

CECAP QUARTERLY UPDATE: July - September 2019

ACTION #	RECOMMENDED ACTION	TIMING	RMOW LEAD	Progress since last update	Action Status	Q3 Update
MITIGATION						
6.1 Mobile Energy Use – Transportation-based GHG Emissions						
6.1.1 Design Land Use for Location Efficient Living, Working and Playing						
6.1.1.1	Continued commitment to ensuring that Whistler is made up of increasingly complete and compact neighbourhoods.	Short	RMOW REX	Yes	Ongoing	<ul style="list-style-type: none"> • Commitment to complete and compact neighbourhoods is still in place. • OCP received 3rd reading July 23, 2019 • Significant progress on WHA housing in Cheakamus, delivering compact community development in energy efficient housing, linked to transit. • 1020 Legacy Way - Passive House Building with 24 units, tenants to move in November 1st. Adjacent to transit. • 3850 Bear Paw Trail, Rainbow: 20 Seniors units located adjacent to transit. • 1330 Cloudburst Drive: 45 units BC Step Code 3. Recently broke ground, to be completed in 2021, connected to transit.
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			
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	<ul style="list-style-type: none"> • OCP received 3rd reading July 23, 2019
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	Unchanged	In Progress	<ul style="list-style-type: none"> • OCP received 3rd reading July 23, 2019 • 1330 Cloudburst Drive WHA housing recently began construction. 45 units, BC Step Code 3, connected to transit. To be completed in 2021.
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	Unchanged	In Progress	<ul style="list-style-type: none"> • OCP received 3rd reading July 23, 2019
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	Unchanged	Ongoing	<ul style="list-style-type: none"> • OCP received 3rd reading July 23, 2019
6.1.2 Advance Local and Regional Mass Transportation Service						
6.1.2.1	Work with regional passenger carriers and provincial regulatory bodies to encourage greater frequency and more affordable choices for regional bus travel	Short	RMOW IS	Unchanged	Ongoing	
6.1.2.2	Support the expansion, promotion and increased convenience of mass transportation services between Vancouver and Whistler	Short	RMOW IS	Unchanged	Ongoing	Staff are doing some further cost analysis, but no additional Provincial funding is available in the foreseeable future.

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	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.
6.1.2.5	Advance all potential opportunities to avoid increases in local transit fares.	Short	RMOW IS	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	Unchanged	In Progress	
6.1.2.7	Optimize the road network and highway to prioritize the flow of high occupancy vehicles (HOVs).	Med	RMOW IS	Unchanged	In Progress	Final staff comments on the Highway Capacity Study have been sent to MOTI.
6.1.2.8	Strategically expand transit system service levels and frequency where possible and affordable	Med	RMOW IS	Unchanged	Ongoing	Further Transit hours are being planned for April 2020 (next Transit year).
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 (previously CAO)	Unchanged	Not Initiated	• Current focus on regional bus/coach transit
6.1.2.11	Ensure that any potential investigation into new regional air service or a new airport facility includes a full assessment of the GHG emissions balance of the proposed project.	Long	RMOW REX (previously CAO)	Unchanged	Not Initiated	• No new regional air services are proposed at this time
6.1.3 Activate Walking, Biking and other Forms of Healthy Transportation						
6.1.3.1	Prioritize the recommendations of and regularly update the Whistler Transportation Cycling Plan and the Whistler Recreational Cycling Plan in planning for the pedestrian and bicycle network.	Short	RMOW REX			<ul style="list-style-type: none"> • New 1.8 km of Millar Creek Valley Trail with lighting, 50% complete. Project will continue in 2020. • Prism property Valley Trail: project remains in planning stage. • New 1.5 km Valley Trail from Rainbow Park to Scotia Creek: To be tendered late fall 2019. <ul style="list-style-type: none"> • Trail lighting additions on Valley Trail between Village Gate Blvd and Lorimer Rd. 75% complete, will be 100% complete in 2019.
