
Environmental Action Committee

Date

2019/04/16

Time

9:30 AM

Location

Civic Centre, Committee Room A - Second Floor,
300 Civic Centre Drive, Mississauga, Ontario, L5B 3C1

Members

Matt Mahoney	Councillor - Ward 8
George Carlson	Councillor - Ward 11
Stephen Dasko	Councillor - Ward 1
Brad Bass	Citizen Member
Chelsea Dalton	Citizen Member
Lea Ann Mallett	Citizen Member
Pujita Verma	Citizen Member
Leena Baber	Peel Environmental Youth Alliance
Simran Persaud	University of Toronto Mississauga
Vacant	Group Representation/Stakeholder Member
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Contact

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Find it Online

<http://www.mississauga.ca/portal/cityhall/environmentalactioncommittee>

Agenda Index

1. **CALL TO ORDER**
2. **APPOINTMENT OF CHAIR**
3. **APPOINTMENT OF VICE-CHAIR**
4. **APPROVAL OF AGENDA**
5. **DECLARATION OF CONFLICT OF INTEREST**
6. **MINUTES OF PREVIOUS MEETING**
 - 6.1. Environmental Action Committee Minutes – February 19, 2019
7. **DEPUTATIONS**
 - 7.1 Brad Butt, Vice-President, Government & Stakeholder Relations, Mississauga Board of Trade (MBOT) to speak on the Overview of Climate Smart Business Program
 - 7.2. Natalie Adams, Sustainable Procurement Coordinator to present on the Sustainable Procurement Policy
 - 7.3. Anthea Foyer, Project Leader Smart Cities to present on the Smart City Master Plan
8. **PUBLIC QUESTION PERIOD - 15 Minute Limit (5 Minutes per Speaker)**

Pursuant to Section 42 of the Council Procedure By-law 0139-2013, as amended:
Environmental Action Committee may grant permission to a member of the public to ask a question of Environmental Action Committee, with the following provisions:

 1. The question must pertain to a specific item on the current agenda and the speaker will state which item the question is related to.
 2. A person asking a question shall limit any background explanation to two (2) statements, followed by the question.
 3. The total speaking time shall be five (5) minutes maximum, per speaker.
9. **MATTERS TO BE CONSIDERED**
 - 9.1. Group Member Appointments to Environmental Action Committee
10. **INFORMATION ITEMS**
11. **OTHER BUSINESS**

12. DATE OF NEXT MEETING

Tuesday, May 14, 2019 at 9:30am
Committee Room A, Civic Centre
300 City Centre Drive
Mississauga, ON L5B 3C1

13. ADJOURNMENT

City of Mississauga

Minutes



Environmental Action Committee

Date

2019/02/19

Time

9:30 AM

Location

Civic Centre, Committee Room A - Second Floor,
300 Civic Centre Drive, Mississauga, Ontario, L5B 3C1

Members Present

Matt Mahoney	Councillor - Ward 8 (Chair)
George Carlson	Councillor - Ward 11 (Vice-Chair)
Stephen Dasko	Councillor - Ward 1 (arrived at 9:38am)
Brad Bass	Citizen Member
Chelsea Dalton	Citizen Member
Lea Ann Mallett	Citizen Member
Andrew Roblin	Citizen Member
Melanie Kramer	Credit Valley Conservation
Britt McKee	Ecosource
Shelia Storey	Sawmill Sid Inc.
Dianne Zimmerman	Partners in Project Green
Leena Baber	Peel Environmental Youth Alliance
Vacant	University of Toronto Mississauga

Members Absent

Andrew Roblin	Citizen Member
Melanie Kramer	Credit Valley Conservation

Staff Present

Diana Suzuki-Bracewell, Supervisor, Environmental Outreach
 Lisa Urbani, Environmental Research Assistant, Environment
 Leya Barry, Climate Change Coordinator, Environment
 Andrea J. McLeod, Project Leader Process Review, Revenue & Materiel Management Division
 Lydia Kowalyk, Manager, Materiel Management - Internal Services
 Pamela Shanks, Corporate Policies Analyst, Corporate Performance
 Jodi Robillos, Director, Parks & Forestry
 Dayna Obaseki, Legislative Coordinator, Legislative Services
 Karen Morden, Legislative Coordinator, Legislative Services

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1. **CALL TO ORDER** – 9:33 a.m.

