

Circular Economy Working Group: Meeting 7
December 14, 2020
1:00pm-2:30pm
Virtual WebEx Meeting

Please see slide deck for more information

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Welcome, Agenda and Introductions

The meeting was called to order at 1:00 pm

Robyn Shyllit (City of Toronto, Public Consultation Unit) welcomed the group and provided a land acknowledgement. Going forward, we will ask members to do the land acknowledge before each meeting. Sarah and Kelly offered to do the land acknowledgement.

Robyn then reviewed the meeting agenda and meeting objectives. Robyn explained that the meeting will be recorded for record keeping and will not be distributed publicly. Robyn reviewed best practices for effective virtual meetings. Going forward, we will ask members to do the land acknowledge before each meeting. Sarah and Kelly offered to do the land acknowledgement.

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

Questions/Comments

Comment: 7 minutes was a good amount of time because it kept people on track

Recap of Year 1 and 2

Robyn provided a recap of year one

Meaghan discussed key takeaways from year one

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.)

Robyn provided a recap of year two – intended and actual

- Had started the year with intention to do pitch projects but had to cancel them due to shift online
- Participated in four virtual meetings despite constraints
- Successfully transitioned to virtual engagement
- Contributed to selection of sectors for Material Flow Analysis
- Participated in Member-to-Member Networking Event

Robyn reviewed the plan for year three

- Will be discussing the structure of CEWG, Baseline for a Circular Economy Study and a Wrap Up Meeting. Will also host more Member-to-Member Events. During first meeting, we would like feedback on:
 - Overall organization of the group
 - Membership and balance of participation
 - Meeting frequency/structure
 - Participation expectations and requirements for members

Introduction of Social Pinpoint

Robyn Shyllit introduced

- New platform that we hope to set up and begin working with in some way with CEWG next year
- At the beginning of the pandemic we had to quickly adapt to move our meetings online
- Want to improve the experience of coming together virtually,
- We started with building our member capacity of Webex, trying breakout groups, and virtual networking meetings
- Next year, we are hoping to begin using Social Pinpoint, which is a customizable community engagement platform, with a range of tools and capabilities to create a space to keep CEWG members engaged and informed.

- Will be able to post meeting minutes, key documents to reference for members all in one place, as well as be able to host ongoing discussions and receive feedback from members in a more interactive online format,
- We expect to use ideas walls and forums

Member Announcements

Kelly Drennan – Fashion Takes Action

- Conducting textile recycling feasibility study with Environment and Climate Change Canada to look at three types of textile recycling processes – mechanical, chemical and hydrothermal, with focus on polyester; 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 (damaged product, excess inventory, returned).
- Post-consumer waste audits with nine Ontario municipalities data will be available soon (quarterly data).
- To Be Confirmed - 2021 textile recycling pilot project with Canadian Tire - in store takeback program for sports jerseys; testing use of mechanical shredder
- Digitization of REwear challenge for students grades 4-12 across Ontario; donations welcome
- https://give.charityvillage.com/support.FTA?ref=ab_59iaZa_ab_7QBqkcDsdVt7QBqkcDsdVt

Hazel Sutton – BOMA Canada

- Working with building owners to develop guides
- BOMA Canada will be launching two guides/briefs in early February:
 - Guide to Circular Building Operations
 - Guide to Circular Procurement for Building Operators
- February 2022, will host a three-day workshop with Circular Innovation Council (formerly RCO) on how to implement circular procurement policies in building management

Question: Will the material be shared?

Hazel: As soon as they are available, we will share the guides

Helen Melbourne: Creative Use Toronto was recently named as one of the Top 100 projects in Canada for Build Back Better by the Future of Good

Presentation: Baselineing for a Circular Toronto Study and Sector Selection

Meaghan Davis (City of Toronto, Circular Economy and Innovation Unit) provided an update:

- The intention of this study is to ground the circular economy work, and enable us to identify priorities and considerations with our senior management team
- Originally, this study was intended to wrap in Q1 2021 and foster dialogue with subject matter experts to scope, tender, and launch development of Toronto's circular economy roadmap
 - The COVID-19 pandemic and emergency response impacted the timeline
 - The work on circularity and roadmapping will now be done in the context shaped by a pandemic
 - We initiated two major changes to the work plan as a result
 - First: Increased stakeholder engagement (held a dedicated meeting with CEWG to solicit insights this summer on what sectors the project should focus on) because we wanted to ensure any major decisions we made were well informed by diverse perspectives
 - Second: Team launched parallel research on circularity and the pandemic; how circularity has been impacted, how waste management has been impacted, and what the opportunities might be. This included outreach to circular economy champions, including

CEWG, to understand what the pandemic has meant for your initiatives, and what opportunities you see in the future

- This parallel research is now informing our approach to scoping a roadmap, and we're bringing that perspective to our engagement with the international community as well, through our participation in the World Circular Economy Forum
- CEWG Member Input was invaluable
- In 2021, will work with CEWG to answer questions and solicit input

Questions/Comments

n/a

Presentation: World Circular Economy Forum Online

Meaghan Davis provided an update:

- The World Circular Economy Forum Online was held September 29-30, 2020
- Program included six 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 WCEFOOnline banner
- Full summary available at: <https://www.sitra.fi/en/publications/wcefonline-summary/>
- Toronto hosted a side event to maintain Canadian city presence in WCEF and the international circular economy community
- We wanted to contribute local government perspective to the WCEFOOnline programme
- Fostered collaboration and dialogue on circularity in Canada
- There were many great takeaways from the presentations
- Work Circular Economy Forum 2021 in April will address systems-level change needed to accelerate the circular transition

Questions/Comments

Comments: The presentations were great

Question: Federal government just announced plan to meet climate targets by 2030. Does Baselineing Study look at measurement of greenhouse gas emissions?

