li> </ul>	Yes	In Progress
6.1.4.2	RMOW to aggressively advance the average fleet GHG and energy efficiency of the municipal vehicle fleet.	Short	RMOW IS	<ul style="list-style-type: none"> <li>• Fleet purchases continue to consider electric vehicles wherever possible.</li> <li>• Fleet manager tested several pieces of electric turf equipment. However, the e market at this point is still less than desirable for turf equipment since battery longevity (on a daily use scenario) isn't there yet, especially when it comes to tending to wet grass.</li> <li>- Two new Toyota Rav4 Hybrid vehicles were purchased increasing RMOW hybrid fleet.</li> </ul>	<ul style="list-style-type: none"> <li>• Fleet purchases continue to consider electric vehicles wherever possible.</li> <li>- RMOW fleet manager participated at the BC West Coast Electric Fleet Symposium</li> <li>- RMOW has purchased 3 New Western Star plow trucks (dump trucks) and a Vactor Hydro Excavation truck all tier 4 final emission systems that will improve GHG emissions from the last generation that are 10+years old.</li> </ul>	Yes	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 REX	<ul style="list-style-type: none"> <li>• No specific initiative led by RMOW staff at this time</li> </ul>	<ul style="list-style-type: none"> <li>• No specific initiative led by RMOW staff at this time</li> </ul>	Unchanged	Not Initiated
6.1.4.4	Integrate electric vehicles into existing private and public fleets (transit/delivery/taxis/shuttles)	Med	RMOW REX	<ul style="list-style-type: none"> <li>• BC Transit has introduced its Low Carbon Fleet Program, which will focus on purchasing electric heavy duty buses as primary option starting in 2023. In addition, BC Transit has committed to increase the use of RNG in fleets that have CNG buses.</li> <li>• RMOW staff has engaged with BC Transit staff on their Low Carbon Fleet Program, and will continue to advocate that Whistler receive both higher shares of RNG as fuel source for current buses, as well as electric ones for bus replacement/expansion programs</li> </ul>	<ul style="list-style-type: none"> <li>• RMOW staff has engaged with BC Transit staff on their Low Carbon Fleet Program, and will continue to advocate that Whistler receive both higher shares of RNG as fuel source for current buses, as well as electric ones for bus replacement/expansion programs</li> </ul>	Unchanged	In Progress
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	E-bike policy currently in Phase 4: Implementation, monitoring and public communications.	<ul style="list-style-type: none"> <li>• Whistler Bike Valet service for 2020 will target ebikes.</li> </ul>	Yes	In Progress
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	<ul style="list-style-type: none"> <li>• DLOC has agreed to fund electricity provisions and maintenance for EV chargers in the Day Lots (24 chargers), funded from parking revenue. This will ensure financial sustainability for the chargers over the long-term.</li> </ul>	<ul style="list-style-type: none"> <li>• Electricity will be continued to be offered free of charge for existing and new EV chargers, including for the 14 new dual-port chargers to be advanced by the NRCan grant ( see 6.1.4.1). In addition, EV reserved parking will expand from 4 spots to 24 spots in the Day Lots</li> <li>- CleanBC Go Electric EV Charger Rebate Program in place for single family homes, MURBs, and businesses</li> </ul>	Yes	In Progress
6.1.4.7	Profile ultra-low emission private vehicle fleets (hotels, commercial recreation, as appropriate).	Med	RMOW IS	Internal staff planning underway to organize trip for Whistler fleet operators to visit a leading operator of an electric bus fleet. Electric bus delivery delay has delayed the original timeline. RMOW staff waiting for appropriate time.	RMOW staff waiting for appropriate time to visit electric bus fleet and advance this action Efforts on hold due to Covid 19 pandemic	Unchanged	In Progress
6.1.4.8	Increase the enforcement of the Whistler anti-idling bylaw.	Med	RMOW CCS	<ul style="list-style-type: none"> <li>• Bylaw department is now fully staffed, making it more possible to enforce this bylaw.</li> </ul>	Covid-19 priorities challenging ability to expand enforcement of this bylaw at this time.	Unchanged	Complete
6.1.4.9	Invest in electric vehicle integration across municipal fleet	Med	RMOW IS	<ul style="list-style-type: none"> <li>• Detailed funding application for EV charging infrastructure submitted to NRCan. This includes a new dual-port charger for the municipal hall parking, which can support charging of RMOW vehicles, doubling charging capacity at Municipal hall.</li> </ul>	<ul style="list-style-type: none"> <li>Construction of the updated dual port charger at Municipal Hall is scheduled to be completed in August 2020.</li> <li>24 additional vehicle charging stations are underconstruction in public parking lots.</li> </ul>	Yes	In Progress
