

Strategy	20 Yrs	Action Option	Affordability	Assumptions	Economic Prosperity	Innovation	Circularity	Waste Reduction	GHG Emissions Reduction	Environmental Stewardship	Inclusivity	Convenience	Community Participation	Supports Waste Prevention Habits and Actions	Practicality of Implementation	Accountability	Transparency	Connectivity / Harmonization	Collaboration	Resilience
1.1 Advocate for circular economy policies	2024	Work with other municipalities and regions across Canada to develop and advocate for implementation of priority circular economy regulations.	High	Opportunity for CE regulations to increase jobs with a focus on higher levels of the hierarchy (e.g., ability to repair)	Generally CE is expected to increase jobs with a focus on higher levels of the hierarchy (e.g., repair)	Such an option would be very new for the region and progressive in all regards	CE regulations	CE generally creates a focus on higher levels of the hierarchy	Assumed to have some focus on organics	Demonsirable improvements in environmental performance when moving from linear model to a circular model	Approaches assumed to not significantly change barriers to access experienced by different groups	Improves convenience of circular approaches when regulated and they become more common and standardized	Connects people through services and programs delivered and likely to demonstrate improvements to community building, social connection and peer-to-peer learning	Ability to demonstrate ability through regulation to shift behavior to become more circular	Significant changes to current models would require over 10 years to implement	High	High	High	High	High
1.1 Advocate for circular economy policies	2023	Advocate for regulatory approaches that prevent waste through implementation of low carbon, circular design and business models	Med	No significant cost to specific actors assumed, but would depend on approaches and focus	Waste prevention approaches and circular solutions generally increase jobs and/or GDP, especially when regulatory approaches focus multiple sectors to change	Enabling transition to reusable systems and supporting new circular business models	High	High	High	High	Med	High	High	High	Med	High	High	High	Med	High
1.1 Advocate for circular economy policies	2030	Advocate that federal and provincial governments develop regulatory programs to improve reporting and implementation of circular food systems	High	If this results in implementing circular food systems then food recovery can become more affordable and will reach more people	Assuming a the recovery network scales up, this can result in increased jobs in the food recovery network	Will lead to incremental progress by increasing the scale of the food network. Not likely to be a game changer	High	High	High	Med	Med	Med	Med	High	High	High	High	High	Med	High
1.1 Advocate for circular economy policies	2025	Advocate that federal and provincial governments develop regulatory programs to improve reporting and implementation of circular food systems	Med	Reporting requirements will increase compliance costs for developers, but long term savings possible through material efficiency and reduced disposal problems	Waste prevention approaches and circular solutions generally increase jobs and/or GDP, especially when regulatory approaches focus multiple sectors to change	Potential/game changer to transition to reusable construction systems and stimulate a competitive market where industry is motivated to develop circular solutions to waste management problems	High	High	High	Med	Med	Low	Med	High	Med	High	High	High	Med	High
1.1 Advocate for circular economy policies	2026	Advocate that federal and provincial governments phase in regulations for the prohibition of the import, export, manufacture, and distribution of non-recyclable, non-recyclable products and packaging	Med	Highly increases costs at the short term for manufacturers, importers, and consumers (as expensive). Costs could decline long term if circular solutions scale	Assuming that material prohibition materials jobs and/or GDP. Not likely to significantly increase or decrease	Enabling transition to reusable systems and supporting new circular business models by prohibiting non-recyclable materials	High	High	High	Med	Med	Med	Med	High	Med	High	High	High	Med	High
1.2 Support the transition to a more circular regional economy through waste prevention	2026	Identify and encourage scale up of low waste local food production such as vertical farms, growing, food manufacturing, and food retail	High	Opportunity to reduce costs with increased food recovery and sharing	Job creation opportunity with increased food recovery and sharing	Relatively new for the region and expansion is needed	High	High	High	High	High	High	High	High	High	High	High	High	High	High
1.2 Support the transition to a more circular regional economy through waste prevention	2024	Work collaboratively with economic development agencies to implement circular business solutions that support waste prevention innovation and support a prosperous region	High	Circular business solutions would increase efficiency and ultimately reduce costs in the long run	Creates jobs and potential to support investment Vancouver and Metro 2050 goals	New initiatives for the region and increasing innovation for businesses	High	High	High	High	Med	High	High	High	Med	High	High	High	High	High