Meaghan: There is some consideration of greenhouse gas emissions in material flow analysis. There are varying approaches to emissions modelling at the city-level and we may need new tools or approaches to tie circularity to emissions. The Circular Economy and Innovation unit works closely with Environment and Energy Division, who are responsible for the City's GHG emissions inventory. Members may be interested to know that the Environment and Energy Division received direction from Council in 2019 to explore embodied carbon measurement [later corrected to consumption-based (lifecycle) emissions] in their work. The Federal Government has been active on other circularity-related initiatives and announcements recently, in particular around plastics and potential opportunities to harmonize approaches to plastics in Canada.

Comments: We are often presented with incorrect information on greenhouse gas emissions. It is said that single-use items are better because less energy is used than if items were sterilized, but this isn't true.

2020 Year in Review

Meaghan provided overview of the work of the Circular Economy and Innovation unit's work, including: studies, presentations, circular procure and response to COVID-19. Lots of momentum in the circular economy despite pandemic. We really appreciate Circular Economy Working Group's efforts

Question: How are we bringing equity and social justice considerations into our work?

Meaghan: We will ensure community and equity are part of our outcomes. The food system is one of the three sectors we are looking at and there is a lot of opportunity here. We have been engaging with the City's Emergency Food Response. The City of Toronto has taken steps this year to ensure anti-Black racism is front and centre. We are supporting the Confronting Anti-Black Racism unit to develop a strategy that specifically addresses issues of equity and food for Black residents. As we look to the next term of the Circular Economy Working Group, we need to ensure there is a diversity of voices represented.

Question: would it be helpful to link the City's work with the United Nations Sustainable Development Goals (SDG)? There is one related to food and hunger.

Meaghan: The city of Toronto has not made any official commitments to SDGs. Our work engaging with sustainability, but baselining study has engaged with SDGs directly. We do recognize the SDGs as a useful, existing framework for the circular economy portfolio.

Meaghan corrected her comment about embodied emissions and said the City is looking at consumption based emissions. It was adopted by City Council as part of the declaration of a climate emergency in October 2019.

Comment: Member pointed out that [Vancouver](#) is looking at embodied carbon

Comment: Further support for using SDGs framework

Question: Is there directive for job creation and training; working with education sector to support programs that support diversion?

Meaghan: At this point we haven't done any work on engaging with the education sector, but skills development is coming up as important in our research today. The City hasn't identified special outcomes or strategies yet from the research. But there is an opportunity to include this in the Circular Economy Road Map. There is opportunity to connect with the other levels of government on this as well.

Comment: Support for question above

Question: How can City funding during COVID-19 be linked to circular economy businesses?

Meaghan: It's an important question. We need to support local businesses.

Food Waste Reduction Challenge

- Running by government of Canada
- Due January 18, 2021
- <https://impact.canada.ca/en/challenges/food-waste-reduction-challenge>

Additional Member Announcements

Emily Alfred provided update on Toronto Environment Alliance [Zero Waste High-Rise Project](#). Was inspired by the Mayor's Towering Challenge. They've been measuring the impact of waste reduction

efforts and have been sharing information between buildings. Buildings from across Ontario are involved. They are looking for more buildings to join. They offer forms to guide a building team through the project. Helps multi-residential buildings become zero waste buildings.

Thank you

We want to say a big thank you for your work this year. It's been a challenging year professional and personally

Robyn Shyllit wrapped up the meeting, reminding members to:

- Next meeting will be held in February 2021

The meeting was adjourned at 2:05 pm.

Member Attendees

1. Alison Creba
2. Emilia Hurd
3. Emily Alfred
4. Hazel Sutton
5. John Ashbee
6. Katie Motta
7. Keir Brownstone
8. Kiera Toffelmiere
9. Kelly Drennan
10. Leah Barrett
11. Lindsay Macdonald
12. Lisa Sloan
13. Lisa Vanlint
14. Lori Andrews
15. Sarah Margolius
16. Shirin Karoubi
17. Victoria Ho
18. Wai Chu Cheng

City Staff

1. Meaghan Davis, Manager Circular Economy & Innovation Unit
2. Emily Marmoreo, Senior Project Lead (Acting), Circular Economy & Innovation Unit
3. Robyn Shyllit, Senior Coordinator, Public Consultation Unit

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
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

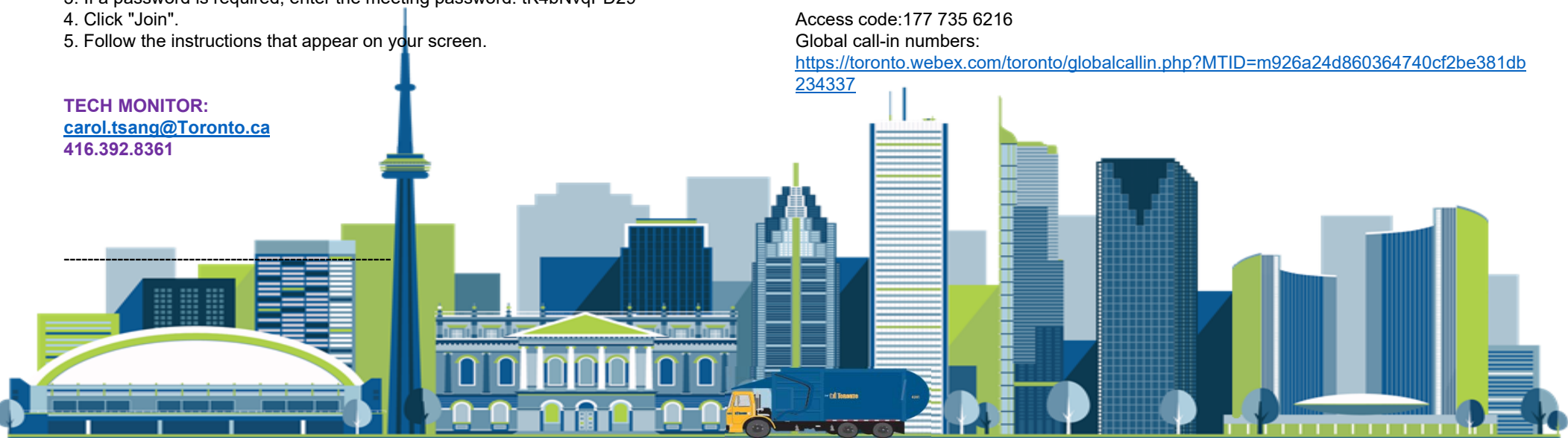
Having trouble dialing in? Try these backup numbers:

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	Welcome: Meeting Overview, Land Acknowledgement
1:10	Review: 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	City of Toronto Update: Baselining for a Circular Toronto, World Circular Economy Forum <i>Presenter: Meaghan Davis, Manager, Circular Economy Innovation Unit</i>
2:05	Wrap Up: Next Steps, Member Updates
2:30	Meeting Adjourns

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

- 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

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 - 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

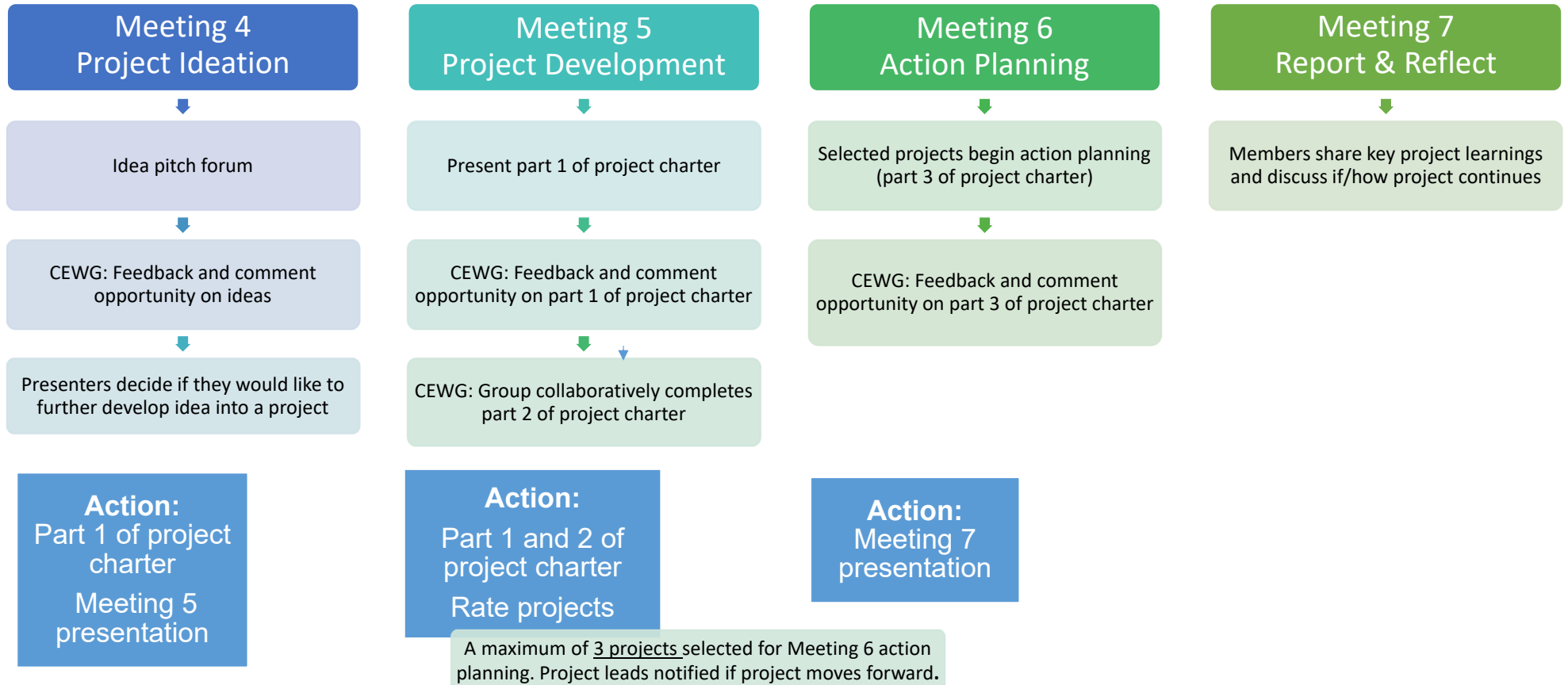
- Meeting 1 reflection
- City Structure and Decision Making
- CE across City Divisions
- CE Sector Engagement Strategies

