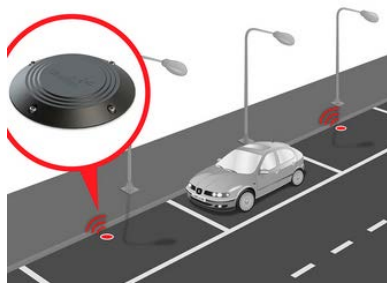# Transportation Innovation Zones
September 2020 Stakeholder Workshops

Report - Part 1 of 4
Process & Participants

toronto.ca/tiz

Prepared by Jason Diceman, Sr. Public Consultation Coordinator

Client: Transportation Services, Strategic Policy & Innovation

October 27, 2020

This report is part one of four files summarizing the TIZ Stakeholder Workshops:

1. <u>Process & Participants</u>
2. Results Summary
3. Results Raw Data
4. Presentation Materials

Contents

Workshop Process Overview

The City of Toronto hosted four online workshops in mid-September 2020 to gather feedback and recommendations from stakeholders on a proposed Transportation Innovation Zone program.

The workshops were advertised as invite-only with invitations send to lists of known stakeholder organizations with related interests. Generally there was only one participant per an organization.

The workshops had a total of 93 participants representing a wide range of organization types and interests (see charts at the right and stakeholder lists in the appendices).

Each workshop consisted of a 2.5 hour webinar, followed by several days of opportunity to participate in an online forum. Each workshop had different participants and a different focus topic title relating to transportation innovation, but with the same content, agenda, presenters and facilitators.

The Webinars were as follows:

1. **Digital Infrastructure, Privacy & Cyber Security** on September 14, 1pm to 3:30pm
2. **Accessibility & Safety** on September 15, 9:30am to noon
3. **City-Building & Environment** on September 15, 1pm to 3:30 pm
4. **Economic Development & Research** on September 16, 9:30am to noon

Chart of Participants by Organization Type and by Interest

Organization Type	Count
Academic Institution	11
Business	15
Government	17
Interest / Advocacy Group	14
Technology Industry	10
Other	12
[no response]	14
Grand Total	**93**

Interest	Count
Accessibility	3
City-Building	7
Data Privacy/Cybersecurity	3
Digital Infrastructure	3
Economic Development	7
Environment	6
Mobility/Transit	17
Research	10
ALL THE ABOVE	15
Other	7
[no response]	15
Grand Total	**93**

The webinars were hosted on the City's Webex Meetings web conferencing platform, and made use of the GroupMap.com online tool for collaborative idea rating on participant questions, suggestions and comments.

In total the workshops received 471 participant-generated questions and ideas, and 3408 ratings on those contributions. Analysis of the results recognized over two dozen points of consensus recommendations and many other insights to inform the TIZ program design and planning.

Workshop evaluations completed by participants recorded consistent high satisfaction with the process.

The complete workshop materials, including this summary report, will be published on the project web page at **toronto.ca/tiz**

Background

What are Transportation Innovation Zones

A Transportation Innovation Zone (TIZ) will be a geographic area within the City of Toronto that hosts flexible testing of new transportation and public realm approaches and technologies.

The first proposed TIZ would be in Exhibition Place starting Fall 2020.

TIZ Concept Developed Through Previous Stakeholder Engagement

The TIZ program concept was first developed in 2018-2019 as part of the **Automated Vehicles Tactical Plan**. This plan was created by the City's Interdivisional Working Group on Automated Vehicles, which is comprised 31 City divisions and agencies, with substantial support from and **consultation** with academic institutions, community stakeholders and non-profits, automotive and technology industry members and associations, international experts, and the public.

The specific proposal for a TIZ in Exhibition Place has been supported as part of Phase 1 of the **Exhibition Place Master Plan (Next Place)**, which has included extensive **public and stakeholder consultation**.

The City has also received public input about the use of digital technology through the City's **Digital Infrastructure Plan**.

In total, these consultation processes recorded the opinions of thousands of residents and hundreds of organizations, giving the City confidence in the core values, principles and general concept for the TIZ program.

Consultation workshops and events for AV Tactical Plan (top, middle) and Next Place (bottom)

Further Public & Stakeholder Consultation for Design of the TIZ Program

Key elements of the TIZ program still need to be discussed with stakeholders and provided for public review and comment. The objectives of the stakeholder workshops were as follows:

- Inform key stakeholders of the proposed TIZ program

- Answer the most common and important questions from stakeholders

- Gather and prioritize advice, suggestions and comments on three key topics:

    1. What kind of innovative transportation technologies / approaches could be tested in the Zones?

    2. What would they like to see in the application process?

    3. What criteria should we use to monitor and evaluate the trials?

- Build trust with stakeholders through a fair, informative, enjoyable and effective workshop process

The results of these workshops will inform the final draft design of the program framework.

Once the TIZ Program Framework is drafted, it will be made publicly available for comment to inform further refinement.

Invitation Process

Invitations to the workshops were sent by email to a list of over City 220 contacts. The first round of invitations were sent on August 11, followed by additional invitation messages sent on August 21 and September 1. See a copy of the original invitation email and the list of invited organizations in the appendix.

Invitees registered themselves through customized Eventbrite web pages that were only advertised through the invitation email, and were not otherwise discoverable or promoted publically.