6.1.4.10	Encourage local commercial recreation and leisure operators to minimize the GHG emissions associated with their activities.	Med	RMOW REX	<ul style="list-style-type: none"> <li>• Supported through ongoing commercial recreation Crown land referral processes.</li> </ul>	<ul style="list-style-type: none"> <li>• Supported through ongoing commercial recreation Crown land referral processes.</li> </ul>	Unchanged	In Progress

6.1.4.11	Develop a social marketing initiative to drive the use and purchase of more efficient vehicles.	Long	RMOW REX	Internal RMOW staff work underway for a social media campaign on educating on benefits and incentive programs of more efficient and low carbon technologies, including EVs.	Internal RMOW staff work underway for a social media campaign on educating on benefits and incentive programs of more efficient and low carbon technologies, including EVs.	Unchanged	In Progress
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	• Car pool parking pass still available as a more cost effective option, encouraging car pooling.	• Car pool parking pass still available as a more cost effective option, encouraging car pooling.	Unchanged	Ongoing
<b>6.2 Stationary Energy Use – Buildings &amp; Infrastructure GHG Emissions</b>							
<b>Existing Residential Buildings</b>							
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	• RMOW increased its contributions to EfficiencyBC programs. Residents can now qualify for rebates for up to \$6,000 for electric heat pump (from \$4,000 initially). In addition, the program was expanded for domestic hot water heat pump systems, with a rebate of \$2,000. The hot water tank increases the program to more people, including both eclectic and natural gas customers.	• Increased benefits are shared on website, e-mails, and part of an upcoming social media outreach campaign (as mentioned in 6.1.4.11)	Yes	In Progress
6.2.1.2	Support and encourage Energuide energy labeling on homes for sale	Short	RMOW REX	• Regular promotion of EfficiencyBC incentives through social media, newsletter, website and poster/ word of mouth at the Building Department • Poster for EfficiencyBC updated to reflect increased rebate offer. • Power Down to Save up continues to offer rebates for home energy assessment	• Regular promotion of EfficiencyBC incentives through social media, newsletter, website and poster/ word of mouth at the Building Department • Poster for EfficiencyBC updated to reflect increased rebate offer. • Power Down to Save up continues to offer rebates for home energy assessment	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	• SD48 lead. • RMOW staff have provided Fire Smart sessions in local classrooms continues		Yes	In Progress
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/CCS	• Internal discussions underway on engaging builders on energy efficiency projects in homes. One focus will be on profiling a successful installation of a heat pump, as training on heat pump installation currently appears to be a barrier for broad adoption.	• A new Climate Strategy (Big Moves Climate Strategy) is in development to prioritize and accelerate this CECAP action	Yes	In Progress
6.2.1.5	Continue to optimize performance outcomes of the Cheakamus Crossing DES and apply learning to future projects	Short	RMOW IS	• DES modelling work underway	To-date there have been 34 units remove themselves from DES in Cheakamus Crossing.	Yes	Ongoing
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	• RMOW tools are being investigated, and how to engage key stakeholders	• OCP was adopted on June 23rd, 2020 • Reducing the emissions from outdoor heating has been implemented as priority action in the new Big Moves Climate Strategy	Yes	In Progress
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	• Climate Change Coordinator has engaged with electric vehicle advocacy groups to advance "Right to Charge" rules to enable MURBs to enable EV charging. This may require sub-metering for parking spaces.	• A new Climate Strategy (Big Moves Climate Strategy) is in development to prioritize and accelerate this CECAP action	Yes	In Progress
<b>Existing Commercial Buildings and Infrastructure</b>							