Meeting 3 CE & Resilience

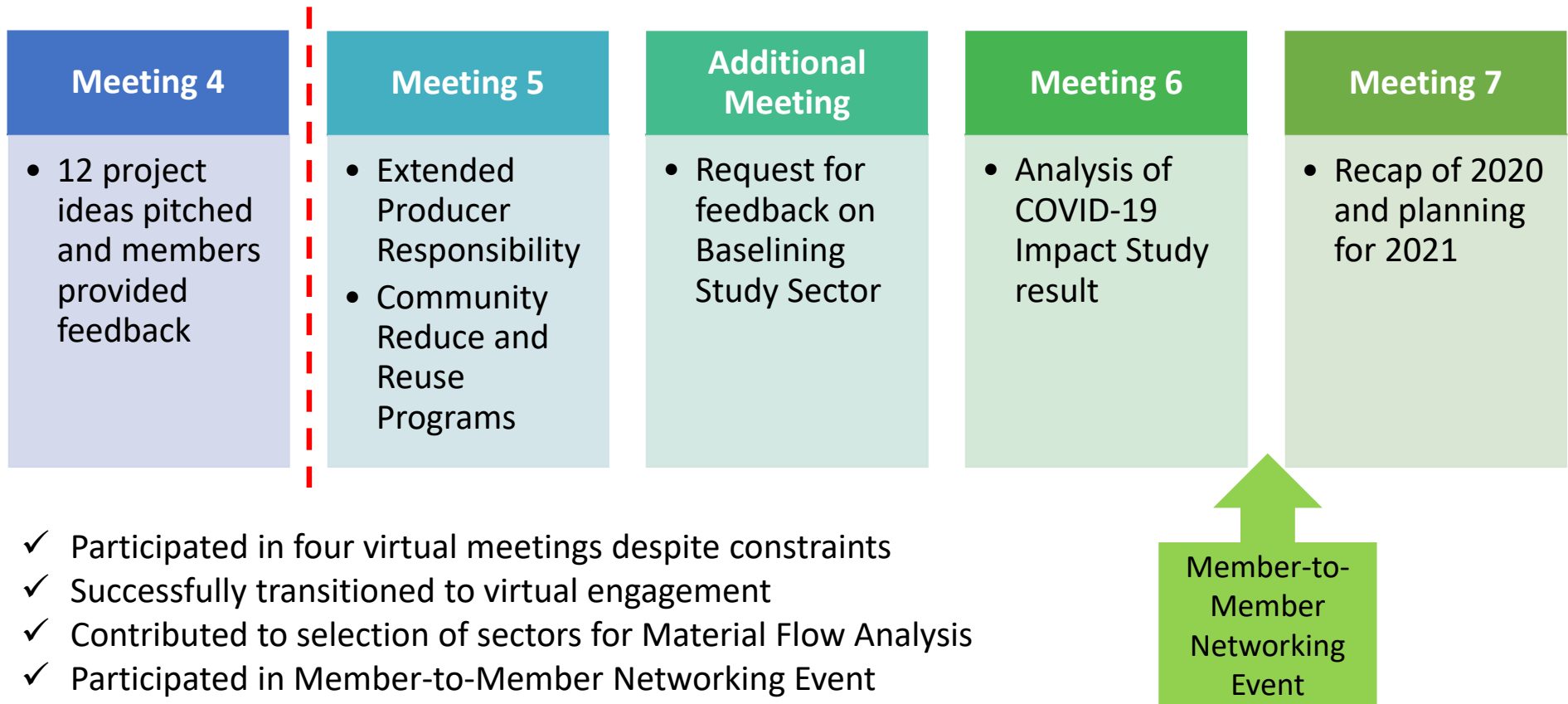
- Meeting 2 reflection
- Terms of Reference Update
- Circular City & Resilient City Alignment

