



APPENDIX A – CECAP Q4, 2020

CECAP QUARTERLY UPDATE: October - December 2020						
ACTION #	RECOMMENDED ACTION	TIMING	RMOW LEAD	Progress since last update	Action Status	Update Q4
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	In Progress	Rezoning applications for Cheakamus Crossing Phase 2 and private employee housing developments continue to be in progress.
6.1.1.2	Investigate raising the target for the number of employees, especially full-time employees, living locally (i.e. > than the current 75%)	Short	RMOW REX	Unchanged	Not Initiated	There are no specific updates for Q4.
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	This is an ongoing initiative with no specific updates for Q4.
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,	Short	RMOW REX	Yes	In Progress	Rezoning applications for Cheakamus Crossing Phase 2 and private employee housing developments continue to be in progress.

	pedestrian and cycling routes, amenities and services; and are characterized by increased residential density.					
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	Ongoing	This is an ongoing initiative with no specific updates for Q4.
6.1.1.6	Proposals for significant new development or redevelopment should be required to quantify future GHG emissions and energy consumption impacts (including transportation-based) and incorporate measures to minimize and/or mitigate projected increases.	Short	RMOW REX	Yes	In Progress	RFP for GHG impact tool under currently being put together.
6.1.2 Advance Local and Regional Mass Transportation Service						
6.1.2.1	Work with regional passenger carriers and provincial regulatory bodies to encourage greater frequency and more affordable choices for regional bus travel	Short	RMOW IS	Unchanged	In Progress	COVID19 pandemic and travel restrictions has made it so that there are fewer options than previously as there is far less demand for travel and shared travel to Whistler. Will look for opportunities in 2021.
6.1.2.2	Support the expansion, promotion and increased convenience of mass transportation services between Vancouver and Whistler	Short	RMOW IS	Yes	In Progress	COVID19 pandemic and travel restrictions has made it so that there are fewer options than previously as there is far less demand for travel and shared travel to Whistler.
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.

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6.1.2.4	Advance a community-based social marketing research project to determine the key perceived barriers and benefits of increased use of mass transit transportation. Based on the associated results, develop and execute targeted community-based social marketing campaign and other relevant, practical solutions to increase use of mass transit	Short	RMOW IS	Unchanged	In Progress	In 2020 held a fall GoByBikeWeek in September and continued to promote local transit within Whistler with a free mask give-a-way to transit passengers to comply with COVID19 public transit orders.
6.1.2.5	Advance all potential opportunities to avoid increases in local transit fares.	Short	RMOW IS	Yes	In Progress	The DLOC implemented the TAG recommended Day rate parking fee change December 15, 2020 in Day Lots 1-5. Revenues from parking fees in the Day Lots subsidize transit fares through the Community Transportation Initiative Fund. Transit fares were not increased in 2020 and the 6 and 12-month Spirit Transit passes were further reduced in price. RMOW staff is working with Whistler Chamber of Commerce staff to see how the Spirit Transit Pass program can be expanded to a one month pass.
6.1.2.6	Continue to pass the infrastructure, maintenance, congestion, environmental and land costs of road and parking infrastructure onto users.	Med	RMOW IS	Yes	In Progress	The DLOC implemented the TAG recommended Day rate parking fee change December 15, 2020 in Day Lots 1-5. Revenues from parking fees in the Day Lots pay for operations and maintenance of the Day Lots.
6.1.2.7	Optimize the road network and highway to prioritize the flow of high occupancy vehicles (HOVs).	Med	RMOW IS	Yes	In Progress	RMOW received permission from the MoTI to hire a consultant to gather survey information for five high priority locations on Highway 99 to begin preliminary design over the winter.

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6.1.2.8	Strategically expand transit system service levels and frequency where possible and affordable	Med	RMOW IS	Yes	In Progress	RMOW staff have been working with BC Transit staff to launch phase 2 of the Transit Future Plan public engagement in Q1 2021 to set priorities for 2021-2026.
6.1.2.9	Explore and consider opportunities to link Whistler Blackcomb and other local business products with (discounted) local and regional mass transit passes.	Med	RMOW IS	Unchanged	Not Initiated	No specific initiative led by RMOW staff at this time
6.1.2.10	Continue to encourage the provincial government and private sector to pursue the return of higher-volume, affordable and more frequent passenger rail service to Whistler.	Long	RMOW REX	Unchanged	Not Initiated	No specific initiative led by RMOW staff at this time
6.1.2.11	Ensure that any potential investigation into new regional air service or a new airport facility includes a full assessment of the GHG emissions balance of the proposed project.	Long	RMOW REX	Unchanged	Not Initiated	No specific initiative led by RMOW staff 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/ IS	Yes	Ongoing	RMOW IS submitted grant application to UBCM for \$10,000 Active Transportation Planning grant.