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	• No specific initiative led by RMOW staff at this time	• No specific initiative led by RMOW staff at this time	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	• No specific initiative led by RMOW staff at this time • See 6.2.1.1 for residential sector initiatives	• No specific initiative led by RMOW staff at this time	Unchanged	In Progress

6.2.1.10	Support and improve staff training on energy efficiency practices across hotel operations (start-up practices etc....)	Short	RMOW REX	<ul style="list-style-type: none"> <li>• RMOW staff have reached out to hotel energy managers to engage on energy efficiency initiatives and adopting more low carbon fuel.</li> </ul>	<ul style="list-style-type: none"> <li>• Planning for workshop of key energy stakeholders put on hold due to Covid 19</li> </ul>	Unchanged	In Progress
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	<ul style="list-style-type: none"> <li>• No specific initiative led by RMOW staff at this time</li> </ul>	<ul style="list-style-type: none"> <li>• No specific initiative led by RMOW staff at this time</li> </ul>	Unchanged	In Progress
6.2.1.12	Promote increased awareness of Energy Performance Contracting and other energy efficiency opportunities for commercial sector properties.	Short	RMOW REX	<ul style="list-style-type: none"> <li>• No specific initiative led by RMOW staff at this time</li> </ul>	<ul style="list-style-type: none"> <li>• A new Climate Strategy (Big Moves Climate Strategy) is in development that includes increased energy efficiency of the commercial sector as priority action</li> </ul>	Unchanged	Not Initiated
6.2.1.13	Support the reestablishment of the former Whistler Facility Managers Association (WFMA)	Short	RMOW REX	<ul style="list-style-type: none"> <li>• Planning for workshop of key energy stakeholders underway, including with energy managers from hotels (see 6.2.10).</li> </ul>	<ul style="list-style-type: none"> <li>• Engagement of the hotel sector has been put on hold due to Covid 19</li> </ul>	Unchanged	In Progress
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		<ul style="list-style-type: none"> <li>• OCP was adopted on June 23rd, 2020</li> <li>• Reducing the emissions from outdoor heating has been implemented as priority action in the new Big Moves Climate Strategy</li> </ul>	Unchanged	In Progress
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	<ul style="list-style-type: none"> <li>• No specific initiative led by RMOW staff at this time</li> </ul>	<ul style="list-style-type: none"> <li>• No specific initiative led by RMOW staff at this time</li> </ul>	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	<ul style="list-style-type: none"> <li>• No specific initiative led by RMOW staff at this time</li> </ul>	<ul style="list-style-type: none"> <li>• No specific initiative led by RMOW staff at this time</li> </ul>	Unchanged	In Progress
<b>6.2.2 Ensure the Most Energy Efficient and Comfortable New Buildings and Infrastructure as Possible</b>							
<b>New Residential Buildings</b>							
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	<ul style="list-style-type: none"> <li>• The Building Department was considering holding two open house events in 2019 in regards to Certified Energy Modelling of existing and new Part 9 buildings.</li> </ul>	<ul style="list-style-type: none"> <li>• An open house is being planned for the future implementation of Part 3 Energy Step Code.</li> </ul>	Yes	In Progress
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	<ul style="list-style-type: none"> <li>• Building Department focussed on the successful roll out of Energy Step Code (Part 9)</li> </ul>	<ul style="list-style-type: none"> <li>• Building Department focussed on the successful roll out of Energy Step Code (Part 9)</li> </ul>	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	<ul style="list-style-type: none"> <li>• Energy Step code in place, which requires energy modelling for new residential construction (Part 9).</li> <li>• So far, 8 building permits have been issued under new ESC, with 4 permits requiring step 3, and 4 permits requiring step 4</li> </ul>	<ul style="list-style-type: none"> <li>• Energy Modelling is now required for all new single family and duplex buildings, through the Energy Step Code.</li> </ul>	Unchanged	In Progress

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	<ul style="list-style-type: none"> <li>As of September 30th, 50% of issued building permits for new Part 9 residential buildings require meeting Energy Step Code Level 4.</li> </ul>	The RMOW Green Building Policy has not been updated since 2008. It will be reviewed by the RMOW Green Building Task Force when that group is formed. The requirements for the energy step code were added to the RMOW Building and Plumbing Regulation Bylaw No. 1617	Yes	In Progress