1.2 Support the transition to a more circular regional economy through waste prevention	2029	Improve circular economy practices in relation through food tips, hands-on learning, and other innovative school education programs	High	Has potential to increase overall participation in relation through food tips, hands-on learning, and other innovative school education programs	Highly to have a significant impact on job creation in the school system. Would rely on experts and modifications to curriculum	Would be an innovative approach for this region and encourages creativity among the region as a group age	High	High	High	High	High	High	High	High	Med	High	High	High	High	High
1.2 Support the transition to a more circular regional economy through waste prevention	2025	Advocate for materials and programs for circular built environment solutions such as repair for disassembly, building as material banks, and incorporation of used building materials for new construction	Med	Highly to increase costs at short, but incorporation of used materials can decrease costs	Highly to increase costs at short, but incorporation of used materials can decrease costs	Highly to increase costs at short, but incorporation of used materials can decrease costs	High	High	High	Med	Med	High	High	High	Med	High	High	High	Med	High
1.2 Support the transition to a more circular regional economy through waste prevention	2021	Explore collaborations with entities such as chambers of commerce, industry groups and medium-sized enterprises with practical guidance to successfully transition to a circular economy	High	Has potential to increase overall participation in relation through food tips, hands-on learning, and other innovative school education programs	Highly to have a significant impact on job creation in the school system. Would rely on experts and modifications to curriculum	Would be an innovative approach for this region and encourages creativity among the region as a group age	High	High	High	High	High	High	High	High	Med	High	High	High	High	High
1.2 Support the transition to a more circular regional economy through waste prevention	2022	Bring together cross sector ideas and resources to create circular economy solutions that accelerate waste prevention	High	Has potential to increase overall participation in relation through food tips, hands-on learning, and other innovative school education programs	Highly to have a significant impact on job creation in the school system. Would rely on experts and modifications to curriculum	Would be an innovative approach for this region and encourages creativity among the region as a group age	High	High	High	High	High	High	High	High	Med	High	High	High	High	High
1.2 Support the transition to a more circular regional economy through waste prevention	2025	Advocate that provincial and municipal governments develop an incentive program to increase the use of used building materials in new projects	High	Potential to reduce costs by increasing the use of used building materials in new projects	Increased material reuse and/or GDP	Potential/game changer to transition to reusable construction systems and stimulate a competitive market where industry is motivated to develop circular solutions to waste management problems in response to Metro Vancouver's circular economy policy and operations	High	High	High	Med	Med	High	High	High	Med	High	High	High	Med	High
1.2 Support the transition to a more circular regional economy through waste prevention	2024	Work with trade schools, industry associations, practitioners, and senior government to identify and implement solutions to fill skills training gaps required to scale a circular food system	High	Collaboration can ensure that training on food recovery can become more affordable and reach more people	Assuming a the recovery network scales up, this can result in increased jobs in the food recovery network	Will lead to incremental progress by increasing the scale of the food network. Not likely to be a game changer	High	High	High	Med	Med	Med	High	High	High	High	High	High	Med	High
1.2 Support the transition to a more circular regional economy through waste prevention	2021	Host events with different sectors to understand the current and potential future abilities to provide circular products and services	Med	Hosting events will not have any direct impact on affordability. It is difficult to know what the results might be of these events	No big impact on jobs. Could have indirect impact on jobs	Could stimulate industry and motivate them to develop circular solutions	High	High	High	High	Med	High	High	High	Med	High	High	High	High	High
1.2 Support the transition to a more circular regional economy through waste prevention	2024	Work with trade schools, industry associations, practitioners, and senior government to identify and implement solutions to fill skills training gaps required to scale a circular food system	High	Collaboration can ensure that training on food recovery can become more affordable and reach more people	Assuming a the recovery network scales up, this can result in increased jobs in the food recovery network	Will lead to incremental progress by increasing the scale of the food network. Not likely to be a game changer	High	High	High	Med	Med	Med	High	High	High	High	High	High	Med	High
1.2 Support the transition to a more circular regional economy through waste prevention	2021	Host events with different sectors to understand the current and potential future abilities to provide circular products and services	Med	Hosting events will not have any direct impact on affordability. It is difficult to know what the results might be of these events	No big impact on jobs. Could have indirect impact on jobs	Could stimulate industry and motivate them to develop circular solutions	High	High	High	High	Med	High	High	High	Med	High	High	High	High	High