As part of registration, participants were asked to choose a sessions with the area of focus that best suits their interest:

Table 1 - Workshop Schedule

Focus Topic	Webinar Date and Time
1. **Digital Infrastructure, Privacy & Cybersecurity**	September 14, 1pm to 3:30pm
2. **Accessibility & Safety**	September 15, 9:30am to noon
3. **City-Building & Environment**	September 15, 1pm to 3:30 pm
4. **Economic Development & Research**	September 16, 9:30am to noon

With the aim of having equitable and balanced participation, we generally enforced guidelines of one representative per an organization to participate in any of the four workshops.
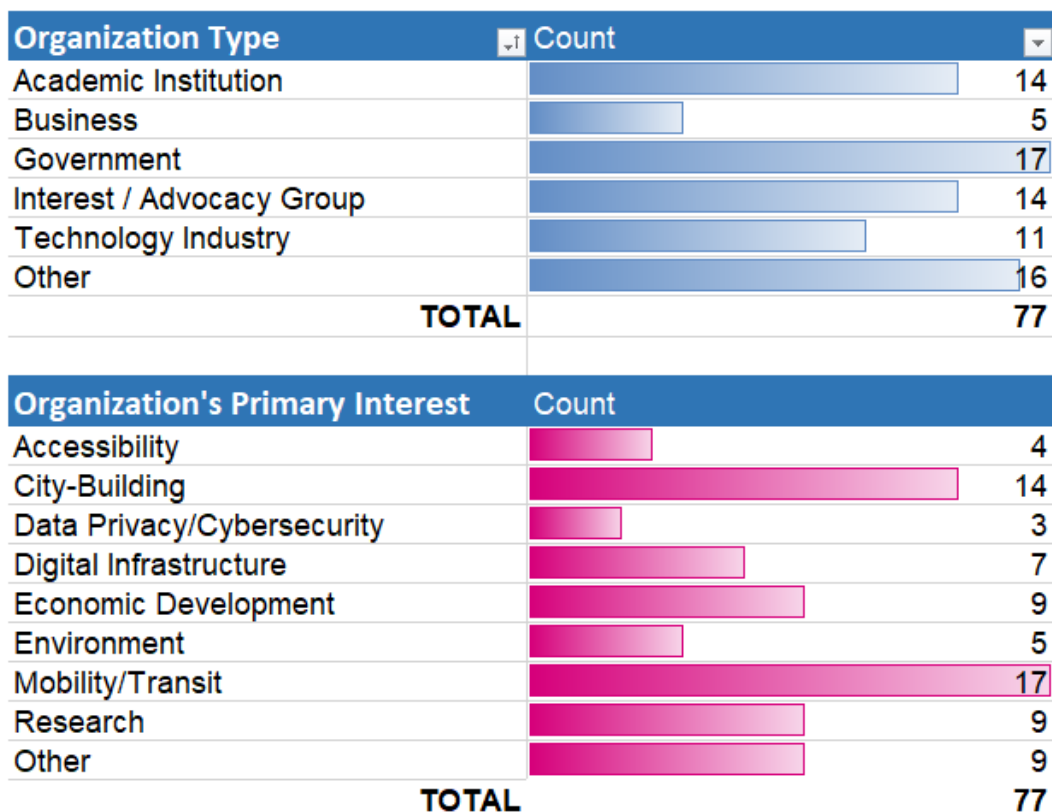
Registration included required questions about the participant's name, role, organization, organization type, and organization's areas of interest. Additional optional questions about participant demographics were also asked, including:

- Age group
- Gender Identity
- Person with a disability
- Race category

On September 3, the project team reviewed who has registered so far. About 70% of respondents answered the optional demographic questions, which allowed the project team to recognize levels of representation such as the following:

- 57% identified as a man and 43% as a woman

- 64% identified as white (compared to 49% in the general population[1])

- 7% identified to be a person with a disability (compared to about 20% of the adult Canadian population[2])

Snapshot of Workshop Registration by Organization Type and Interest (September 3)

Organization Type	Count	
Academic Institution		14
Business		5
Government		17
Interest / Advocacy Group		14
Technology Industry		11
Other		16
TOTAL		**77**

Organization's Primary Interest	Count	
Accessibility		4
City-Building		14
Data Privacy/Cybersecurity		3
Digital Infrastructure		7
Economic Development		9
Environment		5
Mobility/Transit		17
Research		9
Other		9
TOTAL		**77**

Looking at the count of registrants by Organization Type and Organization Interest, with consideration for the workshop topic, the team felt that there was significant under-representation from business, technology industry and organizations focused on accessibility. In response, additional targeted outreach was made to organizations focused on serving people with disabilities, and project partners at the Ontario Centres of Excellence (OCE) also did outreach to invite about 30 more businesses and industry organizations.

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[1] Canada's 2016 census shows 51.5% said they belong to a visible minority. https://www.cbc.ca/news/canada/toronto/census-visible-minorities-1.4371018

["2"] An estimated one in five Canadians (or 6.2 million) aged 15 years and over had one or more disabilities that limited them in their daily activities, according to new findings from the 2017 Canadian Survey on Disability (CSD). https://www150.statcan.gc.ca/n1/daily-quotidien/181128/dq181128a-eng.htm

Tally of Workshop Participants by Organization Type and Organization Interest
(Who's Here Survey Results)

Organization Type	Count
Academic Institution	11
Business	15
Government	17
Interest / Advocacy Group	14
Technology Industry	10
Other	12
[no response]	14
Grand Total	**93**

Interest	Count
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Economic Development	7
Environment	6
Mobility/Transit	17
Research	10
ALL THE ABOVE	15
Other	7
[no response]	15
Grand Total	**93**

(NOTE: An "ALL THE ABOVE" option was added to the Interest options that was not available in the original registration survey)

On September 10, four days prior to the first workshop, all registered contacts were provided with a copy of the presentation slides.

Of the final 102 individuals who registered, 93 participated in the workshops.

Workshop Format & Content

All four webinars followed the same agenda order of activities with relatively the same timing for each activity:

Webinar Agenda

Time Allotted (minutes)	Activity
15	Welcome, Agenda & Orientation
10	Who's Here? - Survey
20	Introducing the TIZ Program Proposal - Presentation
15	Your Questions - Brainstorm & prioritize
25	Staff respond to top questions
10	Break
45	Your Suggestions - 3 main questions. Discussion.
10	How you can get involved. Next Steps

Each workshop had a unique GroupMap online space used for collecting participant contributions.