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/CCS	<ul style="list-style-type: none"> <li>No specific initiative led by RMOW staff at this time</li> </ul>	<ul style="list-style-type: none"> <li>No specific initiative led by RMOW staff at this time</li> </ul>	Unchanged	Not Initiated
<b>Existing Commercial Buildings and Infrastructure</b>							
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	<ul style="list-style-type: none"> <li>No specific initiative led by RMOW staff at this time</li> </ul>	<ul style="list-style-type: none"> <li>OCP was adopted on June 23rd, 2020</li> </ul>	Yes	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/CCS	Internal planning under way to advance & implement Energy Step Code for Part 3 buildings in 2020.	Internal planning under way to introduce Step 2 for Part 3 Buildings. This will need to be brought forward by the Climate Change Coordinator.	Yes	In Progress
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	<ul style="list-style-type: none"> <li>Integration of Energy Step Code requirements for Part 3 Buildings (complex buildings) will be considered by staff in 2019</li> <li>All levels of the Energy Step Code require energy modelling.</li> </ul>	Internal planning under way to introduce Step 2 for Part 3 Buildings. This will need to be brought forward by the Climate Change Coordinator.	Yes	In Progress
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/CCS	Internal planning underway to hold open house with HVAC experts on identifying latest technology trends, most appropriate technology choices for Whistler's climate & techniques for most effective installations	Internal planning underway to hold open house with HVAC experts on identifying latest technology trends, most appropriate technology choices for Whistler's climate & techniques for most effective installations	Unchanged	In Progress
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/CCS	Integration of Energy Step Code for Part 3 buildings will be coordinated with forthcoming updates to the RMOW Green Building Policy	Internal planning underway to update the Green Building Policy once the RMOW Green Building Task Force is formed.	Unchanged	In Progress
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/CCS	<ul style="list-style-type: none"> <li>No specific initiative led by RMOW staff at this time</li> </ul>	<ul style="list-style-type: none"> <li>No specific initiative led by RMOW staff at this time</li> </ul>	Unchanged	Not Initiated
<b>6.3 Renewable Energy and Energy Supply Alternatives</b>							
6.3.1.1	Encourage the use and fair commodity pricing of 'renewable' natural gas.	Short	RMOW REX	<ul style="list-style-type: none"> <li>Internal discussions on use of RNG in RMOW corporate facilities.</li> <li>Engagement with BC Transit to use more RNG in Whistler's CNG transit bus fleet</li> </ul>	<ul style="list-style-type: none"> <li>No specific initiative led by RMOW staff at this time</li> </ul>	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	<ul style="list-style-type: none"> <li>Heat pump conversion incentive increased from \$4,000 to up to \$6,000, in collaboration with Province of BC as part of EfficiencyBC</li> </ul>	<ul style="list-style-type: none"> <li>Incentive broadened to include \$2,000 incentive rebate for electric heat pump hot water tanks.</li> </ul>	Yes	In Progress
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	<ul style="list-style-type: none"> <li>Commenced solar PV feasibility study for MPSC with an electrical engineering consulting firm</li> </ul>	Climate action coordinator explored external funding opportunities for strategic RMOW corporate initiatives, with several projects identified, including a bio energy project to heat MPSC.	Yes	In Progress
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	<ul style="list-style-type: none"> <li>Whistler's leadership on Energy Step Code is helping broader adoption across BC through setting an important and visible example.</li> </ul>	The RMOW is a continued leader in the implementation of the Energy Step Code	Unchanged	In Progress
6.3.1.5	Develop a Renewable Energy Strategy to move Whistler toward the new 100% renewable energy target.	Med	RMOW REX	<ul style="list-style-type: none"> <li>No specific initiative led by RMOW staff at this time</li> </ul>	<ul style="list-style-type: none"> <li>No specific initiative led by RMOW staff at this time</li> </ul>	Unchanged	Not Initiated
