4.0 Recycle			1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17	
Strategy	**ID No.**	**Action Option**	Affordability	Assumptions	Economic Prosperity	Assumptions	Innovation	Assumptions	Circularity	Assumptions	Waste Reduction	Assumptions	GHG Emissions Reduction	Assumptions	Environmental Stewardship	Assumptions	Inclusivity	Assumptions	Convenience	Assumptions	Community Participation	Assumptions	Supports Waste Prevention Habits and Actions	Assumptions	Practicality of Implamentation	Assumptions	Accountability	Assumptions	Transparency	Assumptions	Consistency / Harmonization	Assumptions	Collaboration	Assumptions	Resilience	Assumptions
4.1 Promote design for recyclability and the use of recycled content in products and packaging	00112	Enhance partnerships with the provincial government, industry, academia, and community groups to research and develop solutions to overcome barriers to reuse and recycling and opportunities to incorporate recycled content into new products.	High	Overcoming barriers to including recycled content could stimulate the economy and create more products, reducing costs.	High	Overcoming barriers to including recycled content could stimulate the economy, creating more jobs.	High	This would be encouraging more circular business models in an attempt to make progress towards goals.	High	Circular business models with a focus on recycling and reuse.	High	Could include a focus on higher tonnage materials like plastic and C&D waste (wood and plastic).	Med	Potential to reduce anthropogenic emissions.	High	Opportunity to reduce other environmental impacts such as water use and unnecessary landfilling. Measurement options could go much beyond waste impacts.	Med	No changes to system barriers.	Med	No changes in convenience.	High	Considers partnerships with many stakeholders, including community groups.	High	There is a reuse focus and encouraging more circular business models by overcoming current industry barriers.	Med	Although research could be done immediately, it is expected it will take some time to overcome industry barriers and develop solutions.	Med	No accountability component.	High	Overcoming barriers and developing solutions for reuse and recycled content can increase transparency of materials and use in the relavent sectors.	High	Working with varying stakeholders across the region can ultimately result in an increase in consistency for the relevent sector (e.g., overcome barriers for construction using recycled content).	High	Explicitly focused on building and enhancing partnerships.	High	Increasing the ability to reuse and include recycled content in products increases market and industry resilience.
4.1 Promote design for recyclability and the use of recycled content in products and packaging	00113	Work with national plastics waste reduction organizations and others to understand and address barriers to increased recycled content in plastic products and packaging.	High	Overcoming barriers to including recycled content could stimulate the economy and create more products, reducing costs.	High	Overcoming barriers to including recycled content could stimulate the economy, creating more jobs.	High	This would be encouraging more circular business models in an attempt to make progress towards goals.	Med	Circular business models with a focus on recycling.	High	Includes a focus on higher tonnage material, plastic.	Med	Potential to reduce anthropogenic emissions.	High	Opportunity to reduce other environmental impacts such as water use, reduction in litter, reducing the need for natural resources, and unnecessary landfilling.	Med	No changes to system barriers.	Med	No changes in convenience.	High	Significant opportunity for peer-to-peer learning with national organisations and industry experts.	Med	Mainly focused on recycling.	Med	Although research could be done immediately, it is expected it will take some time to overcome industry barriers and develop solutions.	Med	No accountability component.	High	Overcoming barriers and developing solutions for recycled content can increase transparency of materials and use in the relavent sectors.	High	Working with national organisations and experts can ultimately result in an increase in consistency for the plastics industry, locally and nationally.	High	Builds partnerships with organisations and other stakeholders.	High	Increasing the ability to include recycled content in products increases market and industry resilience.
4.1 Promote design for recyclability and the use of recycled content in products and packaging	00109	Research and advocate for improvements to the recyclability of plastic-lined paper products such as coffee cups.	Med	No significant cost impacts assumed from work to advance recycling of materials.	High	Assuming positive impact on jobs/ GDP from increased recyclability.	Med	This is a not a game changer and would lead to incremental progress toward goals.	Med	Improved material recycling	Med	Waste reduction potential depends on specific focus.	Med	Targets packaging and plastics reduction.	High	Advocacy efforts are likely to focus on improved stewardship and improved recyclability.	Med	No changes to impacts on barriers or access experienced by different groups/people	High	Research and findings can help to make it easier for targeted sector(s) to participate in solid waste management services and programs.	Med	No direct benefits on connecting people through services and programs delivered	Med	Still likely to focus on recycling and less about waste prevention	High	This could be implemented in the next 0-5 years	High	Can have positive impact on accountability if dealt with by senior governments	High	Can have positive impact on transparency if dealt with by senior governments	High	Can have positive impact on consistency/harmonization if dealt with by senior governments	Med	Advocacy and research may involve consultation, but does not clearly build or expand partnerships.	Med	No-change anticipated
4.1 Promote design for recyclability and the use of recycled content in products and packaging	00111	Support recycling markets by purchasing recycled products including compost.	High	Stimulating the recycling market should ultimately reduce prices of recycled materials. Increase demand and encourage recycled content.	High	Increasing recycling design and content should help create jobs, especially if encouraged locally (e.g., compost).	High	This would be encouraging more circular business models in an attempt to make progress towards goals.	Med	Although circular business models, most of the focus is on recycling.	High	Could include a focus on high tonnage materials like organics (composting).	High	Could include a focus on organics, such as composting.	Med	No significant environmental benefits beyond waste and GHG emissions reductions	Med	No changes to system barriers.	Med	No changes in convenience.	Med	No direct benefits on connecting people through services and programs delivered	Med	Still likely to focus on recycling and less about waste prevention	High	This could be implemented in the next 0-5 years with procurement changes for certain items such as compost.	Med	No accountability component.	Med	No changes to transparency	Med	No changes to consistency/harmonization.	Med	May support market development, but does not clearly build new partnerships.	High	Increases connectedness to local resources.
4.1 Promote design for recyclability and the use of recycled content in products and packaging	00110	Continue to work with engineering design and construction organizations to update concrete and asphalt specifications to include recycled content and educate engineers and road builders on how to successfully increase recycled content.	Med	No significant cost impacts assumed from work to advance reuse and recycling of materials.	High	Increased material reuse and recycling (concrete and asphalt) would help increase jobs and/or GDP.	High	If successful this would be a game changer to advance circularity.	High	Material reuse and recycling of concrete and asphalt would help to advance circularity.	Med	This action targets concrete and asphalt. Concrete is not commonly landfilled currently and asphalt makes up 6% of C&D waste as shingles and tar/gravel roofing. Opportunities review by (Stantec)	Med	Does not target organics or plastics. Can anticipate reduced GHG emissions for recycled aggregates results from generally shorter transportation distances (refer to Asphalt and Concrete Opportunities review by (Stantec)	Med	No significant environmental benefits beyond waste and GHG emissions reductions	Med	No changes to system barriers.	Med	No changes in convenience.	Med	No direct benefits on connecting people through services and programs delivered	Med	Still likely to focus on recycling and less about waste prevention	High	This could be implemented in the next 0-5 years	Med	No accountability component.	Med	No changes to transparency	Med	No changes to consistency/harmonization.	Med	Builds and maintains partnerships with engineering and construction sectors.	High	Increases connectedness to local resources.
4.2 Enhance EPR programs	00116	Identify and advocate for additional materials to be added to extended producer responsibility programs such as non-residential packaging without readily available markets and challenging materials such as mattresses.	High	MV's affordability should increase since cost to manage these materials should be covered by the producer. However, it should be noted the affordability for users of the products will decrease.	High	More materials covered under EPR should stimulate recycling and increase jobs.	Med	Adding new materials to be covered under EPR would definitely help meet goals, but this is only an expansion to an already existing program.	Med	EPR's prime focus is recycling, however there may some influence on overall design of products.	High	Targeting high tonnage material, especially in the CI sector.	Med	Most likely to reduce anthropogenic emissions eg. targeting plastics	High	Demonstrable improvements in environmental performance through EPR policy and reporting requirements	Med	No changes to system barriers.	High	EPR programs can show improvements to convenience	Med	No direct benefits from EPR on connecting people through services and programs delivered	Med	Although MV will advocate for EPR programs to move to higher levels of the hierarchy, continued focus will be on recycling.	High	Identifying additional materials and advocating can occur in the next five years. However, the addition of materials to the list would likely take longer.	High	The action increases ability to hold actors responsible to achieve goals through reporting.	High	Assuming improvements in obtaining more information about what happens to materials	High	EPR programs provide consistency across the region.	Med	Advocacy may involve consultation but does not clearly build or expand partnerships.	High	Additional recycling markets and programs should increase diversity of local services and infrastructure.
