

# ATTACHMENT 1

## **Circular Economy Road Map Governance: Co-Creating City Divisions and Strategic Alignments**

### **Co-Creating City Divisions**

Solid Waste Management Services (Project Co-Sponsor)

Environment & Climate (Project Co-Sponsor)

Accounting Services

City Planning

Corporate Real Estate Management

Economic Development & Culture

Engineering & Construction Services

Housing Secretariat

Indigenous Affairs Office

Parks, Forestry & Recreation

Purchasing & Materials Management Division

Social Development, Finance & Administration

Toronto Building

Toronto Water

Transportation Services

**Table 1 - Overview of Co-Creating City Division Strategic Alignments**

<b>Co-Creating Division</b>	<b>Why the Division was invited to join the Governance Tables</b>
<p>Solid Waste Management Services (Project Co-Sponsor)</p>	<p>Innovative circular economy approaches in the waste sector can enable sustainable consumption choices, waste minimization, and enhanced resource recovery within both the City-operated Integrated Waste Management System and the private waste sector.</p> <p>Key strategic alignments with the Circular Economy Road Map include the City’s Long Term Waste Management Strategy and related initiatives such as the Single-Use and Takeaway Items Reduction Strategy, Renewable Natural Gas investments, and the Circular Food Innovators Fund.</p>
<p>Environment &amp; Climate (Project Co-Sponsor)</p>	<p>Cities like Toronto are well-positioned to play a leading role in climate action and the shift to more sustainable and circular consumption practices.</p> <p>Through the City’s TransformTO Net Zero Strategy, the Circular Economy Road Map will support ongoing efforts to account for the City’s impact on material and land resources as well as support resident-led climate action and engagement.</p>
<p>Accounting Services</p>	<p>The circular economy transition will require governments and other economic actors to evaluate and quantify climate-related risks, including long-term risks associated with traditional linear economic systems.</p> <p>The Circular Economy Road Map aligns with ongoing City efforts to comply with Task Force on Climate-related Financial Disclosures (TCFD) recommendations for reporting on climate-related risks and opportunities. The project will also consider current global efforts to transform existing financial tools, value chains, and risk assessment metrics to account for new circular business models.</p>
<p>City Planning</p>	<p>Land use planning policy, regulations, and tools provide support to circular economy outcomes in the built</p>

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	<p>environment through efficient land use patterns, citing of waste disposal facilities, and environmental impact studies that help ensure the protection of ecological systems, energy and water conservation, waste and materials management and GHG emissions reductions.</p> <p>Key strategic alignments with the Circular Economy Road Map include Toronto Green Standard performance requirements for new construction and Official Plan policies. TGS includes requirements that reinforce the Provincial regulations for construction waste source separation, sourcing of sustainable building materials, materials reuse and construction waste diversion. Official Plan Amendment 583 (approved by Council June 15, 2022) includes updates related to reducing waste and achieving Council’s aspirational goal of zero waste and a circular economy.</p> <p>The project will consider strategic alignments with Official Plan policies, zoning by-laws, development agreements, and heritage conservation/adaptive reuse policies.</p>
Corporate Real Estate Management	<p>Innovative circular economy strategies in design, procurement, and tenancy agreements within the real estate portfolio can enable more sustainable consumption, waste reduction, and waste diversion from City facilities and properties.</p> <p>The Circular Economy Road Map will consider ongoing City work to divert waste in City-owned facilities identified in Toronto’s TransformTO NetZero Strategy and efforts to reduce or eliminate single-use plastic products from City facilities.</p>
Economic Development & Culture	<p>Best practice implementation strategies for the circular economy include investments in small and medium-sized enterprises, social enterprises, innovation hubs, and business incubators to multiply local economic development benefits and attract and support businesses with circular economy practices.</p>