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	<ul style="list-style-type: none"> <li>Engagement with utility on bringing more RNG to Whistler, as well as sourcing more RNG from Whistler's operations.</li> <li>Internal staff discussions on best use of biomass from Fire smart fuel reduction, including as heating source for RMOW corporate facilities</li> </ul>		Unchanged	In Progress

6.3.1.7	Develop and/or expand renewable energy pilot installations on appropriate municipal buildings and facilities.	Med	RMOW REX	Commenced solar PV feasibility study for MPSC with an electrical engineering consulting firm - Identified biomass heating for MPSC as a potential candidate for pilot project financing with a federal agency.	- Identified biomass heating for MPSC as a potential candidate for pilot project financing with FCM.	Yes	In Progress
<b>Encourage the Addition of Responsible, Regional Renewables</b>							
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	• No specific initiative led by RMOW staff at this time	• No specific initiative led by RMOW staff at this time	Unchanged	Not Initiated
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	• No current IRP engagement at present (on mailing list)	• No current IRP engagement at present (on mailing list)	Unchanged	Not Initiated
<b>6.4 Solid Waste System-based GHG Emissions</b>							
<b>6.4.1 Materials Minimization and Diversion</b>							
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	• New 5-year contract for composter operation has been executed..	Created and hired for Solid Waste Technician position.	Yes	Ongoing
6.4.1.2	Support the expansion of local compost diversion programs (marketing, education, pricing, infrastructure, etc....)	Short	RMOW IS	New Solid Waste Technical hired	SW Technician is working on outreach program	Yes	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	- New Solid Waste Technical hired	- Expansion of improved and streamlined recycling infrastructure in municipal facilities.	Yes	Ongoing
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	Waste management update presented to Council and resolution passed in support for Single-use reduction program.	-Second meeting of Zero Waste Committee in June 2020	Yes	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	•No specific initiative led by RMOW staff at this time	•No specific initiative led by RMOW staff at this time	Unchanged	In Progress
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	Transport of waste and/or recyclables on local transit now permitted as a pilot project (with some limitations).		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		• Solid Waste Technician is organizing an outreach program to better inform businesses about their options and responsibilities regarding waste management.	Yes	Ongoing
6.4.1.8	Implement standardized SLRD signage across Whistler to improve recycling and composting rates.	Med	RMOW IS	New compost bins installed in Village area.		Unchanged	Ongoing
<b>6.4.2 Reduce Upstream Emissions from Goods and Services</b>							
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	• Will be integrated with Zero Waste Committee	Second meeting of Zero Waste Committee in June 2020	Yes	Ongoing
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	• New Re-Use-It and Re-Build-It are operating successfully	Both facilities closed during covid-19 response.	Unchanged	Complete
6.4.2.3	Promote opportunities for education and learning related to food production and associated GHG and environmental impacts.	Short	RMOW REX	• RMOW staff attends Squamish Lillooet Food Project meetings.		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		OCP was adopted on June 23rd, 2020	Yes	In Progress
<b>6.5 Enabling Energy Reduction and Climate Change Mitigation</b>							
<b>6.5.1 Ensure Adequate Governance and Funding for ongoing Climate Action progress</b>							
6.5.1.1	Create a 'Climate Leadership Committee' as a standing committee of Council	Short	RMOW REX	Internal planning initiated to develop a strategy for priority actions, including stakeholder engagement and setting of new 2030 targets.	Internal planning underway to develop a strategy for priority actions (Big Moves Climate Strategy), including stakeholder engagement and setting of new 2030 targets.	Yes	In Progress
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	<ul style="list-style-type: none"> <li>Heat pump incentive increased to up to \$6,000. Program broadened to include switching to heat-pump hot water heaters.</li> <li>Matching funding to NRCan EV infrastructure grant partially paid for by CARIP</li> </ul>	<ul style="list-style-type: none"> <li>Climate action coordinator is currently investigating funding opportunities for a feasibility study of an energy efficiency program</li> </ul>	Yes	In Progress
