

# Circular Economy Working Group

Meeting 7 | Monday, December 14, 2020 | 1:00pm | WebEx

**Meeting Number: 177 735 6216**  
**Meeting Password: tK4bNvqPD29**

To join by computer

1. Go to  
<https://toronto.webex.com/toronto/j.php?MTID=mb6ae0ad80ec29b75f06499d2106567cf>
2. If requested, enter your name and email address.
3. If a password is required, enter the meeting password: tK4bNvqPD29
4. Click "Join".
5. Follow the instructions that appear on your screen.

**TECH MONITOR:**  
[carol.tsang@Toronto.ca](mailto:carol.tsang@Toronto.ca)  
**416.392.8361**

To join by phone

To receive a call back, provide your phone number when you join the meeting, or call the number below and enter the access code.

Canada Toll: +1-416-915-6530

Canada Toll (Toronto): +1-647-484-1598

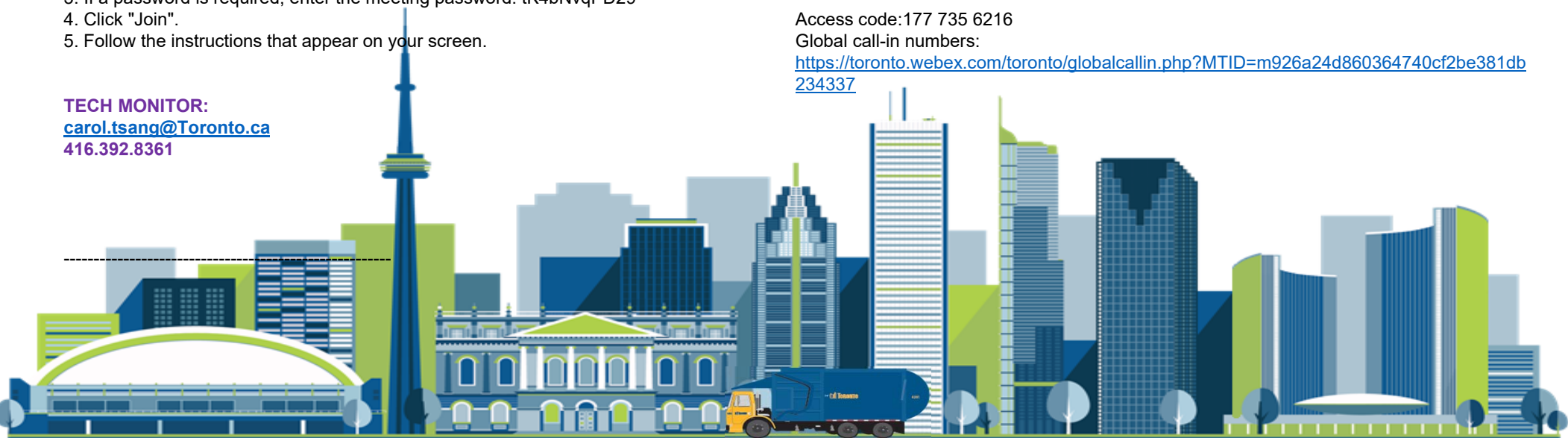
Having trouble dialing in? Try these backup numbers:

Canada Toll: +1-416-915-6530

Access code: 177 735 6216

Global call-in numbers:

<https://toronto.webex.com/toronto/globalcallin.php?MTID=m926a24d860364740cf2be381db234337>



# Indigenous Land Acknowledgement

We acknowledge the land we are meeting on is the traditional territory of many nations including the Mississauga's of the Credit, the Anishnabeg, the Chippewa, the Haudenosaunee and the Wendat peoples and is now home to many diverse First Nations, Inuit and Métis peoples. We also acknowledge that Toronto is covered by Treaty 13 with the Mississauga's of the Credit.

## WebEx Privacy & Record Keeping

**This meeting is being recorded and a link can be shared with members upon request who are unable to attend the meeting.**

- ALL questions and comments asked verbally AND in the chat (sent to the full group, or privately) are included in the record.
- We will do our best to record attendance based on the meeting registration and participant list. CEWG members are asked to review the meeting minutes once they are sent to ensure your participation has been accurately recorded.
- Recording will start now.

# Online Code of Conduct

## Members & Staff

- ✓ Reduce multi-tasking and focus on the active meeting
- ✓ Close all other files, programs and computer windows
- ✓ Be patient with technology changes, glitches and challenges

## Observers

Observers are welcome to listen to City meetings.

- ✓ Keep microphones muted
- ✓ Video off
- ✓ NO participation in chat, polling, or breakout discussions
- ✓ Materials not circulated.

# Agenda

Time	Activity
1:00	<b>Welcome:</b> Meeting Overview, Land Acknowledgement
1:10	<b>Review:</b> Member-to-Member Networking Event, Terms of Reference, Recap of 2019 and 2020, 2021 Meeting Overview, Social Pinpoint Demonstration <i>Presenter: Robyn Shyllit, Senior Coordinator, Public Consultation Unit</i>
1:25	<b>City of Toronto Update:</b> Baselining for a Circular Toronto, World Circular Economy Forum <i>Presenter: Meaghan Davis, Manager, Circular Economy Innovation Unit</i>
2:05	<b>Wrap Up:</b> Next Steps, Member Updates
2:30	<b>Meeting Adjourns</b>

## Meeting 6 Objectives

Provide an update on:

- Member-to-Member Networking Event
- Baseline for a Circular Toronto
- World Circular Economy Forum

Convene interactive virtual meeting and continue to develop CEWG WebEx meeting capacity

Continue Year 2 CEWG meeting schedule with modified meeting structure as a result of COVID-19

## Meeting 6 – Action Items

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- There were no action items for follow up from the Meeting 6 minutes
- No comments received from Members for follow up
- Please check attendance record

## Member-to-Member Networking Event

- Took place November 13, 2020 for 1 hour
  - 14 member participants
  - Six topics for approximately seven minutes each
  - Member facilitator and timekeeper
  - City staff hosted WebEx event and helped with technology
- 
- We heard positive feedback
  - We will schedule another event for end of January/beginning of February