1.2 Support the transition to a more circular regional economy through waste prevention	2024	Work with trade schools, industry associations, practitioners, and senior government to identify and implement solutions to fill skills training gaps required to scale a circular food system	High	Collaboration can ensure that training on food recovery can become more affordable and reach more people	Assuming a the recovery network scales up, this can result in increased jobs in the food recovery network	Will lead to incremental progress by increasing the scale of the food network. Not likely to be a game changer	High	High	High	Med	Med	Med	High	High	High	High	High	High	Med	High
1.2 Support the transition to a more circular regional economy through waste prevention	2028	Identify and fill skills training network of jobs	Med	Identifying and filling skills training network of jobs	This will directly impact network of jobs	Could result in new jobs that support the circular economy and develop industry and circular business models	High	High	High	Med	Med	High	High	High	Med	High	High	High	High	High
1.2 Support the transition to a more circular regional economy through waste prevention	2028	Identify and fill skills training network of jobs	Med	Identifying and filling skills training network of jobs	This will directly impact network of jobs	Could result in new jobs that support the circular economy and develop industry and circular business models	High	High	High	Med	Med	High	High	High	Med	High	High	High	High	High
1.2 Support the transition to a more circular regional economy through waste prevention	2029	Implement additional waste prevention policies and programs within Metro Vancouver's operations	Med	Some upfront investment in policy/program design and staff training, but long term savings possible through reduced purchasing, disposal costs, and increased efficiency	Med	Med	High	High	High	Med	Med	High	High	High	Med	High	High	High	Med	High
1.2 Support the transition to a more circular regional economy through waste prevention	2020	Share regional learning in relation to food recovery and preventing waste in Metro Vancouver's operations and planning	Med	No significant change in cost from this initiative	Highly to maintain jobs and/or GDP from increased CE branding	Potential to stimulate a competitive market where industry is motivated to develop circular solutions to waste management problems in response to Metro Vancouver's circular economy policy and operations	High	High	High	Med	Med	High	High	High	Med	High	High	High	Med	High
1.2 Support the transition to a more circular regional economy through waste prevention	2023	Align education programs and collaborate with post-secondary institutions and professional development programs across various sectors to enhance circular economy training effort	High	No change in cost from this initiative	Potential to support investment Vancouver and Metro 2050 goals by supporting circular jobs and increasing participation positive way industry	Improved training opportunities help to meet goals (transition to circular business models)	High	High	High	Med	Med	High	High	High	Med	High	High	High	Med	High
1.2 Support the transition to a more circular regional economy through waste prevention	2024	Identify and work with industry peers/organizers to include circular built environment across waste prevention in their industry communications and training sessions	Med	Increased communication and training for reducing waste in the built environment won't have a direct impact on affordability	Increased communication and training for reducing waste in the built environment won't have a direct impact on affordability	Increased communication and training for reducing waste in the built environment won't have a direct impact on affordability	High	High	High	Med	Med	High	High	High	Med	High	High	High	Med	High

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Strategy	DO 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	Feasibility of Implementation	Assumptions	Accountability	Assumptions	Transparency	Assumptions	Connectivity / Harmonization	Assumptions	Collaboration	Assumptions	Resilience	Assumptions
1.1 Build on and foster an inclusive and collaborative circular economy	2021	Work on collaborative research projects to further advance waste reduction and circular economy, and share the findings broadly.	High	Openness to reduce costs through research projects that can eventually be implemented community-wide	High	Could create a need for future circular economy implementation experts	High	New for the region or a significant expansion of current smaller projects at a minimum	High	Could consider options from top levels of hierarchy	High	Could focus on high tonnage materials for certain sectors such as organics and plastic	High	Potential to target organics with certain sectors	High	Certain sectors could demonstrate higher environmental performance through reduction of harmful materials	Med	No change to barriers or access	High	Makes it easier for urban visitors to participate and improve waste reduction	High	Enhances community building and peer-to-peer learning	High	Research that can be combined in short term but sharing of ideas and implementation efforts across the community	Med	Research that can be combined in short term but sharing of ideas and implementation efforts across the community	High	Through increased research and waste reduction projects being implemented, accountability has the potential to increase across the community	High	Research increases the transparency especially when sharing of project details (successes and failures)	High	Through increased research and project implementation, consistency across the region should increase with sharing of successes, leading itself to future harmonization	High	Directly involves collaboration with research institutions	Projects that advance CE help to increase resiliency	