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	Yes	In Progress	<ul style="list-style-type: none"> • 2610 bikes were parked for free in Whistler's bike valet program, up from 1,555 in 2018. • Maytober Challenge helped drive increase
6.1.3.3	Advance a community-based social marketing research project to determine the key perceived barriers and benefits of increased use of active transportation. Built upon the findings of the research, develop and execute targeted community-based social marketing campaign and other practical relevant solutions to increase use of active transportation.	Short	RMOW IS	Unchanged	Not Initiated	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.

6.1.3.4	Where opportunities exist, prioritize the optimization and enhancement of pedestrian infrastructure and safety throughout the community	Med	RMOW REX	Yes	In Progress	<ul style="list-style-type: none"> Function Junction sidewalk work completed for 2019. Project to re-commence in 2020 to complete pathway down to Lynham Rd.
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 (previously CAO)	Yes	In Progress	<ul style="list-style-type: none"> Detailed funding application submitted to NRCan for up to 50% matching funding for 14 dual-port charging stations (28 stations total). If successful, 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. The application process was very detailed, so that the Project is significantly advanced, including discussions with electrical engineering consultants, tech providers, utility etc.
6.1.4.2	RMOW to aggressively advance the average fleet GHG and energy efficiency of the municipal vehicle fleet.	Short	RMOW IS	Unchanged	Ongoing	<ul style="list-style-type: none"> Fleet purchases continue to consider electric vehicles wherever possible. Fleet manager tested several pieces of electric turf equipment over the summer.
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 (previously CAO)	Unchanged	Not Initiated	<ul style="list-style-type: none"> No specific initiative led by RMOW staff at this time
6.1.4.4	Integrate electric vehicles into existing private and public fleets (transit/delivery/taxis/shuttles)	Med	RMOW REX (previously CAO)	Yes	In Progress	<ul style="list-style-type: none"> 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. RMOW staff had previously engaged with BC Transit on purchasing more RNG for its CNG bus fleet, and highlighted this as an important opportunity to decrease GHG emissions. 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
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	Yes	In Progress	Draft e-bike policy adopted July 9th. Currently in Phase 4: Implementation, monitoring and public communications.
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 (previously CAO)	Yes	In Progress	<ul style="list-style-type: none"> 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 (if grant is successful) 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.
6.1.4.7	Profile ultra-low emission private vehicle fleets (hotels, commercial recreation, as appropriate).	Med	RMOW IS	Yes	In Progress	Internal staff planning underway to organize trip for Whistler fleet operators to visit a leading operator of an electric bus fleet. Electric bus delivery delayed has delayed the original timeline. RMOW staff waiting for appropriate time.
6.1.4.8	Increase the enforcement of the Whistler anti-idling bylaw.	Med	RMOW CCS (previously CAO)	Unchanged	Complete	<ul style="list-style-type: none"> Bylaw department is now fully staffed, making it more possible to enforce this bylaw.
6.1.4.9	Invest in electric vehicle integration across municipal fleet	Med	RMOW IS	Yes	In Progress	<ul style="list-style-type: none"> 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.
6.1.4.10	Encourage local commercial recreation and leisure operators to minimize the GHG emissions associated with their activities.	Med	RMOW REX (previously CAO)			

6.1.4.11	Develop a social marketing initiative to drive the use and purchase of more efficient vehicles.	Long	RMOW REX (previously CAO)	Yes	In Progress	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.
6.1.4.12	Explore opportunities to effectively support and encourage the development of a new car coop/sharing program in Whistler, in addition to promoting ride-share and carpool programs.	Long	RMOW IS	Unchanged	Ongoing	
6.2 Stationary Energy Use – Buildings & Infrastructure GHG Emissions						
Existing Residential Buildings						
6.2.1.1	Continue to support and enhance the social marketing campaign to increase uptake of enhanced incentive programs and associated energy efficiency performance improvements.	Short	RMOW REX (previously CAO)	Yes	In Progress	<ul style="list-style-type: none"> • 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)
6.2.1.2	Support and encourage Energuide energy labeling on homes for sale	Short	RMOW REX (previously CAO)	Yes	In Progress	<ul style="list-style-type: none"> • 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
6.2.1.3	Expand the integration of climate change, energy efficiency and water conservation literacy into school programs and curriculum.	Short	RMOW REX (previously CAO)			
6.2.1.4	Profile a deep energy retrofit as an example of what can be done to promote energy efficient retrofits in existing homes	Short	RMOW REX/CCS (previously CAO)	Yes	In Progress	<ul style="list-style-type: none"> • 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 heatpump installation currently appears to be a barrier for broad adoption.