# Year 1 Recap: Convene & Explore

## Meeting 1 Setting the Foundation

- Convened group!
- CEWG objectives
- CE & LTWMS 101
- Case Study Review

## Meeting 2 City Decision Making & Sector Engagement

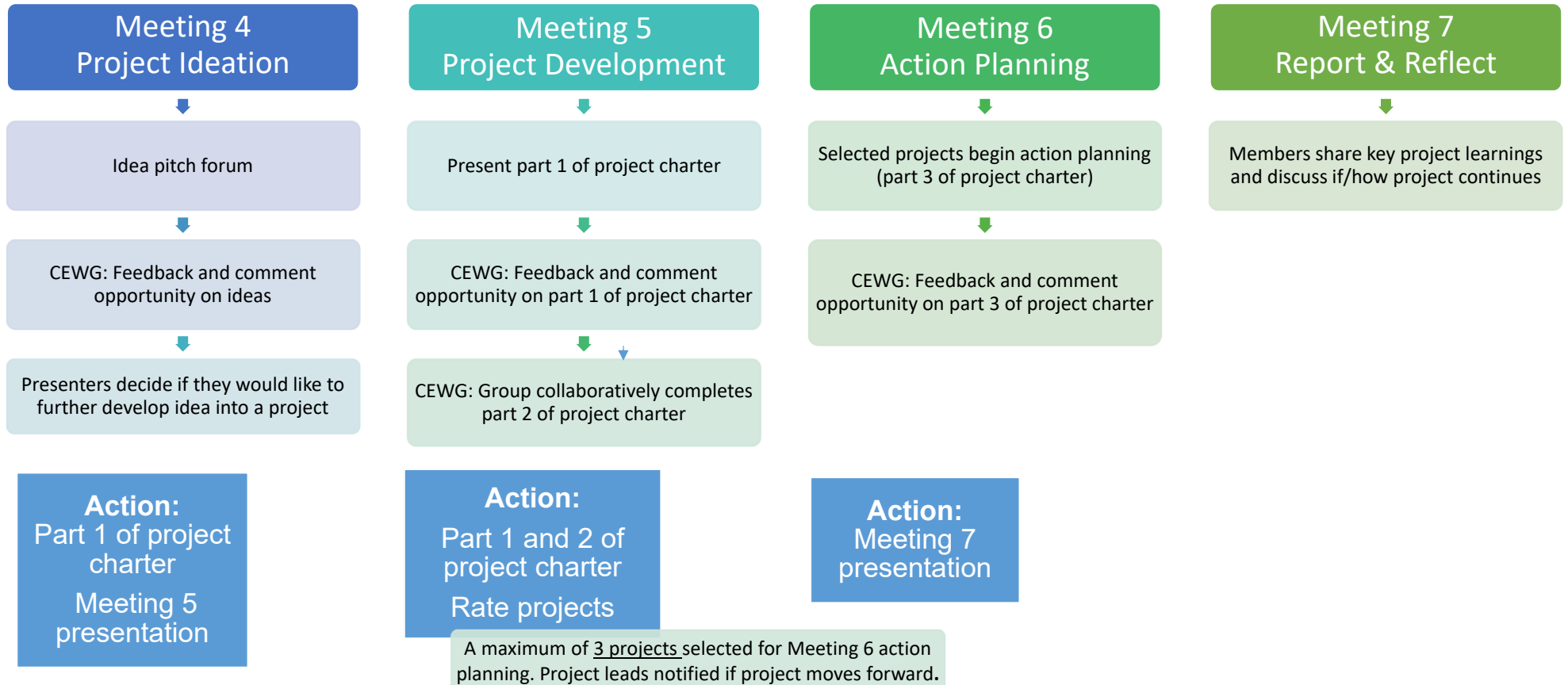
- Meeting 1 reflection
- City Structure and Decision Making
- CE across City Divisions
- CE Sector Engagement Strategies

## Meeting 3 CE & Resilience

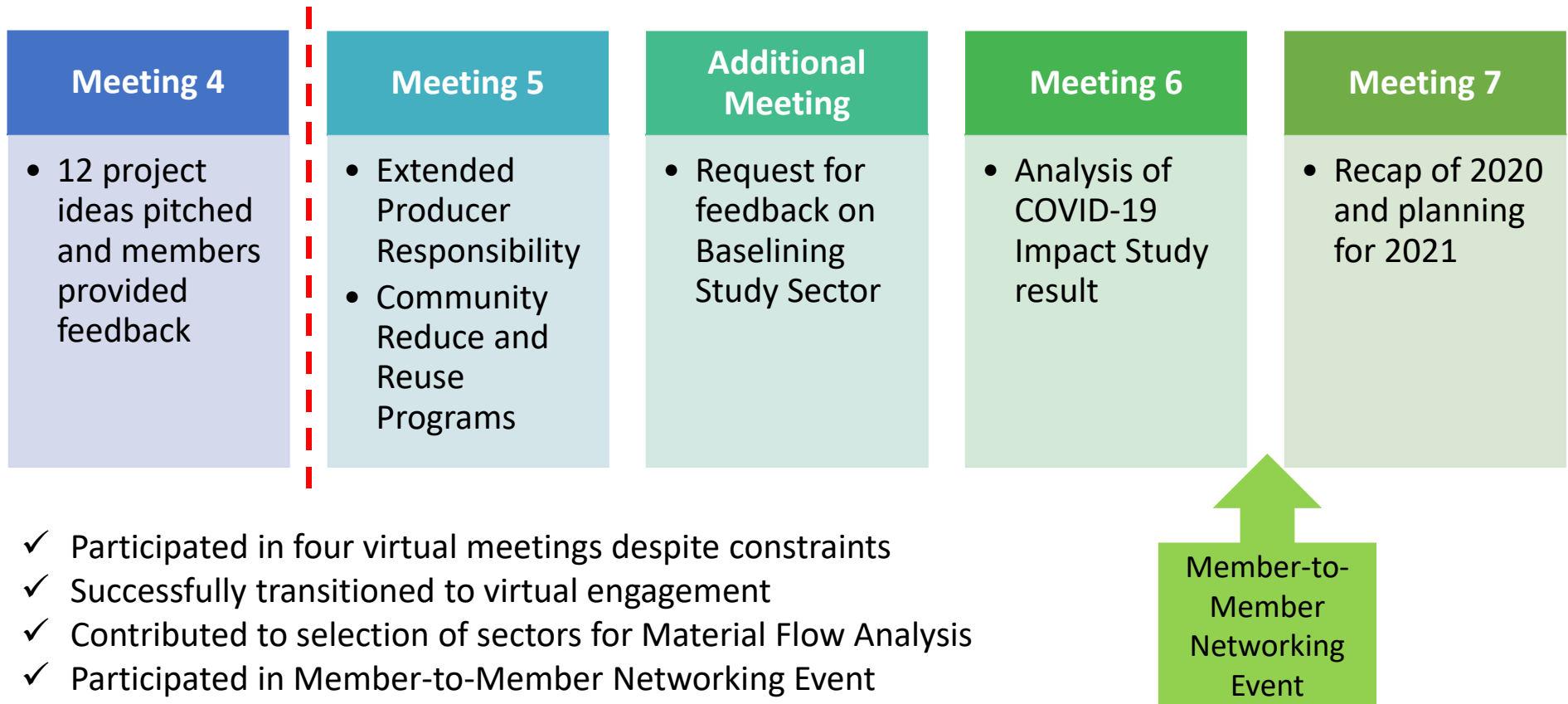
- Meeting 2 reflection
- Terms of Reference Update
- Circular City & Resilient City Alignment

1. Circular economy is a silo busting opportunity; CEWG has helped to foster **inter-sectional collaboration** and highlighted the value of diverse insights. However, the breadth of scope has also highlighted the challenge of identifying specific, outcome-oriented decisions and actions.
2. Member feedback helped CEI better understand the **value shift** necessary to fully embark on a circular transition, including the need to focus on metrics and outcomes that aren't limited to economic/financial growth, and decoupling growth (and wellbeing) from consumption
3. Member feedback helped CEI better understand that **the circular economy is fundamentally tied to resilience** (e.g., making the most efficient use of what you have) and that focusing on the local economy makes a city more resilient (access to service, right to grow food, localizing economies, etc.)

