

# 2025 Big Moves Climate Action Projects

November 2024 (Updated Nov 15)

## BIG MOVES CLIMATE ACTION PROJECTS

Project	Big Move & Key Initiative	Climate Action Project Details
Active Transport Infrastructure - Secure Bike Parking	Big Move 1 / Key Initiative 1.7	This project advances Big Move 1: Move Beyond the Car. Specifically, the installation of secure bike infrastructure in the village advances Action 1.7 - Provide additional secure public bike parking across the RMOW / public spaces.
Alpha Lake Projects	Big Move 1 / Key Initiative 1.7	New VT component aligns with Climate Action Big Moves strategy #1 to "Move Beyond the Car."
Bayly Park Mountain Bikes Skills Area	Big Move 1 / Key Initiative 3.1	Placing a popular recreation amenity in Whistler's largest family oriented and permanent resident neighborhood fosters complete communities, reducing the need for vehicles and supporting Big Moves #1 to "move beyond the car."
Building Department Initiative	Big Move 6 / Key Initiative 6.4	The digital application platform project intends to move the permit process away from paper resources which aligns with Big Move #6: Close the loop and shift toward lower carbon consumption to continue to reduce all streams of waste.
CECAP Trail Hardening	Big Moves Adaption Goal 2	Trail improvements to improve drainage and climate resiliency to extreme weather events
Communication & Engagement Assets Innovation	Big Move 1 - 6	All goals including mitigation and adaptation. We will be working to bring the Big Moves brand to life, simplify the message and create ongoing content. The emergency portion of this work will focus on achieving Whistler Alert signups, creating critical awareness of our channels and refining the emergency preparedness message for our visitors and residents. The mailer will also touch on Big Moves, Smart Tourism and Climate Action messages.

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Community Wildfire Protection	Adaptation Goal 1 / A 1.1	The Wildfire Management project helps deliver on the Big Moves CAIP adaptation goals to minimize wildfire threats to human health and safety, private property, infrastructure, wildlife and natural areas, as well as protect, support and increase the resilience of local ecosystems, natural assets and biodiversity.
Data Collection and Monitoring	Big Move 1 / Key Initiative 1.7	Understanding the volume and speed, starting and finishing points of VT users helps to inform active transportation choices and decisions.
District Energy System Upgrades	Big Move 5 / Key Initiative 5.3	The district energy system upgrades the current system to increase capacity for future users.
Energy & Climate Program	Big Move 2 / Key Initiative 2.5	Continue to provide EV charger incentive top ups for home chargers
Environmental Policy & Initiatives	Adaptation Goal 3 / A 3.1	This project delivers on the Big Moves CAIP adaptation goal to increase resilience in the face of climate change by protecting, supporting and increasing the resiliency of local ecosystems, natural assets and biodiversity.
EV Chargers	Big Move 2.1	Decarbonize passenger and commercial transport. Expand accessible and affordable public EV charging network for residents and visitors as laid out in the Whistler EV Strategy.
Fitzsimmons Creek Flood Protection	Adaptation Goal 3 / A 2.2	The Fitzsimmons Creek Flood Protection and Maintenance helps deliver on the Big Move goals to increase community resilience in response to an extreme weather event. The protection this project provides may reduce waste caused by potential storm damage of public and private property that would need to be managed.
Fitzsimmons Creek Debris Barrier Monitoring	Adaptation Goal 3 / A 2.2	Adaptation Goal 3 / A 2.2 - The Fitzsimmons Creek debris barrier and maintenance helps deliver on the Big Move goals to increase community resilience in response to an extreme weather event. The protection this project provides may reduce waste caused by potential storm damage of public and private property that would need to be managed.
Fleet Replacement	Big Move 2	Wherever possible the RMOW will be sourcing alternative fuel vehicles such as electric powered and continuing towards our 2030 commitments.

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Flood Plain Mapping & Mitigation	Adaptation Goal 3 / A 2.2	Flood Protection and Planning delivers on the Big Move goals to increase community resilience in response to an extreme weather event. The protection this project provides may reduce waste caused by potential storm damage of public and private property that would need to be managed.
Geopark	Adaptation Goal 3 / A 3.1	Environmental and climate change considerations will be embedded in the park design.
Library Collection	Big Move 6 / Key Initiative 6.5	This ongoing project budget supports Whistler’s Big Moves goals through our conscientious procurement practices, ensuring sustainability in our resource acquisition. Moreover, it offers our community the opportunity to access shared resources, reducing the need for individual purchases. By actively participating in the shared economy, the library plays a pivotal role in closing the sustainability loop and steering our community towards reduced carbon emissions, thereby promoting waste reduction and fostering sustainable consumption practices.
Library Enhancement Grant	Big Move 5	By transforming the library storage space into a publicly accessible meeting room, we will continue to maximize the existing footprint of the library facility. In addition, by adding to our collection and public facing the library provides our community with the option to borrow shared resources, rather than purchasing them individually. This closes the loop and shifts our community towards lower carbon emissions by advancing waste reduction and sustainable consumption.
Meadow Park Rejuvenation	Adaptation Goal 3	Park redesign aligns directly with Adaptation Goal 3: "Incorporate the protection of biodiversity, ecosystem health and climate resilience in planning, design and construction of parks and trail projects." This is achieved by changing to use of non potable water for irrigation, reducing amount of area to be irrigated, using a more water efficient irrigation system, rewilding underutilized and riparian areas, using regionally sourced, durable materials in the spray park and playground.