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6.1.3.2	Consider opportunities to permit the repurposing of existing village parking to other purposes to support preferred modes of transportation (i.e. bike parking, end of trip facilities)	Short	RMOW IS	Unchanged	In Progress	Secure Bike parking (Bike Valet program and Village Bike Cage in the Library underground lots) are part of the 2021 budget submitted to the CTIF.
6.1.3.3	Advance a community-based social marketing research project to determine the key perceived barriers and benefits of increased use of active transportation. Built upon the findings of the research, develop and execute targeted community-based social marketing campaign and other practical relevant solutions to increase use of active transportation.	Short	RMOW IS	Yes	Ongoing	Submitted grant application to UBCM for \$10,000 Active Transportation Planning grant.
6.1.3.4	Where opportunities exist, prioritize the optimization and enhancement of pedestrian infrastructure and safety throughout the community	Med	RMOW REX/IS	Yes	In Progress	Obtained permission from MoTI to develop a preliminary design to improve pedestrian access to southbound bus stop in Alta Vista. Hired a consultant to develop design options.
6.1.4 Support Electrification, and the Adoption of other Low Carbon Transport Options						
6.1.4.1	Support the development of, and increased access to, reduced-carbon mobile fuel options such as natural gas, appropriate biofuels, and electrical charging stations across the community.	Short	RMOW REX	Yes	Ongoing	Grant application to the CleanBC communities fund for 16 Level 2 and 8 DCFC chargers has been submitted. A user fee for all municipal owned EV chargers is under consideration. A user fee will encourage turn-over and the revenue will cover all operating, maintenance, and replacement cost

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6.1.4.2	RMOW to aggressively advance the average fleet GHG and energy efficiency of the municipal vehicle fleet.	Short	RMOW IS	Yes	In Progress	A list of vehicles that would need to be replaced and qualify for electrification has been provided and the respective annual GHG emission reductions evaluated. A greater discussion about life cycle emission and a long-term electrification plan is underway.
6.1.4.3	Champion and support inter-community travel providers (including airlines) that are progressive leaders in energy and GHG innovation through preferred marketing relationships and other in-kind partnership opportunities	Short	RMOW REX	Unchanged	Not Initiated	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	Unchanged	Ongoing	RMOW staff have received no new updates from BC Transit on the arrival of electric buses in Whistler.
6.1.4.5	Support the use of 'appropriate' electric assist bicycles on Whistler's roads, and Valley Trail network, and support appropriate opportunities to increase secure storage and charging infrastructure in the Village.	Med	RMOW REX/ IS	Yes	Ongoing	Secure Bike parking (Bike Valet program and Village Bike Cage in the Library underground lots) are part of the 2021 budget submitted to the CTIF.

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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	Unchanged	Ongoing	NRCan funding application was not successful. No new EV outreach programs are being planned at this moment.
6.1.4.7	Profile ultra-low emission private vehicle fleets (hotels, commercial recreation, as appropriate).	Med	RMOW IS	Unchanged	In Progress	RMOW staff waiting for appropriate time to visit electric bus fleet and advance this action.
6.1.4.8	Increase the enforcement of the Whistler anti-idling bylaw.	Med	RMOW CCS	Unchanged	Complete	Complete
6.1.4.9	Invest in electric vehicle integration across municipal fleet	Med	RMOW IS	Yes	Ongoing	A list of vehicles that would need to be replaced and qualify for electrification has been provided and the respective annual GHG emission reductions evaluated. A greater discussion about life cycle emission and a long-term electrification plan is underway.
6.1.4.10	Encourage local commercial recreation and leisure operators to minimize the GHG emissions associated with their activities.	Med	RMOW REX	Unchanged	Ongoing	Supported through ongoing commercial recreation Crown land referral processes.
6.1.4.11	Develop a social marketing initiative to drive the use and purchase of more efficient vehicles.	Long	RMOW REX	Unchanged	Ongoing	NRCan funding application was not successful. No new EV outreach programs are being planned at this moment.