Following the welcome and land acknowledgement, the lead facilitator (Jason Diceman) explained how to use Webex Meetings, described the meeting format, objectives, agenda, and group norms. *See a copy of the Introductory Slides in the appendices.*

Participants were then invited to use GroupMap to respond to a short survey of "Who's here", which asked three questions:

1. Your name, pronouns, organization, and why you're here
2. Your Organization's Type (select one)
3. Your Organization's Primary Interest (select one)

Participants could immediately view the collective results. *See Who's Here Survey Results in the appendices.*
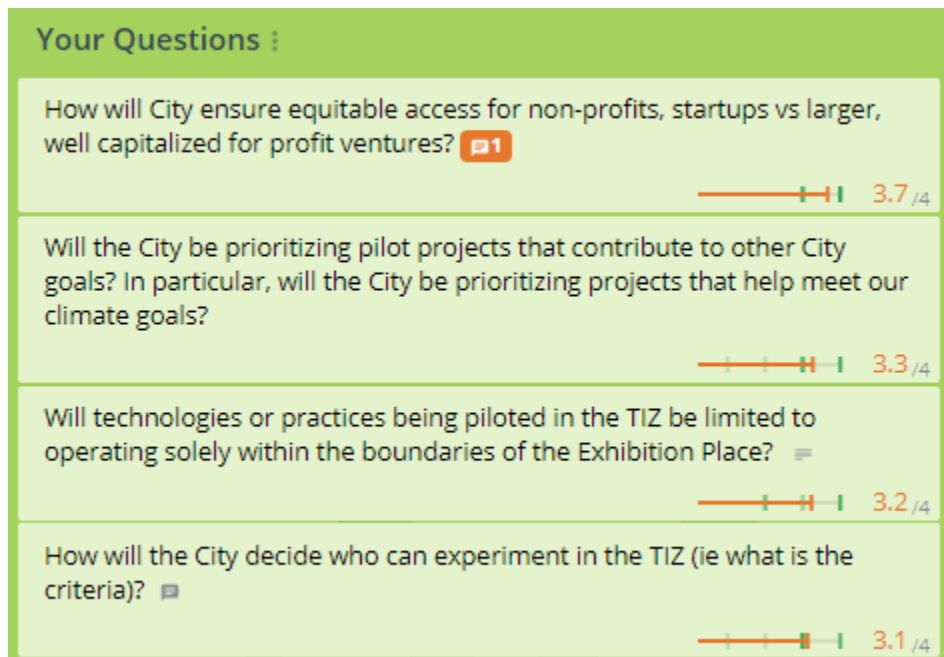
The project manager (Lindsay Wiginton) presented slides explaining the TIZ program definition, benefits, timeline, principles, scope, and approach.

Participants were then invited to use GroupMap to submit their questions about the TIZ program, and then rate each other's' questions on a scale of 0 to 4:

> 0 = Not Important at all

> 1 = Low importance

> 2 = Neutral

> 3 = Important

> 4 = Very important

After about 10 minutes of collecting input, all questions were sorted by the aggregated importance ratings. The project lead then verbally answered questions one by one in priority order for about 25 minutes – generally addressing over 20 questions each session.

Example of Top Results to "Your Questions"

Your Questions ⋮

How will City ensure equitable access for non-profits, startups vs larger, well capitalized for profit ventures? 📑1

3.7 /4

Will the City be prioritizing pilot projects that contribute to other City goals? In particular, will the City be prioritizing projects that help meet our climate goals?

3.3 /4

Will technologies or practices being piloted in the TIZ be limited to operating solely within the boundaries of the Exhibition Place? ═

3.2 /4

How will the City decide who can experiment in the TIZ (ie what is the criteria)? 📑

3.1 /4

After a 10 minute break, the project manager presented some brief slides to give context on the workshop focus questions:

1. What kind of innovative **transportation technologies/approaches** could be tested in the Zones?

2. What would you like to see in the **application process?**

   - Open vs. challenge-based calls for application

   - Rolling vs. fixed application deadlines

   - Who reviews applications?

   - How do we choose topics?

3. What **criteria** should we use to **monitor and evaluate** the trials?
    - What do you want to know about the trials that take place?
    - What tools will we need to measure these criteria?
    - Who evaluates?

Participants were again invited to use GroupMap to submit their suggestions and comments, and to rate each other's contributions on a scale of 0 to 4:

0 = Strong disagreement

1 = Disagreement

2 = Neutral (acceptance)

3 = Agreement

4 = Strong Agreement

Along with encouraging contributions, the workshop team commented on some of the points and invited some informal verbal discussion from participants for further context on their submissions.

In the final step, the project lead explained future opportunities to get involved and expected next steps towards program implementation. Participants were encouraged to continue contributing their ideas and opinions in their workshop's GroupMap and the meeting was adjourned.

Days following the webinars, all registered participants were sent multiple emails inviting them to continue contributing their ideas and opinions in their workshop's GroupMap.

Approximately half of the participants did rejoin the GroupMap a second time, mostly to rate additional ideas, and very few adding additional ideas or comments. The workshop process was completed on September 23, end of day.

Accommodations for accessibility of workshop participation included the following:

- Live professional closed captioning of the verbal audio discussion
- All registered participants were sent a PDF and fully accessible Word Document version of the slides in advance of the workshops
- Participants with visual impairments were provided:
    - Multiple opportunities to contribute verbally during the webinar
    - An accessible text copy of their workshop's GroupMap content for review and feedback i.e. 0-4 rating on ideas
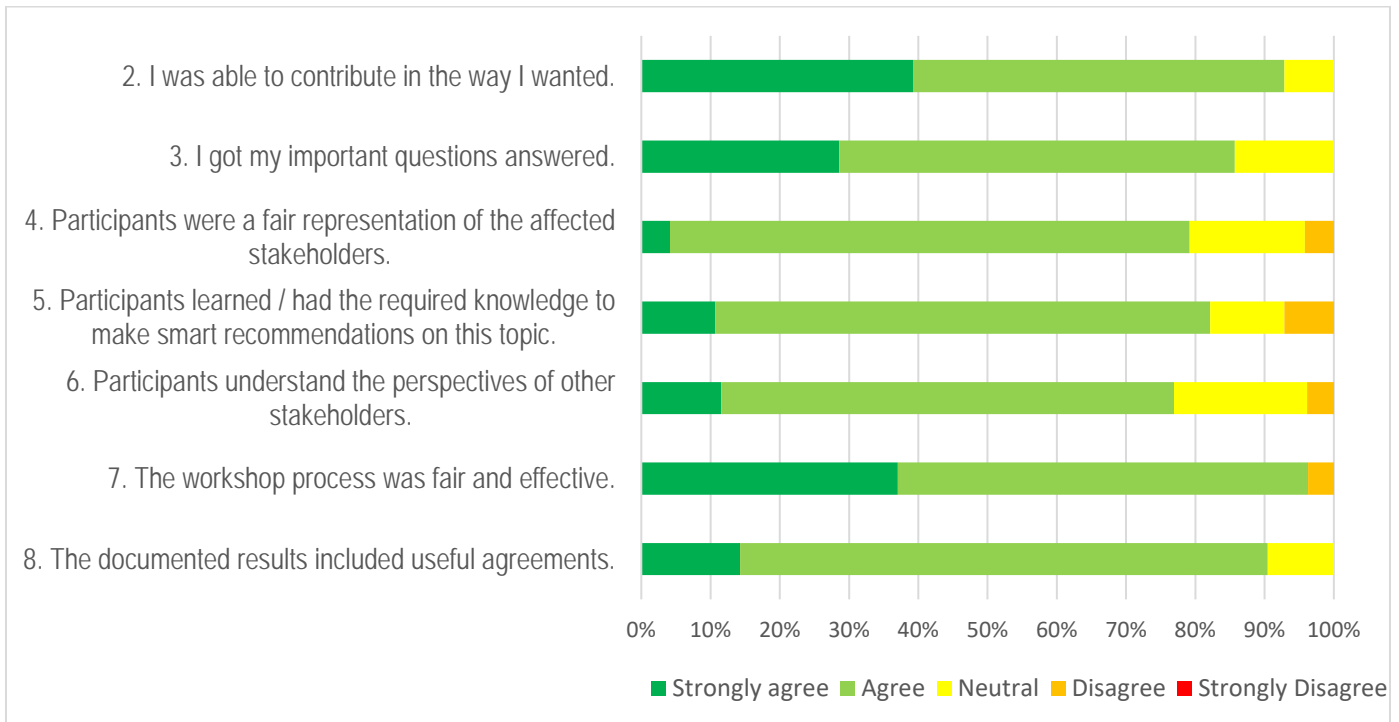   - Service to enter their recorded feedback back into GroupMap on their behalf

The complete workshop materials, including summary reports, will be published on the project web page at toronto.ca/tiz

Participants' Evaluations

On September 25, all participants were sent an email inviting them to complete a "1 minute anonymous workshop evaluation survey". The survey received responses from 28 individuals, recording opinions from between 4 and 10 participants in each of the four workshops.

The overall average agreement score across all seven evaluation statements was 4 out 5.

Workshop Evaluation - Participant Survey Results

Below are the average results for each evaluation statement in order of highest to lowest level of agreement, followed by their agreement score out of five:

- I was able to contribute in the way I wanted: 4.3

- The workshop process was fair and effective: 4.3

- I got my important questions answered: 4.1

- The documented results included useful agreements: 4

- Participants learned / had the required knowledge to make smart recommendations on this topic: 3.9

- Participants were a fair representation of the affected stakeholders: 3.8

- Participants understand the perspectives of other stakeholders: 3.8

Notably, the question on "documented results included useful agreements" received 7 out 28 responses as "not sure". Others had four or less.

In responses to the last open ended question (Please share your comments and suggestions about the workshop format and approach) responses were generally very positive, including:

- The workshop was fantastically facilitated.

- Loved the GroupMap exercise.

- It was a very effective workshop.

- I loved the GroupMap tool (I've never heard of it), … Also thank you for sending the slides ahead of time!

- Very constructive workshop

Some more critical comments included:

- … I sense that the vision of the TIZ was a bit too fuzzy, and the questions being asked too ill-defined at this stage…

- I wish there had been moments to "break out" for discussion in smaller groups…

- It's very hard for public engagement to be effective if those engaged don't know how their input will impact final results, what decisions have already been made, and why they are being consulted. This workshop would have been more effective if, in the introductory statements, it was made very clear what was being asked of us and what issues/areas the city was looking for input on. Further, I found the technology got in the way of participants having productive discussions.

Overall the project team was very satisfied with workshop process and outputs and would recommend a similar approach in the future, possibly with more time for breakout sessions and further clarified context presented.

Appendix 1 – Invitation Message

From: Jonathan Lam
Sent: August 11, 2020 3:26 PM
Subject: Workshop Invite - Transportation Innovation Zones in Toronto

Hello,

We are contacting you as a representative of your stakeholder organization or group with an interest in road safety, accessibility, transportation, environment, digital infrastructure, and/or economic development. We hope you and your friends and family are safe and healthy during this pandemic.

The City of Toronto is hosting online workshops this September about a new Transportation Innovation Zones program, and we need your input. **Please scroll down for RSVP links.**

What are Transportation Innovation Zones?

A Transportation Innovation Zone (TIZ) will be a geographic area within the City of Toronto that hosts testing of new transportation and public realm approaches and technologies. By establishing a controlled public testing site with transparent monitoring and evaluation, we can learn about emerging technologies while supporting local innovation initiatives. Examples of technologies that could be tested include:

- automated passenger or delivery vehicles, snow ploughs and mowers,
- new kinds of pavement materials or paint,
- electric vehicle charging,
- solutions for accessibility for people with disabilities,
- methods for protecting vulnerable road users such as cyclists and pedestrians,
- dynamic signage,
- and more.

The first proposed TIZ would be in Exhibition Place. Other zones may be established in future years.