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



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



2021 Meeting Overview

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

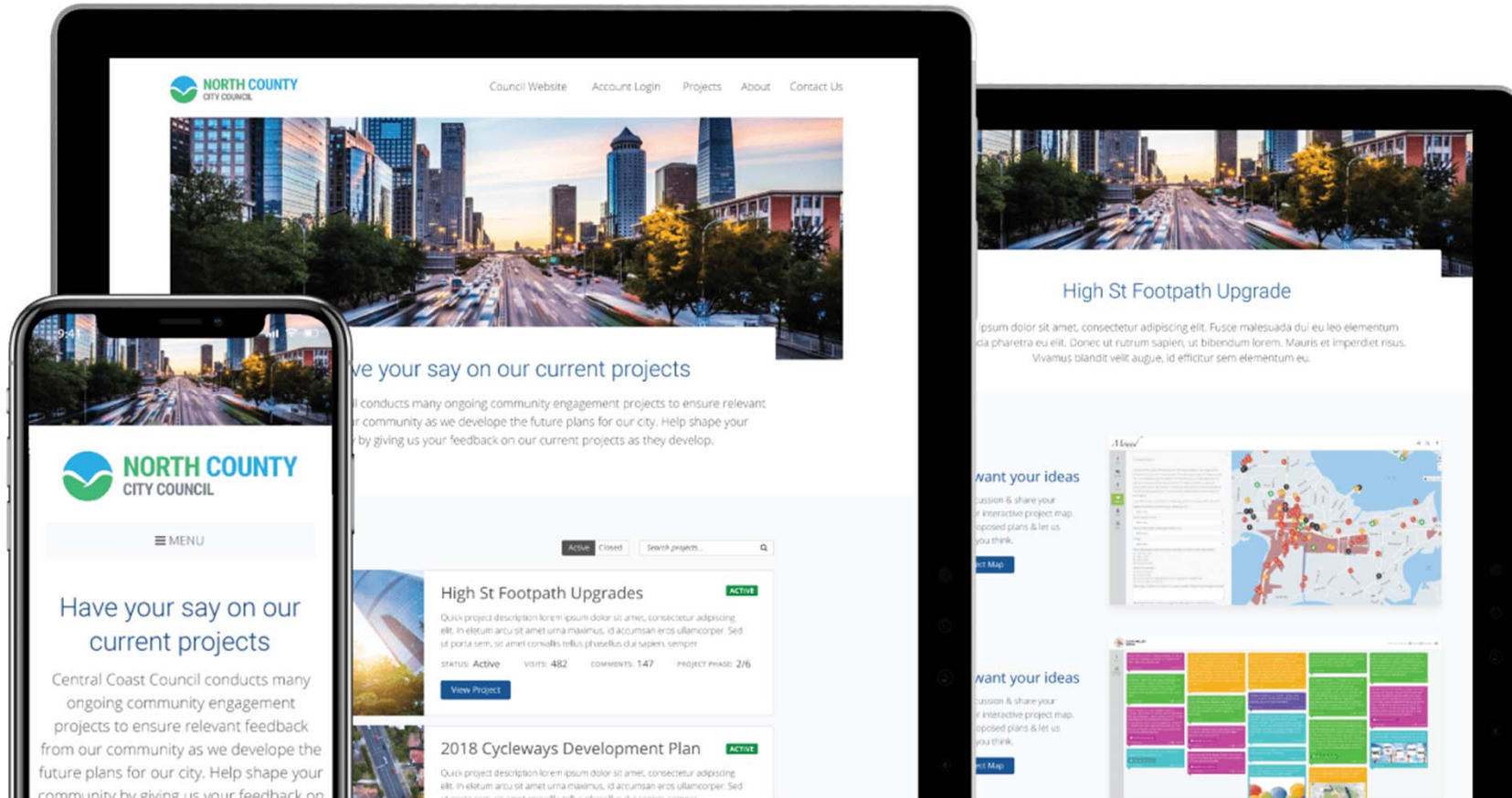
Terms of Reference, 2022 and beyond

- 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

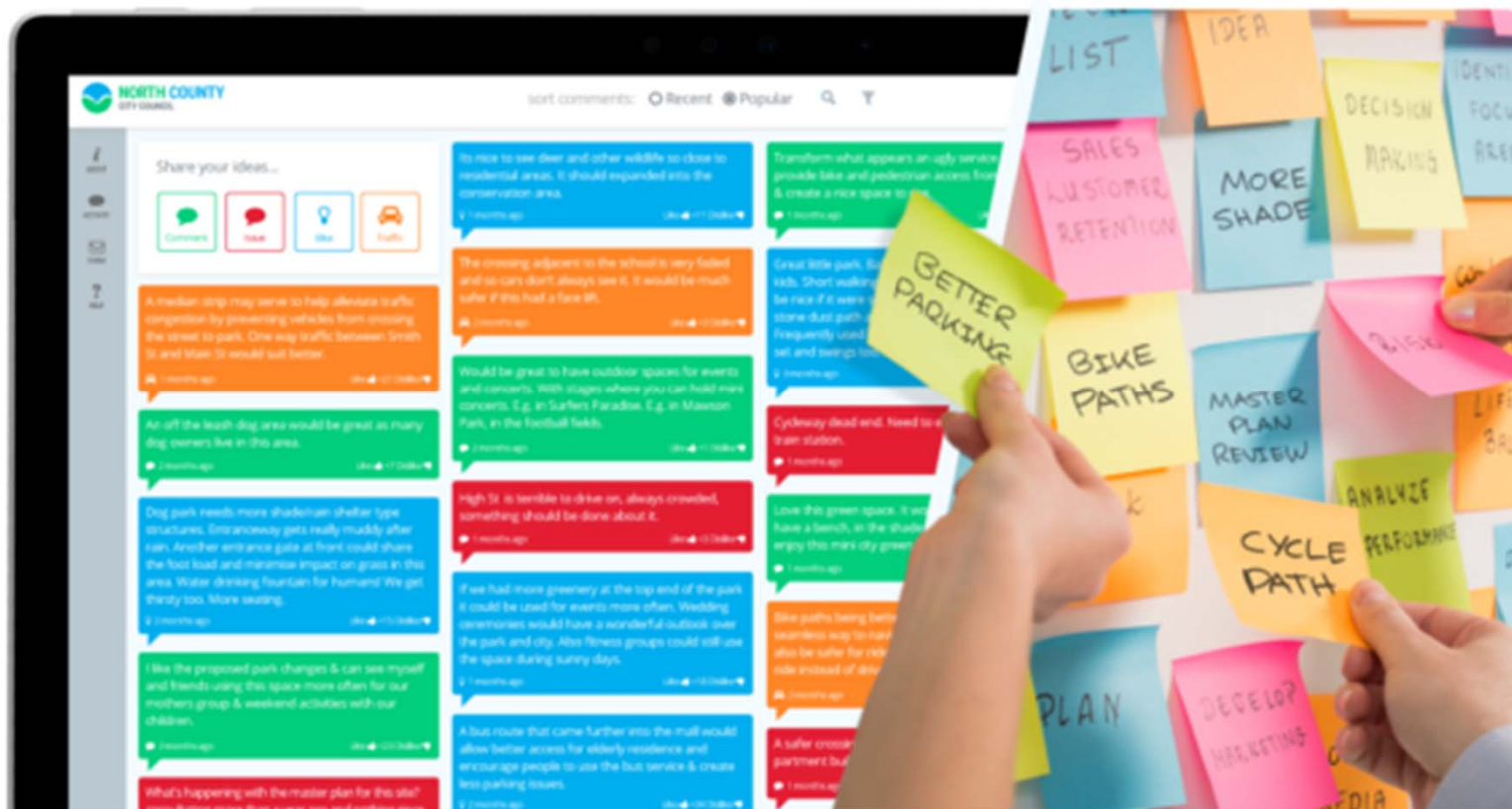
Social Pinpoint Demonstration



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

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

Helen Melbourne – Creative Reuse Toronto

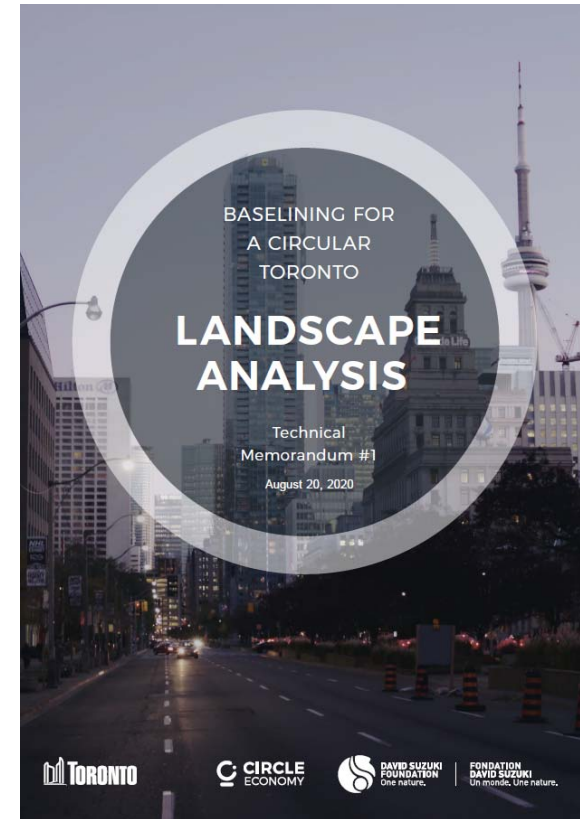
Creative Reuse Toronto was recently named as one of the Top 100 projects in Canada for Build Back Better by the Future of Good. We are feeling very honoured by this recognition.