2. **APPROVAL OF AGENDA**

Approved (C. Dalton)

3. **DECLARATION OF CONFLICT OF INTEREST** – Nil.

4. **MINUTES OF PREVIOUS MEETING**

4.1. Environmental Action Committee Minutes - June 12, 2018

Approved (S. Storey)

5. **DEPUTATIONS**

5.1. Single-Use “Water Bottle Ban” Policy in all City of Mississauga Offices, Community Centres and other Municipal Workplaces and Facilities

John Rowell, Chair, Board of Directors, Unitarian Congregation in Mississauga provided an overview on why the City of Mississauga should ban the sales of single-use water bottles in all city facilities. He also spoke regarding the purpose, elements, benefits and concerns behind such a policy. Additionally, Mr. Rowell also noted the single use water bottle ban precedents set by other municipalities in Canada.

Christopher Pyke, Supervisor of Waste Management spoke regarding the steps that the City of Mississauga is currently implementing and noted that a phased-in approach would be necessary.

Councillor Mahoney thanked Mr. Rowell for his informative and proactive action towards improving the environment. Staff was given direction to investigate the implementation of a policy, including budgeting and bench-marking.

RECOMMENDATION

1. That the deputation and associated presentation by John Rowell, Chair, Board of Directors, Unitarian Congregation in Mississauga to speak regarding a single-use “Water Bottle Ban” policy in all City of Mississauga offices, community centres and other municipal workplaces and facilities be received.
2. That the request for a single-use “Water Bottle Ban” policy in all City of Mississauga offices, community centres and other municipal workplaces and facilities refer back to staff to benchmark with other municipalities regarding implementation and associated cost.

Received/Approved (L. Mallet/G. Carlson)
Recommendation EAC-0001-2019

Councillor Dasko arrived at 9:38am during the presentation.

5.2. Policy and Procedure regarding the Disposal of Surplus Assets

Andrea J. McLeod, Project Leader Process Review provided an overview on the disposal of surplus assets policy and procedure.

Members of the Committee spoke to the matter and raised the following questions:

- Inquired about what gap the department is attempting to close since practices are already in place;
- Tracking assets as waste;
- When the success results will be made available; and
- Setting targets.

Ms. McLeod and Christopher Pyke, Supervisor of Waste Management responded to questions from the members of Committee;

- The policy is providing corporate wide direction and options for disposal of surplus assets
- The department is increasing on the tracking and measuring aspect to help with future waste diversion initiatives.
- Providing a broader scope and consider the full life cycle of assets.
- Results would be available after a year of tracking.
- The implementation team will meet on a quarterly basis.
- Initially after the first annual review and analyzing the impacts would contribute to setting future targets.

RECOMMENDATION

That the deputation and associated presentation by Andrea J. McLeod, Project Leader Process Review to present on the Policy and Procedure regarding the Disposal of Surplus Assets be received.

Received (B. McKee)

Recommendation EAC-0002-2019

5.3. Climate Change Action Plan Update

Leya Barry, Climate Change Coordinator provided an overview on the Climate Change Action Plan Update, noting the vision, goals and action for the next five to ten years. Additionally, Ms. Barry spoke regarding the mitigation and adaption as the graft goals, reducing Green House Gas (GHG) emissions and the City incorporating climate change into corporate decisions.

Brad Bass, Citizen Member inquired about the community operations and how the success factors will be measured. Ms. Barry responded that the department will be conducting pre and post engagement surveys.

RECOMMENDATION

That the deputation and associated presentation by Leya Barry, Climate Change Coordinator to present on the Climate Change Action Plan Update be received.

Received (B. Bass)
Recommendation EAC-0004-2019

6. **PUBLIC QUESTION PERIOD** - 15 Minute Limit (5 Minutes per Speaker)

No members of the public requested to speak.

7. **MATTERS CONSIDERED**

7.1. **Environmental Action Committee Work Plan**

Lisa Urbani, Environmental Research Assistant, spoke to the Environmental Action Committee Work Plan regarding closing out the work plan for the previous term of the council and to suggest moving all outstanding items to any future EAC work plan.

RECOMMENDATION

1. That the 2015-2018 Environmental Action Committee Work Plan, be received.
2. That staff update and complete the 2015-2018 Environmental Action Committee Work Plan and forward any outstanding items to a future EAC Work Plan.

Received (B. McKee)
Recommendation EAC-0004-2019

7.2. **EAC Environmental Actions Summary**

Karen Morden, Legislative Coordinator spoke to the EAC Environmental Action Summary regarding updating the summary and to re-look on how the EAC Summary will be handled once the new citizen members are appointed.