We Need Your Input

We want to get this program right, and we need your help. Some questions we'd like to discuss with you are:

- What kind of solutions should we prioritize or avoid?
- How do we best ensure protection of privacy?
- What are the top considerations for accessibility and safety?
- What are best practices for management, oversight and evaluation of the program?
- How do we support industry, academia, and stakeholders to participate?
- How do we ensure measurable, ongoing public benefit from this program?

Input from stakeholders and the public will help guide City staff in designing the program.

RSVP - Register Now to Request Your Space in a Workshop

These "workshops" will be a series of three online events and activities:

1. A 2.5-hour interactive webinar (virtual meeting with break-out sessions & idea rating tools)
2. An online idea forum (participate on your own schedule, over several days)
3. A final 1-hour virtual meeting (dates TBD).

There will be four different date/times for the introductory interactive webinars, each with a different focus relating to transportation innovation, but with the same content and questions. As part of registration you will be asked to choose the area of focus that best suits your interest:

Focus topic	First webinar date and time
1. **Digital Infrastructure, Privacy & Cybersecurity**	September 14, 1pm to 3:30pm
2. **Accessibility & Safety**	September 15, 9:30am to noon
3. **City-Building & Environment**	September 15, 1pm to 3:30 pm
4. **Economic Development & Research**	September 16, 9:30am to noon

We recognize that some topics of discussion will cross themes, and we are open to all suggestions in each workshop, no matter the area of focus.

Webinar slides will be shared in advance, including simple text file versions. The webinars will be hosted on Webex with professional closed captioning. The online forum will use GroupMap.com with accommodations for participants with visual impairments. The participant list, content and results of workshops will be made public.

This event is invite-only. Please forward to the best person who can participate and represent your organization.

Visit our Eventbrite registration links below to request your spot:

1. **Digital Infrastructure, Privacy & Cybersecurity**
2. **Accessibility & Safety**
3. **City-Building & Environment**
4. **Economic Development & Research**

Please note that spaces in each workshop are limited. Your registration will be confirmed by the project team after reviewing registrations, with the aim of having equitable and balanced participation. You may be asked to join a different date and time.

You can read more about the Transportation Innovation Zone program on this web page: toronto.ca/tiz.

Details for how the general public can also provide input will be published soon.

For any questions about the workshops, please contact:

Jason Diceman
Senior Public Consultation Coordinator
Telephone: 416-338-2830
Email: jason.diceman@toronto.ca

City of Toronto Transportation Innovation Zones Workshop Team

Appendix 2 – Invitation List

214 associations sent email invitations:

8-80 Cities
Accelerator Centre (Waterloo)
Accessible taxicab association of Ontario/ Royal Taxi
Airmatrix
Alliance for Equality for Blind Canadians (AEBC)
Alliance for Equality of Blind Canadians
APMA - Automotive Parts Manufacturers' Association
Audi - Volkswagen Canada
Automotive Parts Manufacturers Association
Automotive Policy Research Centre
Autonomous Transportation Canada
Be.Build.Brand. (Pre-incubator, TCHC)
Black Business and Professional Association (BBPA)
BMW Canada
Bob Rumball Canadian Centre of Excellance for the Deaf
Broadbent Institute
Brookfield Institute for Innovation and Entrepreneurship
BuildToronto
BYD Canada
Canada Post
Canadian Civil Liberties Association (CCLA)
Canadian Council of the Blind, Toronto Chapter
Canadian Council on Rehabilitation and Work
Canadian Hearing Society
Canadian Hellen Keller Centre
Canadian Institute for the Blind
Canadian Mental Health Association
Canadian National Institute for the Blind
Canadian Urban Institute
Canadian Urban Transit Association (CUTA)
Canadian Urban Transit Research & Innovation Consortium (CUTRIC)
Canadian Vehicle Manufacturers' Association
Carleton University, Critical Media and Big Data
Centennial College - Applied Research, Innovation, and Entrepreneurship Services
Central Toronto Youth Services
Centre for Addiction/Mental Health
Centre for Independent Living in Toronto
Centre for International Governance Innovation (CIGI)
Centre for Social Innovation
CGLCC - Canada's LGBT+ Chamber of Commerce
ChargePoint
CIO Strategy Council
City of Calgary - mobility innovation
City of Mississauga, Smart Cities Project Lead
City of Montreal - mobility innovation policy
Civic Action
Civic Tech TO
Clean Air Partnership
Code for Canada
Collision Conference
Community Innovation Lab (Durham)
Confederation of Resident and Ratepayer Associations in Toronto (CORRA)
COSTI
Council for Canadian Urbanism

Culture Link Settlement and Community Services
Curbflow
Curbside Cycle
Cycle Toronto
Daily Bread Food Bank
Daniels School of Landscape Architecture
DataH/Synkar
David Suzuki Foundation
Deloitte, Head of Data
Digital Justice Lab
Disability Awareness Consultants
Disability consultant
Durham College - Applied Research Business Development
Durham Region
eCAMION
Electric Mobility Canada
Element AI
Enterprise Carshare
Environmental Defense
EV Society
Evergreen
Evergreen/Future Cities
"Faculty of Design/Inclusive Design Institute
OCAD University"
Faculty of Information Studies, U of T
FCA Canada
Federation of Canadian Municipalities
Financial District BIA
FleetCarma
FONTRA (Federation of North Toronto Residents Associations)
Ford Canada
Futurpreneur (Funding, Toronto)
Gathering Place Drop-in: Toronto Council Fire Native Cultural Centre
George Brown College - Centre for Arts, Design & Information Technology
GM
Green Communities Canada
Green Infrastructure Ontario Coalition
HELIX at Seneca College (Finch Ave, students)
Honda
IMAGINATION CATALYST - OCAD CENTRE FOR EMERGING ARTISTS AND DESIGNERS
Independent Electricity System Operator (IESO)
Indigenous Centre for Innovation and Entrepreneurship
Information and Privacy Commissioner of Ontario
Infrastructure Canada
Innovation Centre - U of T
Interlocking Concrete Pavement Institute (ICPI)
ISED - Automotive, Transportation and Digital Technology Branch
Kia
LEAF
League of Innovators (Youth, national)
Learning Disabilities Association of Toronto District
LGBT Youth-Line
MaRS Discovery District
Mars Institute
Martin Prosperity Institute
McMaster University Automotive Resource Centre (MARC)
Mercedes-Benz
Miziwe Biik
MTO Intelligent Transportation Systems Program
Multiple Sclerosis Society

