Getting to Transit-Oriented Communities: Virtual Walkshop

OCTOBER 2, 2020
<table>
<thead>
<tr>
<th>GROUP 1</th>
<th>GROUP 2</th>
<th>GROUP 3</th>
<th>GROUP 4</th>
<th>GROUP 5</th>
<th>GROUP 6</th>
<th>GROUP 7</th>
<th>GROUP 8</th>
<th>GROUP 9</th>
<th>GROUP 10</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adaoma Patterson</td>
<td>Bob Bjerke</td>
<td>Adnan AbouAlway</td>
<td>Albert Moreno</td>
<td>Aidad Mafinezam,</td>
<td>Andre Brumfield</td>
<td>Blaime Lucas</td>
<td>Aiden Sweeney</td>
<td>Adrianna Spinosa</td>
<td>Devin Ramphel</td>
</tr>
<tr>
<td>Andrew Charles</td>
<td>Brennan Carroll</td>
<td>Amanda Tapp</td>
<td>Amanda Leard</td>
<td>Andria Oliveira</td>
<td>Craig Ruttan</td>
<td>Catherine Truong</td>
<td>Anne Golden</td>
<td>Allan Parsons</td>
<td>Evan Beck</td>
</tr>
<tr>
<td>Heidi Calder</td>
<td>Chris Van De Water</td>
<td>Amit Gupta</td>
<td>Andrew Macklin</td>
<td>Anna Madeira</td>
<td>David Stowe</td>
<td>Cherylly Case</td>
<td>Barnes Brett</td>
<td>Andrew McNeill</td>
<td>Fabio Crespin</td>
</tr>
<tr>
<td>Jeff Humble</td>
<td>Colin Chung</td>
<td>Bernadette Sniatenshuk</td>
<td>Andy Huang</td>
<td>Bruce McCall-Richmond</td>
<td>Herbert Sinnock</td>
<td>Clare Barnett</td>
<td>David Di Iorio</td>
<td>Bindu Shah</td>
<td>Jan Adegeest</td>
</tr>
<tr>
<td>Joe Svec</td>
<td>Dave Kapil</td>
<td>Beth Gltner</td>
<td>Anna-Maria Kaneeff</td>
<td>Derek Goring</td>
<td>Jason Tamming</td>
<td>Daniel Haufschild</td>
<td>Grace Hiltz</td>
<td>Carlos Salazar</td>
<td>Jon Meyers</td>
</tr>
<tr>
<td>Maggie Wang</td>
<td>David Vanderberg</td>
<td>Daniella Balasa</td>
<td>Chris Lafleur</td>
<td>Jani Molis</td>
<td>John Simone</td>
<td>Eric Miller</td>
<td>Kelly Stahl</td>
<td>Cecilia Pye</td>
<td>Kanwal Aftab</td>
</tr>
<tr>
<td>Mark Pajot</td>
<td>Denise McClure</td>
<td>Emily Irvine</td>
<td>Christopher Heike</td>
<td>John Kanellopoulos</td>
<td>John Yeh</td>
<td>Eric Pulinski</td>
<td>Kevin Freeman</td>
<td>Christina Beja</td>
<td>Ken Greenberg</td>
</tr>
<tr>
<td>Matti Siemiatycki</td>
<td>Doug Rieger</td>
<td>Harim Labuschagne</td>
<td>Dan Watchom</td>
<td>Judy Farvolden</td>
<td>Kelly Graham</td>
<td>Harinder Malhi</td>
<td>Madhu Debnath</td>
<td>Danica Quinn</td>
<td>Luckshanan</td>
</tr>
<tr>
<td>Natasha Rea</td>
<td>Hashim Hamdani</td>
<td>Hazelmae Valenzuela</td>
<td>Emma West</td>
<td>Liliana Da Silva</td>
<td>Laura Lukskik</td>
<td>Heather Watt</td>
<td>Mark Emery</td>
<td>Daryl Vannoonse</td>
<td>Michael Bennington</td>
</tr>
<tr>
<td>Philip Franze</td>
<td>Joey Falvo</td>
<td>Ken Chew</td>
<td>Iwona Frandsen</td>
<td>Malik Majeed</td>
<td>Manni Chauhan</td>
<td>Henrik Zbogar</td>
<td>Martin Bohl</td>
<td>Dermot Sweeney</td>
<td>Michael Gagnon</td>
</tr>
<tr>
<td>Pitsa Davey</td>
<td>Kelly Henderson</td>
<td>Kristina Kanuff</td>
<td>Kate Collignon</td>
<td>Marjan Lahuis</td>
<td>Nada Almasri</td>
<td>Jonathan English</td>
<td>Michael Bissett</td>
<td>Heather Tremain</td>
<td>Mirella Palemo</td>
</tr>
<tr>
<td>Rachael MacCleery</td>
<td>Matt Norris</td>
<td>Lawrence Kuk</td>
<td>Kathy Schofield</td>
<td>Mathieu Goetke</td>
<td>Quentin Hanchard</td>
<td>Kiran Marok</td>
<td>Michael Georgie</td>
<td>Jonas Tornblom</td>
<td>Miriam Gurza</td>
</tr>
<tr>
<td>Robert Wright</td>
<td>Matthew Suniano</td>
<td>Lina Al-Dajani</td>
<td>Marie Worobec</td>
<td>Matthew Aymar</td>
<td>Rajat Gulati</td>
<td>Lars Henrikson</td>
<td>Neil Jain</td>
<td>Keegan Muldoon</td>
<td>Parvati Nampoothiri</td>
</tr>
<tr>
<td>Sarah Mitchell</td>
<td>Michael Collents</td>
<td>Marca Arsenault</td>
<td>Michelle Lui</td>
<td>Paul Angelane</td>
<td>Ranelyn Harder</td>
<td>Nicole Hanson</td>
<td>Paul Hess</td>
<td>Melinda Yegrendran</td>
<td>Nelson Cadete</td>
</tr>
<tr>
<td>Stewart Chisholm</td>
<td>Nash Damer</td>
<td>Nicholas Brandon</td>
<td>Michelle McCollum</td>
<td>Peter Paravaios</td>
<td>Richard Joy</td>
<td>Patrick Tumer</td>
<td>Peter Smith</td>
<td>Michael Hoy</td>
<td>Peter Miasek</td>
</tr>
<tr>
<td>Stuart Craig</td>
<td>Patrick Ameral</td>
<td>Patrick Miller</td>
<td>Michelle Piotrowski</td>
<td>Roman Kuczyrski</td>
<td>Robyn Brown</td>
<td>Randy Gladman</td>
<td>Rick Jones</td>
<td>Minhas</td>
<td>Rowan Mills</td>
</tr>
<tr>
<td>Tuomas Hakala</td>
<td>Phil Litowitz</td>
<td>Roger Dacunha</td>
<td>Paul Wirch</td>
<td>Scott McIntyre</td>
<td>Shonda Wong</td>
<td>Richard Forward</td>
<td>Sally Nicholson</td>
<td>Raymond Lee</td>
<td>Sameer Akhtar</td>
</tr>
<tr>
<td>Vivian Kwok</td>
<td>Richard Sommer</td>
<td>Sach Jain</td>
<td>Sarah Chan</td>
<td>Shawn Buble</td>
<td>Steve Bodrug</td>
<td>Sarah Powell</td>
<td>Sandra Patano</td>
<td>Steven Dickson</td>
<td>Shalini da Cunha</td>
</tr>
<tr>
<td>Yi Hong</td>
<td>Tim Cane</td>
<td>Sam DeCaria</td>
<td>Todd Latham</td>
<td>Sylvia Roberts</td>
<td>Sonia Dhir</td>
<td>Thais Osso</td>
<td>Victoria Mountain</td>
<td>Walijullah Memon</td>
<td></td>
</tr>
<tr>
<td>Vlad Stritesky</td>
<td>Werner Kuemmling</td>
<td>Tom Kanellopoulos</td>
<td>Yvonne Yeung</td>
<td>Yvonne Osei</td>
<td>Mathew Da Silva</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gurpreet Malhotra</td>
<td>Yvonne Osei</td>
<td>Mathew Da Silva</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Before We Start