4.2 Enhance EPR programs	00118	Advocate for full funding of producer responsibility programs and the expansion of residential-only programs to small businesses.	High	MV's affordability should increase since cost to manage these materials should be covered by the producer. However, it should be noted the affordability for users of the products will decrease.	High	More materials covered under EPR should stimulate recycling and increase jobs.	Med	Adding small businesses to be covered under EPR would help meet goals, but this is only an expansion to an already existing program.	Med	EPR's prime focus is recycling, however there may some influence on overall design of products.	High	Targeting high tonnage material.	Med	Most likely to reduce anthropogenic emissions eg. targeting plastics	High	Demonstrable improvements in environmental performance through EPR policy and reporting requirements	Med	No changes to system barriers.	High	EPR programs can show improvements to convenience	Med	No direct benefits from EPR on connecting people through services and programs delivered	Med	Focus will be on recycling.	High	Advocating can occur in the next five years.	High	The action increases ability to hold actors responsible to achieve goals through reporting.	High	Assuming improvements in obtaining more information about what happens to materials	High	EPR programs provide consistency across the region.	Med	Advocacy may support collaboration indirectly with regulators and stewardship organizations, but the action itself doesn't guarantee new partnerships.	High	Additional recycling markets and programs should increase diversity of local services and infrastructure.
4.2 Enhance EPR programs	00119	Advocate for accelerated deployment of direct collection of an expanded suite of materials including film plastic and foam.	Low	Increased collection of materials, especially curbside, will increase costs.	High	Increased collection and recycling should create jobs.	High	Increased collection and recycling of more materials will require new systems to be in place and help improve ability to meet goals.	Med	Recycling level of the hierarchy.	High	Focuses on higher tonnage items such as different types of plastic.	Med	Targets plastic / reduces anthropogenic emissions.	High	Has potential to reduce the amount of plastics ending up in the environment as waste.	Med	No major impact on systemic barriers	High	Direct collection of more materials could significantly improve convenience for residents.	Med	No expected changes to community building.	Med	Since this is focused on recycling, no expected changes to behavioural reduction or waste prevention.	Med	Significant infrastructure improvements are likely required with education campaigns to support programs.	Med	Increases accountability of certain materials being collected for recycling and which actors are responsible for the sorting and collection.	High	Increased ease in tracking data due to more recycling programs being available and material collection increasing.	High	Significant ability to harmonize collection programs across the region and have the same materials collected in all communities.	Med	Advocacy may support collaboration indirectly with haulers and stewardship organizations, but the action itself doesn't guarantee new partnerships.	High	Additional recycling programs for materials increases resiliency through a more closed loop system.
4.2 Enhance EPR programs	00121	Advocate for expanded recycling drop-off options for materials such as household hazardous waste, considering mobile options to improve convenience and accessibility.	Med	Assumes no impact on affordability. The cost to retailers or civi spaces are not assumed to be minor and not passed down to consumers / residents	Med	Incremental improvements to recycling is not likely to increase jobs/ GDP significantly.	Med	Not likely to be gamechanger and drive innovation.	Med	Action helps to improve recycling.	High	Likely to reduce PPP from being disposed from SF and MF sectors. Assumes that all large retailer have to participate. No available info from London Drugs on what they collect from customers (not in Recycle BC report)	Med	Avoided disposal will include paper and plastics. Can be medium- high	High	If retailers are required to accept packaging, this is an improvement to accountability.	High	Mobile options will make it more accessible for residents.	High	Makes it easier for residential sector to participate in recycling.	High	With more retilers and civi locations as collection points, there will be improvements to social connection	Med	Focus on recycling.	High	Civic spaces is easier to implement. Many retailers may resist and not have the space.	High	The action increases ability to hold actors responsible to achieve goals.	Med	Not assumed to provide more information about what happens to materials.	High	If retailers are required to provide collection, it will demonstrable improvements to consistency/harmonization	Med	Advocacy may support collaboration indirectly with municipalities and stewardship agencies, but the action itself doesn't guarantee new partnerships.	High	Increases capacity of and diversifies access to waste management infrastructure and services.
4.2 Enhance EPR programs	00120	Advocate for consistency in extended producer responsibility programs, labelling requirements, and enforcement of greenwashing regulations to promote 'what goes where' clarity and reduce confusion.	Med	Assumes no impact on affordability. The costs of increased labeling requirements are not assumed to be minor and not passed down to consumers	Med	Incremental improvements to recycling is not likely to increase jobs/ GDP significantly.	Med	Not likely to be gamechanger and drive innovation.	Med	EPR program improvement relates to recycling.	High	With a plastics focus, improved labeling would help reduce PPP from being disposed.	Med	Avoided disposal will include paper and plastics, but likely not to impact significant tonnage in the near future.	High	Demonstrable improvements to the system through consistency in EPR programs, labeling requirements, and enforcement of greenwashing regulations.	Med	No changes to impacts on barriers or access experienced by different groups/people	High	Makes it easier for residential and non-residential sectors to properly participate in recycling.	Med	No changes to community building, social connection and peer-to-peer learning	Med	This initiative is expected to mainly focus on improve recycling and clarity around recycling. Opportunity for a combined focus on prevention.	Med	This could be implemented in the next 0-5 years. The changes to EPR regulation would take longer.	High	The action increases ability to hold actors responsible to achieve goals	High	Should improve clarity around what can and can't be recycled for residents.	High	EPR generally helps to improve consistency in recyclability and education on how to recycle.	Med	Advocacy may support collaboration indirectly with regulators and industry, but the action itself doesn't guarantee new partnerships.	High	Improves on existing infrastructure to support a growing population
4.2 Enhance EPR programs	00064	Encourage collection programs which reduce barriers for recycling large items	High	Reducing barriers for recycling large items could include making it more affordable for residents.	Med	Likely to not have large impacts on GDP/jobs	High	Potential to transition to new programs or enhanced programs for the community and residents.	Med	Recycling focused.	Med	Targets medium tonnage materials.	Med	Likely to reduce some anthropogenic emissions, but not significant GHG emission reduction.	Med	Environmental benefits are not beyond waste and GHG emission reduction and are within regulatory limits	High	This action targets reducing barriers for recycling large items.	High	This will make it more convenient to recycle large items.	Med	No changes to community building, social connection and peer-to-peer learning	Med	The focus is on recycling.	High	Encouraging collection programs to implement this action will not require significant effort. Assuming this is not focusing on whether	Med	No changes to ability to hold actors responsible for the action since this would be driven by Metro Vancouver and/ or member municipalities	High	Offers more opportunity to track recycling large items in the waste management system if collection programs make it easier to participate.	High	There is no requirement for member municipalities to implement this program.	Med	May involve engagement but does not directly build new partnerships.	Med	Limited impact on resiliency.
