

**CECAP QUARTERLY UPDATE: APRIL - JUNE 2019**

| ACTION #  | RECOMMENDED ACTION  | TIMING | RMOW LEAD | Progress since last update | Action Status | Q2 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  | RMOW REX  | Unchanged                  | In Progress   | Commitment to complete and compact neighbourhoods is still in place.   |
| 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                  | In Progress   |  |
| 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       | OCP due to receive 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   | OCP due to receive 3rd reading July 23, 2019   |
| 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   | OCP due to receive 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       | OCP due to receive 3rd reading July 23, 2019   |
| <b>6.1.2 Advance Local and Regional Mass Transportation Service</b>             |   |        |           |                            |               |  |
| 6.1.2.1   | Work with regional passenger carriers and provincial regulatory bodies to encourage greater frequency and more affordable choices for regional bus travel   | Short  | RMOW IS   | Unchanged                  | In Progress   | <ul style="list-style-type: none"> <li>• RMOW staff have responded to referrals on this issue and made specific requests for encouraging better flexibility for motor carriers that would allow them to respond to passenger's needs. Work continues.</li> </ul> |

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| 6.1.2.2  | Support the expansion, promotion and increased convenience of mass transportation services between Vancouver and Whistler   | Short | RMOW IS                   | Unchanged | In Progress   | Funding proposal has been rejected by Prov Govt. Staff to meet to discuss alternatives.   |
| 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 | In Progress   | 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                   | Unchanged | Not Initiated | Work on community-based social marketing did not continue in spring 2019.   |
| 6.1.2.5  | Advance all potential opportunities to avoid increases in local transit fares.  | Short | RMOW IS                   | Unchanged | Complete      | Monthly pass rates remain at the reduced price.   |
| 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   | User pay parking in high-demand areas in Whistler Village continues.  |
| 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   | RMOW has received the final draft of the Highway Capacity Study from MOTI and are reviewing the recommendations.  |
| 6.1.2.8  | Strategically expand transit system service levels and frequency where possible and affordable  | Med   | RMOW IS                   | Unchanged | In Progress   | An additional 2,500 expansion hours are being added to the 2019/2020 Whistler transit schedule. The majority of these hour are dedicated to continued pilot project through spring, summer & fall 2019 because of winter program success. |
| 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   |

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| 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  |
| <b>6.1.3 Activate Walking, Biking and other Forms of Healthy Transportation</b>              |  |       |                           |           |               |   |
| 6.1.3.1  | Prioritize the recommendations of and regularly update the Whistler Transportation Cycling Plan and the Whistler Recreational Cycling Plan in planning for the pedestrian and bicycle network.   | Short | RMOW REX                  | Unchanged | In Progress   | Projects initiated in Q2: New 1.8 km Millar Creek valley trail with lighting, 50% complete. New 900m valley trail with lighting from Prism property to Highway 99. New 1.5km valley trail from Rainbow Park to Scotia Creek in planning stage. Trail lighting additions on valley trail between Village Gate Blvd and Lorimer Rd. |
| 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   | The underground bike parking has been better advertised for Spring / Summer 2019 and more people are using this facility.   |
| 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 | Same as 6.1.2.4   |
| 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   | Sidewalks and crosswalks installed in Function Junction.  |
| <b>6.1.4 Support Electrification, and the Adoption of other Low Carbon Transport Options</b> |  |       |                           |           |               |   |
| 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   | Discussions underway internally to coordinate planning and access to provincial funding.  |
| 6.1.4.2  | RMOW to aggressively advance the average fleet GHG and energy efficiency of the municipal vehicle fleet.   | Short | RMOW IS                   | Unchanged | In Progress   |   |

