

## CECAP QUARTERLY UPDATE: October - December 2019

ACTION #	RECOMMENDED ACTION	TIMING	Progress since last update	Action Status	Q4 Update
<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	Yes	Ongoing	<ul style="list-style-type: none"> <li>• Commitment to complete and compact neighbourhoods is still in place.</li> <li>• OCP received 3rd reading July 23, 2019</li> <li>• Significant progress on WHA housing in Cheakamus, delivering compact community development in energy efficient housing, linked to transit.                             <ul style="list-style-type: none"> <li>• 1020 Legacy Way - Passive House Building with 24 units, tenants moved in in November. Adjacent to transit.</li> <li>• 3850 Bear Paw Trail, Rainbow: 20 Seniors units located adjacent to transit.</li> <li>• 1330 Cloudburst Drive: 45 units BC Step Code 3. Broke ground in Q3, to be completed in 2021, connected to transit.</li> </ul> </li> </ul>
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	Unchanged	Not Initiated	

6.1.1.3	Adhere to the Whistler Urban Development Containment Area (WUDCA) as a means of reducing automobile trip	Short	Unchanged	Ongoing	• 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	Short	Unchanged	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	Short	Unchanged	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	Short	Unchanged	Ongoing	
<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	Unchanged	Ongoing	RMOW staff invited to participate in a meeting in 2020 Q1 organized by the Chamber of Commerce with Private Carriers.
6.1.2.2	Support the expansion, promotion and increased convenience of mass transportation services between Vancouver and Whistler	Short	Unchanged	Ongoing	RMOW staff invited to participate in a meeting in 2020 Q1 organized by the Chamber of Commerce with Private Carriers.

6.1.2.3	Develop a public realm with improved multi-modal integration and comfortable, convenient transition areas – Bus Loop/taxi loop	Short	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	Short	Yes	In Progress	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 informing of tips to reduce GHG emissions, including using transit and carpooling.
6.1.2.5	Advance all potential opportunities to avoid increases in local transit fares.	Short	Yes	Ongoing	<ul style="list-style-type: none"> <li>• Pilot project to extend free transit to high school students announced in Q4 2019. Program set to commence in 2020.</li> <li>• Monthly pass rates remain at the reduced price.</li> </ul>
6.1.2.6	Continue to pass the infrastructure, maintenance, congestion, environmental and land costs of road and	Med	Unchanged	In Progress	<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>
6.1.2.7	Optimize the road network and highway to prioritize the flow of high occupancy vehicles	Med	Unchanged	In Progress	Received revised final draft of Highway Capacity Study from MOTI.
6.1.2.8	Strategically expand transit system service levels and frequency where possible and affordable	Med	Yes	Ongoing	<ul style="list-style-type: none"> <li>• Winter 2019/2020 expansion effective December 7, 2019.</li> <li>• Next expansion effective April 1, 2020.</li> <li>• Preparing request for expansion hours and vehicles effective April 1, 2021.</li> </ul>
6.1.2.9	Explore and consider opportunities to link Whistler Blackcomb and other local business products with (discounted) local and	Med	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	Long	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	Long	Unchanged	Not Initiated	• No new regional air services are proposed at this time
<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	Yes		
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	Short	Yes	In Progress	• Planning for expansion of Bike Valet Services for spring/summer 2020
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	Short	Yes	In Progress	Planning for Maytober Challenge 2020 to encourage residents and visitors to take tangible steps to reduce emissions.
6.1.3.4	Where opportunities exist, prioritize the optimization and enhancement of pedestrian infrastructure and safety throughout the community	Med	Yes	In Progress	Grant applications considered to access funding to improve pedestrian safety at key locations along Valley Trail network.