4.2 Enhance EPR programs	00117	Continue to participate in BC product steward engagements and provide feedback on potential improvements to existing programs and the development of new programs.	Med	Assumes no significant changes to affordability with continued participation.	Med	No change to GDP or jobs expected with continued participation in stewardship programs.	Low	Already occuring (status quo).	Med	Although MV will advocate for improvements, continued focus will be on recycling.	High	May target high volume materials	Med	Most likely to reduce anthropogenic emissions eg. targeting plastics	Med	Minimal improvements expected but within regulatory limits.	Med	No changes to system barriers.	High	Improvements to Stewardship programs has potential to increase convenience.	Med	No direct benefits from EPR on connecting people through services and programs delivered	Med	Although MV will advocate for programs to move to higher levels of the hierarchy, continued focus will be on recycling.	High	This could be implemented in the next 0-5 years	High	The action increases ability to hold actors responsible to achieve goals through Stewardship program improvements.	High	Assuming improvements in obtaining more information about what happens to materials	High	Stewardship program advancements should improve consistency and harmonization.	High	Involves ongoing collaboration with stewardship organizations and provincial partners.	Med	No-change anticipated
4.3 Encourage the development of new recycling infrastructure	00044	Advocate for federal and provincial government funding programs to scale recycling infrastructure and innovation for challenging materials such as food for remanufacturing, anaerobic digestion feedstock, wood waste, carpet and plastic-lined paper.	High	MV's affordability should increase since materials have additional management options and potential government funding.	High	More recycling options should stimulate recycling markets and increase jobs.	High	This would be an innovative solution for hard to manage materials that contributes to goals.	Med	Prime focus is recycling, however there may some influence on overall design of products.	High	Targeting high tonnage material such as organics and plastics.	High	Has opportunity to target organics.	High	Demonstrable improvements in environmental performance with increased recycling options for hard to manage products.	Med	No changes to system barriers.	High	Additional recycling programs can show improvements to convenience	Med	No direct benefits on connecting people through services and programs delivered	Med	Additional MV will advocate for higher levels of the hierarchy, continued focus will be on recycling.	High	Likely substantial resourcing and time will be required to advocate for additional funding and improved infrastructure and programming.	Med	The action increases ability to hold actors responsible to achieve goals through reporting.	High	Assuming improvements in obtaining more information about what happens to materials and recycling options.	High	Additional programs and infrastructure could provide consistency across the region.	Med	Advocacy may involve consultation but does not clearly build or expand partnerships.	High	Additional recycling markets and programs should increase diversity of local services and infrastructure.
4.3 Encourage the development of new recycling infrastructure	00122	Identify gaps in organics collections programs and work collaboratively to implement or improve existing collection and processing programs.	High	Implementation of new programs and improvement on existing programs is expected to increase affordability by increasing efficiency of systems and scale of organics processing.	High	Increasing existing collection and processing programs has the potential to add jobs	Med	Not a net new idea that is expected to provide incremental improvements	Med	Organics collection and processing focuses on composting	High	Organics targets high tonnage materials	High	Targets organics	High	Improves soil health with compost, supports biodiversity, and reduces pollution from landfill leachate and methane.	Med	No changes expected	High	This will make it easier for more actors to participate in source separation of organics	Med	No big changes to community building, social connection or peer-to-peer learning	High	This would result in behaviour change as more sectors would be able to source separate organics	Low	Could require significant changes such as the addition of facilities/infrastructure	High	If programs are improved and more sectors are required to separate organics it would increase accountability	High	With increased processing programs and collection this has the potential to increase transparency on where organics are being processed and handled in the system.	High	This would increase consistency of who has access to organics collection across the region	High	Builds partnerships with member jurisdictions and service providers to improve systems.	High	Additional processing and/or optimized processing should improve local resiliency of systems.
4.3 Encourage the development of new recycling infrastructure	00123	Explore opportunities to facilitate the siting of private sector recycling activities.	Med	No changes to affordability expected.	High	Potential for an increase in local jobs with increased recycling facilities in the region.	High	Increased local recycling facilities in the region could offer beneficial market options and increased recycling that helps achieve the overall goals.	Med	Mainly focused on recycling.	High	Has the potential to target high tonnage material such as organics or plastics.	High	Has potential to target organics.	Low	Possibility the new facilities could degrade the environment through pollution such as micro plastics or light or noise pollution.	Med	No changes expected	High	With increased capacity for recycling locally, it may be easier to find recycling options and processing.	Med	Unlikely to have significant community participation.	Med	Perhaps a slight potential, but more of a focus on increased recycling opportunities across the region.	Med	May need five or more years to facilitate the construction of new facilities and even longer to have the facilities operational.	High	Facilities can be approved and constructed with mandatory data requirements and reporting.	High	Increased use of local recycling options would assist in tracking of material through the region and understanding of how the material is being processed.	High	Additional local facilities could offer harmonization opportunities for material to be handled locally.	Med	May involve consultation or support, but does not clearly build or expand partnerships.	High	Additional local facilities improves ability to handle and process material within the region. Reduces need on outside facilities or markets.	Med	No-change anticipated
4.3 Encourage the development of new recycling infrastructure	00124	Convene recycling industry members get their perspective on how to continue to maintain and increase recycling infrastructure that services the region.	Med	No expected impact to affordability as this is hosting industry meetings	Med	Unlikely to direct correlate to increased jobs or GDP.	Med	This is a service improvement with incremental progress toward goals	Med	Since this is focused on recycling infrastructure, this targets the recycling level of the hierarchy	High	Has potential to focus on organics (recycling)	High	Has potential to target organics	Med	No expected impact	Med	No expected impact	High	Has potential to increase convenience for industry with the increase of recycling infrastructure in the region	High	Bringing together industry and developing relationships through peer-to-peer learning	Med	Not likely to have a huge impact on behaviour change since mainly discussing infrastructure	High	Could likely start in the shorter term as doesn't need many resources to initiate	Med	No expected changes to accountability	High	Has potential to increase transparency of system for industry. Communication of the system and where materials are being processed etc. could provide clarity for industry	High	Has ability to increase consistency across the region when considering infrastructure	High	Builds partnerships with industry stakeholders.	Med	Incremental progress that doesn't have significant impact on resiliency for the future growing population (not directly in the short term anyways)
4.4 Improve participation in green bin programs and alternatives for multi-family residents and businesses	00126	Identify and implement pilots and technology research that could advance and improve organics recycling in the commercial/institutional sector.	High	Opportunity to increase affordability with increased alternative organics collection and recycling options. Will reduce landfilling fees.	High	Opportunity to increase jobs associated with organics technology and pilots.	High	Significant opportunity to meet goals since organics is such a large part of the waste stream and the CI sector is largest sector.	Med	Focused on recycling (composting)	High	Huge potential with the focus being on organics and the largest sector, CI.	High	Targets organics	Med	Within regulatory limit.	Med	No change expected	High	Opportunity to increase convenience for CI sector to participate in organics recycling.	High	Opportunity for peer-to-peer learning and social connection through pilot programs.	Med	Recycling/ composting	High	Research and pilots could begin in the next five years. However, advanced implementation will likley take longer.	High	Cost improve accountability through pilot programs and reporting that coincides with introduction of additional organics recycling.	High	Would help to improve understanding of organic material flow in the CI sector through research and pilots.	High	Eventually would work towards harmonization and consistency of CI programs for organics.	High	May involve consultation or trials, but does not clearly build or expand partnerships.	High	Builds and maintains partnerships with engineering and construction sectors.	High	Increases connectedness to local resources.