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| 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 | • 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) | Unchanged | In Progress   | RMOW staff have initiated discussions with BC Transit about Electric Transit vehicles for Whistler. They will be tested in Victoria and then deployed around BC as service is expanded. |
| 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   | Council Policy before Council for consideration July 9, 2019  |
| 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) | Unchanged | In Progress   | Ongoing consideration of this action through the lens of our overall parking strategy and the work of the TAG.  |
| 6.1.4.7   | Profile ultra-low emission private vehicle fleets (hotels, commercial recreation, as appropriate).   | Med   | RMOW IS                   | Unchanged | Not Initiated | • No specific initiative led by RMOW staff at this time   |
| 6.1.4.8   | Increase the enforcement of the Whistler anti-idling bylaw.  | Med   | RMOW CCS (previously CAO) | Unchanged | Complete      |   |
| 6.1.4.9   | Invest in electric vehicle integration across municipal fleet  | Med   | RMOW IS                   | Unchanged | In Progress   | Grants for additional charging stations are being investigated.   |
| 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) | Unchanged | Ongoing       |   |
| 6.1.4.11  | Develop a social marketing initiative to drive the use and purchase of more efficient vehicles.  | Long  | RMOW REX (previously CAO) | Unchanged | Not Initiated | • No specific initiative led by RMOW staff at this time   |
| 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                   | Yes       | In Progress   | Staff survey completed by JSJC reps   |
| <b>6.2 Stationary Energy Use – Buildings &amp; Infrastructure GHG Emissions</b> |  |       |                           |           |               |   |
| <b>Existing Residential Buildings</b>   |  |       |                           |           |               |   |

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| 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)     | Unchanged | In Progress   | Research into expanding to add Part 3 buildings throughout 2019. Regular promotion of EfficiencyBC incentives through social media, newsletter, website and poster/ word of mouth at the Building Department. Working with the province to provide feedback on efficiencybc website and incentives. |
| 6.2.1.2 | Support and encourage Energuide energy labeling on homes for sale   | Short | RMOW REX (previously CAO)     | 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> </ul>   |
| 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)     | Unchanged | In Progress   | FireSmart sessions continue.  |
| 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) | Unchanged | Not Initiated |   |
| 6.2.1.5 | Continue to optimize performance outcomes of the Cheakamus Crossing DES and apply learning to future projects   | Short | RMOW IS                       | Yes       | In Progress   | DES modelling work underway.  |
| 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   | OCP due to receive 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)     | Unchanged | Not Initiated | <ul style="list-style-type: none"> <li>No specific initiative led by RMOW staff at this time</li> </ul>   |

| <b>Existing Commercial Buildings and Infrastructure</b>  |  |       |                           |           |               |  |
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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 (previously CAO) | 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 (previously CAO) | Unchanged | In Progress   | • 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) | Unchanged | Not Initiated | • No specific initiative led by RMOW staff at this time  |
| 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) | Unchanged | Not Initiated | Climate Change Coordinator started June 10, 2019   |
| 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   |  |
| 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) | Unchanged | Not Initiated | • No specific initiative led by RMOW staff at this time  |
| <b>6.2.2 Ensure the Most Energy Efficient and Comfortable New Buildings and Infrastructure as Possible</b> |  |       |                           |           |               |  |
| <b>New Residential Buildings</b>   |  |       |                           |           |               |  |

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| 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<br>REX<br>(previously<br>CAO)     | Yes       | In<br>Progress   | The Building Department is considering holding two open house events in 2019 in regards to Certified Energy Modelling of existing and new Part 9 buildings. Will also plan an open house for the future implementation of Part 3 Energy Step Code. |
| 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<br>REX                            | Unchanged | In<br>Progress   | <ul style="list-style-type: none"> <li>• Building Department focussed on the successful roll out of Energy Step Code (Part 9)</li> </ul>   |
| 6.2.2.3   | Explore the feasibility for requiring energy modeling for new residential buildings and significant renovations at building permit phase.  | Med   | RMOW<br>REX                            | Unchanged | In<br>Progress   | <ul style="list-style-type: none"> <li>• Building Department focussed on the successful roll out of Energy Step Code (Part 9)</li> </ul>   |
| 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<br>REX<br>(previously<br>CAO)     | Unchanged | Ongoing          |  |
| 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<br>REX/CCS<br>(previously<br>CAO) | Unchanged | Not<br>Initiated |  |
| <b>Existing Commercial Buildings and Infrastructure</b> |  |       |  |           |                  |  |
| 6.2.2.6   | Designate Whistler Village as a District Energy Investigation Area to encourage flexible building systems for future potential DES connectivity.   | Short | RMOW<br>REX                            | Unchanged | In<br>Progress   |  |
| 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<br>REX/CCS<br>(previously<br>CAO) | Unchanged | Not<br>Initiated | <ul style="list-style-type: none"> <li>• Integration of Energy Step Code requirements for Part 3 Buildings (complex buildings) will be considered by staff in 2019</li> <li>• No specific initiative led by RMOW staff at this time</li> </ul>     |
| 6.2.2.8   | Explore the feasibility of requiring energy modeling for new commercial buildings and significant renovations at building permit phase.  | Med   | RMOW<br>REX                            | Unchanged | In<br>Progress   |  |