6.1.4.12	Explore opportunities to effectively support and encourage the development of a new car coop/sharing program in Whistler, in addition to promoting ride-share and carpool programs.	Long	RMOW IS	Unchanged	In Progress	Carpool parking pass is still available in Day Lots 4 and 5 but is not actively being promoted due to COVID19 restrictions.
6.2 Stationary Energy Use – Buildings & Infrastructure GHG Emissions						
Existing Residential Buildings						
6.2.1.1	Continue to support and enhance the social marketing campaign to increase uptake of enhanced incentive programs and associated energy efficiency performance improvements.	Short	RMOW REX	Yes	Ongoing	Collaboration with the CEA, Squamish, and New Westminister has been initiated to increase the uptake on heat pump incentives through a 'one stop shop' concierge approach. A project grant proposal has been submitted to FCM to fund the pilot implementation.
6.2.1.2	Support and encourage Energuide energy labeling on homes for sale	Short	RMOW IS	Unchanged	In Progress	No specific initiative led by RMOW staff at this time
6.2.1.3	Expand the integration of climate change, energy efficiency and water conservation literacy into school programs and curriculum.	Short	RMOW REX	Yes	Ongoing	Environmental Stewardship continues to partner with and support AWARE as it delivers climate and environmental programs at Whistler Secondary.

6.2.1.4	Profile a deep energy retrofit as an example of what can be done to promote energy efficient retrofits in existing homes	Short	RMOW REX/IS	Unchanged	Not Initiated	No specific initiative led by RMOW staff at this time
6.2.1.5	Continue to optimize performance outcomes of the Cheakamus Crossing DES and apply learning to future projects	Short	RMOW IS	Yes	In Progress	Modelling work has confirmed the existing DES system has capacity for all the new buildings in Cheakamus Crossing Phase 1, and the Parcel A buildings in Cheakamus Crossing Phase 2.
6.2.1.6	Advance opportunities to reduce the direct heating of outdoor areas (i.e. heated driveways, heated stairs, patio heaters, outdoor gas fireplaces).	Long	RMOW REX	Unchanged	Ongoing	A memo was prepared outlining the GHG impacts of outdoor heating and the need to develop a policy that regulates the use of outdoor heaters.
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 IS	Unchanged	Not Initiated	No specific initiative led by RMOW staff at this time
Existing Commercial Buildings and Infrastructure						

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6.2.1.8	Actively investigate the development of new district energy system for Whistler Village that increases energy efficiency, increases the share of energy production from renewable sources, reduces operating costs and decreases GHG emissions.	Short	RMOW REX	Unchanged	Not Initiated	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	Unchanged	Not Initiated	No specific initiative led by RMOW staff at this time
6.2.1.10	Support and improve staff training on energy efficiency practices across hotel operations (start-up practices etc....)	Short	RMOW REX	Unchanged	In Progress	Planning for workshop of key energy stakeholders put on hold due to Covid 19
6.2.1.11	Advance a system of voluntary and mandatory energy benchmark reporting across Whistler's large energy consumers (leverage NRCAN Portfolio Manager updates into Canada).	Short	RMOW REX	Unchanged	Not Initiated	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	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	Unchanged	Ongoing	Climate Action Coordinator re-evaluating best approach to support Facility Managers

6.2.1.14	Encourage approaches that reduce the direct heating of outdoor areas such as through open shop doors, patio heaters and heated driveways (i.e. explore the potential to create and enforce a closed door - energy waste bylaw in commercial and retail zones).	Med	RMOW REX	Yes	Ongoing	OCP policy 10.3.1.3 give direction for advancing regulatory approaches for reducing the use of outdoor area heating. Keeping covid-19 business sensitivities in mind, patio extensions with heaters are required to be electric.
6.2.1.15	Encourage existing multi-tenant or multi-owner commercial buildings to maintain or add individually metered energy use (i.e. encourage user-pays principle).	Med	RMOW REX	Unchanged	Not Initiated	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	Unchanged	Not Initiated	No specific initiative led by RMOW staff at this time
6.2.2 Ensure the Most Energy Efficient and Comfortable New Buildings and Infrastructure as Possible						
New Residential Buildings						
6.2.2.1	Support the trades, sub-trades, developers and building community with programs and initiatives designed to increase the uptake of energy efficient residential building designs, programs and technologies in Whistler.	Short	RMOW REX	Yes	In Progress	A workshop with building experts from the CHBA was held on November 5. The main goal was to discuss all building related Big Moves and to inform the final Big Moves strategy.