1.1 Build on and foster an inclusive and collaborative circular economy	2027	Collaborate with external groups to identify and implement new circular economy initiatives in the community	Med	No expected changes in cost to the community	High	New initiatives could create jobs	High	New initiatives is innovative	High	Circular economy initiatives focus on the top levels of the hierarchy	High	Assumption that these would focus on higher tonnage materials such as organics and plastic	Med	Has potential to reduce anthropogenic emissions - circular economy reduces GHG	High	Has potential to reduce use of harmful substances and decrease water use, dependent on initiative	Med	No change to barriers or access	High	Identification of new initiatives means more people in the community can participate	High	Enhances community building and peer-to-peer learning	High	Could shift behaviour to more circular actions in the community	High	Could implement in short term	High	Would increase tracking and performance monitoring of initiatives in the community	High	Circular initiatives would increase overall system transparency	High	Opportunity to increase business efficiency and reduce confusion for residents	High	Focuses on building new external partnerships	High	Projects that advance CE help to increase resiliency
1.1 Build on and foster an inclusive and collaborative circular economy	2028	Develop collaborative programs that integrate Indigenous practices into urban sustainability initiatives, such as community composting gardens or permeable projects	High	Practices such as community composting can be more cost efficient for managing organic material	Med	Ability to direct consults to increased jobs or GDP	High	Significant game changer for the circular models and transitioning programs to be more local and sustainable	High	Although some of the programs are focused on composting, there is an opportunity to develop local circular systems	High	No targets organics, but it would likely target a small percent of all organics in the region	High	Targets organics	High	Decomposable pigments to the system by introducing circular systems with a local sustainable focus	High	Engagement and knowledge transfer from Indigenous cultures	High	Local systems can provide more convenient options	High	High opportunity to connect people and cultures through peer-to-peer learning and social connection	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 expected	Med	Formalization of best, sustainable practices and systems	High	Facilitates collaboration with Indigenous communities and sustainability organizations to co-develop culturally relevant programs	High	Facilitates building new external partnerships	High	Significant progress towards resiliency with increased focus on local and sustainable practices and systems
1.1 Build on and foster an inclusive and collaborative circular economy	2023	Continues working with textile waste reduction organizations to develop tools for the fashion industry to design low waste, circular clothing	Med	No change in cost from this initiative since it is a "turnkey" effort and they won't increase or decrease costs for industry in the near future	High	Development of tools could increase/create jobs	Med	Developing tools for industry is innovative	High	Tools can focus on top levels of hierarchy	High	Focuses on textiles which is a higher tonnage item	Med	Would target plastics and can help to reduce anthropogenic emissions	High	Has significant potential to reduce water use with certain tools	Med	No change to barriers or access	High	Makes it easier for textile industry to participate and improve waste management	High	Enhances community building and peer-to-peer learning	High	Changes behaviours of textile industry	High	Easy to continue relationships and expand in next 5 years	High	Works to hold accountable textile industry	High	Increases transparency of materials from textile industry	High	Increases consistency across textiles industry	High	Builds and maintains partnerships with external organizations and industry	Med	
1.1 Build on and foster an inclusive and collaborative circular economy	2029	Lead a working group to support member jurisdictions on the development and implementation of circular procurement policies and practices	High	Circular procurement policies and practices have the potential to reduce costs, especially if done collaboratively. Therefore, increasing affordability eventually	High	Potential to increase jobs through circular procurement policies and practices	High	New idea to the region that would support circular economy business models	High	Promoting procurement to low sustainable good suppliers (ethic/human/issue)	High	Has the potential to focus on high tonnage materials such as organics and plastics	Med	Early to reduce some anthropogenic emissions, but not significant GHG emission reduction	Med	Within regulatory limits	Med	No changes on inclusivity and reducing barriers	High	This will make it easier for MVT and organizations to find circular solutions	High	Enhances community building and peer-to-peer learning	High	Supports behaviour change through more sustainable buying power	High	Would take some organizing and collaboration but a working group should be able to be established within five years	High	Through a working group and establishing relationships, accountability is likely to increase	Med	No changes expected	High	A working group should increase harmonization across the region and organizations through collaborative relationships	High	Facilitates collaboration among member jurisdictions and stakeholders	High	Circular procurement has the potential to increase resiliency for the community