6.2.1.5	Continue to optimize performance outcomes of the Cheakamus Crossing DES and apply learning to future projects	Short	RMOW IS	Unchanged	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 (previously CAO)	Unchanged	In Progress	<ul style="list-style-type: none"> • OCP received 3rd reading July 23, 2019
6.2.1.7	Encourage existing multi-tenant or multi-owner residential buildings to maintain or add individually metered energy consumption for individual properties (i.e. encourage user-pays principle)	Long	RMOW REX (previously CAO)	Yes	In Progress	<ul style="list-style-type: none"> • 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.
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 (previously CAO)	Unchanged	Not Initiated	<ul style="list-style-type: none"> • No specific initiative led by RMOW staff at this time
6.2.1.9	Develop and implement a social marketing campaign with incentives to increase audits, uptake of incentive programs and associated energy efficiency performance improvements.	Short	RMOW REX (previously CAO)	Unchanged	In Progress	<ul style="list-style-type: none"> • No specific initiative led by RMOW staff at this time • See 6.2.1.1 for residential sector initiatives
6.2.1.10	Support and improve staff training on energy efficiency practices across hotel operations (start-up practices etc....)	Short	RMOW REX (previously CAO)	Yes	In Progress	<ul style="list-style-type: none"> • RMOW staff have reached out to hotel energy managers to engage on energy efficiency initiatives and adopting more low carbon fuel. • Planning for workshop of key energy stakeholders underway, including with energy managers from hotels.

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 (previously CAO)	Unchanged	Not Initiated	• No specific initiative led by RMOW staff at this time
6.2.1.12	Promote increased awareness of Energy Performance Contracting and other energy efficiency opportunities for commercial sector properties.	Short	RMOW REX (previously CAO)	Unchanged	Not Initiated	• No specific initiative led by RMOW staff at this time
6.2.1.13	Support the reestablishment of the former Whistler Facility Managers Association (WFMA)	Short	RMOW REX (previously CAO)	Yes	In Progress	<ul style="list-style-type: none"> • Climate Change coordinator has started outreach to members of the WFMA, but not official meeting occurred to date. • Planning for workshop of key energy stakeholders underway, including with energy managers from hotels (see 6.2.10).
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 (previously CAO)	Unchanged	In Progress	• OCP received 3rd reading July 23, 2019
6.2.1.15	Encourage existing multi-tenant or multi-owner commercial buildings to maintain or add individually metered energy use (i.e. encourage user-pays principle).	Med	RMOW REX (previously CAO)	Unchanged	Not Initiated	• No specific initiative led by RMOW staff at this time
6.2.1.16	Catalogue and develop strategies for maximizing the re-use of waste heat resources across the resort community.	Med	RMOW REX (previously CAO)	Yes	In Progress	• Internal staff discussions underway on using heat from wastewater treatment plant more effectively. The wastewater treatment plant is currently the largest user of NG in the RMOW corporate fleet, primarily for heating.
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 (previously CAO)			
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			
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	In Progress	<ul style="list-style-type: none"> • Energy Step code in place, which requires energy modelling for new residential construction (Part 9). • So far, 8 building permits have been issued under new ESC, with 4 permits requiring step 3, and 4 permits requiring step 4
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 (previously CAO)			• As of September 30th, 50% of issued building permits for new Part 9 residential buildings require meeting Energy Step Code Level 4.
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 (previously CAO)	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	In Progress	• OCP received 3rd reading July 23, 2019
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 (previously CAO)	Unchanged	Not Initiated	Internal planning under way to advance & implement Energy Step Code for Part 3 buildings in 2020.