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 IS	Unchanged	In Progress	In progress, no Q4 update
6.2.2.3	Explore the feasibility for requiring energy modeling for new residential buildings and significant renovations at building permit phase.	Med	RMOW IS	Unchanged	Ongoing	The implementation of the Energy Step Code requires Energy Modelling for all new residential buildings but not for renovations.
6.2.2.4	Maintain and update the RMOW Green Building Policy to require higher energy performance standards during rezoning for new residential buildings	Long	RMOW REX	Unchanged	In Progress	Budget has been approved to hire a consultant to assist with the Green Building Policy update. Internal discussions underway to plan the next steps.
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/S	Unchanged	Not Initiated	No RMOW initiative at this time
Existing Commercial Buildings and Infrastructure						

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6.2.2.6	Designate Whistler Village as a District Energy Investigation Area to encourage flexible building systems for future potential DES connectivity.	Short	RMOW REX	Unchanged	Complete	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 REXIS	Unchanged	Not Initiated	No RMOW initiative at this time
6.2.2.8	Explore the feasibility of requiring energy modeling for new commercial buildings and significant renovations at building permit phase.	Med	RMOW REX	Yes	Ongoing	Internal planning under way to adopt step code for Part 3 Buildings and low carbon energy system pathways. This can be combined with the update of the Green Building Policy with support of the Climate Action Coordinator.
6.2.2.9	Support the trades, sub-trades, developers and building community with programs and initiatives designed to increase the uptake of energy efficient commercial building designs, programs and technologies in Whistler.	Med	RMOW REX/CCS	Yes	In Progress	A workshop with building experts from the CHBA was being held on November 5. The main goal was to discuss all building related Big Moves and to inform the final Big Moves strategy.
6.2.2.10	Maintain and update the RMOW Green Building Policy to modernize the framework and ensure that opportunities to increase energy performance outcomes are identified and leveraged during permit approval and rezoning processes (commercial, institutional and residential).	Long	RMOW IS	Unchanged	In Progress	Development of Green Building Policy in budget for 2021.

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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 IS	Unchanged	Not Initiated	No specific initiative led by RMOW staff at this time
6.3 Renewable Energy and Energy Supply Alternatives						
6.3.1.1	Encourage the use and fair commodity pricing of 'renewable' natural gas.	Short	RMOW REX	Unchanged	Not Initiated	No specific initiative led by RMOW staff at this time
6.3.1.2	Investigate and advance opportunities to incent electric heat pump systems to replace existing gas/propane/basic electric heating systems	Short	RMOW REX	Yes	Ongoing	Collaboration with the CEA, Squamish, and New Westminster has been initiated to increase the uptake on heat pump incentives through a 'one stop shop' concierge approach. A project grant proposal has been submitted to FCM to fund the pilot implementation.
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	Unchanged	Ongoing	Feasibility Study completed for the use of biomass boilers and a heat recovery system in the MPSC.
6.3.1.4	Support provincial building code extensions and other tools that maximize the extent that local building regulation can require or support renewable energy systems in local development and construction.	Short	RMOW IS	Yes	In Progress	Building permit and inspections for new builds ongoing.

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6.3.1.5	Develop a Renewable Energy Strategy to move Whistler toward the new 100% renewable energy target.	Med	RMOW REX	Unchanged	Not Initiated	The Climate Action Big Moves strategy includes renewable energy policies. Staff will not be developing a stand-alone Renewable Energy Strategy. The Big Moves Strategy was approved by council in December, 2020.
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	Unchanged	Ongoing	Feasibility study for biomass heating system at the Meadow Park Sport Center is currently being completed.
6.3.1.7	Develop and/or expand renewable energy pilot installations on appropriate municipal buildings and facilities.	Med	RMOW REX	Unchanged	Ongoing	Feasibility Study underway to explore the use of biomass boilers in the MPSC.
<i>Encourage the Addition of Responsible, Regional Renewables</i>						
6.3.2.1	Support local and regional renewable electricity production opportunities that include a careful assessment of potential negative impacts on ecosystem function, air quality, community character and visual aesthetics.	Short	RMOW REX	Unchanged	Not Initiated	No specific initiative led by RMOW staff at this time
6.3.2.2	Partner with utilities to provide feedback on the Integrated Resource Plans, and advocate for the inclusion of renewable energy provisions.	Med	RMOW REX	Unchanged	Not Initiated	No current IRP engagement at present (on mailing list)
<i>6.4 Solid Waste System-based GHG Emissions</i>						
<i>6.4.1 Materials Minimization and Diversion</i>						