1.1 Build on and foster an inclusive and collaborative circular economy	2030	Develop, test and share low carbon circular built environment procurement approaches, tools and templates	High	Circular procurement policies and practices have the potential to reduce costs, especially if done collaboratively. Therefore, increasing affordability eventually	High	Potential to increase jobs through circular procurement policies and practices	High	New idea for the region that would support circular economy business models	High	Promoting procurement to low carbon built environment is ethical/human/issue	High	Targets high tonnage materials but has potential to reduce large percentage of GHG waste	Med	Early to reduce some anthropogenic emissions, but not significant GHG emission reduction	Med	Within regulatory limits	Med	No changes on inclusivity and reducing barriers	High	This will make it easier for MVT and organizations to find circular solutions	High	This can help stimulate conversations and bring the community together and develop social connection	High	This would help shift behaviour of actors in the industry by having these conversations together	High	Would take some organizing and collaboration but a working group should be able to be established within five years	High	Through a working group and establishing relationships, accountability is likely to increase	Med	No changes expected	High	A working group should increase harmonization across the region and organizations through collaborative relationships	High	Facilitates collaboration across jurisdictions and industry to identify and share procurement tools	High	Circular procurement has the potential to increase resiliency for the community
1.1 Build on and foster an inclusive and collaborative circular economy	2022	Collaborate with governments, industry, and technology partners to develop digital tools that map how buildings are constructed and what materials they contain, enabling better tracking and forecasting of used building materials for reuse	Med	Requires investment in digital infrastructure, data collection, and training. Costs could be significant initially but offset over time through efficiencies in deconstruction, reuse, and recycling	High	Development of tools could increase/create jobs	High	A cutting-edge approach (digital infrastructure, data collection, and BIM integration) that can transform the construction and demolition sector, reducing systemic waste opportunities	High	Focuses on reuse of building materials	High	Targets high tonnage materials (wood waste)	Med	Reduces anthropogenic emissions	High	Promotes conservation of natural resources and prevents environmental degradation associated with material production and disposal	Med	No change to barriers or access	High	This can make it more convenient for the C&D sector to participate in reuse and salvage	High	No major impact on community participation	Med	No direct impact on behaviour change	Med	This would require significant time and resources to implement and could be implemented in 1-10 years	High	No the opportunity for increased accountability due to tracking materials	High	This would increase knowledge of material flow	High	Shared digital standards and platforms would align practices across the region and beyond	High	Builds multi-sector partnerships for digital innovation and circularity	High	Material mapping strengthens resilience by securing secondary material supply chains and reducing reliance on virgin imports
1.1 Build on and foster an inclusive and collaborative circular economy	2026	Collaborate with regional economic development agencies and others on education for business on the benefits of circular business models, invite industry to plan their ideas on how to accelerate adoption of circular business models and update existing circular economy	Med	No changes to affordability, unsure of results from this action	High	Waste prevention approaches and circular solutions generally increase jobs and/or GDP, especially when regulatory approaches force multiple sectors to change	High	This could significantly support the transition to a circular business model and the transition to reusable systems by supporting these businesses through procurement	High	Focuses producers to rethink/Reduce/Reuse and recycle better	Med	Assuming a focus on higher tonnage items such as organics and plastics	Med	Has potential to reduce anthropogenic emissions, circular economy reduces GHG	High	Has potential to reduce use of harmful substances and decrease water use, dependent on initiative	Med	No changes on inclusivity and reducing barriers	Med	No significant changes to convenience	High	Brings businesses and industry together	High	Could shift behaviour to more circular actions for businesses	High	Ability to start collaborating in next 0-5 years	Med	No changes to accountability	Med	No changes to transparency	Med	No requirements associated with action or no change to consistency	High	Builds partnerships with agencies and industry stakeholders	High	Projects that advance CE help to increase resiliency