National Research Council
Native Child and Family Services
New Flyer Industries
NEXTCanada (Youth, AI, national)
Nissan Canada
OGRA - Ontairo Good Roads Association
Ontario Centres of Excellence - AVIN
Ontario Federation of Cerebral Palsy
Ontario Good Roads Association
Ontario Government
Ontario Ministry of Economic Development, Job Creation and Trade - Automotive Unit
Ontario Ministry of Economic Development, Job Creation and Trade - Production Industries Unit
Ontario Public Transit Association
Ontario Traffic Council
Open Data Institute
Our Greenway
Pantonium
Parkdale Centre for Innovation
Partners in Project Green
Pembina Institute
Plug'n Drive
Porsche Canada
Province of Ontario, Chief Privacy Officer and Archivist
Purolator
Region of Durham - Economic Development
Roundtrip
Ryerson City Building Institute
Ryerson University – Startmeup Ryerson
Ryerson University, School of Disabilities Canada
Ryerson, Privacy by Design Centre of Excellence
Ryerson, TransForm
Scarborough Business Association
Share the Road Cycling Coalition
Sheridan College, Mechanical and Electrical Engineering Technology
Social Planning Toronto
Spinal Cord Injury Ontario
Tech Girls Canada
Tesla Motors
TinyMile
Toronto Association of BIAs (TABIA)
Toronto Atmospheric Fund
Toronto Catholic District School Board
Toronto Centre for Active Transportation
Toronto Climate Action Network
Toronto District School Board
Toronto Environmental Alliance
Toronto Global
Toronto Global
Toronto Green Community
Toronto Industry Network
Toronto Region Board of Trade
Toronto Rehab Institute - StreetLab - UHN
Toronto Youth Cabinet
Toronto Youth Environment Council
Transport Action Ontario
Transport Canada Innovation Centre
Trapeze
TRCA - Sustainable Technologies Evaluation Program
TTC Riders
U of T - Department of Civil Engineering

U of T - Department of Human Geography
U of T - Mississauga Centre for Urban Environments
U of T - Privacy and Security Institute
U of T - School of Cities
U of Waterloo - WAVE Lab
Uber / University of Toronto
Uber ATG
United Way
University of Toronto (Mississauga), I-CUBE (startup support)
University of Toronto (Scarborough), The Hub (startup support)
University of Toronto, civil & minteral engineering
University of Toronto, Civil and Mineral Engineering
University of Toronto, Civil Engineering, Infrastructure
University of Toronto, Department of Human Geography
University of Toronto, iCity-CATTS
University of Toronto, Innovation Policy Lab
University of Toronto, Institute for Aerospace Studies
University of Toronto, School of Cities
University of Toronto, UTTRI
University of Waterloo, Artificial Intelligence
University of Waterloo, WATCAR
University of Waterloo, Waterloo Commercialization Office
University of Windsor, Intellectual Property Commercialization and Strategy
University of Windsor, Law
UOIT - AVIN Project Lead
UPS
Urban Land Institute - toronto
UTTRI - Frieght
UTTRI - Transit
Via
Volvo
Walk Toronto
Waterfront for All
Waterfront Toronto
WSP
YMCA
York University Civil Engineering, Green Infrastructure
York University, Engineering
York University, Urban Planning
Youth Social Innovation Capital Fund (toronto)
Zown

Appendix 3 – "Who's Here" Participant Survey Results

Workshop #	Name	Q1: Your name, pronouns, organization, and why you're here	Q2: Your Organization's Type (select one)	Q3: Your Organization's Primary Interest (select one)
w1	Brian Robinson	Brian Robinson, Honda Canada, we have an interest in Cybersecurity and regulations	Other	Other
w1	Chris Shum	Chris Shum (he/him) Autonomous Vehicle Research and Intelligence Lab (AVRIL) University of Waterloo	Academic Institution	Research
w1	Daniella Marcone	Daniella, She/her, TCDSB To learn more about transportation and become more informed on anything new that can help with active school travel planning	Government	Mobility/Transit
w1	David Chant	David Chant, Mr., Ontario Ministry of Transportation, Interest in AVs, CVs, Innovation, Transportation and Land Use planning, learn about TIZ progress	Government	Mobility/Transit
w1	Dbujak	Dania she CCRW Cyber Security	Other	Economic Development
w1	JohnD			
w1	Grace Hiltz	Grace Hiltz - Pantonium - I am here to learn more about TIZ and how it's projects can help to make transit in our city more accessible, more convenient	Technology Industry	Mobility/Transit
w1	Greg Sgro	Greg Sgro, Fortran Traffic Systems	Business	Mobility/Transit
w1	Jcourt	Jennifer Court (she/her). I'm the Executive Director of the Green Infrastructure Ontario Coalition.	Interest / Advocacy Group	Environment
w1	Judy Farvolden	Judy Farvolden, she/her, UTTRI, supporting Transportation Services with researchers	Academic Institution	Research
w1	Keith Jansa	Keith Jansa, him, CIO Strategy Council. Help wherever I can.	Other	ALL THE ABOVE
w1	Mara Bullock	Mara Bullock, she/her, WSP - have spent my career advocating for the use of technology to support operations!	Business	ALL THE ABOVE
w1	Martinn	Martin Nathanson, PaxgridCdn Inc. Provider of standards-compliant V2X infrastructure operations and management systems	Technology Industry	Digital Infrastructure
w1	Maureen	Maureen Shuell She/Her To learn about the TIZ and provide input	Interest / Advocacy Group	ALL THE ABOVE
w1	Pwatkins	Peter Watkins QA Consultants Participation in the Toronto Innovation Zone	Technology Industry	Data Privacy/Cybersecurity
w1	Roy Tal	Roy Tal, Visual Defence Inc., Learn about TIZ	Technology Industry	Digital Infrastructure
w1	Ryan Lanyon	Ryan Lanyon, City of Toronto, here to listen to what the participants have to say and act as a resource when necessary	Government	ALL THE ABOVE