RECOMMENDATION

1. That the 2015-2018 EAC Environmental Actions Summary, be received for information.
2. That the 2015-2018 EAC Environmental Actions Summary be completed and to seek further direction from the new members of the committee on how to proceed.

Received (D. Zimmerman)
Recommendation EAC-0005-2019

8. **INFORMATION ITEMS**

9. **OTHER BUSINESS**

Brad Bass, Citizen Member mentioned that he will be leading a workshop at the EcoBuzz Conference.

10. **DATE OF NEXT MEETING(S)** - Tuesday, March 19, 2019 - 9:30am, Committee Room A

11. **ADJOURNMENT** – 10:39am

Sustainable Procurement Progress Update

Making Better Choices

Presented by: Natalie Adams, Sustainable Procurement Coordinator



Introduction

- The Sustainable Procurement Policy was enacted in January 2018
- A three year Implementation Plan (2018-2020) is being carried out by a dedicated staff resource
- Benchmarking demonstrates that the City is well positioned to deliver key sustainability benefits



Explainer Video



Implementation Goals

Leadership

The City has built a best practice sustainable procurement program

Integration

Sustainability is incorporated as a criterion into the majority of procurements

Impact

The City achieves improved environmental performance and positive social impacts as a result of our procurement activities



Leadership

Certificate of Recognition (COR) Health & Safety Certification Program

- Requiring construction contractors to be COR certified was approved by Council in 2018
- Demonstrates the City's commitment to health and safety
- Consistent with the social aspects of the Sustainability Procurement Policy



Leadership

Building Staff Capacity

- Approximately 235 staff have received training
- A communication plan was launched which includes the explainer video
- Posters and postcards have been distributed to staff to increase awareness

Website

- An internal website to provide staff with information and tools was launched on April 15, 2019



Leadership

Supplier Engagement

Sustainable Procurement at the City of Mississauga presented to 200 businesses at the 2019 Doing Business with Government Forum hosted by the Federal Government

Key Performance Indicators (KPI's)

KPI's have been developed to continuously monitor and measure progress internally and against other leading municipalities



Integration

Supplier Code of Conduct

A Supplier Code of Conduct was developed and implemented in conjunction with the Sustainable Procurement Policy

Sustainable Leadership Questionnaire

A Sustainable Leadership Questionnaire is required for all evaluated procurement processes and is typically weighted at 10%

*Code of Conduct
included in 100% of
medium and high value
bidding documents*

*Sustainability factor
included in all evaluated
procurement processes*

Examples of Impact



Fairtrade Certified Coffee

- Fairtrade coffee was introduced in all City facilities in the summer of 2018
- The Fairtrade Certification means we know the farmers growing the beans were treated and paid fairly
- Fairtrade coffee was purchased at the same price as the regular coffee previously purchased

Examples of Impact

Laptops for Municipal Election

- 966 laptops were packaged in bundles of 25, rather than individual packaging
- This saved time and storage space and eliminated excessive waste
- The laptops are being redistributed to staff as part of the laptop replacement program

Office Supplies

- Currently purchasing 70% green office products
- Previously purchasing about 26% green office products
- The green office products selected are priced equal to non-green items

Examples of Impact

City-wide Facilities Cleaning

- CIMS (Cleaning Industry Management Standard) certification required
- Two cleaning companies are working towards CIMS certification as a result of City requiring certification

We are engaging and influencing suppliers in sustainability

Examples of Impact

Fleet Replacement Vehicles

- 10 vehicles for use by the Transportation & Works Department
- Hybrid vehicles selected based on life-cycle analysis
- Total fuel savings of approximately \$110,000 over a 10 year lifespan, and \$70,000 in rebates from the Federal Government



Benchmarking

2016

Cities	Strategy & Action Plan	Sustainable Purchasing Policy	Supplier Code of Conduct	Social Sustainability & Innovation	Dedicated Staffing & Resources	Procurement Tools and Procedures	Training and Communication	Supplier Engagement	Measuring & Reporting	Leadership & Collaboration
Vancouver	●	●	●	●	●	●	◐	◐	◐	●
Edmonton	●	●	●	●	●	●	◐	◐	◐	●
Brighton & Hove	●	●	●	◐	●	●	◐	◐	●	●
Toronto	◐	●	◐	●	◐	◐	◐	◐	◐	◐
Calgary	◐	◐	◐	◐	●	◐	◐	◐	◐	◐
Mississauga	◐	◐	◐	○	○	◐	○	○	○	○