**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	Yes	In Progress	<ul style="list-style-type: none"> <li>- Ongoing engagement with NRCan on grant application for 28 EV chargers</li> <li>- Climate Change Coordinator collaborating with BC Hydro and other local governments for collective problem solving to accelerate transport electrification</li> <li>- Engagement with BC Government to broaden municipal top ups for energy efficiency incentives to include home and office EV chargers (currently program is limited to building energy use)</li> <li>- Climate Change Coordinator part of a research group to accelerate electrification of medium- and heavy-duty fleets.</li> <li>- RMOW fleet manager participated at the BC West Coast Electric Fleet Symposium</li> <li>• Whistler Transit System received 2 expansion CNG vehicles</li> </ul>
6.1.4.2	RMOW to aggressively advance the average fleet GHG and energy efficiency of the municipal vehicle fleet.	Short	Yes	Ongoing	<ul style="list-style-type: none"> <li>- RMOW fleet manager participated at the BC West Coast Electric Fleet Symposium</li> </ul>
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	Short	Unchanged	Not Initiated	<ul style="list-style-type: none"> <li>• No specific initiative led by RMOW staff at this time</li> </ul>

6.1.4.4	Integrate electric vehicles into existing private and public fleets (transit/delivery/taxis/shuttles)	Med	Yes	In Progress	<ul style="list-style-type: none"> <li>- Climate Change Coordinator attended leading EV and sustainable transport conference, learning much about new business models to accelerate electrification of private and public fleets.</li> <li>- Internal discussions on what fleets to best engage with new business model ideas</li> </ul>
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	Med	Yes	In Progress	<ul style="list-style-type: none"> <li>• Whistler Bike Valet service for 2020 will target ebikes.</li> </ul>
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	Yes	In Progress	<ul style="list-style-type: none"> <li>- Climate Change Coordinator and WB staffer attended a workshop with province and other leading LGs on how to support the province's clean transport strategy.</li> <li>- internal planning and discussion on the way to further advance incentives beyond EV chargers to EV drivers.</li> <li>- Staff currently studying how to accelerate EV charger uptake in MURBs (seen as a key barrier to EF infrastructure deployment).</li> </ul>
6.1.4.7	Profile ultra-low emission private vehicle fleets (hotels, commercial recreation, as appropriate).	Med	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	Unchanged	Complete	<ul style="list-style-type: none"> <li>• Bylaw department is now fully staffed, making it more possible to enforce this bylaw.</li> </ul>

6.1.4.9	Invest in electric vehicle integration across municipal fleet	Med	Yes	In Progress	<ul style="list-style-type: none"> <li>- EV charger at Municipal Hall updated from single charger to advanced dual-port charger, doubling charging capacity at Municipal Hall</li> <li>- RMOW fleet manager participated at the BC West Coast Electric Fleet Symposium</li> <li>- EV charger</li> </ul>
6.1.4.10	Encourage local commercial recreation and leisure operators to minimize the GHG emissions associated	Med	Unchanged	In Progress	
6.1.4.11	Develop a social marketing initiative to drive the use and purchase of more efficient vehicles.	Long	Yes	In Progress	<ul style="list-style-type: none"> <li>- 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. Campaign to launch in early 2020.</li> </ul>
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	Long	Unchanged	Ongoing	<ul style="list-style-type: none"> <li>• Car pool parking pass for Day Lots 4-5 still available and a more cost effective option, encouraging car pooling.</li> <li>- Car pooling part of social media outreach campaign on steps locals can take to reduce emissions.</li> </ul>
<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	Yes	In Progress	<ul style="list-style-type: none"> <li>- Staff is collaborating with the province to broaden the municipal top up incentive program for home and MURB EV chargers.</li> <li>• Increased benefits are shared on website, e-mails, and part of an upcoming social media outreach campaign (as mentioned in 6.1.4.11)</li> </ul>
6.2.1.2	Support and encourage Energuide energy labeling on homes for sale	Short	Unchanged	In Progress	<ul style="list-style-type: none"> <li>• Regular promotion of EfficiencyBC incentives through social media, newsletter, website and poster/ word of mouth at the Building Department</li> <li>• Poster for EfficiencyBC updated to reflect increased rebate offer.</li> <li>• Power Down to Save up continues to offer rebates for home energy assessment</li> </ul>