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	Climate Action Coordinator is advancing CECAP measures in coordination with other staff and stakeholders.	<ul style="list-style-type: none"> <li>New Climate Action Coordinator, Luisa Burhenne, started on June 1, 2020</li> <li>Climate Action Coordinator to recommend that the Carbon Neutral Operations Plan be updated</li> </ul>	Yes	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	<ul style="list-style-type: none"> <li>No specific initiative led by RMOW staff at this time</li> </ul>	<ul style="list-style-type: none"> <li>No specific initiative led by RMOW staff at this time</li> </ul>	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	A consultant will need to be engaged to develop a design that will meet MOTI requirements.		Unchanged	Ongoing
<b>6.5.2 Actively Work With Other Levels of Government to Advance Shared Climate Goals</b>							
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	<ul style="list-style-type: none"> <li>Support for carbon pricing planned for upcoming community engagement campaign.</li> </ul>		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 REX	<ul style="list-style-type: none"> <li>Whistler's leadership on Energy Step Code noted by other communities and observed with interest. Whistler's leadership is helping breakdown concerns on implementing higher levels of ESC, serving as a real life proof.</li> </ul>		Yes	In Progress
6.5.2.3	Lobby senior governments to encourage increased energy and GHG innovation in the automotive and aviation sectors.	Short	RMOW REX	<ul style="list-style-type: none"> <li>No specific initiative led by RMOW staff at this time</li> </ul>	<ul style="list-style-type: none"> <li>No specific initiative led by RMOW staff at this time</li> </ul>	Unchanged	Not Initiated
6.5.2.4	Increase collaboration with neighbouring S2S communities and the SLRD on climate-related issues.	Short	RMOW REX	The RMOW's Climate Change Coordinator connected with Squamish's new Climate Change Manager to advance regional climate and clean energy initiatives.	Regular meetings with RMOW and DOS Climate action staff in progress to advance regional climate, transportation, and clean energy initiatives.	Yes	Ongoing
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	<ul style="list-style-type: none"> <li>Climate Change Coordinator researching all feasible low carbon energy options, including clean electricity, renewable natural gas, district energy and more. Engaging with thought leaders in business, academia, and utilities.</li> <li>Ongoing collaboration with City of Vancouver staff on identifying priority climate action, so as to build on their leadership.</li> </ul>	<ul style="list-style-type: none"> <li>Collaboration of new Climate Action Coordinator with FCM Community of Practices group to leverage learning and amplify voice to advance strong action for municipalities across Canada.</li> </ul>	Yes	In Progress
<b>6.5.3 Support High Quality, Third-Party Verified Local Offset Products</b>							
6.5.3.1	Encourage local organizations to support local carbon reduction projects like the Cheakamus Community Forest offset project.	Short	RMOW REX	RMOW completed CARIP report and identified 2019 emissions. Carbon offsets to be purchased from CCF.	No further community promotion on purchasing carbon offsets from the CCF at this time. Will consider as part of broader climate communications messaging.	Yes	In Progress
6.5.3.2	Encourage local accommodation providers and booking companies to provide options for purchasing local offset products.	Short	RMOW REX	Internal staff discussions on engaging associations to offer and promote local carbon offset projects		Yes	In Progress
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		<ul style="list-style-type: none"> <li>The RMOW has maintained its carbon neutral status every year since 2010. Annual offset purchases are now 100% sourced from the Cheakamus Community Forest.</li> <li>RMOW will purchase offset credits for 2019 year in early fall.</li> </ul>	Yes	Ongoing
<b>ADAPTATION</b>							
<b>8.5.1 Minimize Wildfire Threats</b>							



8.5.1.1	Continue to implement the Community Wildfire Protection Plan, including emphasis on public education and engagement.	Short	RMOW CCS / REX	The Kadenwood fuel thinning project was completed. The 3-year wildfire project contract was awarded to Alpine Axeceleration who will begin work on the Spruce Grove unit after Thanksgiving. FireSmart crew continued work on municipal lands, chipper services and with stratas.	Wildfire thinning work resumed in the remaining 13 hectares in Lost Lake Park in April. FS program and outreach continued through Q2 with mixed term and redeployed staff from the Recreation team.	Yes	Ongoing