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| 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<br>REX/CCS<br>(previously<br>CAO) | Unchanged | In<br>Progress   |   |
| 6.2.2.10  | Maintain and update the RMOW Green Building Policy to modernize the framework and ensure that opportunities to increase energy performance outcomes are identified and leveraged during permit approval and rezoning processes (commercial, institutional and residential). | Long  | RMOW<br>REX/CCS<br>(previously<br>CAO) | Unchanged | In<br>Progress   |   |
| 6.2.2.11  | Encourage new multi-tenant or multi-owner commercial buildings to have individually metered energy use (i.e. encourage user-pays principle).  | Long  | RMOW<br>REX/CCS<br>(previously<br>CAO) | Unchanged | Not<br>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 | RMOW<br>REX                            | Unchanged | Not<br>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<br>REX                            | Unchanged | In<br>Progress   |   |
| 6.3.1.3   | Evaluate the potential for including support for local renewable energy installations within future energy and/or climate related community-based social marketing campaigns.   | Short | RMOW<br>REX                            | Unchanged | Not<br>Initiated | • No specific initiative led by RMOW staff at this time |
| 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<br>REX                            | Unchanged | Ongoing          |   |
| 6.3.1.5   | Develop a Renewable Energy Strategy to move Whistler toward the new 100% renewable energy target.   | Med   | RMOW<br>REX                            | Unchanged | Not<br>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<br>REX                            | Unchanged | Not<br>Initiated | • No specific initiative led by RMOW staff at this time |
| 6.3.1.7   | Develop and/or expand renewable energy pilot installations on appropriate municipal buildings and facilities.   | Med   | RMOW<br>REX                            | Unchanged | Not<br>Initiated | • No specific initiative led by RMOW staff at this time |
| <b>Encourage the Addition of Responsible, Regional Renewables</b> |   |       |  |           |                  |   |
| 6.3.2.1   | Support local and regional renewable electricity production opportunities that include a careful assessment of potential negative impacts on ecosystem function, air quality, community character and visual aesthetics.  | Short | RMOW<br>REX                            | Unchanged | Not<br>Initiated | • No specific initiative led by RMOW staff at this time |



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| 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)  |
| <b>6.4 Solid Waste System-based GHG Emissions</b> |  |       |                           |           |               |   |
| <b>6.4.1 Materials Minimization and Diversion</b> |  |       |                           |           |               |   |
| 6.4.1.1   | Support the implementation of a strong SLRD Solid Waste Management Plan - with strong targets and actions, regional collaboration, and continued avoidance of waste/garbage incineration as part of the Plan.  | Short | RMOW IS                   | Yes       | In Progress   | New 5-year contract for composter operation has been executed.  |
| 6.4.1.2   | Support the expansion of local compost diversion programs (marketing, education, pricing, infrastructure, etc...)  | Short | RMOW IS                   | Yes       | In 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                   | Yes       | In Progress   | Terms of Reference for Zero Waste committee being developed.  |
| 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                  | Yes       | In Progress   | Events Bylaw before Council for consideration July 9, 2019  |
| 6.4.1.6   | Evaluate and support implementation of efficient and convenient methods of collecting solid waste, recyclables and compost for people utilizing preferred methods of transportation.   | Med   | RMOW IS                   | Unchanged | Complete      |   |
| 6.4.1.7   | Encourage the private sector to develop and/or participate in innovative, cost-effective and environmentally sustainable solid waste and recycling programs in support of achieving our Zero Waste goal.   | Med   | RMOW IS                   | Yes       | In Progress   | Solid Waste Technician is organizing an outreach program to better inform businesses about their options and responsibilities regarding waste management. |