w1	Srajvanshi	I am Sanchita from Evergreen. I am here to learn more about innovation transportation and its contribution towards accessible city building	Other	ALL THE ABOVE
w1	T. Alford Duguid	Tashi Alford-Duguid, he/him, Canadian Civil Liberties Association, learn and offer input on privacy and civil liberties issues	Interest / Advocacy Group	Data Privacy/Cybersecurity
w1	Tporter	Tony Porter, him, Exhibition Place and the lead for the TIZ.	Government	ALL THE ABOVE
w2	Alessia Zarzani	Alessia Zarzani, Division of plans and policy, Ville de Montréal, interesting of the TIZ	Government	City-Building
w2	Barry Pekilis			
w2	Cindy	Cindy De Graaff, (she,her) Ontario Federation for Cerebral Palsy Making city accessible for individuals for people with physical disabilities	Interest / Advocacy Group	Accessibility
w2	Donmez	Birsen Donmez, She/Her, University of Toronto, Mechanical and Industrial Engineering Department I am here because I have research interests related to driver and vulnerable road user behaviors and safety. I would like my research to have more practical implications. Connections such as this with the City of Toronto would help me do that.	Academic Institution	Research
w2	Fahad Khan	Fahad Khan, He, City of Toronto, I work closely with Lindsay on the TIZ project	Government	Mobility/Transit
w2	James	James Delamere, Stinson Owl-Lite. I am here to see how I can participate in the innovation zones and to understand the process the city is undertaking.	Business	ALL THE ABOVE
w2	Jana Chu	Jana Chu Ministry of Transportation To learn about the safety and accessibility considerations for the TIZ		
w2	Janelle Malo	Janelle, she/her, Transport Canada, to listen and learn	Government	Other
w2	Jean Roy	Jean Roy from the Toronto Industry Network. Many of our industry members generate a large quantity of goods movement. I want to provide information on the safety related to truck transportation.	Business	Other
w2	Joelle Girgis	Joelle Girgis (she/her) University of Toronto My thesis research focuses on driver attention/distraction toward vulnerable road users. Thus, this webinar is of interest and relevance to me.	Academic Institution	Research
w2	Kristen Evers	Kristen Evers she/her Toronto District School Board Interest in traffic safety as it relates to school travel	Academic Institution	Other
w2	Mahammad Waliul (on-behalf)			
w2	Melissa			
w2	Mohammad Islam	Danforth study	Interest / Advocacy Group	

w2	Patrick Rooney	Patrick Rooney, he/him, MS Society of Canada, Ontario Division, joining today because I'm interested in learning more about the city's plans for transportation innovation in the disability space and as an interested Torontonian	Interest / Advocacy Group	Accessibility
w2	Pierre Berte	Pierre Berté Business development Innovations Colas Canada Inc. We build roads and smart and connected road, dynamic signage	Business	Mobility/Transit
w2	Saleem	Saleem Ahmad, Zown Here to understand the impact of covid on access to mobility services	Business	Mobility/Transit
w2	Sherin Abdelhamid	This is Sherin Abdelhamid, the Technical Advisor of the Autonomous Vehicle Innovation Network (AVIN) with OCE. I'm working with the City of Toronto on the TIZ project.	Government	Economic Development
w2	Ssutherland	Steve Sutherland, CrossWing Autonomous Transportation Systems Inc. - I've been following the TIZ and CNE redevelopment plans (with respect to inclusive transportation) for 12+ months and working to develop a deeper perspective on inclusive transit.	Technology Industry	Mobility/Transit
w2	W Murphy	Wendy Murphy, SCI Ontario, to understand accessible transportation but more importantly the Accessible Parking Program as it stands today	Government	Accessibility
w2	Yin Brown	Alliance for Equality of Blind Canadians	Interest / Advocacy Group	
w3	Alex	Alexandra McCalla - AirMatrix - shape the future of transportation in our city skies for everyone	Technology Industry	Digital Infrastructure
w3	Benjamin Loucks	Benjamin Loucks, he/him, HDR Corporation Learn what the City is doing in this space, how we can partner with the City to help make it a leader in transportation innovation	Business	ALL THE ABOVE
w3	Carlene Campbell			
w3	Dan Ruby	Dan Ruby, he, OCE, AVIN program	Government	Economic Development
w3	David Breveglieri	David Breveglieri, he, City of Mississauga, to contribute and learn about how innovative transportation solutions contribute to city building	Government	City-Building
w3	Ehennessey	Erin Hennessey, (She/Her), Toronto Global, here to learn about the various initiatives in the TIZ	Government	Economic Development
w3	Emily			
w3	Eric Miller	Eric Miller University of Toronto	Academic Institution	Research
w3	Iklesmer	Ian Klesmer (he/him) The Atmospheric Fund	Government	Environment
w3	J. Hill			
w3	Jeffrey Gorman	Jeff, He/Him, Trans-Plan, Interested in new developments in transportation as I work in transportation engineering	Business	Mobility/Transit