8.5.1.2	Prioritize the implementation of the landscape-level wildfire management plan for the Cheakamus Community Forest area.	Short	RMOW REX	Planning work for implementing Phase II of the Cheakamus Lake Road fuel thinning project was ongoing in preparation of starting the work in mid-October.	Cheakamus Community Forest continued project on Cheakamus Lake Road through Q1 and Q2.	Yes	Ongoing
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	Coordination and communications continue between corridor partners particularly through the Emergency Management planning work.		Unchanged	Ongoing
8.5.1.4	Continue to review and update pre-incident and emergency response plans and communication protocols for wildfire situations.	Short	RMOW CCS	Response plans, contact information, etc. has been updated and regular reviews are scheduled. Confirming communication protocols with Blackcomb Helicopters for wildfire and other emergencies. Communications exercise scheduled for October 24, 2019.		Yes	Ongoing
8.5.1.5	Develop private property wildfire risk reduction guidelines and implement through municipal policy and/or procedures.	Short	RMOW CCS	Wildfire DPA brochure developed and in final review stages before providing to the public.	Wildfire DPA brochure finalized and printed. Once it is made available to the public, feedback on the brochure will be monitored to determine if future edits are needed to improve the clarity of the information.	Yes	Ongoing
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	The proposed Fire and Life Safety Bylaw 2201, 2018 remains in draft at least until September. The existing Fire Protection and Fireworks Bylaw 2046, 2014 remains in effect. 6.5 request for "Campfire Permit" remains in effect until further notice. 6.11 Garden Debris Fires are no longer allowed in the RMOW and will be repealed in the new Fire and Life Safety Bylaw. Further, WFRS are part of the Wildfire Working Group together with Protective Services, Emergency Management and Environmental Stewardship preparing a coordinated effort at education, response and enforcement with wildfire, illegal campfires, etc.		Unchanged	In Progress
8.5.1.7	Consider creating Development Permit Areas for wildfire protection.	Short	RMOW REX		OCP was adopted on June 23rd, 2020	Yes	In Progress
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	RMOW staff discussed multi-year funding with various provincial staff and ministers at UBCM.		Unchanged	Ongoing
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		Nothing specific to private operators has been initiated but significant information is being shared with the general public.	Unchanged	Not Initiated
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	<ul style="list-style-type: none"> <li>Sea to Sky Multimodal Evacuation Plan Guidance Document complete and approved by Council.</li> <li>Fire Danger Rating Plan complete.</li> <li>Air Quality Advisory Response Plan complete and reviewed by Vancouver Coastal Health Medical Health Officer.</li> <li>Repeater for Combined Events radio frequency installed; RMOW and WFRS radios updated.</li> </ul>		Unchanged	Ongoing
8.5.1.11	Lobby the Province to incorporate FireSmart principles into the BC Building Code.	Long	RMOW REX	• No specific initiative led by RMOW staff at this time	• No specific initiative led by RMOW staff at this time	Unchanged	Not Initiated
<b>8.5.2 Minimize Congestion on Highway 99</b>							
8.5.2.1	Facilitate, develop and promote alternative and mass transportation options to and from Whistler.	Short	RMOW IS	Regional transit funding model rejected by Province. Options being considered.		Unchanged	Ongoing

<b>8.5.3 Minimize Damage from Heavy Rain Events</b>							
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	• Funding was received and now hazard assessment in progress.		Unchanged	In Progress
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	• Funding was received and now hazard assessment in progress.		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	• Funding was received and now hazard assessment in progress.		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	• No changes required yet.		Unchanged	Ongoing