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| 6.4.1.8   | Implement standardized SLRD signage across Whistler to improve recycling and composting rates.   | Med   | RMOW IS                   | Yes       | In Progress   | New compost bins installed in Village area.                |
| <b>6.4.2 Reduce Upstream Emissions from Goods and Services</b>                          |  |       |                           |           |               |  |
| 6.4.2.1   | Support the creation of a 'sharing economy' working group to explore the best opportunities for sharing locally available skills and equipment as a means of increasing affordability, reducing new consumption and decreasing local waste production. | Short | RMOW IS                   | Unchanged | In Progress   | Will be integrated with Zero Waste Committee               |
| 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                  | Unchanged | In Progress   | RMOW staff attends Squamish Lilloet Food Project meetings. |
| 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 due to receive 3rd reading July 23, 2019               |
| <b>6.5 Enabling Energy Reduction and Climate Change Mitigation</b>                      |  |       |                           |           |               |  |
| <b>6.5.1 Ensure Adequate Governance and Funding for ongoing Climate Action progress</b> |  |       |                           |           |               |  |
| 6.5.1.1   | Create a 'Climate Leadership Committee' as a standing committee of Council   | Short | RMOW REX (previously CAO) | Unchanged | Not Initiated |  |
| 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                  | Unchanged | In Progress   |  |
| 6.5.1.3   | Create a Climate Action Coordinator position on municipal staff to lead the coordination and implementation of this CECAP and related energy and climate management responsibilities at the RMOW.  | Short | RMOW REX                  | Yes       | Complete      | Climate Change Coordinator started June 10, 2019           |

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| 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 | • 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   | A consultant will need to be engaged to develop a design that will meet MOTI requirements.   |
| <b>6.5.2 Actively Work With Other Levels of Government to Advance Shared Climate Goals</b> |   |       |                           |           |               |  |
| 6.5.2.1  | Lobby the Provincial government for further systematic increases in the BC Carbon Tax, and for a shift toward VKT-based car insurance structures (vehicle-kilometers-travelled-based).            | Short | RMOW REX                  | Unchanged | Ongoing       |  |
| 6.5.2.2  | Lobby the Provincial government for further systematic improvements to the BC Building Code that focus on building envelopes and energy efficiency.   | Short | RMOW REX (previously CAO) | Unchanged | In Progress   | <ul style="list-style-type: none"> <li>• Adopted Building and Plumbing Bylaw Amendment (Energy Step Code) No. 2197 2018. Regulations to take effect Jan, 2019</li> <li>• It is expected that BCBC will increase the base code to Step 3 by 2022/23.</li> </ul> |
| 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 | • 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   | Regional transit funding model rejected by Province. Options being considered.   |
| 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) | Unchanged | In Progress   | Climate Change Coordinator started June 10, 2019   |
| <b>6.5.3 Support High Quality, Third-Party Verified Local Offset Products</b>              |   |       |                           |           |               |  |
| 6.5.3.1  | Encourage local organizations to support local carbon reduction projects like the Cheakamus Community Forest offset project.  | Short | RMOW REX                  | Unchanged | Ongoing       | RMOW completed CARIP report and identified 2018 emissions. Carbon offsets to be purchased from CCF.  |
| 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 | • No specific initiative led by RMOW staff at this time  |
| 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"> <li>• The RMOW has maintained its carbon neutral status every year since 2010. Annual offset purchases are now 100% sourced from the Cheakamus Community Forest.</li> </ul>   |
| <b>ADAPTATION</b>  |   |       |                           |           |               |  |

**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<br>CCS / REX | Yes       | In Progress | Kadenwood fuel thinning treatment resumed in April and will be complete summer 2019 (fire hazard allowing). Blackwell & Associates completed the 2019-2027 fuel thinning plan. FireSmart program started treatment to Lost Lake loop and areas near Lakeside Park. Private residents are actively engaging in the Chipper Service. A total of 15 stratas participated in FireSmart workdays.   |
| 8.5.1.2 | Prioritize the implementation of the landscape-level wildfire management plan for the Cheakamus Community Forest area.  | Short | RMOW<br>REX       | Yes       | Complete    | Cheakamus Lake Road Phase 1 wildfire fuel reduction project completed. Forest Enhancement Society BC funding confirmed for Phase 2 in winter 2019/20.  |
| 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<br>CCS/ REX  | Unchanged | Ongoing     | <ul style="list-style-type: none"> <li>• RMOW, CCF and FLNRO coordinating on fuel thinning projects (Cheakamus Lake Road, Callaghan FSR, Alpine Meadows/CCF5).</li> </ul>  |
| 8.5.1.4 | Continue to review and update pre-incident and emergency response plans and communication protocols for wildfire situations.  | Short | RMOW<br>CCS       | Unchanged | Ongoing     | RMOW Emergency Management staff collaborating with provincial staff and WFRS to update response plans, contact information and scenario task lists.  |
| 8.5.1.5 | Develop private property wildfire risk reduction guidelines and implement through municipal policy and/or procedures.   | Short | RMOW<br>CCS       | Yes       | Ongoing     | Information being developed to inform public on new Wildfire DP guidelines.  |
| 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<br>CCS       | Unchanged | Ongoing     | The proposed Fire and Life Safety Bylaw 2201, 2018 remains in draft at least until September. The existing Fire Protection and Fireworks Bylaw 2046, 2014 remains in effect. 6.5 request for "Campfire Permit" remains in effect until further notice. 6.11 Garden Debris Fires are no longer allowed in the RMOW and will be repealed in the new Fire and Life Safety Bylaw. Further, WFRS are part of the Wildfire Working Group together with Protective Services, Emergency Management and Environmental Stewardship preparing a coordinated effort at education, response and enforcement with wildfire, illegal campfires, etc |