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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	Yes	In Progress	Continued progress
6.4.1.2	Support the expansion of local compost diversion programs (marketing, education, pricing, infrastructure, etc....)	Short	RMOW IS	Yes	In Progress	Continued progress
6.4.1.3	Evaluate opportunities to require new development or significant redevelopment to incorporate meaningful measures to minimize solid waste during design and construction, deconstruct rather than demolish, and encourage alternative and evolving methods of waste diversion during building operation.	Short	RMOW REX	Unchanged	Not Initiated	No specific initiative led by RMOW staff at this time
6.4.1.4	Continue moving towards the Zero Waste goal endorsed in 2005 and update the municipal solid waste strategy to advance zero-waste goals, planning and actions.	Med	RMOW IS	Unchanged	In Progress	Work in progress
6.4.1.5	Support and promote the increased use of the Sustainable Events Guide and monitor performance outcomes for all key events.	Med	RMOW REX	Unchanged	Not Initiated	

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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	No new initiative proposed at this time beyond the engagement of BC Transit
6.4.1.7	Encourage the private sector to develop and/or participate in innovative, cost-effective and environmentally sustainable solid waste and recycling programs in support of achieving our Zero Waste goal.	Med	RMOW IS	Yes	In Progress	Zero Waste Committee stakeholder engagement continues to better understand existing reduction and diversion challenges.
6.4.1.8	Implement standardized SLRD signage across Whistler to improve recycling and composting rates.	Med	RMOW IS	Unchanged	Complete	Standard signage is included on all new bins.
6.4.2 Reduce Upstream Emissions from Goods and Services						
6.4.2.1	Support the creation of a 'sharing economy' working group to explore the best opportunities for sharing locally available skills and equipment as a means of increasing affordability, reducing new consumption and decreasing local waste production.	Short	RMOW IS	Unchanged	In Progress	Work in progress
6.4.2.2	Encourage the use of the Re-Build-It Centre and Re-Use it Centre for the reuse of building materials, products and to support community services.	Short	RMOW IS	Unchanged	Complete	Facilities are open again. Expansion of this waste reduction program will be part of the updated Zero Waste Action Plan.
6.4.2.3	Promote opportunities for education and learning related to food production and associated GHG and environmental impacts.	Short	RMOW REX	Unchanged	Not Initiated	No specific initiative led by RMOW staff at this time

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	Unchanged	Not Initiated	No specific initiative led by RMOW staff at this time
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	Yes	In Progress	A staff working group is currently being formed (Climate Innovation working group). The goal is to have 12 members from various RMOW departments. Meetings are monthly with the first one being set for Feb 11th, 2021.
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	The CARIP fund policy A-32 is currently being updated.
6.5.1.3	Create a Climate Action Coordinator position on municipal staff to lead the coordination and implementation of this CECAP and related energy and climate management responsibilities at the RMOW.	Short	RMOW REX	Unchanged	Complete	Complete
6.5.1.4	Review and consider the implementation of a FortisBC franchise fee and dedicate the incremental funds to EE programs	Short	RMOW REX	Unchanged	Not Initiated	No specific initiative led by RMOW staff at this time.
6.5.1.5	Consider use of cash-in-lieu parking fees for improvement of pedestrian, cycling, and transit infrastructure.	Short	RMOW IS	Unchanged	In Progress	
6.5.2 Actively Work With Other Levels of Government to Advance Shared Climate Goals						

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6.5.2.1	Lobby the Provincial government for further systematic increases in the BC Carbon Tax, and for a shift toward VKT-based car insurance structures (vehicle-kilometers-travelled-based).	Short	RMOW REX	Unchanged	Not Initiated	No specific initiative led by RMOW staff at this time.
6.5.2.2	Lobby the Provincial government for further systematic improvements to the BC Building Code that focus on building envelopes and energy efficiency.	Short	RMOW REX	Unchanged	Not Initiated	This is built into the Energy Step Code. The Energy Step Code focuses on building envelopes and energy efficiency. The issue is the Energy Step Code restricts energy usage per square meter not total energy consumption.
6.5.2.3	Lobby senior governments to encourage increased energy and GHG innovation in the automotive and aviation sectors.	Short	RMOW REX	Unchanged	Not Initiated	No specific initiative led by RMOW staff at this time.
6.5.2.4	Increase collaboration with neighboring S2S communities and the SLRD on climate-related issues.	Short	RMOW REX	Yes	In Progress	District of Squamish staff attends TAG as a guest.
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	Unchanged	Ongoing	No specific initiative led by RMOW staff at this time.
6.5.3 Support High Quality, Third-Party Verified Local Offset Products						
6.5.3.1	Encourage local organizations to support local carbon reduction projects like the Cheakamus Community Forest offset project.	Short	RMOW REX	Unchanged	Ongoing	No action taken in Q4