## Year 2 **INTENDED** Meeting Activities: Idea Pitch



## Year 2 **ACTUAL** Meeting Activities: Comment and Analyze



## 2021 Meeting Overview

Schedule	Meeting	Details
Feb 24, 2021	<b>#8 CEWG Structure 2022+</b>	Generate ideas on future structure of CEWG, 2 hour meeting
Late spring	<b>#9 Baseline for a Circular Toronto Study</b>	Share findings and discuss next steps towards a CE Roadmap, 1-2 meetings
Fall 2021	<b>#10 Wrap Up Meeting</b>	
TBD	<b>Member-to-Member Networking Event</b>	Open unstructured, held in between meetings 8, 9 and 10

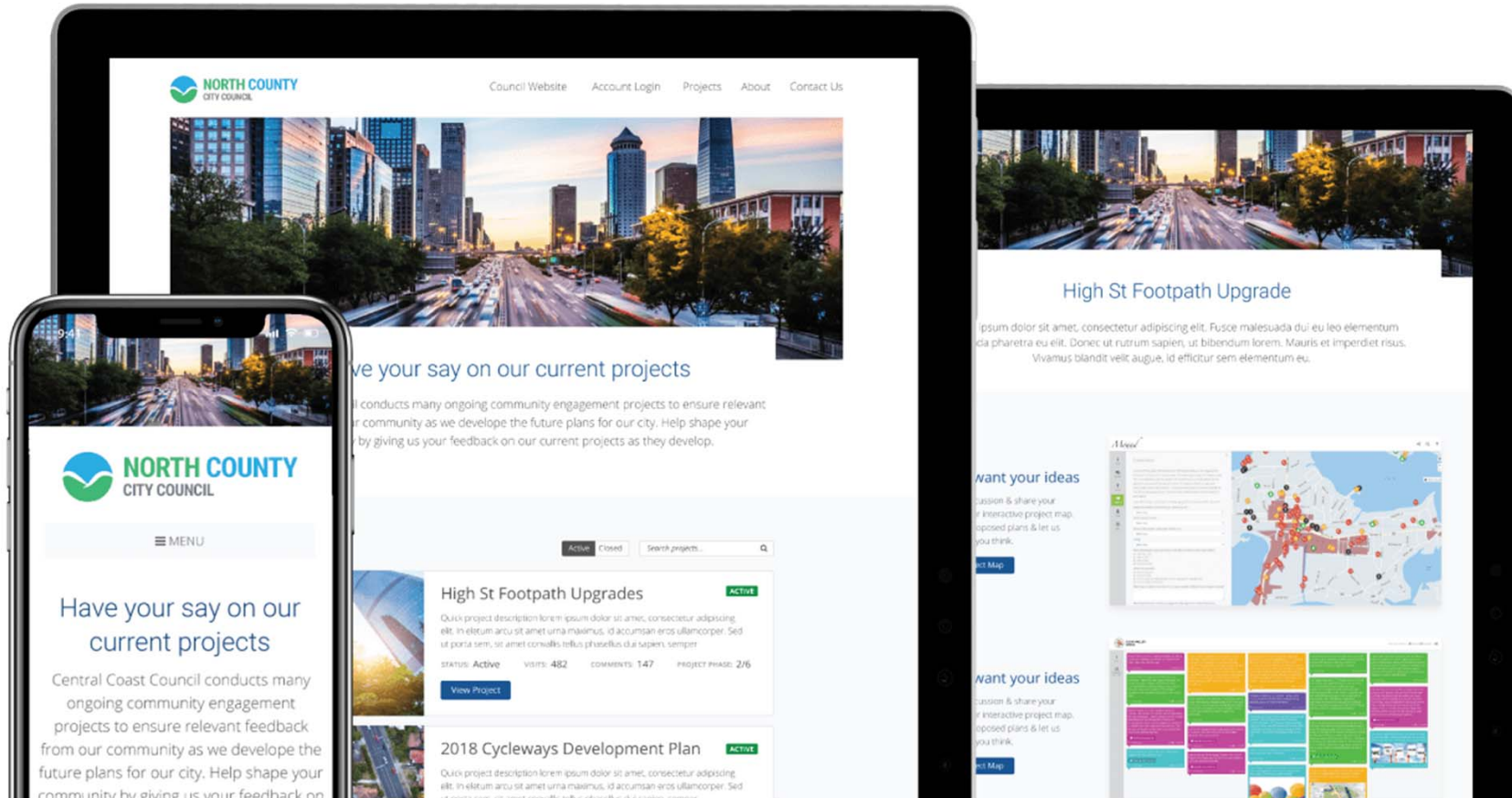
## Terms of Reference, 2022 and beyond

- CEWG current term is 2019 -2021, planning for 2022+ will begin next year
- Interested in member feedback re:
  - Overall organization of the group
  - Membership and balance of participation
  - Meeting frequency/structure
  - Participation expectations and requirements for members
- We will have a dedicated meeting in 2021 to discuss