4.4 Improve participation in green bin programs and alternatives for multi-family residents and businesses	00125	Review provision of green bins for non-residential properties and work collaboratively to increase participation in non-residential organics programs.	High	A green bin program for some smaller non-residential properties may be a lower cost option to individual contracts with collectors and can be more affordable.	Med	Unlikely to have significant impact on jobs or GDP	Med	Service improvement with incremental progress toward goals	Med	Focused on recycling (composting)	Med	Targets compostable organics in ICI waste, however only smaller non-residential properties (smaller generators) may be targeted.	High	Targets organics	Med	Within regulatory limit.	Med	May enable smaller low or no-profit organizations to access the service, but not directly impacting systemic barriers.	High	May improves access, or make easier to participate, for specific non-residential properties.	Med	No changes to community building, social connection and peer-to-peer learning	Med	Not a direct driver for waste prevention since this is focused on recycling/ composting	High	This could be implemented in the next 0-5 years. The actual implementation could take longer if municipal programs don't have scapacity to expand to include non-residential.	High	Increased accountability through more non-residential properties getting green bin collection.	High	Through additional green bin service, transparency of organic material may increase across the on-residential sector.	High	Unlikely to provide harmonization across the region, but is likely to improve consistency with services provided to residents.	High	Involves collaboration with member jurisdictions and service providers.	Med	No-change anticipated
4.4 Improve participation in green bin programs and alternatives for multi-family residents and businesses	00128	Determine what role, if any, compostable plastics can play in organics management system.	High	Having clear expectations and rules regarding compostable plastics will help reduce contamination and provide clarity for residents. Reduction of contamination should reduce	Med	No significant changes to jobs expected. Some research questions might be available but once rules are determined, no increase in jobs expected	Med	Potential to shift market to align "loss good actors" with existing and and already broadly implemented best practices	Med	Focusing more on recycling level of hierarchy through composting	Low	Compostables plastics are a low tonnage material.	Med	Has potential to reduce process emissions but not labeled high since it doesn't specifically target true organics for diversion.	Med	Potential to have demonstrable improvements to the system by reducing contamination and single use items, but very limited in tonnage or material amount.	Med	No change expected	Med	Since MV already has a strong stance on compostable plastics, continuing this work and further clarifying their position and setting expectations at facilities will not impact convenience from	Med	No expected changes to the community since this is the status quo and further clarity for the program is not expected to make significant changes	High	MV has the ability to shift behaviours in the industry based on their facility rules and expectations on compostable plastics	High	Should be able to be maintained and further research conducted (if deemed required) in the very near future	High	Requires stakeholders and industry to be more accountable for the products they make with clear expectations and rules around compostable plastics in the region / at facilities	High	MV clearly setting rules and expectations for compostable plastics increases transparency of the system and makes it more clear for residents on what is accepted or not	High	With clear rules at the regional facilities, this increases harmonization across the region	Med	May involve research and consultation, but does not clearly build new partnerships.	Med	Shorter-term solution or incremental progress for facilities having a standard approach for compostable plastics. Not expected to have a significant impact on
4.4 Improve participation in green bin programs and alternatives for multi-family residents and businesses	00127	Continue to provide tools and tips to residents to reduce odours and "yuck factor" with green bins.	Med	Education on odours with green bins will not impact affordability.	Med	Unlikely to direct correlate to increased jobs or GDP.	Low	Already occuring (status quo).	Med	Focuses on composting/recycling.	High	Focuses on a high tonnage material (organics).	Med	Will not impact GHG emissions as this ation focuses on education and reducing "yuck factor" for residents.	Med	No significant environmental benefits beyond waste and GHG emissions reductions	Med	No changes to impacts on barriers or access experienced by different groups/people	Med	No impact on convenience for participating in the waste system.	Med	No changes to community building, social connection and peer-to-peer learning	High	There is opportunity to build social connection and peer-to-peer learning by increasing willingness to use green bin by reducing the "yuck factor"	High	This could be implemented in the next 0-5 years.	Med	No significant changes to transparency.	Med	It is assumed that this would not have a big impact on consistency/harmonization	Med	May involve collaboration with municipalities, but does not require partnerships.	Med	No changes to resiliency.
4.1 Make recycling easier and more effective by reducing confusion and improving convenience	00142	Facilitate development of digital tools that allow users to scan waste items and receive clear, multilingual instructions on options for reuse, repair, recycling, or disposal.	Med	No direct impact on residents or sectors.	Med	May support circular economy by improving participation and reducing contamination.	High	Use technology such as AI to enhance recycling activities and reduce contamination.	High	Supports higher hierarchy actions by guiding users toward reuse and repair options.	High	Targets high tonnage material and has potential to a reduce large percentage of remaining waste. Will focus on how to source separate PPP and organics as key items where residents are confused.	High	Likely to target organics and therefor opportunity to have a big impact on GHG emissions.	High	No significant environmental benefits beyond waste and GHG emissions reductions	Med	Should improve communication with clear instructions for residents with challenges to understand current system. Can be designed to reach diverse communities, especially if developed in multiple languages and accessible formats.	High	Expected to improve convenience by providing instant communication with clear, multilingual instructions.	High	No changes to community building, social connection and peer-to-peer learning	Med	Opportunity to support waste prevention into behavior through accessible digital tools.	Med	Assumes that collaboration with important partners is possible within 0-5 years	High	No changes to accountability. This will not hold actors more accountable than existing system.	High	Will provide more information about what happens to materials and/or aspects of the the solid waste management system in the region	High	Builds partnerships with communications teams, educators, and community organizations to co-develop content.	Med	No impact on ability to handle future threats and sudden changes to the system
4.5 Make recycling easier and more effective by reducing confusion and improving convenience	00131	Improve access to textile donation and recycling collection services.	High	By increasing access to textile donation there will be more used items on the market at a lower cost	High	Increased textile reuse and recycling may help increase jobs and/or GDP.	High	Increased collection, reuse and recycling of textiles will require innovative systems to be in place.	High	This covers reuse and recycling	Med	This covers textiles which is a medium tonnage material	Med	Targets plastic / reduces anthropogenic emissions.	High	Has the potential to reduce the mount of textiles ending up in the waste stream.	Med	No major impact on systemic barriers	High	Inmroving access to donation and recycling services will improve convenience.	High	This can impact behaviour change around textile reuse and recycling.	Med	It would require moderate changes to improve access to donation and recycling collection.	High	Increases accountability of certain materials being collected for recycling and which actors are responsible for the sorting and collection.	High	Increased ease in tracking data due to more collection programs being available.	Med	There is some opportunity to harmonize collection but no specific aspect says this will be implemented in all communities.	High	Involves collaboration with the textile sector.	High	Additional collection programs for materials increases resiliency through a more closed loop system.
4.5 Make recycling easier and more effective by reducing confusion and improving convenience	00140	Support knowledge sharing of space and access requirements for multi-plex units (6 units or less).	High	Potential to reduce costs for multi-plex units with additional knowledge sharing and ideas for space savings or more efficient use.	Med	Unlikely to direct correlate to increased jobs or GDP.	Med	Not likely to be gamechanger and drive innovation.	Med	Main focus is on recycling level of the hierarchy.	High	Could improve source separation collection and improved efficiency of material recycling.	High	Could include a focus on organics collection and recycling.	Med	Within regulatory impacts	Med	No big impact on systemic barriers rather it will impact convenience	High	Potential to increase convenience for collection and use of space.	Med	No expected impact.	Med	Not an overall focus on reduction or reuse so little impact expected for behaviour change.	High	Should be able to be completed in the next five years through knowledge sharing.	Med	No changes to accountability	Med	No changes to transparency	High	This would make requirements in multi-plex buildings more consistent.	Med	Knowledge sharing does not clearly build new partnerships.	Med	No changes to resiliency.
4.5 Make recycling easier and more effective by reducing confusion and improving convenience	00133	Explore the development of a signage standard and customizable tool to help reduce confusion about what goes in each bin, based on the most common items collected.	Med	No direct impact on affordability for residents or sectors.	High	May support circular economy and material recovery indirectly by improving sopring and reducing contamination.	Med	This will provide incremental progress towards goals where progress is already being made.	Med	Focus is on all levels of the hierarchy.	Med	May reduce contamination and improve diversion of high-tonnage materials like organics, plastics, and paper if signage leads to better sorting behaviour, but likley wont result in high tonnage diversion.	Med	Avoided disposal will include a variety of materials. Can be medium- high.	Med	No significant environmental benefits beyond waste and GHG emissions reductions	High	Signage can be designed to reach diverse communities, especially if developed in multiple languages and accessible formats.	High	Expected to improve convenience by providing better communication.	Med	No changes to community building, social connection and peer-to-peer learning	High	Encourages informed choices and better sorting, which can reinforce waste prevention behaviours over time.	High	Assumes that collaboration with important partners is possible within 0-5 years	Med	No changes to accountability. This will not hold actors more accountable.	Med	No impact on transparency for what happens to materials in the system.	High	Supports consistent messaging across jurisdictions and sectors, reducing confusion.	High	Involves collaboration with municipalities, and haulers to develop signage tools.	Med	Incremental progress that doesn't have significant impact on resiliency for the future growing population
4.5 Make recycling easier and more effective by reducing confusion and improving convenience	00132	Recognize and reward those who recycle well so others are inspired to follow their example.	Med	A recognition program will not impact affordability.	High	Introducing a recognition program will likely require significant resources/staffing.	High	Has potential to make significant progress towards goals depending on how many citizens are reached and if the rewards create behaviour change across the population	Med	Related to recycling	Med	This will target medium tonnage materials in curbside recycle bins.	Med	Targets plastic / reduces anthropogenic emissions.	Med	No significant environmental benefits beyond waste and GHG emissions reductions	Med	No major impact on systemic barriers	Med	Recognition and rewards will not impact convenience.	High	This can impact behaviour change for curbside recycling.	Med	It would require moderate changes to implement a reward program.	High	Having a recognition and reward program would hold residents accountable for curbside recycling.	Med	No impact on transparency for what happens to recyclable materials in the system.	Med	It is assumed that this would not have a big impact on consistency/harmonization	Med	May involve collaboration with schools or community groups, but does not require formal partnerships across sectors.	Med	No changes to resiliency.