6.2.1.3	Expand the integration of climate change, energy efficiency and water conservation literacy into school programs and curriculum.	Short	Yes	In Progress	- Environmental Stewardship department is financially supporting a local ENGO workshop that engages high school students on climate issues.
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	Yes	In Progress	<ul style="list-style-type: none"> <li>• 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.</li> </ul>
6.2.1.5	Continue to optimize performance outcomes of the Cheakamus Crossing DES and apply learning to future projects	Short	Yes	Ongoing	New information from the consultant was recently received regarding an update to the DES rate structure and confirmation of the current capacity of the system.
6.2.1.6	Advance opportunities to reduce the direct heating of outdoor areas (i.e. heated driveways, heated stairs, patio heaters, outdoor gas	Long	Unchanged	In Progress	- Internal discussions on the way on how to limit various forms of outdoor heating. Currently studying the issue, RMOW tools to address this, and how to engage key stakeholders
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.	Long	Yes	In Progress	<ul style="list-style-type: none"> <li>• 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.</li> </ul>
<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,	Short	Unchanged	Not Initiated	<ul style="list-style-type: none"> <li>• No specific initiative led by RMOW staff at this time</li> </ul>



6.2.1.9	Develop and implement a social marketing campaign with incentives to increase audits, uptake of incentive programs and associated energy	Short	Yes	In Progress	Social media campaign being developed to inform of accessible steps residents can take to lower GHG emissions, including accessing the provincial and RMOW efficiency and audit incentives.
6.2.1.10	Support and improve staff training on energy efficiency practices across hotel operations (start-up practices etc....)	Short	Yes	In Progress	- RMOW staff have reached out to senior managers of large hotels in Whistler to identify opportunities to deploy low carbon energy systems, encourage learning from leading buildings in Whistler, and to explore the branding potential of taking strong collective action on GHGs.
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	Yes	In Progress	- RMOW staff have reached out to senior managers of large hotels in Whistler to identify opportunities to deploy low carbon energy systems, encourage learning from leading buildings in Whistler, and to explore the branding potential of taking strong collective action on GHGs. -options identified include allowing hotels benchmark against the sector's overall performance.
6.2.1.12	Promote increased awareness of Energy Performance Contracting and other energy efficiency	Short	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	Yes	In Progress	- RMOW staff have reached out to senior managers of large hotels in Whistler to identify opportunities to deploy low carbon energy systems, encourage learning from leading buildings in Whistler, and to explore the branding potential of taking strong collective action on GHGs. -options identified include allowing hotels benchmark against the sector's overall performance.
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	Med	Unchanged	In Progress	- Internal discussions on the way on how to limit various forms of outdoor heating. Currently studying the issue, RMOW tools to address this, and how to engage key stakeholders

6.2.1.15	Encourage existing multi-tenant or multi-owner commercial buildings to maintain or add individually metered energy use (i.e.	Med	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	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	Yes	In Progress	- Staff is exploring holding a workshop on heat pump installation for Part 3 and Part 9 buildings. This includes hiring a leading engineering consultancy specializing in low carbon energy systems to identify how to best choose and install a heat pump system for Whistler's climate.
6.2.2.2	Streamline the development of passive house-certified, and net-zero residential buildings using tools such as accelerated permit processing.	Short	Unchanged	Ongoing	• Building Department focussed on the successful roll out of Energy Step Code (Part 9) and for implementation of Energy Step Code for Part 3
6.2.2.3	Explore the feasibility for requiring energy modeling for new residential buildings and significant renovations at building permit phase.	Med	Unchanged	In Progress	• Energy Step code in place, which requires energy modelling for new residential construction (Part 9).