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Meadow Park Sports Centre	Big Move 4 & 5 / Key Initiative 5.3	This project will move the RMOW toward its 2030 climate change targets with a significant reduction in GHG emissions at MPSC. The outcome directly addresses Big Moves #4 Build Zero Emission Buildings and Big Moves #5 Make Existing Buildings Better through comprehensive upgrades to the building envelop and HVAC system which are intended to optimize building energy performance and shift away from GHG emitting energy sources. The outcome directly contributes to Big Moves #4 Build Zero Emission Buildings and Big Moves #5 Make Existing Buildings Better
Millar Creek Lands Acquisition	Big Move 1 / Key Initiative 1.7	The acquisition lays the groundwork for future planning and design for a Valley Trail connection between Alta Lake Road and Alpha Lake Park which is directly related to Big Move 1 - Move Beyond the Car. Initiatives 1.7.7, 1.7.8, 1.7.9, 1.7.10 are all Valley Trail related in terms of addressing network gaps and lighting to enable more active transportation. Those relationships are outlined in the relevant project P115 Alpha Lake Projects.
Municipal Hall	Big Move 4 & 5 / Key Initiative 5.3	Envelope improvements move the RMOW closer to Big Move #4 Build Zero Emission Buildings; and Big Moves #5 Make Existing Buildings Better.
Park Operations General Improvement	Adaptation Goal 3	Replace existing landscape that isn't able to handle the weather extremes to a more climate resilient species/plan.
Park Use Bylaw Update and E-Device Policy Adoption	Big Move 1 / Key Initiative 1.8	Updating the Bylaw will allow for clearer management of active transportation uses along the Valley Trail network as we encourage people to move beyond the car and the number of users on e-bikes increases. 1.8.4 "Continue to actively monitor Provincial regulations regarding e-mobility devices and how this relates to use of Valley Trail." Indirectly, solid and consistent governance across multiple jurisdictions will help to "enable more active transportation."
Parks and Valley Trail Strategy	Big Move 1	Big Move 1 "Move Beyond the Car" actions 1.7.7, 1.7.8, 1.7.9, 1.7.10, 1.7.13 are all Valley Trail related in terms of addressing network gaps and lighting to enable more active transportation. Adaptation Goal 3 "Incorporate the protection of biodiversity, ecosystem health and climate resilience in planning, design and construction of parks and trail projects" is to be one of the cornerstones of the Park and Valley Trail Strategy project.
Planning Initiatives	Big Move 1 & 4	Most of the subprojects of Planning Initiatives align with CAIP Move 1 to move beyond the car and CAIP Move 4 to build zero emissions buildings.
Protective Services	Big Move 2.3 / A 2.4 & A 1.1	EBike fleet for Bylaw and Park and Trail Ambassadors promotes a healthy workplace and provides staff with an alternate option to service RMOW community without relying on vehicles. Aligns with 2.3 Electrify private and public fleets to take on a leadership role and establish Whistler as an EV-friendly community. Develop strategies to improve public safety measures related to the potential impacts of extreme rain/snow events, extreme heat events, and wildfire and smoke events (E.g. transportation/service disruption, emergency preparedness). Incorporate FireSmart guidance into the RMOW's community planning and policy frameworks.
Public Safety Building	Big Move 5 / Key Initiative 5.3	This project will explore opportunities to reduce or eliminate GHG emissions from the PSB Big Moves #4 Build zero emission buildings