1.1 Build on and foster an inclusive and collaborative circular economy	2028	Continue to learn from circular economy and waste prevention experts	Med	No change in cost from this initiative since continuing to build on already developed partnerships	Med	No change to jobs	Med	Incremental progress through implementation of existing best practices	High	Considers barriers from other municipalities at all levels of the hierarchy	High	Potential to target high tonnage materials such as organics through lessons learned	High	Potential to target organics through lessons learned	Med	Within regulatory limits	Med	No change to barriers or access	Med	Peer-to-peer learning	High	Peer-to-peer learning	Med	No change to behaviour expected	High	Easy to continue	Med	No change	Med	No changes expected	Med	No changes to consistency/harmonization	High	Supports ongoing collaboration and knowledge exchange	Med	Incremental improvement
1.1 Build on and foster an inclusive and collaborative circular economy	2027	Investigate how to maximize low-barrier implementation opportunities for waste prevention projects that support a circular economy	Med	Requires investment in workforce development, partnerships with employment agencies, and potentially subsidies or training programs. Costs are moderate but can deliver long-term social and economic returns	High	Strong potential to create jobs in reuse, repair, recycling, logistics, and manufacturing – sectors that often rely on low-skilled labour	High	Socially innovative in rethinking how circular economy jobs can also meet workforce equity and accessibility goals	Med	Would focus on all levels of the hierarchy	Med	Supported by e-waste, textiles, electronics, C&D	Med	Indirect – emissions avoided through repaired reuse and recycling activities	Med	Within regulatory limits	High	Strong equity impact: low-barrier jobs create opportunities for underemployed populations, including youth, women, and people with barriers to traditional employment	Med	Not resident facing, but increased availability of reuse/repair services may improve convenience indirectly	High	Can strengthen community-based organizations (e.g., non-profits running repair cafes, libraries, or textile programs) by providing them with a more stable workforce	Med	Could increase access to reuse/repair services, helps lock-in shift behaviours toward waste prevention	Med	Requires collaboration with employment agencies, libraries of commerce, and non-profits. Implementation timeline 1-5 years, but investigations and pilot programs could begin sooner	Med	No changes to accountability	Med	No changes to transparency	Med	No requirements associated with this action or no change to consistency	Med	May involve internal consultation or consultation, but not necessarily new external partnerships	High	Builds workforce resilience by creating transferable employment tied to circular economy practices, but not necessarily new external partnerships
1.1 Build on and foster an inclusive and collaborative circular economy	2029	Continue and build on existing industry collaborations such as national scale organizations to reduce plastics and other priority legacy streams	Med	No change in cost from this initiative since building on existing collaborations	Med	No change to jobs	Med	Incremental progress through increased innovation	High	Assumption that the focus is on reuse	High	Assumption that these would focus on higher tonnage materials such as plastic	Med	Has potential to reduce anthropogenic emissions	Med	Within regulatory limits	Med	No change to barriers or access	Med	No change	High	Peer-to-peer learning	High	No changes to behaviour expected	High	Easy to continue	Med	No change	Med	No changes expected	Med	No changes to consistency/harmonization	High	Builds on and expands existing partnerships	Med	Incremental progress as measuring and reporting doesn't significantly increase resiliency for the future population
1.1 Build on and foster an inclusive and collaborative circular economy	2033	Continue to facilitate sharing with member municipalities through regularly scheduled advisory committee meetings. Through these committees, host workshops and learning sessions with member jurisdiction staff on priority topics	Med	No change in cost from this initiative since building on existing collaborations	Med	No change to jobs	Low	Already occurring (status quo)	High	Opportunity to focus on higher levels of the hierarchy	High	Assumption that these would focus on higher tonnage materials such as plastic and organics	Med	Has potential to reduce anthropogenic emissions	Med	Within regulatory limits	Med	No change to barriers or access	Med	No change	High	Peer-to-peer learning	Med	No changes to behaviour expected	High	Should be relatively easy to implement and low to develop tracking relationships and peer-to-peer learning	Med	No change	Med	No changes expected	Med	No changes to consistency/harmonization	High	Builds on and expands existing partnerships	Med	Incremental progress as measuring and reporting doesn't significantly increase resiliency for the future population
1.4 Collect and enhance data to track progress toward a circular economy	2033	Research and pilot ways to quantify the impact on job creation	Med	No expected impact to affordability	Med	Not expected to have a significant impact on job creation	High	The collaborative work would significantly improve data and awareness in the region	High	Focused on improving measurement for the highest levels of the hierarchy	High	Does have the potential to reduce organics (food waste)	High	Does have the potential to reduce organics (food waste)	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	High	Opportunity to connect the community through awareness and measurement of these programs	High	High	High	Although research could be implemented, it is expected it will take some time to develop measurement options for prevention in a collaborative way	Med	Increased measurement and tracking will increase transparency, especially around waste prevention	High	Additional measurement options reducing access through a collaborative approach increases transparency of materials and systems in place	High	Collaboration with the other regional targets on goals	Med	Focuses on evaluation and understanding program impacts, but does not clearly build or expand partnerships	High	Increase in measurement and understanding program impacts has the potential to increase community resilience		