## Social Pinpoint Demonstration

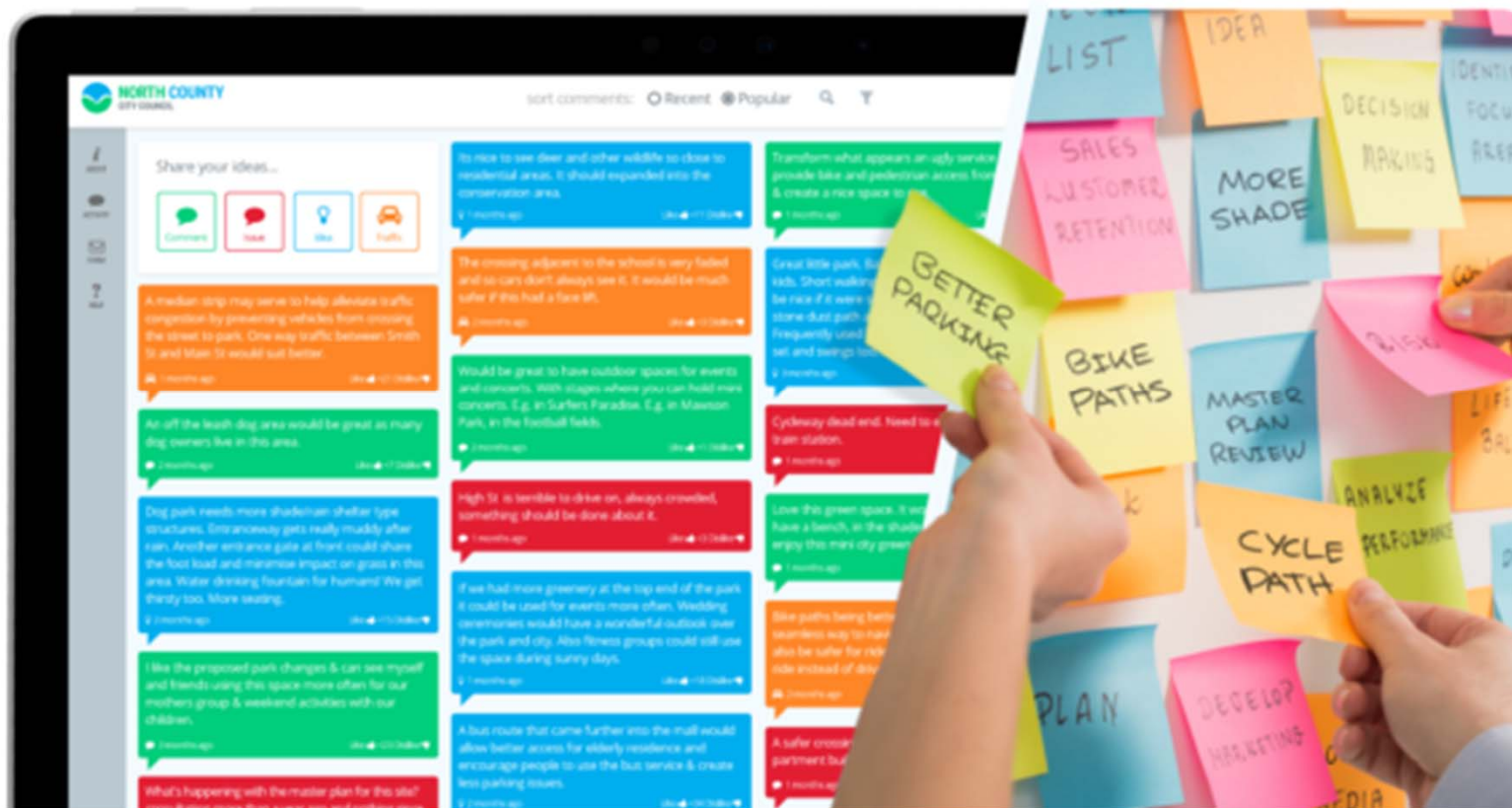


# Social Pinpoint





# Social Pinpoint – Idea Wall





## Member Updates and Announcements – Kelly Drennan

### Kelly Drennan – Fashion Takes Action

- Conducting textile recycling feasibility study to look at three types of textile recycling processes – mechanical, chemical and hydrothermal; includes scoping of pre-consumer textile waste via a survey to Canadian mills, manufacturers and brands to determine the volume and composition of textile waste.
- Post-consumer waste audits with 9 Ontario municipalities data will be available soon.
- TBC - 2021 textile recycling pilot project with Canadian Tire.
- Digitization of REwear challenge for students grades 4-12 across Ontario.

[https://give.charityvillage.com/support.FTA?ref=ab\\_59iaZa\\_ab\\_7QBqkcDsdVt7QBqkcDsdVt](https://give.charityvillage.com/support.FTA?ref=ab_59iaZa_ab_7QBqkcDsdVt7QBqkcDsdVt)

# Member Updates and Announcements – Hazel Sutton

## Hazel Sutton – BOMA Canada

- BOMA Canada will be launching two guides/briefs in early February:
- Guide to Circular Building Operations
- Guide to Circular Procurement for Building Operators
- We will also likely be hosting a three day workshop with Circular Innovation Council (formerly RCO) on how to implement circular procurement policies in building management.

## Member Updates and Announcements – Helen Melbourne

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### **Helen Melbourne – Creative Reuse Toronto**

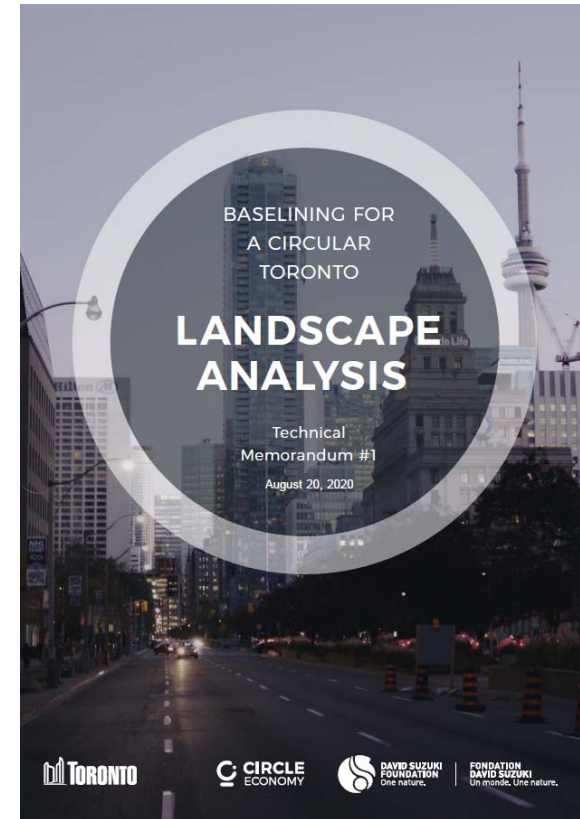
Creative Reuse Toronto was recently named as one of the Top 100 projects in Canada for Build Back Better by the Future of Good. We are feeling very honoured by this recognition.

## Baselining for a Circular Toronto Study



## Recap: What is this project and why does it matter?

- One of the first circular city scans to be launched in Canada
- Led by the David Suzuki Foundation and Circle Economy
- Will assess the **current state** of circularity in Toronto
- Will identify **three key sectors** for future circular economy interventions
- Will provide the foundation for multiple initiatives, including:
  - Circular Economy Roadmap for the City of Toronto
  - Implementation of the City's Circular Procurement Framework
- Enabling SWMS to apply the **Results Based Accountability** framework in technical study and program development