w3	Jen Hill	Jenny Hill, she/her University of Toronto/Landscape Architecture Consultant I'm hear to learn and to contribute what I can in the realm of Green Infrastructure and my experiences as a European.	Other	Environment
w3	Jenglish	Jonathan English, he/him, Toronto Region Board of Trade, want to see how this work aligns with our work	Interest / Advocacy Group	ALL THE ABOVE
w3	Jmcghee	Jennifer McGhee, Toyota Canada Inc. As an automotive OEM, we are interested in understanding transportation in the city of Toronto and where it may be headed.	Business	Mobility/Transit
w3	Jonspencer	Jonathan Spencer, Chair, pointA	Interest / Advocacy Group	Mobility/Transit
w3	Josh Tzventarny			
w3	Krishnan Rajasooriar	-Kris Rajasooriar -He -Toronto Catholic District School Board -Interested in planning the future built form of our great city.	Academic Institution	City-Building
w3	Lkaleva	Leena Kaleva, K+S Windsor Salt Ltd., Distribution Manager Appreciate the ability to contribute. Looking forward to building city and making it accessible for large transportation trucks/deliveries.		Other
w3	Maddye	Maddy Ewing, she/her, Pembina Institute, I would like to learn more about what the City of Toronto plans on doing with the Transportation Innovation Zones	Interest / Advocacy Group	Environment
w3	Michael Longfield	Michael Longfield (he/him) Cycle Toronto Discuss the future of transportation and building a better Toronto.	Interest / Advocacy Group	Mobility/Transit
w3	Michael Noble	Michael Noble (Him), City of Toronto, to learn about and contribute my ideas to the planning for the TIZ	Government	City-Building
w3	R. Sahukhal	Rakesh Sahukhal, He, TROES Corp, and to learn more about the innovation in transportation sector here in Ontario	Technology Industry	Research
w3	Rbowers	Robert Bowers, P.Eng. Interlocking Concrete Pavement Institute See how we can contribute to the TIZ	Other	City-Building
w3	Ross Mckenzie	Ross McKenzie University of Waterloo Centre for Automotive Research (WatCAR)	Academic Institution	Research
w3	Sbuchanan	Sarah Buchanan, she/her, Environmental Defence, here to talk about how we can remove barriers to low carbon mobility options that work in an urban environment	Interest / Advocacy Group	Environment
w3	Scott Watson	Scott Watson Canada Post Contribute towards new transpiration initiatives that help the City and identify some potential synergies with the CPC.	Business	City-Building
w3	Sdelara	Sergio De Lara (He) MaRS Solutions Lab (part of Discovery District) Learn and Inform	Other	ALL THE ABOVE
w3	Sean	Sean Hertel (He/Him). Professional planner and academic. Here b/c I'm involved in transportation planning and transit-oriented development projects in a consulting role, teach on the subject, and conduct scholarly research in the area with a particular emphasis on access and equity.	Other	City-Building
w3	Shadi Hagag	Shadi Hagag, (he/him) @Trans-Plan. @AssetCity - Digital road infrastructure. Keen to help making the City a leader in the Future of	Business	ALL THE ABOVE

		Transportation. Traffic planning and digital infrastructure.		
w3	Simon Zhang	Simon Zhang IESO	Other	Other
w3	Suzanne Goldberg	Suzanne Goldberg, she/her, ChargePoint	Technology Industry	Mobility/Transit
w3	Usman Khan	Usman T Khan he/him/his York University - Civil Engineering Interested in city building & the environment, and its intersection with TIZ Interested in research and role of academia in city building	Academic Institution	Research
w3	Yverlinden	Yvonne Verlinden, she/her, The Centre for Active Transportation at Clean Air Partnership. Here to think about how new ways of moving can make our city greener, healthier, more efficient and safer	Other	Environment
w4	Bkirk	Barrie Kirk CAVCOE Very interested in the ecosystem	Technology Industry	Other
w4	Elnaz Abotalebi			
w4	Gforman	Gideon Forman, he, him, David Suzuki Foundation. Here to help the city improve public transit and bike infrastructure.	Interest / Advocacy Group	Mobility/Transit
w4	Henna Agha	Henna Agha (she/her) - Team Lead, Automotive Industry Branch, Ontario Ministry of Economic Development, Job Creation and Trade. To learn about TIZ initiatives	Government	Economic Development
w4	Ignacio	He/him Ignacio Tartavull from Tiny Mile Interested to hear about delivery robots regulations	Business	Mobility/Transit
w4	Jamie			
w4	Jdel	Julian Del Bel Belluz (he/him/his) Leading Mobility Personal and professional curiosity	Business	Mobility/Transit
w4	Jkirchner	Jeff Kirchner, Esri Canada	Technology Industry	ALL THE ABOVE
w4	Jwosnick	Jordan Wosnick (he/his) from the Applied Research and Innovation Centre at Centennial College. Centennial has a very large School of Transportation, and we are interested in applied research opportunites in this area.	Academic Institution	Research
w4	Martin Lord			
w4	Mauro Rossi	Mauro Rossi (he/him) Communitech Learn more about the TIZ and explore the various use cases for participants to utilize the zone to come up with innovative transportation solutions.	Other	Data Privacy/Cybersecurity
w4	Owen Casselman	Owen Casselman. He/him. Ontario Ministry of Economic Development, Job Creation and Trade. To learn more about what	Government	Economic Development

w4		the City is doing on transportation innovation and how it aligns with the province's efforts.		
w4	Peter Miasek	Peter Miasek - Transport Action Ontario-	Interest / Advocacy Group	Mobility/Transit
w4	Rnathwani	Riyaz Nathwani, Deloitte, Learn more about the program and contribute thoughts/ideas based on personal expeirence	Business	ALL THE ABOVE
w4	Sam	Sam McGarva (she/her), Civic Tech, I'm here because I'm excited about the role the public can play in the innovation zones, and especially how Civic Tech might be able to contribute to this.	Other	ALL THE ABOVE
w4	Sonia Salomone	Sonia Salomone, She/Her, Durham Region, Interested in understanding how to collaborate on transportation innovation across the GTA. Representing multiple internal functions (economic devleopment, transit, transportation planning, strategic initiatives)	Government	Economic Development
w4	Ssud			
w4	Ted Graham	Ted Graham General Motors I work with startups, academia, cities, and incubators to help solve issues related to congestion, crashes and emissions	Business	ALL THE ABOVE
w4	Yiyang Zhu	Yiyang Zhu (Claire), I'm an undergraduate student from UofT urban studies major. I'm currently having an internship with the Transportation Innovation Department with Lindsay. I'm here to know more about what's going on now, and some different perspectives from all other experts.	Academic Institution	Research