2018

Cities	Strategy & Action Plan	Sustainable Purchasing Policy	Supplier Code of Conduct	Social Sustainability & Innovation	Dedicated Staffing & Resources	Procurement Tools and Procedures	Training and Communication	Supplier Engagement	Measuring & Reporting	Leadership & Collaboration
Vancouver	●	●	●	●	●	●	●	◐	◐	●
Toronto	●	◐	●	●	●	●	◐	●	◐	●
Mississauga	●	●	●	◐	●	●	●	◐	◐	●
Ottawa	◐	●	●	◐	◐	●	●	◐	●	◐
Calgary	◐	◐	●	◐	◐	◐	◐	◐	◐	●
Edmonton	◐	◐	●	◐	◐	◐	◐	◐	◐	◐
Surrey	◐	○	◐	◐	◐	◐	◐	◐	◐	◐
Victoria	◐	◐	○	◐	◐	◐	◐	◐	◐	◐
Saskatoon	◐	◐	○	◐	◐	◐	◐	◐	◐	◐
Grande Prairie	◐	◐	○	◐	◐	◐	◐	◐	◐	◐
Kelowna	◐	◐	○	○	○	○	○	○	○	◐

Next Steps

As the program matures, focus will be on incorporating social aspects of sustainability into procurements and continuing to grow supplier engagement and outreach



We are making better choices!



SMARTCTY

A Smart City For Everybody

Mississauga's Smart City initiatives will focus on creating vibrant, inclusive communities with a high quality of life.

We will use technology to address urban challenges and opportunities in order to create a city where people choose to work, live and play.

Mississauga is already a Smart City.

CIVIC SERVICES

Birthday Certificate
Anniversary Certificate
Civil Marriage Ceremony
Flag Raisings
Clock Tower Lighting
Deputation (request to speak at Council)

Permits & Licences

Pet Licences
Building Permits
Portable Sign Permits
Film & TV Permit

Library

Search Hold Renew
Reserve Computer Time
Online Catalogue
Hotspot Lending
Assistive Workstations

Library Apps:

[BookMyne](#)
[Freegal](#)
[Flipster](#)
[Hoopla](#)
[Libby](#)
[Lynda.com](#)
[Mango](#)
[Novelist Plus](#)
[Press Reader](#)
[Tumble Books](#)
[RB Digital](#)

COMMUNICATION & ENGAGEMENT

Your Say Mississauga

311

Social Media

Ping Street

eStore

PUBLIC REALM

Signs
eSigns

Drainage

Ditch Problems
Catch Basin Problems
Culvert or Headwall Problems

Litter and Graffiti

Report Graffiti
Report Litter or Dumping
Abandoned Shopping Carts

Property Concerns

Address Number Not Displayed
Driveway Too Wide
Home Auto Repair Business
Neglected Properties
Nuisance Lighting

Trees

Tree Pruning
Report Dead / Unhealthy Tree
Damaged Trees
Tree Debris Cleanup
New and Replacement Trees
Encroachments
Tree Ownership Inspection
Tree Stump Removal

Parks

Light Burnt Out

Noise

Report Excessive Noise

PLANNING & BUILDING

Development App Status
Enter Development App Comments

Schedule Permit Inspections

Digital Downloads

Order History

Zoning certificates, building permits

Property Compliance Report

My Applications

My Properties

Building Permits App Status

Planning Information Hub

OPEN DATA DIGITAL SERVICES

RECREATION & CULTURE

Recreation

Register for Programs
Book a Tee Time
Rent Ice Time
Rent a Facility

Active Mississauga

Grant Applications

Space Finder

VIRTUAL CAMPUS

WIRELESS MISSISSAUGA

MOBILITY

Parking Tickets

Pay Parking Tickets Online

Online Screening Requests

Transit

MiWay Route Planner

Roads and Sidewalks

Pot holes or road damage
Dead or Damaged Sod
Report Curb Damage
Report Sidewalk Damage

Service Vehicle Complaint

Limousine Complaint
Taxi Complaint
Tow Truck Complaint

Parking

Parking Permits
Parking Complaints
Pay Tickets

TAXES

Tax
Certificates
Tax Receipts
Manage Tax PIN
Electronic Tax Bill

OVER 100 DIGITAL SERVICES

A Smart City



200+

Network Connected
Electronic Signs

1100

Wifi Access
Points

780

Connected
Traffic Signals

50

Environmental
Sensors (2019)