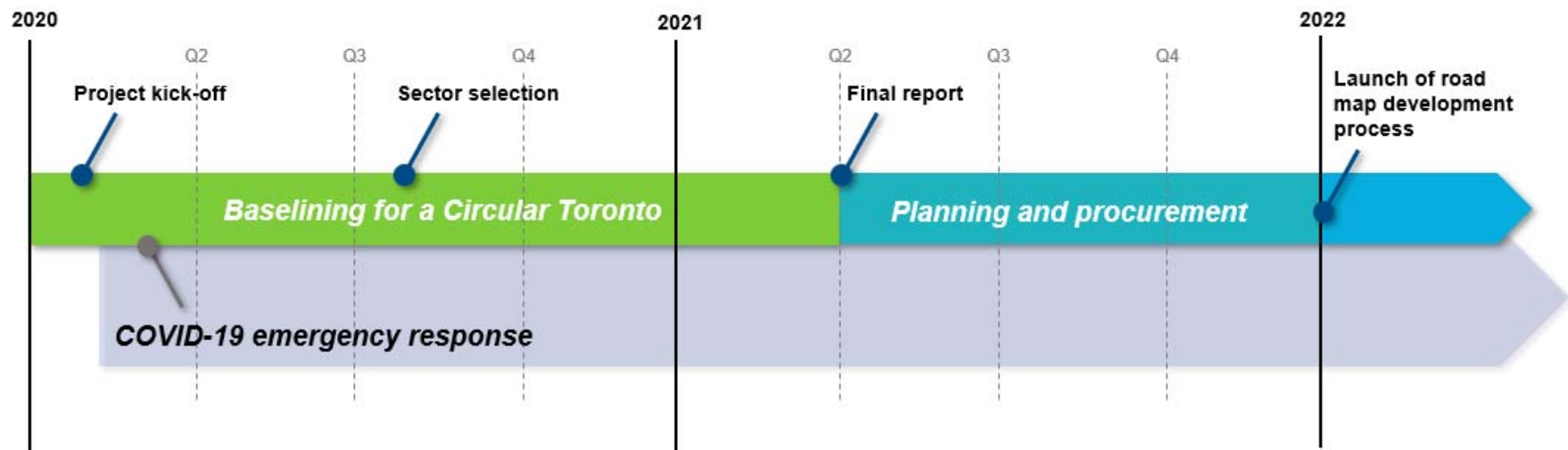
## Recap: What is this project and why does it matter? Cont'd

- The scope of this project is **secondary research**, not primary research. The study gathers multiple data points and applies a modelling methodology to generate system-level estimates of material consumption and waste flows
- This study is **directional** in nature. It is not intended to provide technical guidance, specific policy recommendations, or an implementation plan for the City of Toronto
- The baseline will be comprised of the following:
  - **Current state analysis**
  - **Material flow analysis** of resource consumption in three key economic sectors
  - **Business as usual projections** for resource consumption / waste generation in these sectors
  - **Key considerations** and high-level directions for the City of Toronto