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	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 (previously CAO)	Unchanged	In Progress	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
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 (previously CAO)	Unchanged	In Progress	Integration of Energy Step Code for Part 3 buildings will be coordinated with forthcoming updates to the RMOW Green Building Policy
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 (previously CAO)	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	Yes	In Progress	• Internal discussions on use of RNG in RMOW corporate facilities. • Engagement with BC Transit to use more RNG in Whistler's CNG transit bus fleet
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	In Progress	• Heat pump conversion incentive increased from \$4,000 to up to \$6,000, in collaboration with Province of BC as part of EfficiencyBC • Incentive broadened to include \$2,000 incentive rebate for electric heat pump hot water tanks.
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	In Progress	• Commenced solar PV feasibility study for MPSC with an electrical engineering consulting firm
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	Unchanged	In Progress	• Whistler's leadership on Energy Step Code is helping broader adoption across BC through setting an important and visible example.
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	• No specific initiative led by RMOW staff at this time
6.3.1.6	Undertake a research study to evaluate the best opportunities for developing and expanding renewable energy production in Whistler.	Med	RMOW REX	Yes	In Progress	• Engagement with utility on bringing more RNG to Whistler, as well as sourcing more RNG from Whistler's operations. • Internal staff discussions on best use of biomass from Fire smart fuel reduction, including as heating source for RMOW corporate facilities
6.3.1.7	Develop and/or expand renewable energy pilot installations on appropriate municipal buildings and facilities.	Med	RMOW REX	Yes	In Progress	Commenced solar PV feasibility study for MPSC with an electrical engineering consulting firm
Encourage the Addition of Responsible, Regional Renewables						
6.3.2.1	Support local and regional renewable electricity production opportunities that include a careful assessment of potential negative impacts on ecosystem function, air quality, community character and visual aesthetics.	Short	RMOW 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 (previously CAO)	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	Ongoing	
6.4.1.2	Support the expansion of local compost diversion programs (marketing, education, pricing, infrastructure, etc...)	Short	RMOW IS	Unchanged	Ongoing	
6.4.1.3	Evaluate opportunities to require new development or significant redevelopment to incorporate meaningful measures to minimize solid waste during design and construction, deconstruct rather than demolish, and encourage alternative and evolving methods of waste diversion during building operation.	Short	RMOW REX	Unchanged	Not Initiated	•No specific initiative led by RMOW staff at this time
6.4.1.4	Continue moving towards the Zero Waste goal endorsed in 2005 and update the municipal solid waste strategy to advance zero-waste goals, planning and actions.	Med	RMOW IS	Yes	In Progress	Waste management update presented to Council and resolution passed in support for Single-use reduction program.
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			
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	Unchanged	Ongoing	
6.4.1.8	Implement standardized SLRD signage across Whistler to improve recycling and composting rates.	Med	RMOW IS	Unchanged	Ongoing	
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	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	Yes	Complete	• New Re-Use-It and Re-Build-It are operating successfully
6.4.2.3	Promote opportunities for education and learning related to food production and associated GHG and environmental impacts.	Short	RMOW CCS			
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 CCS	Unchanged	In Progress	• OCP received 3rd reading July 23, 2019
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 (previously CAO)	Yes	In Progress	Internal planning underway to convene key energy stakeholders for workshop on priority action, coordination across stakeholders, and setting of new 2030 targets.

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	<ul style="list-style-type: none"> Heat pump incentive increased to up to \$6,000. Program broadened to include switching to heat-pump hot water heaters. Matching funding to NRCan EV infrastructure grant partially paid for by CARIP (EV travel is a major energy efficiency initiative, switching from 15-20% efficient combustion engines to 90-95% efficient electric motors).
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	Yes	Complete	Climate Change Coordinator is advancing CECAP measures in coordination with other staff and stakeholders.
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 (previously CAO)	Unchanged	Not Initiated	<ul style="list-style-type: none"> 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			
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	Ongoing	<ul style="list-style-type: none"> Support for carbon pricing planned for upcoming community engagement campaign.
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 (previously CAO)	Yes	In Progress	<ul style="list-style-type: none"> 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.