4.5 Make recycling easier and more effective by reducing confusion and improving convenience	00135	Provide clear, consistent guidelines on what can and cannot be recycled.	High	Low cost intervention with potential to reduce contamination related costs.	Med	May improve recycling arrival quality, but not a direct job or GDP driver.	Med	Not inherently innovative, but could be paired with tech to enhance impact.	Med	Supports recycling which is mid-level int he hierarchy.	Med	Could target high tonnage material but not likely to achieve large amount of remaining waste.	Med	Indirect impact via improved recycling efficiency and reduced landfill use.	Med	Helps prevent improper disposal, but not inherently environmental benefits	Med	Could be inclusive if guidelines are multilingual and accessible.	High	Makes it easier for residents to participate correctly.	Med	Mey encourage engagement, but not inherently community-building.	Med	Encourages correct recycling behaviour but does not focus on prevention.	High	Can be implemented within five years and using existing communication channels and partnerships.	Med	Improves clarity but doesn't require reporting or have a data request.	Med	Limited to clear guidelines, no further explanation or information on what happens to material.	High	Reduces confusion amongst residents and increases consistency across jurisdictions.	Med	May support collaboration indirectly with municipalities and service providers, but the action itself doesn't guarantee new partnerships.	High	Indirectly could increase recycling system efficiency, but impact is limited.

4.5 Make recycling easier and more effective by reducing confusion and improving convenience	D138	Review multi-family residential waste and recycling container space and access guidelines, including determining if the guidance needs to account for increased amounts of material or additional types of materials.	Med	No expected impact to affordability as this deals with building and space requirements for collection.	Med	Similarly to direct correlate to increased jobs or GDP.	Med	Potential to have slight improvement with incremental progress.	Low	Covers disposal and recycling	High	This could allow for increased source separated collection	High	Could result in significant GHg emission reduction if more buildings can collect and divert organics.	Med	Within regulatory impacts	Med	No big impact on systemic barriers rather it will impact convenience	High	Will increase access to three stream collection	Med	No expected impact.	Med	Would require moderate changes and likely to happen in next 5-10 years	Med	No changes to accountability	Med	No changes to transparency	High	This would make requirements in multi-family buildings more consistent.	Med	May involve consultation, but does not clearly build or expand partnerships.	Med	No changes to resiliency.
4.6 Make recycling easier and more effective by reducing confusion and improving convenience	D134	Centralize information sources to make it consistent and easier for the public to find information and look for resources.	Med	No direct impact on affordability for residents or sectors.	Med	May support circular economy and material recovery indirectly by improving participation and reducing confusion.	Med	Improves access and clarity through consolidation, but the education approach is not new.	Med	Focus is on all levels of the hierarchy.	Low	May reduce contamination and improve diversion of high-tonnage materials like organics, plastics, and paper if centralized information leads to better sorting behaviour.	Med	Avoided disposal will include a variety of materials. Can be medium- high.	Med	No significant environmental benefits beyond waste and GHG emissions reductions	Med	No impact to systemic barriers	High	Improves clarity and ease of access for residents by centralizing education and information.	Med	No changes to community building, social connection and peer-to-peer learning	High	Encourages informed choices and better sorting, which can reinforce waste prevention behaviours over time.	High	Assumes that collaboration with important partners is possible within 0-5 years	Med	No changes to accountability. This will not hold actors more accountable.	Med	Can improve understanding of what happens to materials and the waste system if centralized sources include explanations.	High	Supports consistent messaging across jurisdictions and sectors, reducing confusion.	Med	May involve collaboration with municipalities, but the action itself focuses on internal coordination and does not guarantee new partnerships.	Med	Incremental progress that doesn't have significant impact on resiliency for the future growing population
4.6 Make recycling easier and more effective by reducing confusion and improving convenience	D136	Work with businesses and recycling depots across the region to work towards streamlining the types of materials accepted where practical.	Med	No changes to affordability expected.	Med	Similarly to direct correlate to increased jobs or GDP.	Med	Service improvement with incremental progress toward goals.	Med	Mainly focused on recycling.	Med	Likely mainly targets medium tonnage material.	Med	Potential to reduce anthropogenic emissions.	Med	No significant environmental benefits beyond waste and GHG emissions reductions	No changes expected		High	With increased capacity for collection of materials across regional sites, convenience may be improved for residents when trying to recycle materials.	Med	Unlikely to have significant community participation with idea improvements or collection expansion at sites.	High	Very likely could conduct research and begin regional approach within the next five series to harmonize sites.	High	Opportunity to harmonize sites and offer consistent recycling options across the region.	High	Builds partnerships with businesses and recycling depots to align practices.	Med	Only incremental improvement of existing infrastructure.
4.6 Make recycling easier and more effective by reducing confusion and improving convenience	D137	Study sorting and disposal habits in busy public spaces and test different interventions to reduce contamination.	Med	Action would have no impact on affordability.	Med	No significant job increases assumed and since collected materials are often contaminated and of poor quality, recyclability and economic value are lower.	High	Potential for innovation in how waste is managed in large public spaces, e.g., AI.	Med	Action helps to improve recycling.	Low	Relatively small volumes coming these public spaces and also difficult to reduce diverisible waste, even with the right infrastructure.	Med	Targets organics and plastics, but likely to only reduce smaller volumes from disposal	Med	Within regulatory limits. Assuming that Recycle BC would not have any role in this action.	Med	No changes to impacts on barriers or access experienced by different groups/people	High	Would increase access to recycling after scaling up in many locations	Med	Focused on recycling.	High	Civic / public spaces should be easier to implement.	Med	No changes to accountability. This will not hold actors more accountable than existing system.	Med	No changes to transparency assumed.	Med	No changes to consistency/harmonization of services provided as this focuses on already existing programs.	Med	May involve collaboration with municipalities or facilities, but partnerships are not guaranteed.	Med	Waste stations in public spaces are unlikely to influence the region's ability to adal with infrastructure disruption and other stresses (aging infrastructure and increased demand for service)
4.6 Target recycling education	D144	Develop educational resources for businesses, including large waste generators, small and medium sized enterprises, and homeculteral businesses.	High	Opportunity to increase affordability with knowledge of, and resources for, recycling options for the CI sector. Will reduce landfilling fees.	High	Likely to improve overall business practices and allow businesses to focus more on their primary business, increasing GDP.	High	Significant opportunity to meet goals since CI sector is largest sector.	Med	Likely focused on recycling but assumption that reduction and reuse resources and education are included.	High	Huge potential with the focus being on the largest sector, CI.	High	Expected to include a focus on organics.	Med	No significant environmental benefits beyond waste and GHG emissions reductions	Med	No change expected	High	Opportunity to increase convenience for CI sector to participate in programs.	High	Opportunity for peer-to-peer learning and social connection through education programs and resources.	High	Likely focused on recycling but assumption that reduction and reuse resources and education are included to encourage behaviour shift.	High	Research and primary resources could begin in the next five years. However, advanced implementation will likely take longer.	High	Cost improve accountability through programs and increased reporting that coincides witheducational resources.	High	Would help to improve understanding of material flow in the CI sector through research and pilots.	High	Eventually would work towards harmonization and consistency of CI programs.	High	Builds collaboration with business associations, chambers of commerce, and cultural organizations to tailor education.	High	Improved research and education programs will help improve resiliency for the CI sector.