## Context 1: How our Baseline Workplan has Evolved in 2020

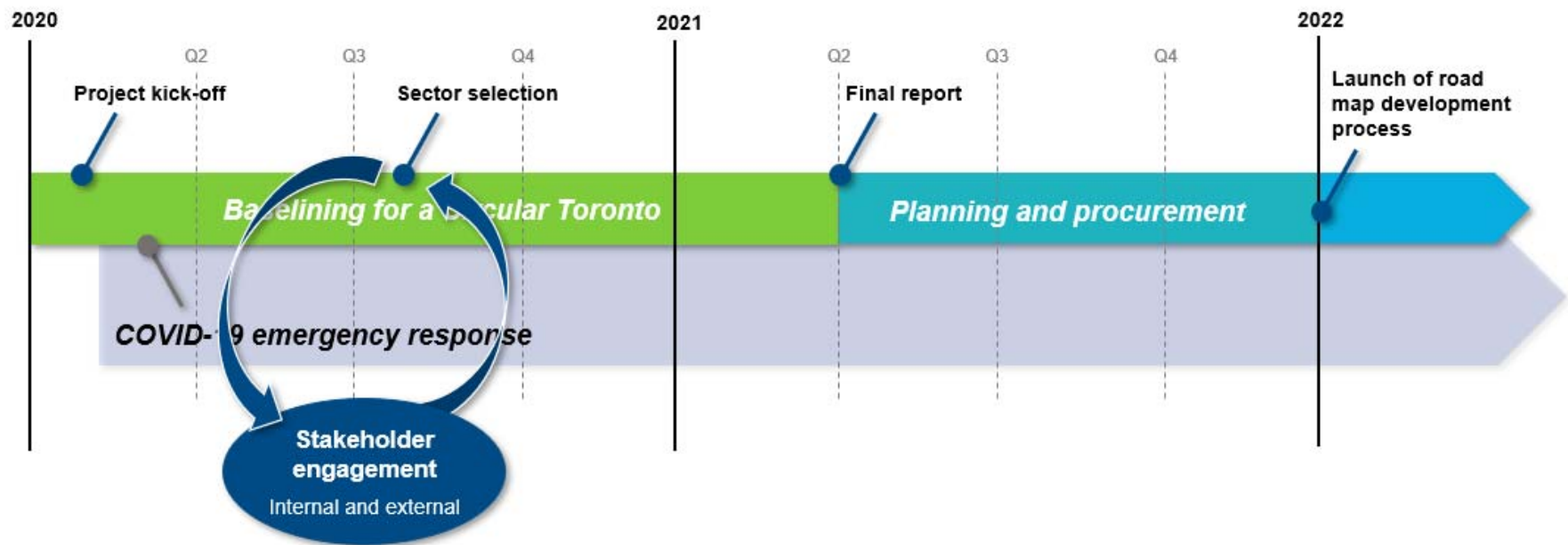


## Context 2: How our Baseline Workplan has Evolved in 2020

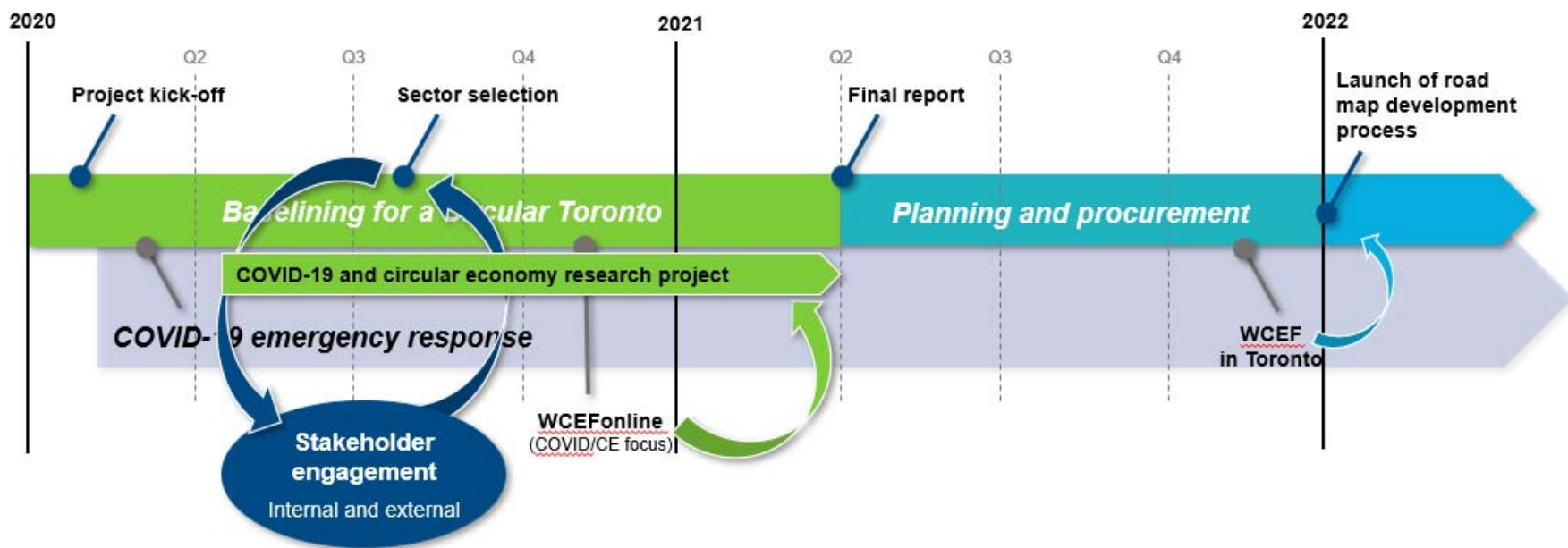




## Context 3: How our Baseline Workplan has Evolved in 2020



## Context 4: How our Baselineing Workplan has Evolved in 2020



## CEWG Member Input into Baseline Study

What we heard from members	How we will use member feedback
Consider equity	Poverty and other social challenges will be examined as the researchers look at developing solutions. The longer-term vision of a thriving Toronto depends on interconnected strategies that ensure Toronto delivers just, equitable and environmentally sustainable social benefits for today and future generations
Engage artists	Solid Waste Management Services recognizes the transformative nature of art and its unique ability to inform behavior
Provide studies or specific digital tools which reconcile surplus supply and demand of materials	<a href="https://excessmaterialsexchange.com">https://excessmaterialsexchange.com</a> ; <a href="https://toogoodtogo.com/en-us">https://toogoodtogo.com/en-us</a> ; <a href="https://www.leanpath.com">https://www.leanpath.com</a> ; <a href="https://www.peerby.com">https://www.peerby.com</a> <a href="https://ontario.materialsmarketplace.org/">https://ontario.materialsmarketplace.org/</a>
Implement bylaws on disposal and reuse, create localized incentives, tax credits, etc.	SWMS will consider all forms of solutions. Opportunities and considerations will be proposed in the final report on this project, and formal strategy development will occur as part of the upcoming Circular Economy Roadmap project
Support move to digital to reduce CO2 emissions	The Circular Economy and Innovation unit is researching the impacts of the global pandemic on circular economy strategies and outcomes in a separate initiative and may have more comments to offer on this topic when the research is complete

# Baselining Project Status and Timeline

## Research Outputs

Stakeholder engagement  
Kickoff meeting report  
Landscape analysis (Tech Memo #1)

Identify selection criteria  
Three sectors selected: Food Systems, Waste Management (ICI),  
and Construction and Real Estate

## Expected Date of Completion

February 2020 ✓  
April 2020 ✓  
June 2020 ✓

July 2020 ✓  
August 2020 ✓

Material flow analysis (Tech Memo #2)

Business as usual analysis (Tech Memo #3)

Key considerations (Final Report)

Jan./Feb. 2021

Jan./Feb. 2021

April 2021



**We are  
here!**

## Upcoming Work with CEWG

- The findings of *Baselining for a Circular Toronto* will be provided to CEWG in Q2 2021. The reports will also be published at [toronto.ca](https://toronto.ca) for distribution to your networks/constituents.
- City staff will convene a half-day, virtual CEWG meeting in Q2 to present the findings, respond to your questions, and solicit your input on the next steps the City is taking on its path to developing a Circular Economy Roadmap



# Questions



# World Circular Economy Forum Online





## WCEFOnline

- The World Circular Economy Forum Online was held on September 29-30, 2020
- Program included 6 sessions and 50 speakers
- Over 4,200 people from 123 countries participated in the event
- Canada ranked second highest in terms of participation
- More than 70 side events have been hosted under the WCEFonline banner

*Full summary available at:*

<https://www.sitra.fi/en/publications/wcefonline-summary/>





## WCEFOne Side Event: *Reflections from circular cities during a pandemic*



### Goals:

- Maintain Canadian city presence in WCEF and the international circular economy community
- Contribute local government perspective to the WCEFOne programme
- Connect Canadian cities to foster collaboration and dialogue on circularity

### Side Event

*Reflections from circular cities during a pandemic*

Guelph  
Toronto  
Montreal  
Vancouver

# Introductory Remarks

## Introductory Remarks

### Leah Canning

Director, World Circular Economy Forum 2021  
Environment and Climate Change Canada,  
Government of Canada



Government  
of Canada

Gouvernement  
du Canada

6



## Introductory Remarks

### Katherine Trajan

Lead – Waste Sector Development  
Federation of Canadian Municipalities



FEDERATION  
OF CANADIAN  
MUNICIPALITIES

FÉDÉRATION  
CANADIENNE DES  
MUNICIPALITÉS

7

Speaking: Katherine Trajan


Katherine Trajan


> Participants (114)

# Presenters

Viewing Angela Doyle's app...

## Federal Smart City Challenge

Canada 



### Winners for Our Food Future

Speaking: Cathy Kennedy


Cathy Kennedy

Participants (125)

Viewing Angela Doyle's app...

## Toronto During COVID-19

- Prioritizing essential service delivery and vulnerable communities
- Limiting public communications and events unless related to essential services or the COVID-19 pandemic
- Formation of task forces to address pandemic impacts, including **Toronto Office of Recovery and Rebuild (TORR)**
- **Redeployment** of circular economy and waste policy staff to support long term care homes
- **Reassignment** of circular economy staff to support TORR strategy development





Speaking: Meghan Davis

Meghan Davis

Participants (129)

## Presentation: A Tale of Four Circular Canadian Cities

Erin Nichols  
Senior Project Manager - Zero Waste  
City of Vancouver

53

Speaking: Erin Nichols

Erin Nichols

Participants (130)

Plan de relance économique de Montréal

## Une impulsion pour la métropole : agir maintenant

juin 2020



### Banking on the circular economy for a green and prosperous recovery



WCEF Online – Reflections from Canadian circular cities during a pandemic

SERVICE DU DÉVELOPPEMENT ÉCONOMIQUE  
Ville de Montréal

28/09/2020

Speaking: Nalapha Basuchene


Nalapha Basuchene


Participants (122)


# Panelists


Viewing Angela Doyle's app...