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6.5.3.2	Encourage local accommodation providers and booking companies to provide options for purchasing local offset products.	Short	RMOW REX	Unchanged	Ongoing	No action taken in Q4
6.5.3.3	Continue to meet municipal carbon neutral commitments through the purchase of locally and regionally sourced high quality, externally verified offset products (i.e.. Cheakamus Community Forest)	Short	RMOW REX	Unchanged	Ongoing	The RMOW has maintained its carbon neutral status every year since 2010. Annual offset purchases are now 100% sourced from the Cheakamus Community Forest. RMOW purchased offset credits for 2019 year.
ADAPTATION						
8.5.1 Minimize Wildfire Threats						
8.5.1.1	Continue to implement the Community Wildfire Protection Plan, including emphasis on public education and engagement.	Short	RMOW CCS / REX	Yes	Ongoing	Year-end totals: 16 neighborhood FireSmart projects supported. 348 homes used the FireSmart Community Chipper Service. 30 bins used throughout the community in wildfire vegetation management/reduction activities. 12 new neighborhoods assessed. 60 single family dwellings assessed.
8.5.1.2	Prioritize the implementation of the landscape-level wildfire management plan for the Cheakamus Community Forest area.	Short	RMOW REX	Yes	In Progress	Cheakamus Lake Road project began in December 2020 with expected completion date by February 28, 2021.

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8.5.1.3	Increase municipal and collaborative efforts around wildfire prevention with key corridor partners (i.e. MFLNRO, Sea to Sky fire rescue services, SLRD, Vancouver Coastal Health).	Short	RMOW CCS/ REX	Yes	Ongoing	Local FireSmart Representative workshop facilitation (develops new LFRs in BC with FireSmartBC [BCWS members])
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	Updating Whistler Alert with prepared messaging in response to incident specific events including wildfire
8.5.1.5	Develop private property wildfire risk reduction guidelines and implement through municipal policy and/or procedures.	Short	RMOW CCS	Yes	In Progress	Working with planning to write defining covenants in new developments along with assisting in permit approvals process
8.5.1.6	Review existing and consider more restrictive campfire and backyard fire bans and increase the enforcement of fire bans and ticketing/fines for offenses during high fire risk periods.	Short	RMOW CCS	Yes	Ongoing	WFRS responded to 59 illegal outdoor burning complaints in 2020, with the majority occurring in July, August, and September. Each were quickly extinguished either by the offender or the fire team. 2020 was a challenging year due to COVID, which may have led to an increase in the number of illegal burning complaints. The positive outcome is the community's awareness and diligence with informing WFRS of these fires, especially important during high and extreme fire rating periods
8.5.1.7	Consider creating Development Permit Areas for wildfire protection.	Short	RMOW REX	Yes	Complete	The Wildfire Protection Development Permit Area is included in the RMOW's new OCP, which was adopted on June 23, 2020.