4.6 Target recycling education	D146	Develop educational resources for people to reduce waste when they are hosting a large gathering	High	Reducing waste for large gatherings has the potential to make events more affordable.	Med	No expected impact	Med	Potential to have slight improvement with incremental progress.	High	Focus on reduction.	Med	Focusing on reduction of waste but for a very specific waste stream that is not likely to be linked with huge progress.	High	Could have a significant focus on reduction of organic waste.	High	Has potential to reduce the amount of plastics ending up in the environment as waste.	Med	No big impact on systemic barriers rather it will impact convenience	High	Will increase knowledge of programs and practices.	High	Education will involve social connection and peer-to-peer learning.	High	Education can be completed in five years.	Med	No changes to accountability	High	Potential to improve understanding of material flows for residents hosting large gatherings.	High	Should help to reduce confusion for residents.	Med	May involve collaboration with event organizers or community groups, but partnerships are not central to the action.
4.6 Target recycling education	D145	Explore collaborations with non-profits organizations to support and promote the potential to better education and sorting in apartment buildings.	High	Better education and sorting for apartments has the potential to reduce overall recycling program costs.	Med	No expected impact	Med	Potential to have slight improvement with incremental progress.	Med	Likely focuses on recycling, but could have some reduction/reuse components as well.	High	This could allow for increased source separated collection	High	Could result in significant GHg emission reduction if more buildings can collect and divert organics.	Med	No significant environmental benefits beyond waste and GHG emissions reductions	Med	No big impact on systemic barriers rather it will impact convenience	High	Will increase access to recycling systems and increase knowledge of programs.	High	Involving non-profits and collaborating with groups will encourage peer-to-peer learning and social connection.	High	Has the opportunity to impact behaviour by increasing education.	High	Could work on developing partnerships within the next five years.	Med	No changes to accountability	High	Potential to improve understanding of material flows from apartments.	High	This would make requirements in multi-family buildings more consistent.	High	Involves collaboration with non-profits to improve education and sorting outcomes.	High	Improved research and education programs will help improve resiliency for the sector
4.6 Target recycling education	D147	Improve awareness and access to existing environmental advisors that provide regional waste reduction information services.	Med	No anticipated impacts due to the focus being on existing advisors.	Med	No anticipated impacts due to the focus being on existing advisors.	Med	No anticipated impacts due to the focus being on existing advisors. Slight improvement expected with incremental progress.	High	Waste reduction information services.	Med	Focusing on reduction of waste but for a very specific program that is not likely to be linked with huge progress.	High	Has potential to include significant program participation in organics programs.	High	Potential for demonstrable improvements to environmental performance through campaigns and increased program participation.	Med	No big impact on systemic barriers rather it will impact convenience	High	Improving access to advisors may make it more convenient for people to use the program.	High	Has the opportunity to impact behaviour by increasing education through Advisor program. Focused on reduction.	High	Since Advisor program is already established, expansion should be able to occur in the next five years.	Med	No changes to accountability	High	Potential to improve understanding of material flows for people accessing the Advisor program.	High	May support collaboration with non-profits to promote existing services, but does not guarantee new partnerships.	High	Improved education and program access should increase resiliency of the community.
4.6 Target recycling education	D148	Expand appeal of recycling messaging by working with artists and community influencers to develop messaging to inspire and motivate people to recycle.	Low	Potential to initially increase the cost of recycling programs due to the involvement of artists and influencers.	High	May require the need to hire artists and influencers, increasing jobs. Could stimulate recycling and overall GDP.	Med	Likely to only see incremental progress, but would depend on success of campaigns.	Med	Focused on recycling.	High	Could focus on higher tonnage material streams.	High	Has potential to include significant impact on participation in organics programs.	High	Potential for demonstrable improvements to environmental performance through campaigns and increased program participation.	Med	No expected impact on systemic barriers.	Med	No physical component to increase convenience.	High	Good campaigns could include peer-to-peer learning and social connection.	Med	Focused on recycling but does have significant ability to change behaviours.	Med	Might take additional time to organize campaigns to work with artists and influencers.	Med	No changes to accountability	High	Potential to improve understanding of material flows for people through campaigns.	High	Builds collaboration with creative and community sectors to co-develop culturally resonant messaging.	High	Improved motivation to participate in programs increases overall community resilience.
4.6 Target recycling education	D151	Gamify recycling and reduction education.	Med	Gamifying recycling and reduction education won't have an impact on affordability.	Med	No anticipated impact to prosperity / jobs	Med	Will lead to incremental progress by potentially increasing interest in education and waste reduction behaviours.	High	Focused on actions to prevent waste.	High	Assumption that some of the education will be focused on high tonnage materials such as organics and plastics.	High	Assumption that some of the education will be focused on high tonnage materials such as organics and plastics.	High	Has potential to demonstrate higher environmental performance through reduced use of harmful products and single use items	Med	Has potential to remove social barriers and access gamifying on education and program delivery techniques, but does not target systemic barriers.	Med	Although this might make it more interesting to participate, it will not impact convenience.	High	There is opportunity for this action to support community building, social connection and peer-to-peer learning.	High	Can help with shifting behaviour to meet goals of waste prevention.	High	This could at least begin in the next five years.	Med	No accountability component.	Med	No changes to transparency assumed.	Med	No changes to consistency/harmonization.	Med	Will require collaboration with member jurisdictions.	High	Increases connectedness of resources and understanding of local options.
4.6 Target recycling education	D152	Collaborate on the development of how to recycle videos to improve community pride and accuracy of recycling.	Med	No direct impact on affordability for residents or sectors.	Med	May support circular economy and material recovery indirectly by improving participation and reducing contamination.	Med	Improves understanding of on how to recycle, but the education approach itself is not new or innovative.	Med	Action helps to improve recycling.	High	May reduce contamination and improve diversion of high-tonnage materials like organics, plastics, and paper if videos lead to better sorting behaviour.	Med	Avoided disposal will include a variety of materials. Can be medium- high.	Med	No significant environmental benefits beyond waste and GHG emissions reductions	Med	Videos can be designed to reach diverse communities, especially if delivered in multiple languages and accessible formats.	High	Improves clarity for residents and simplifies participation in recycling programs. Offers visual guidance that is easy to understand.	Med	No changes to community building, social connection and peer-to-peer learning	High	Encourages informed choices and better sorting, which can reinforce waste prevention behaviours over time.	High	Assumes that collaboration with important partners is possible with 0-5 years	Med	No changes to accountability. This will not hold actors more accountable.	High	Will provide more information about what happens to materials and/or aspects of the the solid waste management system in the region	High	Potential to increase efficiency and reduce confusion for residents	High	Builds partnerships with communications teams, educators, and community organizations to co-develop content.	Med	Incremental progress that doesn't have significant impact on resiliency for the future growing population.
4.6 Target recycling education	D143	Work with producer responsibility organizations, industry groups and members to better educate residents on options for emerging and challenging materials.	Med	No direct impact on residents or sectors. Education efforts are typically covered by RecycleBC or existing programs.	Med	May support circular economy and material recovery indirectly by improving participation and reducing contamination.	Med	Improves understanding of newer materials and systems, but the education approach itself is not new or innovative.	Med	Action helps to improve recycling.	High	Targets high tonnage material and has potential to a reduce large quantity of remaining waste. Will focus on how to source separate PPP and EPR materials	Med	This action targets athropogenic emissions (plastics).	Med	No significant environmental benefits beyond waste and GHG emissions reductions	Med	Should improve communication with clear, multilingual instructions for residents with challenges to understand current system, but does not target systemic barriers.	Med	May improves clarity for residents, but likely wont have big impact on convenience.	High	Opportunity for peer-to-peer learning and social connection through education programs and resources.	High	Encourages informed choices and better sorting, which can reinforce waste prevention behaviours.	High	Assumes that collaboration with important partners is possible with 0-5 years	Med	No changes to accountability. This will not hold actors more accountable than existing system.	High	Will provide more information about what happens to materials and/or aspects of the the solid waste management system in the region.	High	Potential to increase efficiency and reduce confusion for residents.	High	Involves collaboration with multiple stakeholders in the recycling and product stewardship sectors to improve education.	Med	No impact on ability to handle future threats and sudden changes to the system.