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	• Emergency planning protocols are constantly being updated, improved and expanded. • Fitzsimmons Creek Debris Flood Emergency Response Plan complete and approved by Emergency Planning Committee. Mock exercise tested this plan with external agencies on October 24, 2019.		Yes	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	• Trail improvements in progress		Unchanged	In Progress
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	•No specific initiative led by RMOW staff at this time		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	• 21 Mile Creek surface water protection plan endorsed by Council in June 2018.		Unchanged	Complete
8.5.3.9	Explore opportunities to improve sediment and erosion control requirements during development and construction.	Long	RMOW IS	• Enhanced policies included in the 2018 Updated OCP – both the Natural Areas chapter and associated Development Permit Areas.	• OCP was adopted on June 23rd, 2020	Unchanged	Complete
8.5.3.10	Join the UN campaign "My City's Getting Ready!"	Long	RMOW REX	•No specific initiative led by RMOW staff at this time	•No specific initiative led by RMOW staff at this time	Unchanged	Not Initiated
<b>8.5.4 Ensure Adequate Water Supply</b>							
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	• Work has started on evaluating metered water rates for industrial, commercial, and institutional properties in Whistler.		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	• Stakeholder outreach will continue.		Unchanged	In Progress
8.5.4.3	Explore opportunities to improve municipal irrigation systems to maximize efficiency.	Short	RMOW REX	Through parks masterplanning process to address potential improvements across municipal parks.		Yes	In Progress

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	• No specific initiative led by RMOW staff at this time	• No specific initiative led by RMOW staff at this time	Unchanged	Not Initiated
<b>8.5.5 Enhance Weather Independent Tourism Opportunities</b>							
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	• Advancement of Arts, Culture and Heritage programming and itineraries under development		Unchanged	In Progress
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	• Land acquisition opportunity being advanced		Unchanged	In Progress
8.5.5.3	Continue to advance both cultural tourism development and the expansion of complementary learning and education initiatives.	Short	RMOW REX	• New Manager, Cultural Planning & Development role created at RMOW. • Dedicated work plan developed and rolled out in 2017, advancement of new and ongoing initiatives underway		Unchanged	In Progress
8.5.5.4	Explore opportunities to develop easily-accessible and affordable non-skiing, snow-based winter activities above the valley.	Med	RMOW REX	• No specific initiative led by RMOW staff at this time		Unchanged	Not Initiated
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	• Alpine Trail program continues to be progressed		Unchanged	In Progress
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	• Parks Master Plan underway, update provided at March 12 Council meeting.		Unchanged	In Progress
<b>8.5.6 Improve Ski Infrastructure for Weather Variability</b>							
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	• Not RMOW lead.	• Not RMOW lead.	Unchanged	Not Initiated
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	• Not RMOW lead.	• Not RMOW lead.	Unchanged	Not Initiated
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	• Not RMOW lead.	• Not RMOW lead.	Unchanged	Not Initiated
8.5.6.4	Investigate potential land exchanges to optimize potential ski terrain.	long	RMOW REX	• Not RMOW lead.	• Not RMOW lead.	Unchanged	Not Initiated
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	• Not RMOW lead.	• Not RMOW lead.	Unchanged	Not Initiated
<b>8.5.7 Minimize Threats to Ecosystems, Biodiversity and the CCF</b>							
8.5.7.1	Improve invasive species management efforts related to increasing pressures associated with a changing climate.	Short	RMOW REX	Sea to Sky Invasive Species Council engaged again in 2020.	Sea to Sky Invasive Species Council engaged again in 2020.	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	Consultant and Environmental Stewardship staff continue to develop priority habitat protection framework.	Consultant and Environmental Stewardship staff continue to develop priority habitat protection framework.	Unchanged	Ongoing

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	The CCF is aware of this issue and implemented changes to adapt.	The CCF is aware of this issue and implemented changes to harvesting and silviculture plans to adapt.	Unchanged	Complete
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