836

Security +
Traffic Cameras

3600

Connected Mobile
City Workers
(Smartphones,
tablets, notebooks)

500

Connected
Buses

850km

Fibre (Public
Sector Network)

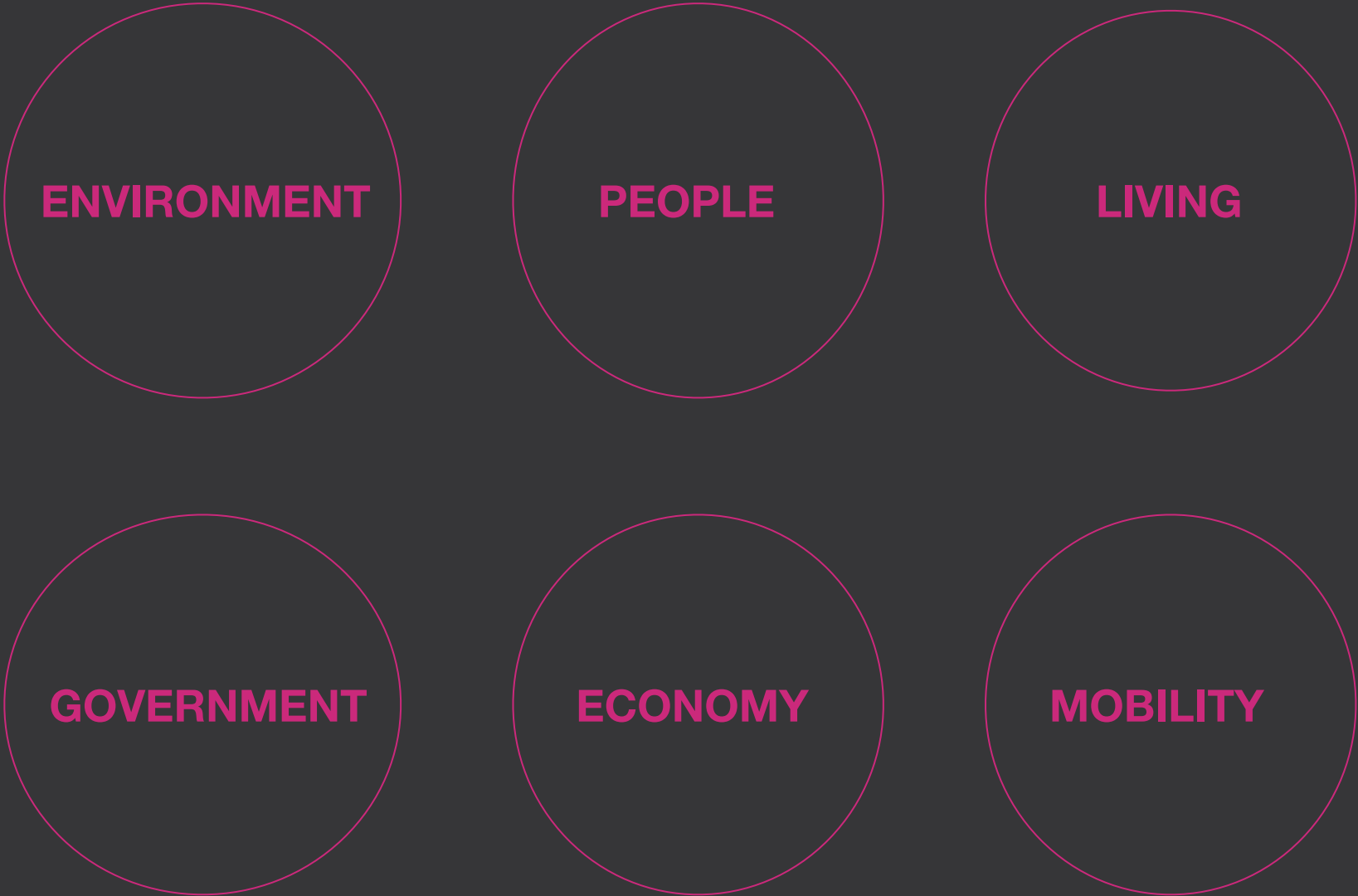
50,000+

Connected LED
Streetlights

60+

Fire Vehicles

Themes.