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| 8.5.1.7   | Consider creating Development Permit Areas for wildfire protection.  | Short | RMOW REX | Unchanged | In Progress   | OCP due to receive 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       | <ul style="list-style-type: none"> <li>• CRIP to announce first funding awards by March 31, 2019. RMOW will review to understand how the new program will be distributed. Councillor DeJong met with Minister Heywood and provided follow up letter requesting (among other things) multi-year funding for wildfire fuel reduction projects.</li> </ul>   |
| 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 | <ul style="list-style-type: none"> <li>• No specific initiative led by RMOW staff at this time</li> </ul>   |
| 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       | In Progress   | <ul style="list-style-type: none"> <li>• Sea to Sky Multimodal Evacuation Plan Guidance Document complete and approved by Council.</li> <li>• Fire Danger Rating Plan in draft form - details RMOW and partner activities pre-season, during High Fire Danger, during Extreme Fire Danger.</li> <li>• Air quality advisory response plan in draft to detail measures RMOW will take when an air quality advisory is issued due to wildfire smoke.</li> <li>• Purchase of repeater for Combined Events radio frequency to improve inter-agency communications in the works.</li> </ul> |
| 8.5.1.11  | Lobby the Province to incorporate FireSmart principles into the BC Building Code.  | Long  | RMOW REX | Unchanged | Ongoing       | <ul style="list-style-type: none"> <li>• No specific initiative led by RMOW staff at this time</li> </ul>   |
| <b>8.5.2 Minimize Congestion on Highway 99</b>      |  |       |          |           |               |   |
| 8.5.2.1   | Facilitate, develop and promote alternative and mass transportation options to and from Whistler.  | Short | RMOW IS  | Unchanged | Ongoing       | Regional transit funding model rejected by Province. Options being considered.  |
| <b>8.5.3 Minimize Damage from Heavy Rain Events</b> |  |       |          |           |               |   |
| 8.5.3.1   | Continue to conduct annual assessments of significant waterways to identify and mitigate high risk flood locations while respecting in-stream and riparian habitat regulations.  | Short | RMOW IS  | Yes       | In Progress   | Funding was received and now hazard assessment in progress.   |

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| 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   | Funding was received and now hazard assessment in progress.  |
| 8.5.3.3                                   | Complete and/or update floodplain mapping for all significant Whistler watersheds. Amend zoning and/or policies as needed to reflect adequate flood protection measures.  | Med  | RMOW IS  | Yes       | In Progress   | Funding was received and now hazard assessment in progress.  |
| 8.5.3.4                                   | Follow changes in risk-based insurance premiums and overland flood insurance and adapt as needed to changing context and regulations.   | Med  | RMOW IS  | Unchanged | In Progress   | • No changes required yet.   |
| 8.5.3.5                                   | Review and adapt as appropriate emergency planning protocols for extreme weather occurrences and related impacts, in consideration of projected climate changes.  | Med  | RMOW IS  | Unchanged | In Progress   | <ul style="list-style-type: none"> <li>• Emergency planning protocols are constantly being updated, improved and expanded.</li> <li>• Specific work is underway to improve evacuation protocols, internal communication systems, as well as critical infrastructure management in light of potential new emergencies – with a focus on wildfire threat.</li> </ul> |
| 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 | In Progress   | Trail improvements in progress   |
| 8.5.3.7                                   | Consider improvements to signs and lighting for Highway 99 and municipal bridges with respect to weather and flooding alerts. Explore new or additional tools for monitoring at-risk areas.   | Med  | RMOW IS  | 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 additional potential impacts related to projected local climate changes.   | Long | RMOW IS  | Unchanged | Complete      | <ul style="list-style-type: none"> <li>• 21 Mile Creek surface water protection plan endorsed by Council in June 2018.</li> </ul>  |
| 8.5.3.9                                   | Explore opportunities to improve sediment and erosion control requirements during development and construction.   | Long | RMOW IS  | Unchanged | In Progress   | OCP due to receive 3rd reading July 23, 2019   |
| 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   |
| <b>8.5.4 Ensure Adequate Water Supply</b> |   |      |          |           |               |  |