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	Yes	In Progress	- As of early 2019, rezoning for Part 9 to allow for full basement excluded from square footage requires 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.	Long	Unchanged	Not Initiated	• No specific initiative led by RMOW staff at this time
<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	Short	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	Yes	In Progress	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	Yes	In Progress	- Energy Step Code for Part 3 buildings planned for 2020. All levels of the Energy Step Code require energy modelling.
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,	Med	Yes	In Progress	- Staff is exploring holding a workshop on heat pump installation for Part 3 and Part 9 buildings. This includes hiring a leading engineering consultancy specializing in low carbon energy systems to identify how to best choose and install a heat pump system for Whistler's climate.
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	Long	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.	Long	Unchanged	Not Initiated	• No specific initiative led by RMOW staff at this time
<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	Yes	In Progress	- RMOW staff in touch with Fortis to be a priority customer for upcoming new RNG supply (RNG program currently fully allocated).
6.3.1.2	Investigate and advance opportunities to incent electric heat pump systems to replace existing gas/propane/basic electric heating systems	Short	Yes	In Progress	<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> <li>• Incentive broadened to include \$2,000 incentive rebate for electric heat pump hot water tanks.</li> </ul>
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	Short	Yes	In Progress	- RMOW received solar PV feasibility study for MPSC. Economics are challenging.
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	Short	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	Med	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	Yes	In Progress	- Identified biomass heating for MPSC as a potential candidate for pilot project financing with a federal agency.
6.3.1.7	Develop and/or expand renewable energy pilot installations on appropriate municipal buildings and facilities.	Med	Yes	In Progress	<ul style="list-style-type: none"> <li>- RMOW received solar PV feasibility study for MPSC. Economics are challenging.</li> <li>- Identified biomass heating for MPSC as a potential candidate for pilot project financing with a federal agency.</li> </ul>
<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	Short	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	Med	Unchanged	Not Initiated	• No current IRP engagement at present (on mailing list)
<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	Short	Unchanged	Ongoing	
6.4.1.2	Support the expansion of local compost diversion programs (marketing, education, pricing,	Short	Yes	Ongoing	New solid waste technician expected to start work in late January.
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	Short	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-	Med	Yes	In Progress	Second meeting of Zero Waste Committee expected in Q1 2020.
6.4.1.5	Support and promote the increased use of the Sustainable Events Guide and monitor performance outcomes for all key events.	Med	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	Med	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	Med	Yes	Ongoing	New solid waste technician expected to start work in late January.
6.4.1.8	Implement standardized SLRD signage across Whistler to improve recycling and composting rates.	Med	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	Short	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	Short	Unchanged	Complete	
6.4.2.3	Promote opportunities for education and learning related to food production and associated GHG and environmental impacts.	Short	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	Unchanged	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	Yes	In Progress	- Internal planning underway to create a climate advisory group. This planning is in part to prioritize highest impact actions in CECAP.
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	Yes	In Progress	<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 (EV travel is a major energy efficiency initiative, switching from 15-20% efficient combustion engines to 90-95% efficient electric motors.</li> </ul>
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	Short	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	Short	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	Short	Yes	Ongoing	• Considered as an option in the Glacier 8 project for the variance of required 52 parking stalls.
<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-	Short	Yes	Ongoing	• 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	Yes	In Progress	- Climate Change Coordinator collaborating with other local governments to give LGs more direct control over GHG emissions at the building and lot level.
6.5.2.3	Lobby senior governments to encourage increased energy and GHG innovation in the	Short	Unchanged	Not Initiated	• 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	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	Yes	In Progress	- Whistler's 100% renewable energy goal was identified as a topic of discussion in forthcoming stakeholder and community engagement, including for planned internal advisory group that helps prioritize the highest impact CECAP actions.
<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	Unchanged	In Progress	RMOW purchased 2018 carbon offsets in Q4 2019. CCF is in final stages of registering 2014-2018 tranche of carbon offsets at which time CCF will do outreach to other organizations to purchase.
6.5.3.2	Encourage local accommodation providers and booking companies to provide options for purchasing	Short	Yes	In Progress	This was discussed in engagement between the Climate Change Coordinator and senior staff from several of Whistler's largest hotels
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	Yes	Ongoing	- RMOW completed offset purchase for RMOW corporate and contractor based emissions for 2018 in Q4
<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	Yes	Ongoing	Alpine Axeceleration completed 8 hectares of thinning at Spruce Grove in autumn 2019. CCF began work on next section of Cheakamus Lake Road fuel break.
8.5.1.2	Prioritize the implementation of the landscape-level wildfire management plan for the Cheakamus Community Forest area.	Short	Unchanged	Ongoing	Work on Cheakamus Lake Road phase II fuel thinning was begun. Discussions held with FLNRO regarding RMOW's opportunity with the new Wildfire Risk Reduction program. Priority projects to be submitted in January 2020.
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	Unchanged	Ongoing	The RMOW continues to engage with relevant corridor partners and provincial agencies on wildfire risk reduction.
8.5.1.4	Continue to review and update pre-incident and emergency response plans and communication protocols for wildfire situations.	Short	Yes	Ongoing	Continuing as previously described.
8.5.1.5	Develop private property wildfire risk reduction guidelines and implement through municipal policy and/or procedures.	Short	Yes	Ongoing	Wildfire DPA brochure printed and ready for distribution once OCP passed.