## Panelists

**Montréal**

**VANCOUVER  
ECONOMIC  
COMMISSION**

**OurFoodFuture**  
Guelph-Wellington

**Toronto**


**Josée Chiasson, City of Montréal**  
Director, Economic Hub Development, Economic Development Dept.

**Meg O'Shea, Vancouver Economic Commission**  
Manager, Small to Medium Enterprises


**Barbara Swartzentruber, City of Guelph**  
Executive Director, Smart Cities Office/Office of the Chief Administrative Officer

**Annette Synowiec, City of Toronto**  
Director, Policy, Planning & Outreach, Solid Waste Management Services


Please select "All Panelists" in the chat function to ask questions of the panel



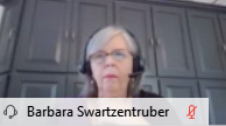
Speaking: Kamara Jeffrey




Kamara Jeffrey




Annette Synowiec



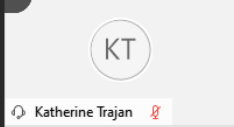
Barbara Swartzentruber



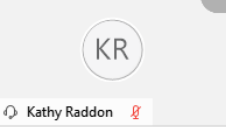
Meg O'Shea



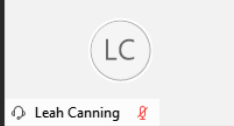
josee chiasson



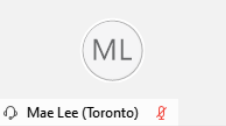
KT




KR




Katherine Trajan




Kathy Raddon




LC




ML



Leah Canning



Mae Lee (Toronto)

36Solid Waste Management Services

# Interesting Takeaways from WCEFOne Presentation

## Interesting takeaways

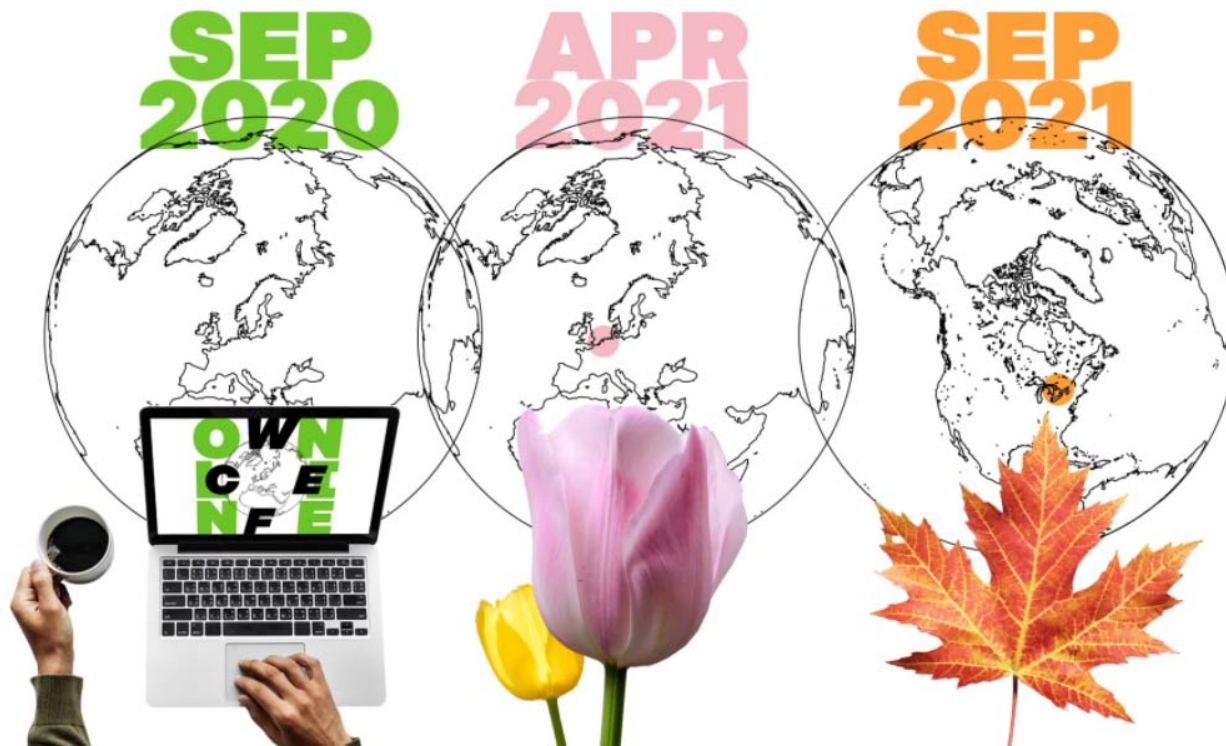
- Many of the challenges and impacts of linear economic systems fall to local governments to manage (e.g., waste, emergency response)
- Cities are well placed to see tangible benefits of a circular economy because they have concentration of data, resources, capital and talent; and, are the closest level of government to people and communities
- There have been many examples of using existing public assets for different purposes is important (e.g., use libraries as pop-up food banks)
- Value in a circular economy can be cultural as well as economic, particular for resources like food
- Recovery from the pandemic can be an opportunity to address social inequities, build community, apply an equity lens, and honour Indigenous heritage and knowledge
- There are opportunities for sharing and cooperation across city borders
- Cities can pivot existing circular economy approaches towards recovery

## Common themes among cities

- Unprecedented mobilization of city divisions
- Appetite to build back better
- Green, inclusive, fair and local recovery
- Localizing supply chains
- Supports for business
- Collaboration and partnerships



## WCEF 2021: What We Are Expecting



**WCEF2021 will address systems-level changes needed to accelerate the circular transition**

The landmark circular economy event of the year, the World Circular Economy Forum, will be held in Toronto, Canada. This will mark the first time the annual forum is held in North America. The WCEF2021 will build on the previous events to focus on the cross-cutting issues and topics that are central to economic recovery and the circular shift. WCEF2021 will identify the key actions and systemic changes needed to create the conditions for a thriving global circular economy.