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



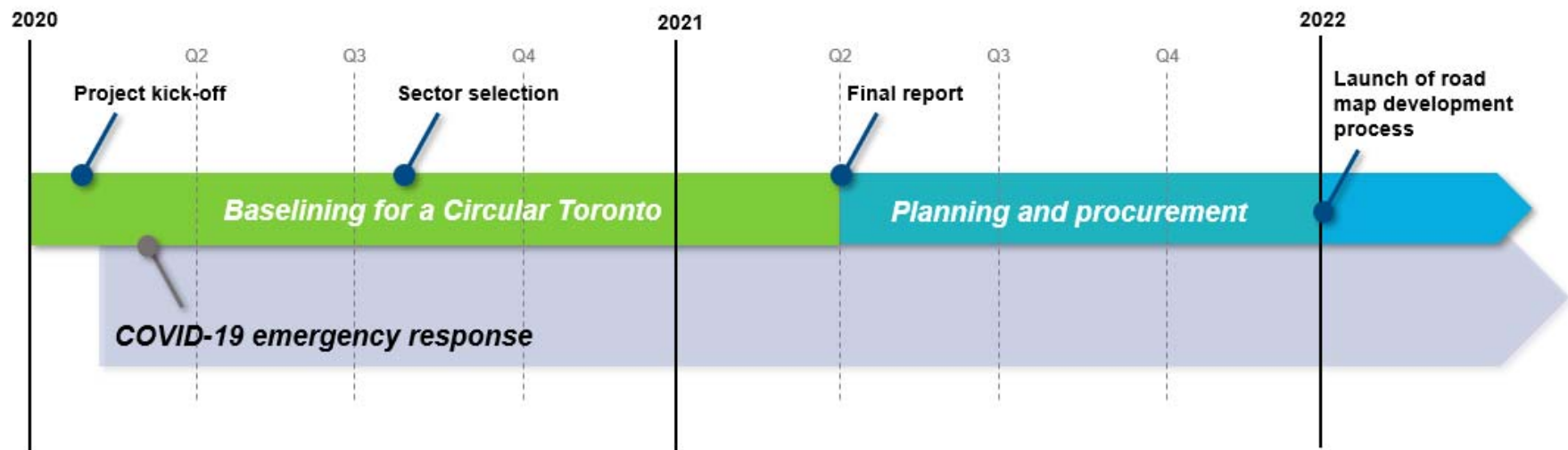
Recap: What is this project and why does it matter? Cont'd

- 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

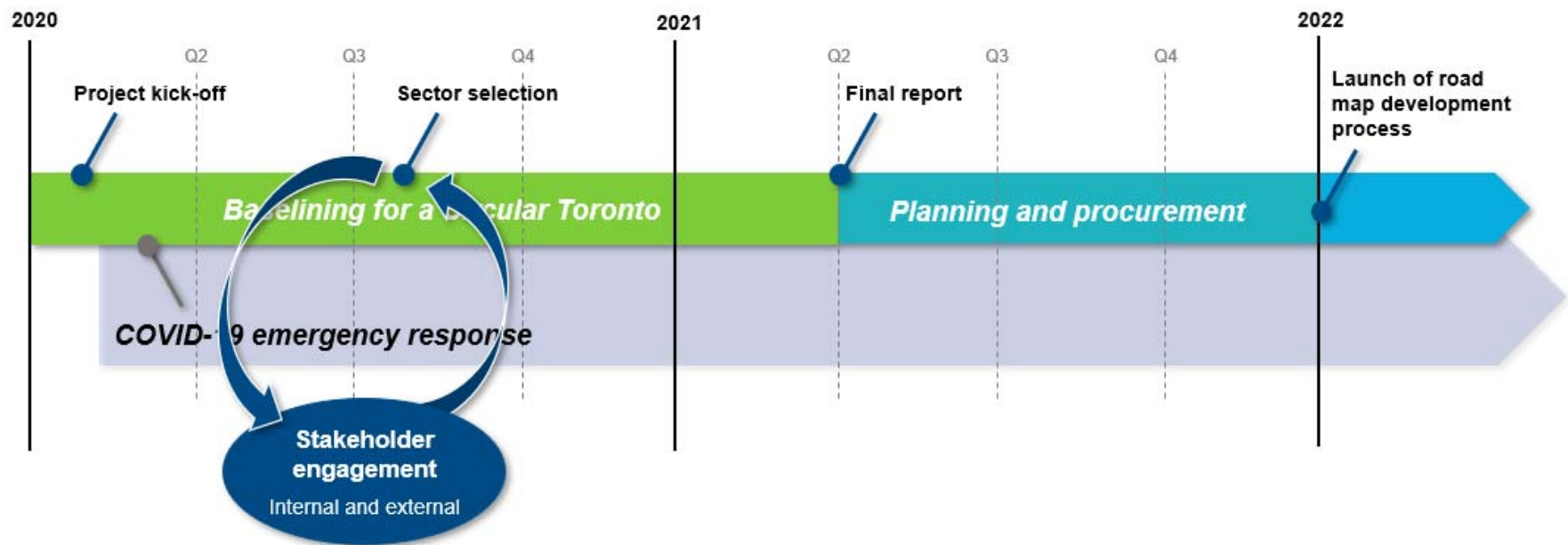
Context 1: How our Baseline Workplan has Evolved in 2020