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	Unchanged	In Progress	Nothing additional in Q4.
8.5.1.7	Consider creating Development Permit Areas for wildfire protection.	Short	Unchanged	In Progress	Done and waiting for OCP adoption.
8.5.1.8	Lobby Provincial and Federal governments to increase funding for community and landscape level wildfire	Med	Unchanged	Ongoing	Nothing further on this in Q4. New provincial Wildfire Risk Reduction funding program announced.
8.5.1.9	Encourage private operators to implement wildfire prevention best practices for outdoor tourism and recreation facilities, particularly in	Med	Unchanged	Not Initiated	Nothing additional in Q4.
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	Yes	Ongoing	All plans described previously still in effect and reviewed regularly.
8.5.1.11	Lobby the Province to incorporate FireSmart principles into the BC	Long	Unchanged	Not Initiated	Nothing additional in Q4.
<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	Unchanged	Ongoing	Ongoing discussions with corridor partners and province.
<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	Short	Unchanged	In Progress	Nothing additional in Q4.
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	Med	Unchanged	In Progress	Nothing additional in Q4.
8.5.3.3	Complete and/or update floodplain mapping for all significant Whistler watersheds. Amend zoning and/or policies as needed to reflect	Med	Unchanged	In Progress	Nothing additional in Q4.
8.5.3.4	Follow changes in risk-based insurance premiums and overland flood insurance and adapt as needed to	Med	Unchanged	Ongoing	Nothing additional in Q4.
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	Yes	In Progress	Flood response training exercise held in Q4 2019.
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	Med	Unchanged	In Progress	Nothing additional in Q4.

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	Med	Unchanged	Not Initiated	•No specific initiative led by RMOW staff at this time
8.5.3.8	Update relevant policies and plans aimed at protecting Whistler's potable water supply from contamination (i.e. 21 Mile Watershed Protection Plan and Groundwater Protection Plan) to consider	Long	Unchanged	Complete	
8.5.3.9	Explore opportunities to improve sediment and erosion control requirements during development and construction.	Long	Unchanged	Complete	
8.5.3.10	Join the UN campaign "My City's Getting	Long	Unchanged	Not Initiated	•No specific initiative led by RMOW staff at this time
<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	Short	Unchanged	In Progress	Nothing additional in Q4.
8.5.4.2	Enhance public engagement, communications and social marketing initiatives to optimize water conservation	Short	Unchanged	In Progress	Nothing additional in Q4.
8.5.4.3	Explore opportunities to improve municipal irrigation systems to maximize efficiency.	Short	Yes	In Progress	Nothing additional in Q4.
8.5.4.4	Consider opportunities to increase and promote rainwater and grey water capture and use in public and private	Long	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-	Short	Unchanged	In Progress	Nothing additional in Q4.
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,	Short	Unchanged	In Progress	Nothing additional in Q4.
8.5.5.3	Continue to advance both cultural tourism development and the expansion of complementary learning and education initiatives.	Short	Unchanged	In Progress	Nothing additional in Q4.
8.5.5.4	Explore opportunities to develop easily-accessible and affordable non-skiing,	Med	Unchanged	Not Initiated	Nothing additional in Q4.
8.5.5.5	Explore opportunities to accelerate Whistler Blackcomb Bike Park and other multi-use trail expansion in both	Med	Unchanged	In Progress	Nothing additional in Q4.
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	Med	Unchanged	In Progress	Nothing additional in Q4.
<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	short	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	med	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	long	Unchanged	Not Initiated	
8.5.6.4	Investigate potential land exchanges to optimize potential ski	long	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	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	Short	Unchanged	Ongoing	SSISC and RMOW will continue to work together. Services agreement for 2020 will be signed in January.
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	Med	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	Med	Unchanged	Complete	The CCF is aware of this issue and implemented changes to harvesting and silviculture plans to adapt.