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8.5.1.8	Lobby Provincial and Federal governments to increase funding for community and landscape level wildfire fuel reduction and response.	Med	RMOW REX	Yes	Ongoing	RMOW continues to discuss opportunities to collaborate. Province introduced new funding stream that includes wildfire fuel thinning. RMOW applied January 27, 2021.
8.5.1.9	Encourage private operators to implement wildfire prevention best practices for outdoor tourism and recreation facilities, particularly in and around high-risk interface areas.	Med	RMOW REX	Unchanged	Not Initiated	Nothing specific to private operators has been initiated but significant information is being shared with the general public.
8.5.1.10	Enhance collaborative efforts with regional partners to prevent and respond to wildfires (i.e. MFLNRO, Sea to Sky fire rescue services, SLRD, Vancouver Coastal Health).	Long	RMOW CCS	Yes	Ongoing	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). We continue to collaborate with Squamish, Garibaldi and Pemberton fire rescue on mutual aid protocols including wildfire readiness and equipment. Further, the RMOW/SLRD Fire Protection Services Agreement – Whistler Fire Rescue response to WedgeWoods Estate took effect in October 2020. This agreement includes a response to a wildfire events with tasking from BC Wildfire Services.
8.5.1.11	Lobby the Province to incorporate FireSmart principles into the BC Building Code.	Long	RMOW CCS	Yes	In Progress	Discussions have been initiated between FireSmart Canada and the CBC, CHBA
8.5.2 Minimize Congestion on Highway 99						
8.5.2.1	Facilitate, develop and promote alternative and mass transportation options to and from Whistler.	Short	RMOW IS	Yes	In Progress	No update in Q4.
8.5.3 Minimize Damage from Heavy Rain Events						

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8.5.3.1	Continue to conduct annual assessments of significant waterways to identify and mitigate high risk flood locations while respecting in-stream and riparian habitat regulations.	Short	RMOW IS	Yes	In Progress	New flood hazard mitigation information was reviewed with the design consultant.
8.5.3.2	Complete and implement a comprehensive update of the Whistler Integrated Storm water Management Plan (ISMP) that accounts for future climate change and related hydrologic changes within the lifespan of all existing and new infrastructure, buildings and developments. The ISMP should include key components of leading best practices in storm water management planning and risk assessment.	Med	RMOW IS	Unchanged	In Progress	In progress, no Q4 update
8.5.3.3	Complete and/or update floodplain mapping for all significant Whistler watersheds. Amend zoning and/or policies as needed to reflect adequate flood protection measures.	Med	RMOW IS	Yes	In Progress	Floodplain mapping updates received. A review of the recommendations from the accompanying report to be completed and the integration with the current RMOW policies and zoning to be planned.
8.5.3.4	Follow changes in risk-based insurance premiums and overland flood insurance and adapt as needed to changing context and regulations.	Med	RMOW IS	Unchanged	In Progress	No changes required yet.

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8.5.3.5	Review and adapt as appropriate emergency planning protocols for extreme weather occurrences and related impacts, in consideration of projected climate changes.	Med	RMOW IS	Unchanged	In Progress	No Q4 updates
8.5.3.6	Improve the design and maintenance of current and future outdoor recreation assets to better absorb heavy rain events (i.e. trails, roads and other activity infrastructure).	Med	RMOW REX	Unchanged	Ongoing	Being considered in Parks Master Plan, upcoming Recreation Trails Strategy, and annual work plans.
8.5.3.7	Consider improvements to signs and lighting for Highway 99 and municipal bridges with respect to weather and flooding alerts. Explore new or additional tools for monitoring at-risk areas.	Med	RMOW IS	Unchanged	Not Initiated	
8.5.3.8	Update relevant policies and plans aimed at protecting Whistler's potable water supply from contamination (i.e. 21 Mile Watershed Protection Plan and Groundwater Protection Plan) to consider additional potential impacts related to projected local climate changes.	Long	RMOW IS	Unchanged	Ongoing	

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8.5.3.9	Explore opportunities to improve sediment and erosion control requirements during development and construction.	Long	RMOW IS	Unchanged	Complete	Complete
8.5.3.10	Join the UN campaign "My City's Getting Ready!"	Long	RMOW REX	Unchanged	Not Initiated	No specific initiative led by the RMOW 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	Yes	In Progress	Water meter installation completed in Function Junction neighborhood, integration of water meter data into Tempest still ongoing.
8.5.4.2	Enhance public engagement, communications and social marketing initiatives to optimize water conservation efforts and emergency preparedness related to water shortages.	Short	RMOW IS	Unchanged	In Progress	
8.5.4.3	Explore opportunities to improve municipal irrigation systems to maximize efficiency.	Short	RMOW REX	Yes	In Progress	Budget approved for Park Irrigation Strategy in 2022. Will integrate with Infrastructure Service's related water metering and non-potable water irrigation projects.