4.6 Target recycling education	D150	Research and target the most confusing items for residents that are often incorrectly sorted.	Med	Researching confusing items for sorting will not have any impact on affordability.	Med	No impact on jobs or GDP.	Med	Will help make incremental progress towards goals.	Med	Focus is on recycling.	High	Targets recyclable materials which are high in quantity and tonnage	Med	No big impact on GHG emissions reduction.	Med	Within regulatory impacts	Med	No changes to impacts on barriers or access experienced by different groups/people	High	Should increase convenience and ability for residents to participate in recycling programs if it is more clear on what amterials can be sorted/recycled.	High	Targeting residents through different approaches and providing education on what materials hould be sorted for recycling does provide social connection and peer-to-peer learning.	Med	Focused on recycling participation, not specifically prevention behaviour.	High	Ability to implement in next 0-5 years	Med	No changes to accountability	High	Should midely increase transparency for residents with a better understanding of what materials can be sorted for recycling.	High	Should increase consistency of recycling stream and program details for residents.	Med	May involve collaboration with data analysts or service providers, but primarily focuses on internal research.	Med	No changes to resiliency.
4.6 Target recycling education	D129	Promote and educate residents on worm bins, backyard composting.	Med	Promoting and educating will not impact affordability for residents.	Med	This will not have a large impact on jobs/GDP, aside from increased resources for further education support.	Med	This will provide incremental progress towards goals where progress is already being made.	Med	Focus is on composting.	High	This targets organics, but it would likely target a small percent of all organics in the region.	High	Targets organics.	Med		Med	No impact to systemic barriers	High	This could make it more convenient for residents in MF buildings that do not have curbside organics collection to compost using worm bins	Med	No big impact on connecting people.	High	This action would help with the shift of behaviour to meet goals.	High	This can be implemented in the next 0-5 years.	Med	No accountability component.	Med	No changes to transparency expected	Med	No changes to consistency/harmonization	Med	Public outreach focused, does not clearly build or expand partnerships.	Med	incremental progress as measuring and reporting doesn't significantly increase resiliency for the future populations.
4.6 Target recycling education	D154	Work with member jurisdictions and other recycling collectors to pilot technologies such as such as optical AI contamination detection systems to provide education on proper waste sorting requirements.	Med	No direct impact on residents or sectors.	Med	Likely to have low impact on jobs/GDP, if any.	High	There is potential for innovation to find new technologies that can support education on waste sorting.	Med	Action helps to improve recycling.	High	This action targets recyclable materials which are high tonnage materials.	Med	This action targets athropogenic emissions (plastics).	Med	Within regulatory limits. Assuming that Recycle BC would not have any role in this action.	Med	No changes to impacts on barriers or access experienced by different groups/people	High	This would make it easier for jurisdictions and collectors to participate and pilot new technologies.	Med	No changes to community building, social connection and peer-to-peer learning	High	This would target education on proper sorting and behaviour change.	Med	Piloting new technologies would take moderate effort.	Med	There is potentially opportunity for accountability for proper sorting but when using new technologies, such as AI, there are many privacy concerns that need to be considered.	Med	No changes to transparency assumed.	High	Working with jurisdictions and collectors in the region can result in more consistency and harmonization.	High	Builds collaboration across jurisdictions and industry to test and implement new technologies.	Med	Piloting contamination solutions is unlikely to influence the region's ability to adal with infrastructure disruption and other stresses (aging infrastructure and increased demand for service)
4.6 Target recycling education	D153	Work on understanding recycling data and challenges in specific commercial sectors such as events, film, tourism, food service, and health care.	Med	No direct cost changes for sectors during data collection phase, but understanding should lead to cost-effective solutions later	Med	Could maintain existing jobs in waste management sector, potential to identify opportunitkes for new circular business models.	Med	Represents improvement in process through better data collection and analysis; could lead to sector-specific solutions	Med	Data collection itself is at the recycling level, but insights could support higher hierarchy actions	Med	Targets CI (Commercial/Institutional) sector which is largest sector, however unlikely to target large amounts of waste.	Med	Better recycling data could lead to reduced transport emissions and improved processing efficiency	Med	No direct environmental impact from data collection; emissions would be within regulatory limits	Med	No direct changes to barriers or access during data collection phase	Med	No immediate changes to convenience for end users	Med	No changes to community building, social connection and peer-to-peer learning	High	Understanding challenges is foundational to designing behaviour change interventions	High	Relatively easy to implement data collection within 0-5 years using existing resources and systems	High	Creates clear data trail.	High	Provides transparent information about what happens to materials in specific commercial sectors	High	Builds collaboration with sectors, potentially strengthening partnerships.	Med	Provides information foundation that could support more resilient waste management systems, but is incremental improvement
4.7 Increase transparency of what happens to materials from recycling and green bin programs	D157	Facilitate public tours of recycling facilities so that residents can see what happens to their materials.	Med	No direct impact on affordability for residents or sectors.	High	Potential for an increase in local jobs with increased public tours in the region.	Med	This will provide incremental progress towards goals where progress is already being made.	Med	Mainly focused on recycling.	Med	This targets all levels of the hierarchy, but it would likely target a small percent in the region.	Med	Avoided disposal will include a variety of materials. Can be medium- high.	Med	No significant environmental benefits beyond waste and GHG emissions reductions	Med	Can be designed to accommodate diverse groups, including school programs and community organizations.	High	Makes it more convenient for the public to learn about the system.	High	Directly engages residents and community groups. Builds social connection and pride through shared learning.	High	Encourages informed choices and better sorting, which can reinforce waste prevention behaviour.	High	Assumes that collaboration with important partners is possible within 0-5 years	Med	No changes to accountability. This will not hold actors more accountable.	High	Increases transparency by letting the public see the facilities and understand the process.	Med	No changes to consistency/harmonization.	High	Involves collaboration with facility operators and municipalities to coordinate public engagement activities.	Med	Incremental progress that doesn't have significant impact on resiliency for the future growing population
4.7 Increase transparency of what happens to materials from recycling and green bin programs	D156	Increase transparency of which organizations are handling which materials.	Med	Transparency on the waste system will not impact affordability.	Med	Unlikely to direct correlate to increased jobs or GDP.	Med	Will help make incremental progress towards goals.	Med	Focus is on all levels of the hierarchy.	Low	Does not directly target waste streams.	Med	No big impact on GHG emissions reduction.	Med	No significant environmental benefits beyond waste and GHG emissions reductions	Med	No impact to systemic barriers	High	Makes it more convenient for the public to learn about the system.	Med	No changes to community building, social connection and peer-to-peer learning	High	The goal would be for residents to be inspired to reduce/reuse more after seeing the facilities.	High	Assumes that collaboration with important partners is possible within 0-5 years	Med	No changes to accountability. This will not hold actors more accountable.	High	Increases transparency of what happens to materials	Med	No changes to consistency/harmonization.	Med	May support collaboration indirectly by clarifying roles and responsibilities, but the action itself doesn't guarantee new partnerships.	Med	Incremental progress that doesn't have significant impact on resiliency for the future growing population
4.7 Increase transparency of what happens to materials from recycling and green bin programs	D159	Show where waste goes and how it's processed to provide more transparency in the recycling system.	Med	Information on what happens to recyclable materials in databases will not impact affordability.	Med	Providing more information on what happens to recyclable materials is unlikly to have an impact on jobs/GDP.	Med	Will help make incremental progress towards goals.	Med	Focus is on recycling.	Low	Does not directly target waste streams.	Med	No big impact on GHG emissions reduction.	Med	No significant environmental benefits beyond waste and GHG emissions reductions	Med	No impact to systemic barriers	High	Makes it more convenient for the public to learn about the system.	Med	No changes to community building, social connection and peer-to-peer learning	Med	Although this could encourage some behaviour change, it is unlikely to reach a high percent of the population.	High	Ability to implement in next 0-5 years	Med	No changes to accountability. This will not hold actors more accountable.	High	Increases transparency of what happens to materials	Med	No changes to consistency/harmonization.	Med	May support collaboration indirectly with facility operators and service providers, but the action focuses on public education.	Med	Incremental progress that doesn't have significant impact on resiliency for the future growing population