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Public Works Yard	Big Move 5 / Key Initiative 5.3	Building automation aligns with Big Moves #4 Build Zero Emission buildings and Big Moves #5 Make existing buildings better. Installation of building automation systems will enable real time monitoring and trending of building operations and energy performance. This will enable early action to mitigate unnecessary consumption in addition to better understanding of the effectiveness of implementations and scheduling. These automation improvements are supported by existing energy performance studies.
Railway Crossings Safety Improvements	Big Move 1 / Key Initiative 1.7	Interim pedestrian safety improvements at the existing railway crossing at the former hostel site otherwise known as The Point. A future and more fulsome project will likely be required to fully meet Transport Canada's approval at this location. Climate Action: Provides safe and well-connected active transportation infrastructure to encourage moving beyond the car and reducing our GHG emissions. Smart Tourism: Provides a facility with exceptional experiences and disperses users thus reducing congestion in core areas of the resort.
Recreation Infrastructure Replacement	Big Move 5	Lighting upgrades, DDC upgrades and ammonia plant compressor upgrades will lower energy usage.
Recreation Trail Bridge Replacements	Adaption Goal 2 / A 2.5	"Increase the resilience of built assets, infrastructure and services to endure weather and environmental events". This is achieved by designing/building better long-lasting structures taking into consideration 100- and 200-year flood risks, site specific locations that fit with the surrounding environment, and using stronger more suitable structural materials.
Recreation Trail Program	Big Move 8	Trail improvements always include consideration for drainage and climate resiliency to extreme weather events
River of Golden Dreams Improvements	Adaptation Goal 3 / A 3.1	The River of Golden Dreams improvements project helps deliver on the Big Moves CAIP adaptation goals to increase resilience of built assets, infrastructure and services to endure extreme weather and environmental events, as well as protect, support and increase the resilience of local ecosystems, natural assets and biodiversity.
Solid Waste Outreach Program	Big Move 6 / Key Initiative 6.1	Less waste means less embodied carbon to make products for short term use and less transportation required to move material around.
Spruce Grove Park Pickleball Courts	Big Move 1	Providing a dedicated single use multi court facility with active transportation and transit access will discourage users from driving to multiple shared use facilities in search of an available court. This will reduce transportation needs and supports Big Moves #1 to "move beyond the car."

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Taluswood Park Rejuvenation	Big Move 1 / Key Initiative 1.9	Provision of park space in residential neighbourhoods helps to provide more complete communities thus alleviating the need to travel elsewhere in the community for recreation purposes. This aligns with Big Move #1 to "Move beyond the car."
Valley Trail Access and Safety Improvements	Big Move 1 / Key Initiative 1.7	Identify gaps in the Valley Trail Network and develop plans to close the gaps. The Valley Trail network is a key piece of the Active Transportation network and as such is essential to Big Moves #1 to move beyond the car.
Valley Trail Reconstruction	Big Move 1	Work includes more substantial repairs and drainage improvements across the 50 km Valley Trail network.
Village Enhancement	Big Move 1	Village Enhancement represents an annual reinvestment in the Village to repair and improve the public realm. Specifically, these investments include repairs to the stroll, accessibility and safety improvements, replacement of site furnishings, and pedestrian wayfinding components.
Village Stroll Tree Strategy	Big Move 5 & 6 / A 2 & 3	Work with operators and managers of larger commercial buildings (especially hotels) to advance this Big Move in their building(s) by sharing information on best practices and benchmarking. Big Move #6: Close the Loop & Shift Towards Lower Carbon Consumption. Engage with residents, visitors and local business to advance sustainable consumption. Adaptation Goal 3 - Protect local ecosystems & biodiversity. Develop policy, planning and legislative strategies to protect and restore local ecosystem health and support continued provision of natural infrastructure services. Adaptation Goal 2 - Increase resistance to extreme weather events.
Water Pump Station Upgrades	Big Move 4 / Key Initiative 4.7	Environmental and climate change considerations embedded within the design, and construction sequencing. The building design for the new water treatment facility exceeds the prescriptive building requirements for insulation and is working towards a zero emissions building design.
Website & Digital Integration	Big Move 6 / Key Initiative 6.5	With a cleaner, more focused site, we can work to adjust our messaging to let the Big Moves shine through. The goal is ongoing, dedicated project work to reduce noise, so the core work of the municipality takes centre stage. This means traditional services and more prominent proactive initiatives like Big Moves.

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Wildfire Protection	Adaptation Goal 1 / A 1.1	The Community Wildfire Protection project will assist the RMOW's approach to mitigate and adapt to climate change by minimizing wildfire threats to human health and safety, private property, infrastructure, wildlife and natural areas and assist in protecting, supporting and increasing the local ecosystem, natural assets and biodiversity. The project will address recommendations provided in the Community Wildfire Resiliency Plan which align with the Climate Action Implementation Plan and increases the RMOW's resilience to extreme weather events.
WWTP Building Upgrades	Big Move 5 / Key Initiative 5.3	The wastewater treatment plant building upgrades projects work to make existing building better and decrease emissions.
WWTP Primary Treatment Upgrades	Big Move 5 / Key Initiative 5.3	Implementation of recommendations made in the 2021 Energy Efficiency Study. The recommendations include a new energy efficient process boiler, and HVAC upgrades.
WWTP Solids Handling Upgrades	Big Move 5 / Key Initiative 5.3	This project will work towards making the existing building better. The upgrades from the condition assessment will also look at automation for the building, and process activities. The automation would work towards increasing energy efficiency of the solids handling building and processes.