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| 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  | Unchanged | In Progress   | <ul style="list-style-type: none"> <li>• Work has started on evaluating metered water rates for industrial, commercial, and institutional properties in Whistler.</li> </ul>  |
| 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   | <ul style="list-style-type: none"> <li>• Stakeholder outreach will continue through 2018.</li> </ul>  |
| 8.5.4.3  | Explore opportunities to improve municipal irrigation systems to maximize efficiency.  | Short | RMOW REX | Unchanged | Complete      | <ul style="list-style-type: none"> <li>• Significant upgrades done in 2016, and further refinements to systems and policies undertaken in 2017. RMOW system is now very efficient and responsive.</li> </ul>                                    |
| 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 | <ul style="list-style-type: none"> <li>• No specific initiative led by RMOW staff at this time</li> </ul>   |
| <b>8.5.5 Enhance Weather Independent Tourism Opportunities</b> |  |       |          |           |               |   |
| 8.5.5.1  | Consider the development of a comprehensive resort-wide product enhancement, communications and marketing strategy to improve and promote the range of weather-independent and all-season tourism and recreation opportunities.  | Short | RMOW CCS | Unchanged | Ongoing       | <ul style="list-style-type: none"> <li>• Advancement of Arts, Culture and Heritage programming and itineraries under development</li> </ul>   |
| 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 | Unchanged | Ongoing       | <ul style="list-style-type: none"> <li>• Land acquisition opportunity being advanced</li> </ul>   |
| 8.5.5.3  | Continue to advance both cultural tourism development and the expansion of complementary learning and education initiatives.   | Short | RMOW REX | Unchanged | In Progress   | <ul style="list-style-type: none"> <li>• New Manager, Cultural Planning &amp; Development role created at RMOW.</li> <li>• Dedicated work plan developed and rolled out in 2017, advancement of new and ongoing initiatives underway</li> </ul> |
| 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 | <ul style="list-style-type: none"> <li>• No specific initiative led by RMOW staff at this time</li> </ul>   |
| 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 | In Progress   | <ul style="list-style-type: none"> <li>• Alpine Trail program continues to be progressed</li> </ul>   |

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| 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<br>REX                        | Yes       | In<br>Progress   | • Parks Master Plan underway, update provided at March 12 Council meeting.  |
| <b>8.5.6 Improve Ski Infrastructure for Weather Variability</b>       |   |       |                                    |           |                  |   |
| 8.5.6.1   | Anticipate snowline changes and consider building, improving and/or moving lifts, trails and other infrastructure accordingly to maintain and enhance terrain quality and user experience.                              | short | RMOW<br>REX                        | Unchanged | Not<br>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<br>REX                        | Unchanged | Not<br>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<br>REX                        | Unchanged | Not<br>Initiated | • Not RMOW lead.  |
| 8.5.6.4   | Investigate potential land exchanges to optimize potential ski terrain.   | long  | RMOW<br>REX                        | Unchanged | Not<br>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<br>REX                        | Unchanged | Not<br>Initiated | • Not RMOW lead.  |
| <b>8.5.7 Minimize Threats to Ecosystems, Biodiversity and the CCF</b> |   |       |                                    |           |                  |   |
| 8.5.7.1   | Improve invasive species management efforts related to increasing pressures associated with a changing climate.   | Short | RMOW<br>REX<br>(previously<br>CAO) | Unchanged | Ongoing          | • Sea to Sky Invasive Species Council (SSISC) engaged for 2019 to focus on monitoring and treating priority invasive species. |
| 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<br>REX                        | Yes       | In<br>Progress   | Ecosystem monitoring consultant developing the biodiversity conservation 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<br>REX                        | Unchanged | Ongoing          | CCF has changed silviculture strategy and modified tree stocking standards to take climate change into account                |