8.5.4.4	Consider opportunities to increase and promote rainwater and grey water capture and use in public and private infrastructure.	Long	RMOW IS	Unchanged	Not Initiated	Will consider in Parks Irrigation Strategy.
8.5.5 Enhance Weather Independent Tourism Opportunities						
8.5.5.1	Consider the development of a comprehensive resort-wide product enhancement, communications and marketing strategy to improve and promote the range of weather-independent and all-season tourism and recreation opportunities.	Short	RMOW Economic Development	Unchanged	Ongoing	Ongoing - work continues to progress in line with Economic Partnership Initiative (EPI) work plan.
8.5.5.2	Explore possibilities to secure additional appropriate waterfront areas for parks and recreation as needed (according to carrying capacity research) to support long-term growth in summer visitation, while preserving the environmental values of new site(s).	Short	RMOW REX	Yes	Ongoing	Ongoing
8.5.5.3	Continue to advance both cultural tourism development and the expansion of complementary learning and education initiatives.	Short	RMOW REX	Yes	In Progress	<p>1. Interpretive Panels: ~90 new or refurbished panels have been installed during the past 3 years; ~60 new or refurbished panels will be installed during each of 2022 and 2023.</p> <p>2. Whistler 101 Sessions: the 5-part video series was launched on December 16 with Episode 1: <i>Geodiversity</i>. Episodes 2-5 - <i>Biodiversity, Indigenous Peoples, History & Heritage, The Arts</i> - will be released weekly through January. The response to the series will be monitored; plans are in development to ensure awareness of and interest in W101 remains high.</p>

8.5.5.4	Explore opportunities to develop easily-accessible and affordable non-skiing, snow-based winter activities above the valley.	Med	RMOW REX	Unchanged	Not Initiated	There is free snowshoeing and cross country skiing on groomed valley trails, plus the Olympic Plaza play area.
8.5.5.5	Explore opportunities to accelerate Whistler Blackcomb Bike Park and other multi-use trail expansion in both physical footprint and length of season.	Med	RMOW REX	Unchanged	Not Initiated	RMOW has no control over WB Bike Park. Increased trail length of season and expanded network – RMOW is launching the Recreation Trail Strategy in Q1 2021
8.5.5.6	Place emphasis in relevant municipal policies on re-purposing existing under-used space to diversify tourism economy and provide non-snow-dependent recreation opportunities; remove barriers and encourage innovation.	Med	RMOW REX	Unchanged	Ongoing	Parks Master Plan deadline update - anticipated completion Q2 2021
8.5.6 Improve Ski Infrastructure for Weather Variability						
8.5.6.1	Anticipate snowline changes and consider building, improving and/or moving lifts, trails and other infrastructure accordingly to maintain and enhance terrain quality and user experience.	short	RMOW REX	Unchanged	Not Initiated	Not RMOW lead.
8.5.6.2	Continue to improve summer/fall grooming, trail surfacing and snowmaking operations at lower elevations to facilitate more effective snow management in low-snow conditions for alpine and cross-country ski trails.	med	RMOW REX	Unchanged	Not Initiated	Not RMOW lead.

8.5.6.3	Consider the potential to offer a Whistler Blackcomb combination ski/bike park pass and promote the overlap of recreation offerings earlier and later in the respective seasons.	long	RMOW REX	Unchanged	Not Initiated	Not RMOW lead.
8.5.6.4	Investigate potential land exchanges to optimize potential ski terrain.	long	RMOW REX	Unchanged	Not Initiated	Not RMOW lead.
8.5.6.5	Investigate opportunities to develop and/or improve policies related to alpine land use and development, with emphasis on enhancing recreation offerings and protecting the environment.	long	RMOW REX	Unchanged	Ongoing	RMOW Parks Planning staff continue to improve alpine trail and front country recreational experiences. Alpine Rangers program and interpretive signs are in place and planned for 2021.
8.5.7 Minimize Threats to Ecosystems, Biodiversity and the CCF						
8.5.7.1	Improve invasive species management efforts related to increasing pressures associated with a changing climate.	Short	RMOW REX	Unchanged	Ongoing	The RMOW budgeted for invasive species management in 2021 and will be engaging SSISC again. Kick off meeting to be held soon.
8.5.7.2	Develop and implement a Biodiversity Conservation Strategy that considers climate change and includes recommendations to monitor and protect ecosystem health and biodiversity from pressures including climate change.	Med	RMOW REX	Unchanged	In Progress	Consultant and Environmental Stewardship staff continue to develop priority habitat protection framework.
8.5.7.3	Conduct research and modify Cheakamus Community Forest management plans and practices to minimize risks related to climate change.	Med	RMOW REX	Unchanged	Complete	CCF continues to review options for making forest more resilient to climate change and wildfire.