4.7 Increase transparency of what happens to materials from recycling and green bin programs	D158	Facilitate adding what happens to material in recycling option databases.	Med	Information on what happens to recyclable materials in databases will not impact affordability.	Med	Providing more information on what happens to recyclable materials is unlikly to have an impact on jobs/GDP.	Med	May help make incremental progress towards goals.	Med	Focus is on recycling.	Low	Does not directly target waste streams.	Med	No big impact on GHG emissions reduction.	Med	No significant environmental benefits beyond waste and GHG emissions reductions	Med	No impact to systemic barriers	High	Makes it more convenient for the public to learn about the system.	Med	No changes to community building, social connection and peer-to-peer learning	Med	Although this could encourage some behaviour change, it is unlikely to reach a high percent of the population.	Med	This would take time to implement across the region as each member municipality has individual databases and apps.	Med	No changes to accountability. This will not hold actors more accountable.	High	This work increase transparency on what happens to materials being recycled.	Med	No changes to consistency/harmonization.	Med	May involve collaboration with database managers and service providers, but primarily focuses on information sharing rather than partnership development.	Med	Incremental progress that doesn't have significant impact on resiliency for the future growing population
4.8 Prevent litter and illegal dumping through public space recycling initiatives	D175	Explore more community waste, recycling, and reuse drop-off events.	High	Having free waste drop-off events reduces the cost for items they would typically be charged for.	Med	Depending on the scale, this could require more staff to run the events as you increase the number of events.	Med	Helps with incremental progress towards goals by adding more free drop-off events.	Med	Includes both recycling and disposing of drop-off items.	Med	Likely to target medium tonnage materials such as household items, bulky objects	Med	Won't have impaction GHG emissions as items are still being received for disposal or recycling, but it is free for residents.	High	Having free drop-off days can help reduce illegal dumping of items	Med	This can reduce financial barriers for residents to properly dispose of items, but does not reduce systemic barrier directly as drop-off events are not accessible to many populations.	Med	No changes to convenience. Residents still have to drive to specified locations to drop-off items.	Med	This can help bring the community together and provide peer-to-peer learning.	High	This encourages drop-off of items rather than illegal dumping.	High	This would require significant effort to coordinate and work with member municipalities to implement.	Med	No accountability component.	Med	Assuming the materials being dropped off would be tracked, it would provide better and more data.	High	Working with member municipalities to implement more events would increase consistency of these events across the region.	High	Would likely involve collaboration with member municipalities.	Med	No expected changes to resiliency.
4.8 Prevent litter and illegal dumping through public space recycling initiatives	D176	Support community clean-up initiatives	High	Providing community grants for clean up events would reduce the cost on communities	Med	Will not have a big impact on jobs/GDP.	Med	Can help with incremental progress towards goals but it not a game changer.	Low	Will help with illegal dumping/disposal	High	Likely to target household items, misc. building materials, bulky items	Med	Reduces anthropogenic emissions	High	Has potential to clean-up sites and eventually reduce illegal dumping or exposure of toxic materials to the natural environment	Med	No changes to systemic barriers	High	This will make it more convenient for communities to participate	High	This supports community building and social connection	High	Has the potential to influence behaviour change away from illegal dumping to meet goals	Med	Ability to implement within next 0-5 years depending on budget	Med	Wont have an impact on accountability as this is community organizations doing the clean up after items have been illegally dumped	Med	Although this helps with illegal dumping, it does not provide more insight into the system	Med	No impacts to consistency/harmonization.	High	Would likely involve collaboration with member municipalities and communities in the region.	Med	No expected changes to resiliency.
4.8 Prevent litter and illegal dumping through public space recycling initiatives	D174	Enhance litter and illegal dumping data collection	High	Having more data on illegal dumping should help to improve efficiency of systems and reduce costs	Med	Will not have a big impact on jobs/GDP.	Med	Process improvement but significant progress not expected as a result	Low	Focused on recovery and residual management	Low	Not focused on reducing any portions fo the waste stream. Instead focused on management at the end of pipe	Low	Not focused on reducing any portions fo the waste stream. Instead focused on management at the end of pipe	High	Has potential to clean-up sites and eventually reduce illegal dumping or exposure of toxic materials to the natural environment	Med	No changes to systemic barriers	Med	No changes to convenience	Med	No changes to community participation	Med	No expected impact on behaviour change	High	Relationships and collaboration initiatives could commence in shorter term	High	Improved tracking of data and management of sites improves accountability in the region	High	Increased data demonstrates improved transparency of materials and end dostinations in the waste management system	High	Working with member municipalities to improve data has the potential to harmonize the system	High	Would involve working with member municipalities to gather data.	Med	No expected changes to resiliency.
4.8 Prevent litter and illegal dumping through public space recycling initiatives	D178	Review approaches in other jurisdictions to reduce illegal dumping	Med	No significant cost impacts assumed from research.	Med	Not expected to have a significant impact on jobs.	Med	Process improvement but significant progress not expected as a result.	Low	Focused on recovery and residual management.	Low	Not focused on reducing any portions fo the waste stream. Instead focused on management at the end of pipe.	Low	Not focused on reducing any portions fo the waste stream. Instead focused on management at the end of pipe.	High	Has potential to clean-up sites and eventually reduce illegal dumping or exposure of toxic materials to the natural environment	Med	No changes to systemic barriers.	Med	No changes to convenience.	Med	No changes to community participation.	Med	No expected impact on behaviour change.	High	Relationships and collaboration initiatives could commence in shorter term.	High	Improves understanding of system gaps and potential solutions, which can inform accountability measures. Formal accountability remains unchanged.	High	Provides visibility into how other jurisdictions manage illegal dumping and what outcomes they achieve. Transparency depends on how findings are shared.	High	Supports harmonized approaches across jurisdictions if successful strategies are adopted regionally. Reduces confusion and improves enforcement consistency.	High	Would involve working with member municipalities.	Med	No expected changes to resiliency.
4.8 Prevent litter and illegal dumping through public space recycling initiatives	D177	Research the impacts of improperly managed waste on wildlife	Med	No significant cost impacts assumed from research.	Med	May support circular economy and environmental protection indirectly by informing better waste management practices that reduce impact on wildlife.	Med	Will lead to incremental progress by increasing reducing impact on wildlife.	Med	Indirectly supports circularity by identifying consequences of poor waste handling and reinforcing the importance of keeping materials in use and out of ecosystems.	Low	Does not directly target waste streams.	Med	Won't have impaction GHG emissions.	High	Directly promotes environmental protection by highlighting harm to wildlife and ecosystems. Findings can guide stewardship efforts and public awareness campaigns.	Med	No changes to impacts on barriers or access experienced by different groups/people.	Med	No changes to convenience although findings from the research, if implemented, could impact convenience.	Med	Likely no large changes to community building, social connection and peer-to-peer learning.	Med	Potential for findings to reinforce waste prevention behaviours by showing real-world consequences of mismanagement, especially if integrated into education efforts.	High	Ability to implement within next 0-5 years depending on budget.	Med	Could improve understanding of impacts, but no accountability component built into the action.	Med	Although this helps with understanding impacts on wildlife, it does not provide more insight into the system.	Med	Would likely involve researchers, environmental organizations, municipalities, and potentially community groups. Shared interest in protecting ecosystems.	Med	No expected changes to resiliency.