1.4 Collect and enhance data to track progress toward a circular economy	2031	Develop methods for estimating and reporting environmental benefits for waste prevention projects, such as reduction of GHG emissions (including embodied carbon), water use, and life-cycle impacts	Med	No impact on affordability	Med	Ability to direct consults to increased jobs or GDP	High	Could be significant for the region when it comes to reporting and tracking progress towards goals. Paints a more holistic picture	High	Focused on measurement/reporting for waste prevention actions	High	Not necessarily targeting specific materials or emissions, more focused on measurement/reporting	Med	Not necessarily targeting specific materials or emissions, more focused on measurement/reporting	Med	Considers environmental benefits beyond waste prevention and GHG emissions	Med	No changes to systemic barriers	Med	Little change to community participation	Med	Med	Med	Could ultimately lead to waste prevention habits and actions based on the data reported (tracking progress)	Med	Would likely take significant time and resources to develop tracking and reporting programs for waste prevention	High	Increased measurement and tracking will increase transparency, especially around waste prevention	High	More measurement and tracking will increase transparency, especially around waste prevention	High	Data can be used to develop regional targets on goals	Med	May involve consultation, but does not clearly build or expand partnerships	High	Understanding data and increased tracking could increase knowledge and awareness of waste prevention programming on a community level
1.4 Collect and enhance data to track progress toward a circular economy	2032	Continue to develop and improve region-wide key performance indicators to track progress on circular economy through rethinking and reducing waste	Med	No expected change from KPIs	Med	No expected job creation from development of KPIs	Med	Focus would be on continuing to develop and improve regional KPIs with regards to circularity. Therefore, not new and would likely only contribute incrementally towards goals	High	KPIs focused on circularity would mostly consider the higher levels of the hierarchy	High	Has potential to focus on organics/food waste and associated programs but not likely to reduce a large percentage of the waste stream	Med	Has potential to focus on organics/food waste and associated programs but not likely to reduce a large percentage of the waste stream	Med	Development of KPIs is not likely to have significant environmental benefits beyond waste prevention and GHG emissions	Med	No expected changes - not removing systemic barriers	Med	No expected changes to convenience for the general population	Med	Collaboration between municipalities would be required but limited social connection, community building, or peer-to-peer learning opportunities	Med	Initially the development of KPIs would contribute directly to behaviour change in the near future	Med	Would take time to develop regional KPIs and establish consistency across the region	High	Increased measurement and tracking will increase accountability across the region	High	More measurement and tracking will increase transparency	High	If KPIs are developed using a region approach this would encourage harmonization	High	Will likely require collaboration with industry, member jurisdictions, organizations, etc.	Med	Incremental progress as measuring and reporting doesn't significantly increase resiliency for the future population
1.4 Collect and enhance data to track progress toward a circular economy	2027	Work towards reporting by material type on all levels of the waste hierarchy starting with organics, wood, and textiles	Med	No added cost to residents or sectors, may help reduce costs over time	Med	Supports market development indirectly	Med	Improves existing systems, not a new approach	High	Enables better tracking to support higher hierarchy actions	Med	Helps identify priorities but doesn't directly reduce waste	Med	Not necessarily targeting specific materials or emissions, but can support better decision strategies	Med	Environmental benefits are not beyond waste and GHG emission reduction and are within regulatory limits	Med	No expected impact on inclusivity	Low	This could make it less convenient for industry as reporting requirements might increase and require more effort	Med	Little change to community building	High	Can help with shifting behaviour to meet goals of waste reduction and reuse by having greater insight into waste composition	Med	Requires coordination across jurisdictions. Feasible within 5-10 years	Med	Improves ability to track performance by material type, increasing accountability for outcomes, but no direct tracking/regulatory component	High	Makes material flows more visible, supporting public understanding and system oversight	High	Supports harmonized reporting across jurisdictions and actions, reducing confusion and improving comparability	Med	May involve collaboration with data providers and industry groups, but does not directly enhance infrastructure system resilience	Med	Strengthening knowledge of material flow, which supports long-term decision-making, but this is not directly enhance infrastructure system resilience