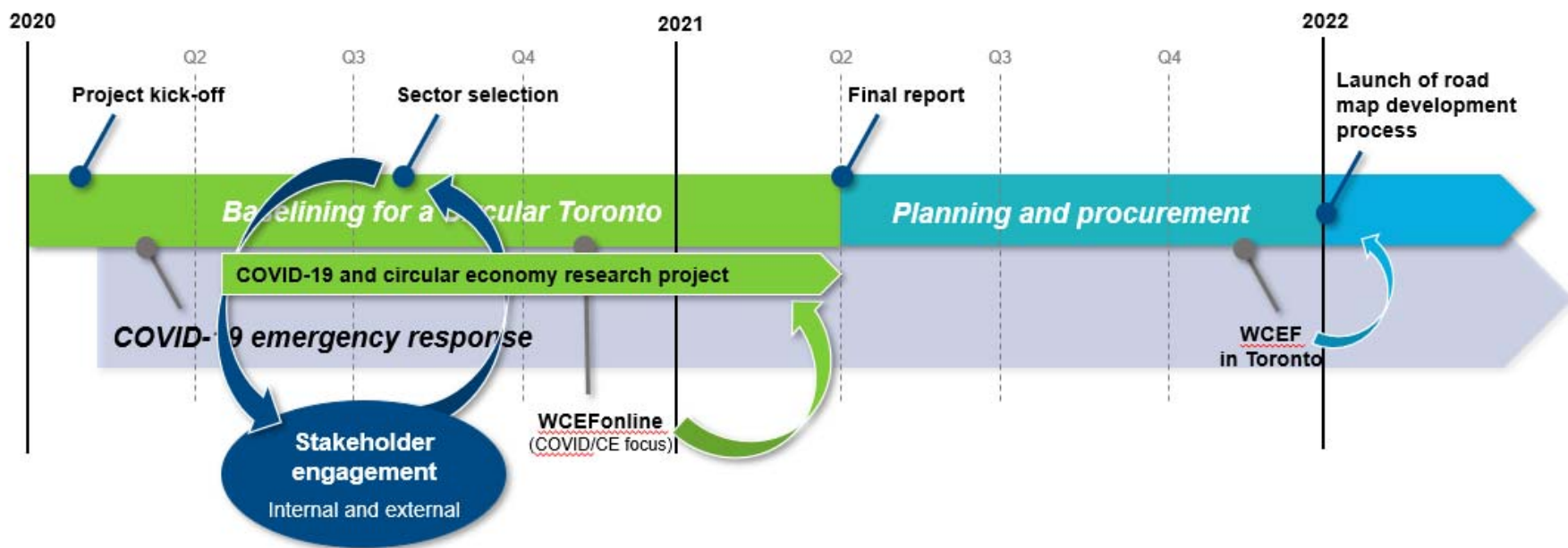
Context 2: How our Baseline Workplan has Evolved in 2020



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	https://excessmaterialsexchange.com ; https://toogoodtogo.com/en-us ; https://www.leanpath.com ; https://www.peerby.com https://ontario.materialsmarketplace.org/
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 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

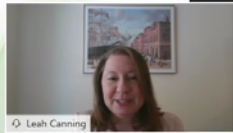
Director, World Circular Economy Forum 2021
Environment and Climate Change Canada,
Government of Canada



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



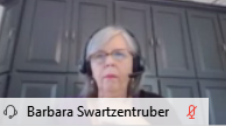
Speaking: Kamara Jeffrey




Kamara Jeffrey



Annette Synowiec



Barbara Swartzentruber



Meg O'Shea

JC

josee chiasson

KT

Katherine Trajan

KR


Kathy Raddon

LC

Leah Canning

ML

Mae Lee (Toronto)

 **TORONTO**

36

Solid Waste Management Services

Interesting Takeaways from WCEFOne Presentation

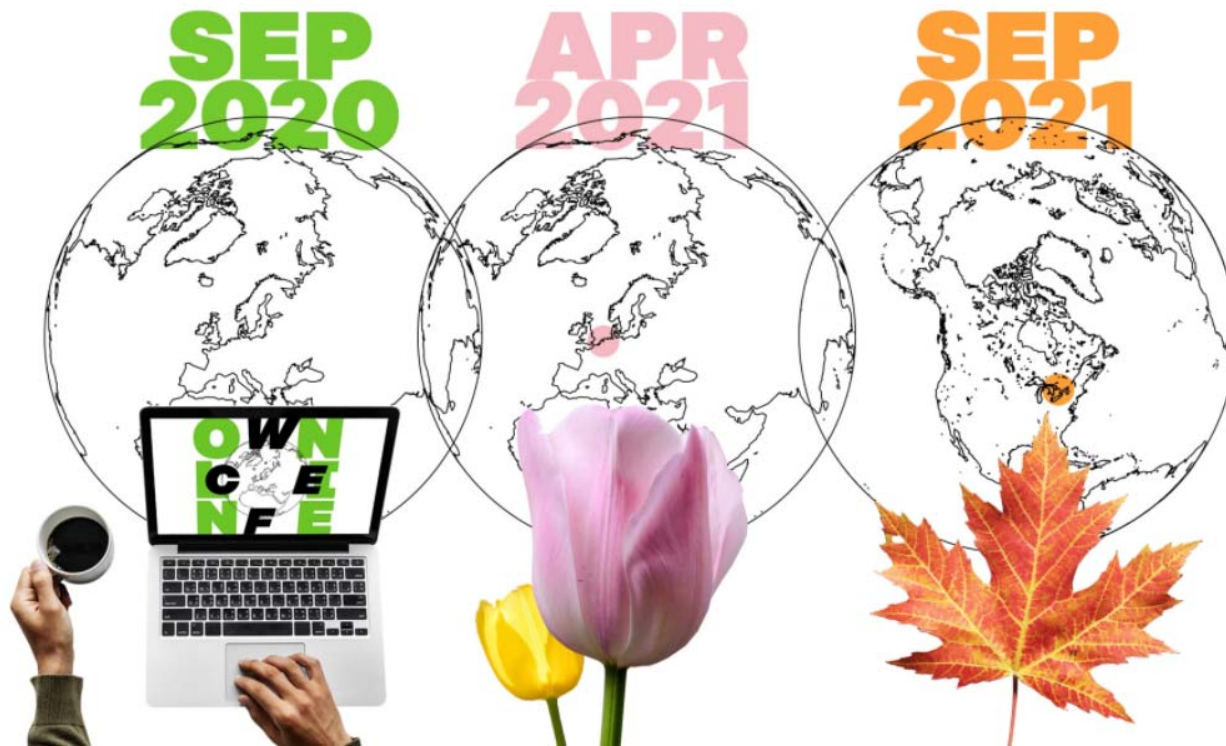
Interesting takeaways

- 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.