Framework.

The Smart Cities Master Plan will provide a Framework that will guide the future direction of technology enabled initiatives across the organization.

DIGITAL ECOSYSTEM

Initiatives that span the city like district wifi, automated traffic lights, and LED street lights.

FUTURE READY

Looking at future trends and foresight to plan for the future. This involves pilot projects and research.

LIVING LABS

Neighbourhoods where we test out new projects and invite feedback from the locals.

DATA

We will create a set of data principles with the public that will become Smart City policy. This will be the backbone of smart cities.

COLLABORATIVE

Working with internal and external stakeholders from the community, industry, post secondary and others.

EVERYDAY

These are the good, solid projects we do everyday such as customer service, emergency response and security.

OPEN

Being transparent in our processes and inclusive in our practice.

Living Labs.

A Living Lab is a user-centred, open innovation ecosystem. It integrates research and community engagement in a real world environment. It will operate with public, private, people and institutional partnerships.

We plan on opening Living Labs across Mississauga. The pilots, projects and research in these neighbourhoods will be publicly accessible and we will invite feedback from the users throughout the process. This information will live online and also in the neighbourhoods themselves.



Possible Living Lab Projects.

District Energy	Climate Sensors	iParks	People Counters	Smart Street Furniture	Accessible Streetscapes & Crosswalks	Digital Screens	Connected Parking	Library Kiosks
Digital Public Art	AR For Infrastructure	Public Wifi	Electric Vehicle Stations	Automated Vehicles	Drone Landing Sites	5G Urban Design Infrastructure	Connected Bus Stops	Connected Recreation Facilities
Co-Working Hubs	Laptop and Wifi Lending	Training	Talks, Workshops	Connected BIA's	GIS Mapping	Neighbourhood Specific Open Data	Connected Transit	Connected Intersections
Connected Lightposts	Solar Power	Bike / Car Sharing	Tools / Support Bridging Digital Divide	Mental / Physical Health Tools	Voice First Customer Service Support	Tactical Urbanist Interventions	Connected Security	Energy Storage
Innovation Challenges	Experiential Learning	Experiential Learning	Smart Waste Management	IoT Network	Fibre Network	Public Engagement	Government Services	AR for Planning Projects
Smart Street Signs	Flooding Detection	Public Notices	Noise Detection	Traffic Flow	Traffic Flow	Multi Modal Transport	Urban Agriculture	Digital Engagement

Etc.

Innovation Challenges.

Many smart municipalities provide opportunities to solve local problems and invite innovation through public challenges. With a small amount of money offered as a prize, issues such as localized flooding, developing new uses for an underused park, or other neighbourhood improvements can be opened to the public to encourage engagement and develop innovative solutions.

With our partners at EDO, we will be developing a model for innovation challenges that will both help to solve local issues but also provide opportunities for local entrepreneurs to test out new ideas and connect with the city.



Possible Challenges.

Get ‘Unheard’ Voices Heard	Water Quality	Illegal Dumping	Last Mile Delivery
Internet of Things (IoT)	Wayfinding	Smart Cycling	Localized Flooding
Workplace Hub	Dementia Services	Active Travel	Electric Vehicles
Delivering Affordable Homes	Financial Inclusion & Digital Skills	Loneliness & Isolation	Physical Activity
Public Safety	Voting	Accessibility	

Centre for Civic Curiosity.

This is a public engagement hub where citizens and visitors can come and explore, learn, connect and contribute to the future of their city. The Centre for Civic Curiosity will be a cross disciplinary space, led by Smart City, and be open to internal and external groups that have an interest in ideas that will shape our city.



Possible Topics.

Accessibility	Smart Cities	Foresight	Aging in a Smart City
Future Mobility	Blockchain	Public Wifi	Electric Vehicles
Future of Work	Digital Inclusion	Citizen Centred Data	Drones
Connected Infrastructure	Solar Power	Bike / Car Sharing	Bridging the Digital Divide
Smart Waste Management	Smart Street Signs	Environment	

Possible Activities.

Launch New Projects	Talks	Workshops	Walking Tours
Design Thinking Activities	Art Projects	Pop Up Maker Space	Book Readings
Artist in Residence	Planner in Residence	Technologist in Residence	Community Events
Innovation Challenges	Experiential Learning	Launch Pilot Projects	Training
Public Engagement Activities	Civic Tech Events		

Etc.

SMARTCTV