1.4 Collect and enhance data to track progress toward a circular economy	2025	Explore new technology that could help with data collection	Low	Exploring and implementing new technology typically increases costs, especially in initial phases	Med	Could maintain existing jobs in waste management sector, potential for new tech jobs, but uncertain scale	High	Directly focused on introducing new approaches that could unlock/exacerbate ability to meet goals through better data	Med	Technology exploration itself doesn't directly target high tonnage materials, impact depends on future implementation	Low	Technology exploration doesn't directly target high tonnage materials, impact depends on future implementation	Med	Could potentially reduce process and transport emissions through efficiency, but this is indirect and uncertain	Med	No direct environmental impact from exploration phase; could potentially improve accessibility through better data systems	Med	No direct changes to barriers or access experienced by different groups/people	Med	No immediate convenience changes; future implementations could improve user experience	Med	Technology exploration is primarily technical/administrative and doesn't connect people	Med	Better data collection could enable more effective behavior change programs, but this is indirect	Med	Exploration phase is moderately easy, but actual technology implementation could require significant system changes (5-10 year timeline)	High	Better data collection would demonstrate significantly improve accountability across the waste management system	High	New technology specifically aimed at data collection would demonstrate improve transparency	High	Standardized technology platforms could significantly improve consistency across the region	Med	May involve collaboration with technology vendors and potentially other jurisdictions, but limited community engagement	Med	Better data systems could support more resilient decision-making, but this is not directly enhance infrastructure system resilience
1.4 Collect and enhance data to track progress toward a circular economy	2024	Maintain and strengthen waste composition data to improve actionable insights	Med	No added cost to residents or sectors, but not likely to increase affordability either	Med	May support market development indirectly by increasing the understanding of waste composition and material flow in the region	Med	Enhances existing data systems. This is not a new approach but supports better decision-making and targeted interventions	High	Helps identify opportunities to prioritize higher hierarchy actions such as reuse and reduction	Med	Does not directly reduce waste	Med	May support emissions reduction indirectly by providing better insight into material composition, but not directly reducing emissions and high-impact materials	Med	Improves understanding of environmental impacts based on waste composition, but no direct impact	Med	No changes to impacts on barriers or access experienced by different groups/people	Med	No immediate convenience changes	Med	No changes to community building, social connection and peer-to-peer learning	Med	Potential to support targeted education and outreach that they support behavior change over time	High	Builds on existing systems and feasible within current resources and timelines. Possible within 0-5 years	Med	No changes to accountability	High	Will provide better information about the solid waste management system in the region, supporting public understanding	Med	May involve collaboration with data providers or consultants, but the action itself focuses on internal data management	Med	Impact on ability to manage future threats and resilience in the region		
1.4 Collect and enhance data to track progress toward a circular economy	2026	Look at ways to include diversity, equity and inclusion data in solid waste data	Low	Developing new data collection systems and methodologies typically increases operational costs	Med	Could maintain existing data analysis jobs, potential for specialized consulting work, but limited scale	Med	Incremental improvement in data collection processes, though DEI data integration is increasingly standard practice	Med	Data collection itself operates at process improvement level, could inform more equitable circular economy programs	Low	Does not directly target high tonnage materials, impact on waste reduction depends entirely on subsequent actions	Med	Has direct connection to GHG reduction, very indirect potential through improved program targeting	High	Has direct connection to GHG reduction, very indirect potential through improved program targeting	High	Directly addresses systemic barriers by improving understanding of disparities in service access and outcomes	Med	No immediate convenience changes; better data could lead to more accessible service design	Med	Better understanding of community needs could enable more culturally appropriate behavior change programs	Med	Could improve consistency in equity approaches, but may initially create complexity across municipalities	High	Significantly improves transparency by making equity impacts visible and measurable	High	Demonstrates commitment to transparent reporting on equity outcomes in waste management services	Med	Could improve consistency in equity approaches, but may initially create complexity across municipalities	High	Requires extensive collaboration with diverse community groups and equity-focused organizations	Med	Better understanding of community needs could support more resilient, inclusive service design		