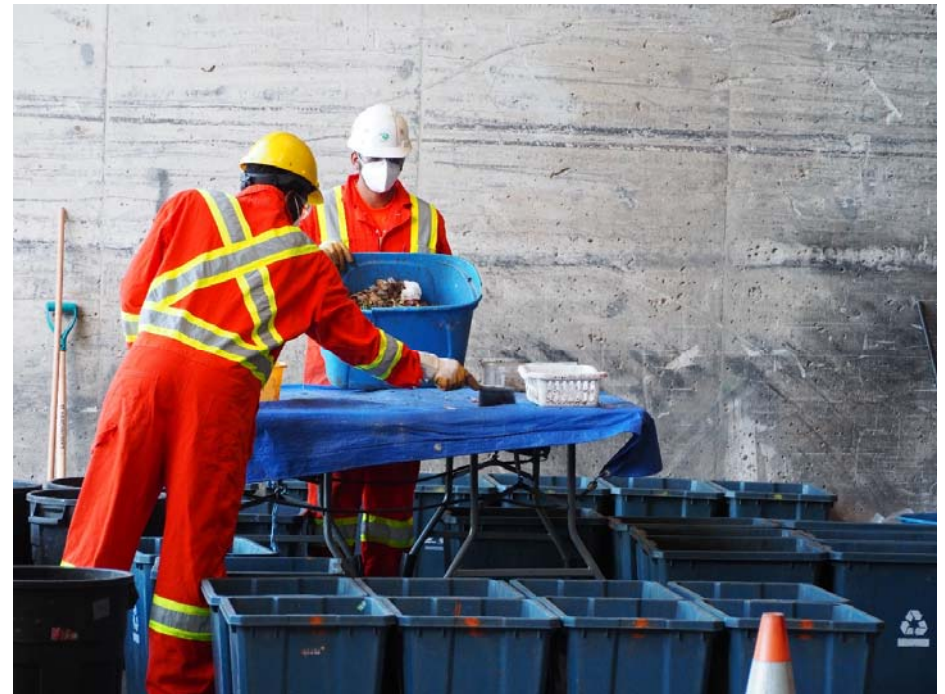
## 2020 Year in Review



# Circular Momentum in 2020 – Studies

## Studies

- Launched one of Canada's first circular city scans
- Completed Task 1 of *Baselining for a Circular Toronto*
- *Baselining for a Circular Toronto* on track for completion in early 2021
- Continued study of mixed waste processing with organics recovery
- Successfully reported to Toronto City Council on mixed waste processing
- Completed mixed waste audits at Commissioners Transfer Station



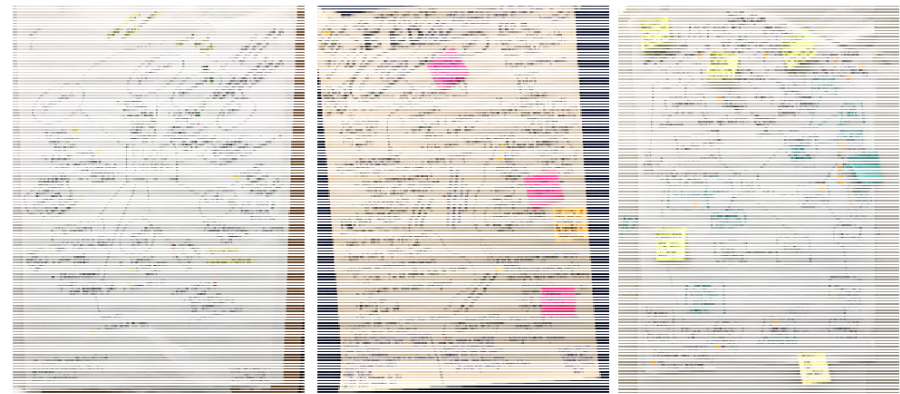


# Circular Momentum in 2020 – Presentations

## Presentations

- London CE Week: *Cities vs. Climate Change – Cities innovating to act on climate change* (June 1)
- Consulate General of the Kingdom of the Netherlands in Toronto: *Cities Going Circular* (June 25)
- World Circular Economy Forum Online: *Reflections from Canadian Circular Cities During a Pandemic* (Sept. 28)
- Waste Reduction Week: *Making the Most of What We Have and Giving Back to the Planet* (Oct. 19)
- McMaster University: *Circular Economy* (Oct. 21)
- Circular Cities Week: *Creating Value from Waste* (Oct. 27)
- Smart Cities Connect Virtual Conference & Expo: *Unlocking Smart City Potential with Government Fleets* (Oct. 27)

Plus dozens of internal stakeholder meetings, workshops, and presentations!



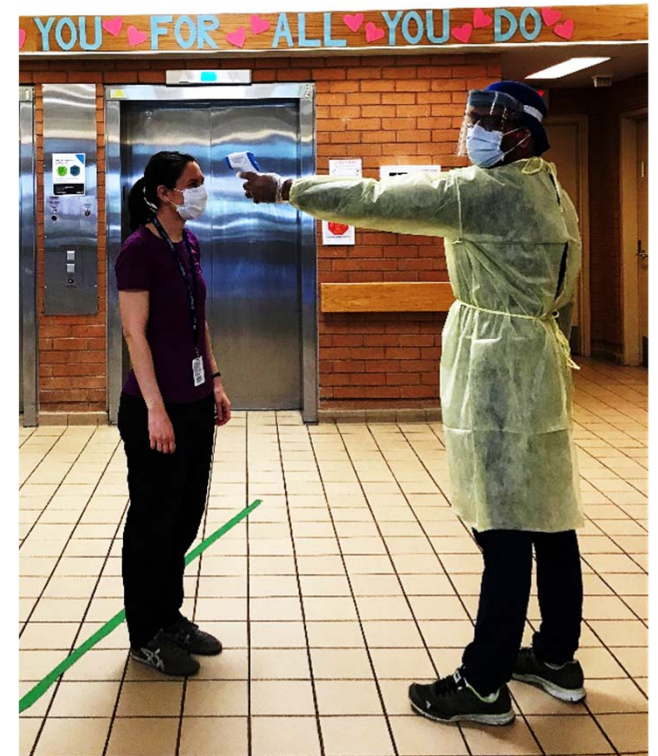
# Circular Momentum in 2020 – Procurement and COVID-19

## Procurement

- King Street Parklet implementation
- Catering contract with Circular Economy principles completed
- In process of developing circular economy procurement training modules for City staff
- One additional CE pilot procurement currently in progress

## Response to COVID-19

- Three staff redeployed to Long Term Care Homes and Toronto Office of Recovery and Rebuild
- COVID and CE Impact Survey
- COVID and CE Research Study



# Questions



## Final Wrap Up



# Impact Canada: Food Waste Reduction Challenge

- Accelerate the development and deployment of innovative waste reduction solutions
- Support innovators to establish and grow their solutions in Canada

## Four Challenge Streams:

- **A:** Business models that prevent food waste
- **B:** Business models that divert food waste, food by-products and/or surplus food
- **C:** Technologies that Extend the Life of Food
- **D:** Technologies that Transform Food Waste

Deadline: January 18, 2021



**Calling all innovators!**

Agriculture and Agri-Food Canada has launched the **\$20M Food Waste Reduction Challenge** to accelerate the development and deployment of innovative solutions that can tackle food waste at any point from farm-to-plate.

The Challenge has four innovation streams. The first two Streams (A and B) are now accepting applications for business models that prevent or divert food waste!

Applicants to **Streams A or B** will compete for a chance to win:

- Up to 30 Prizes of \$100,000
- Up to 12 Prizes of \$400,000
- Up to 2 Grand Prizes of \$1,500,000

To receive funding, solutions will need to be **innovative, high-impact and transformative** and have the potential to make a dramatic and measurable reduction to food waste.

[Learn more](#)

Apply by **January 18, 2021**

Canada Agriculture and Agri-Food Canada

<https://impact.canada.ca/en/challenges/food-waste-reduction-challenge>





**Happy Holidays!**