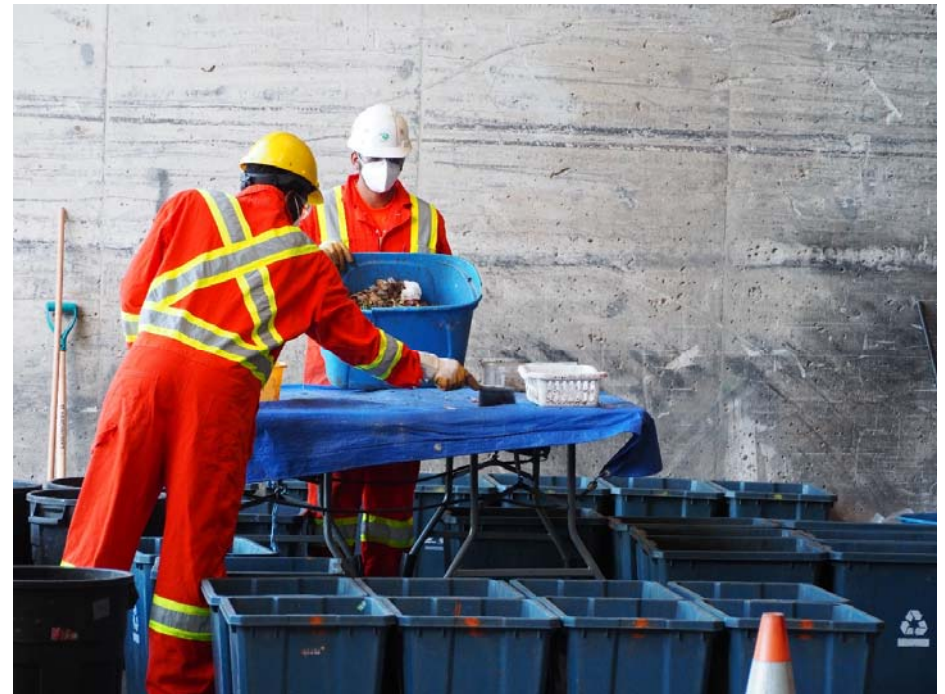
2020 Year in Review



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

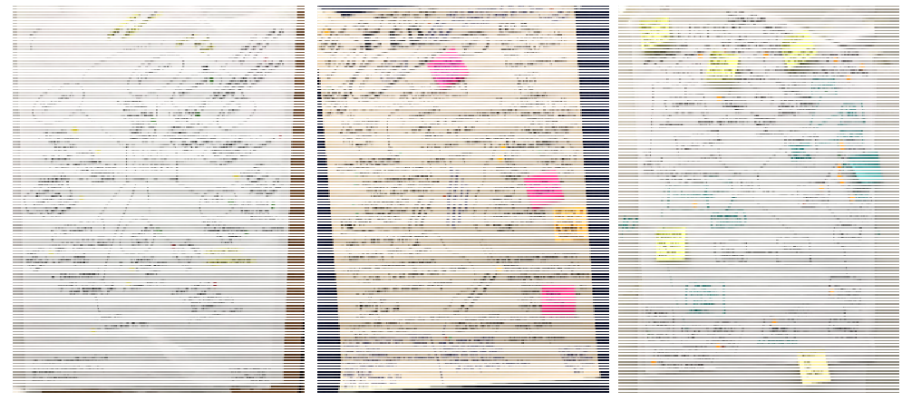


Circular Momentum in 2020 – Presentations

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!



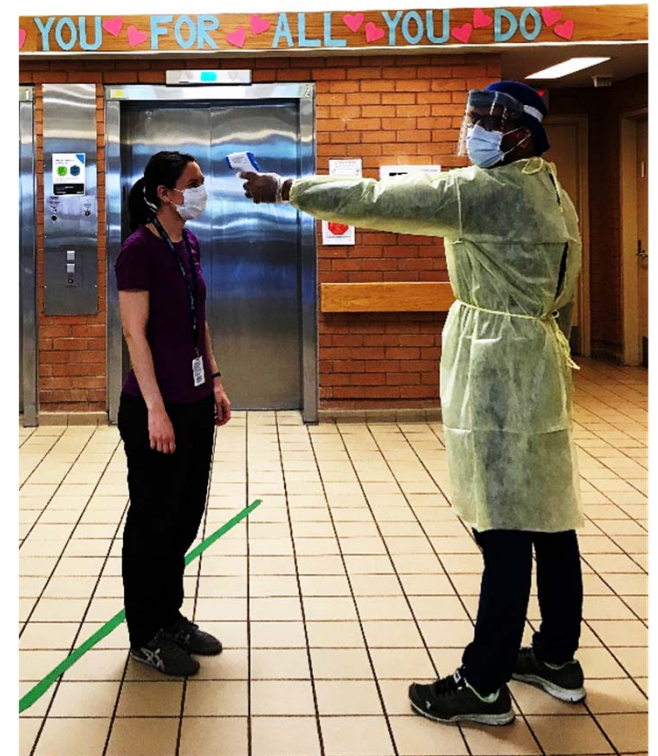
Circular Momentum in 2020 – Procurement and COVID-19

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:

Stream	Prizes
Stream A	Up to 30 Prizes of \$100,000
Stream B	Up to 12 Prizes of \$400,000
Stream C	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!