6.5.2.3	Lobby senior governments to encourage increased energy and GHG innovation in the automotive and aviation sectors.	Short	RMOW REX (previously CAO)	Unchanged	Not Initiated	<ul style="list-style-type: none"> No specific initiative led by RMOW staff at this time
6.5.2.4	Increase collaboration with neighbouring S2S communities and the SLRD on climate-related issues.	Short	RMOW REX (previously CAO)	Unchanged	In Progress	Squamish is hiring a Climate Change Manager. The RMOW's Climate Change Coordinator will work closely with the new dedicated Squamish staffer to advance regional climate and clean energy initiatives.
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 (previously CAO)	Yes	In Progress	<ul style="list-style-type: none"> 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. Ongoing collaboration with City of Vancouver staff on identifying priority climate action, so as to build on their leadership. Collaboration with FCM Community of Practices group to leverage learning and amplify voice to advance strong action for municipalities across Canada.
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			
6.5.3.2	Encourage local accommodation providers and booking companies to provide options for purchasing local offset products.	Short	RMOW REX	Unchanged	Not Initiated	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	<ul style="list-style-type: none"> 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 will purchase offset credits for 2018 year in early fall. Delayed till then as Cheakamus Community Forest was in process of verifying offsets.
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	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.
8.5.1.2	Prioritize the implementation of the landscape-level wildfire management plan for the Cheakamus Community Forest area.	Short	RMOW REX	Unchanged	Ongoing	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.
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	Unchanged	Ongoing	Coordination and communications continue between corridor partners.
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	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.
8.5.1.5	Develop private property wildfire risk reduction guidelines and implement through municipal policy and/or procedures.	Short	RMOW CCS	Yes	Ongoing	Wildfire DPA brochure developed and in final review stages before providing to the public.
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			
8.5.1.7	Consider creating Development Permit Areas for wildfire protection.	Short	RMOW REX	Unchanged	In Progress	OCP received 3rd reading July 23, 2019
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	Unchanged	Ongoing	RMOW staff discussed multi-year funding with various provincial staff and ministers at UBCM.
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 share 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	<ul style="list-style-type: none"> • Sea to Sky Multimodal Evacuation Plan Guidance Document complete and approved by Council. • Fire Danger Rating Plan complete. • Air Quality Advisory Response Plan complete and reviewed by Vancouver Coastal Health Medical Health Officer. • Repeater for Combined Events radio frequency installed; RMOW and WFRS radios updated.
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	Unchanged	Ongoing	
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			
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			
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			
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			
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			
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			
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			
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			
8.5.3.9	Explore opportunities to improve sediment and erosion control requirements during development and construction.	Long	RMOW IS			

8.5.3.10	Join the UN campaign "My City's Getting Ready!"	Long	RMOW REX	Unchanged	Not Initiated	•No specific initiative led by RMOW staff at this time
8.5.4 Ensure Adequate Water Supply						
8.5.4.1	Continue to update and prioritize implementation of the Comprehensive Water Conservation and Supply Plan focused on municipal conservation and infrastructure improvements, in addition to relevant regulations, policies and enforcement. The plan should be updated as needed to include or consider best practices in water conservation and supply management.	Short	RMOW IS			
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			
8.5.4.3	Explore opportunities to improve municipal irrigation systems to maximize efficiency.	Short	RMOW REX	Yes	In Progress	Through parks masterplanning process to address potential improvements across municipal parks.
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	
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 CCS			
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			
8.5.5.3	Continue to advance both cultural tourism development and the expansion of complementary learning and education initiatives.	Short	RMOW REX			
8.5.5.4	Explore opportunities to develop easily-accessible and affordable non-skiing, snow-based winter activities above the valley.	Med	RMOW REX			
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			
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			
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	
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	
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	
8.5.6.4	Investigate potential land exchanges to optimize potential ski terrain.	long	RMOW REX	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	Unchanged	Not Initiated	
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 (previously CAO)	Unchanged	Ongoing	SSISC provided services again in 2019 and will be engaged again in 2020.
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	Ongoing	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	The CCF is aware of this issue and implemented changes to adapt.