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	<p>The Circular Economy Road Map aligns with the City's economic sector development objectives, including opportunities in Toronto's Green, Financial Services, Technology, Film and Television, and Food and Beverage sectors.</p>
<p>Engineering &amp; Construction Services</p>	<p>Circular economy principles can be applied to the City's engineering and construction practices to help reduce waste, support sustainable resource consumption, and improve material recovery in construction and capital projects.</p> <p>Key strategic alignments with the Circular Economy Road Map include the City's current work to enable the reuse of excess soils in accordance with provincial regulations and the use of recycled concrete aggregates.</p>
<p>Housing Secretariat</p>	<p>Circular economy approaches include strategies such as the use of mass timber as a substitute for carbon-intensive materials like steel and concrete, and designing for disassembly to recapture the value of resources and building components at the end of their lives.</p> <p>The Circular Economy Road map will consider opportunities emerging from Toronto's HousingTO Action Plan which includes a commitment to create new homes using modular construction while supporting Net Zero climate goals, and the Mass Timber Affordable Housing Pilot Program, which will utilize low-carbon construction methods to deliver affordable rental housing.</p>
<p>Indigenous Affairs Office</p>	<p>The City's circular economy transition presents an opportunity to design an inclusive policy development process that enables meaningful engagement with urban Indigenous communities, businesses, and organizations to co-create equitable solutions that recognize lived experiences and acknowledges the impact of colonization.</p> <p>The Circular Economy Road Map will consider opportunities to reflect Indigenous practices, traditional knowledges, and worldviews involving societies existing</p>

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	in regenerative and interdependent relationships with nature. The project also aligns with Toronto's Reconciliation Action Plan.
Parks, Forestry & Recreation	<p>Applying circular approaches to the operational methods, capital delivery, and management of City assets including parks, ravines, and open spaces can help support biodiversity conservation efforts, reduce waste, and contribute to social equity outcomes.</p> <p>Key strategic alignments with the Circular Economy Road Map include Toronto's Ravine Strategy, Pollinator Protection Strategy, Biodiversity Strategy, and other City initiatives and capital delivery projects working toward supporting nature.</p>
Purchasing & Materials Management Division	<p>Procurement is a key policy lever for transitioning to a circular economy and achieving environmental, social, and financial benefit through City spending.</p> <p>Key strategic alignments with the Circular Economy Road Map include the City's Circular Procurement Implementation Plan and Framework and the upcoming development of sustainable and Indigenous procurement strategies.</p>
Social Development, Finance & Administration	<p>Applying a circular economy lens to food policy and urban agriculture can contribute to a range of social benefits including the provision of healthy and culturally appropriate food for all. It also can help to mitigate the impacts of Toronto's food system on the environment.</p> <p>Key strategic alignments with the Circular Economy Road Map include the City's commitments related to food systems and corresponding efforts to build a circular economy for food, including Updating Toronto's Food Charter, Neighbourhood Resilience Hubs, and the Black Food Sovereignty Plan.</p>
Toronto Building	The regulatory and permitting framework for construction and demolition in Toronto can help to reduce waste,

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	<p>support sustainable resource consumption, and enhance material recovery in the delivery of construction and infrastructure projects.</p> <p>The Circular Economy Road Map will consider opportunities for waste avoidance and diversion in existing City permitting processes in construction, demolition, and renovation.</p>
Toronto Water	<p>Circular approaches to procurement and asset management can support the City in maximizing the useful life of its existing assets and enabling sustainable consumption, waste reduction, and resource recovery in order to deliver an environmentally and fiscally sustainable utility.</p> <p>The Circular Economy Road Map will consider opportunities in City infrastructure asset management, including use and conservation of energy and water in City infrastructure and the delivery of major construction projects for wastewater treatment and stormwater management.</p>
Transportation Services	<p>Circular planning policies and standards can support the management of physical assets and capital projects such as transportation right-of-way infrastructure, sidewalks, and other public spaces within the public realm.</p> <p>Key strategic alignments with the Circular Economy Road Map include the Toronto Green Standard Version 4 (May 2022) for enhancing stormwater management and nature-based green infrastructure solutions in the built urban environment, and the application of circular principles to the design and end-of-life management of temporary public realm structures such as in the King Street corridor, CafeTO, and ActiveTO.</p>