- Audience will be muted throughout the session.
- Use Q&A function or upvote questions by pressing the thumbs up button.
- This webinar will be recorded.
- Tweet about the webinar using the handle @ULIToronto #AskGreatQuestions
As a Toronto Region based organization, we acknowledge the land we are meeting on is the traditional territory of many nations including the Mississaugas 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 Mississaugas of the Credit. We are grateful to have the opportunity to work on this land, and by doing so, give our respect to its first inhabitants.

13,000 years of Indigenous History in the GTA - And Why It Matters to Planning & Development

Public Access via YouTube or Knowledge Finder (link in chat box)
Diamond Sponsors

Brookfield

EllisDon
Platinum Sponsors

Brampton

CF Cadillac Fairview

CBRE

Choice Properties

First Gulf

GREAT GULF

KingSett Capital

Northcrest

Oxford

Quadrangle
WELCOME

Emma West
Partner
Bousfields Inc.
Chair, ULI Toronto

Councillor Martin Medeiros
Wards 3 & 4,
Chair, Planning & Development Committee

Trustee Kathy McDonald
Wards 3 & 4,
Peel District School Board

Richard Forward
Commissioner of Planning,
Building and Economic Development

@ULIToronto
Yvonne Yeung is the Manager of Urban Design for the City of Brampton with over 20 years of international experience delivering transit-oriented communities. She is the recipient of the American Society of Landscape Architects Honour Award and the University of Toronto Rotman School of Management Award. She is the vice-chair of the Urban Land Institute SDRC Product Council and member of the ULI Toronto Management Board leading the “Getting to Transit-Oriented Communities Initiative”.

Ken Greenberg is an urban designer, teacher, writer, former Director of Urban Design and Architecture for the City of Toronto and Principal of Greenberg Consultants. He is the recipient of the American Institute of Architects Thomas Jefferson Award for Public Design Excellence and the Sustainable Buildings Canada Lifetime Achievement Award. Ken is the author of Walking Home and Toronto Reborn, a member of the ULI Toronto Advisory Board and is currently serving as Strategic Advisor for the City of Brampton.

Matti Siemiatycki is the Interim Director of the School of Cities, Professor of Geography & Planning, and Canada Research Chair in Infrastructure Planning and Finance. His research focuses on delivering large-scale infrastructure projects, public-private partnerships, and the effective integration of infrastructure into the fabric of cities. Professor Siemiatycki is a highly engaged public scholar with a deep commitment to informing public discourse about city building.
Getting to Transit-Oriented Communities Initiative: Uptown Brampton TOC
“Day in a Life”
My Uptown
Hurontario-Steeles
Transit-oriented Community
City of Helsinki has inspired us...

Its emerging Kalasatama district is an “25 hour city” because it gives residents back an hour they would have spent commuting.
We are at the convergence of redefining livability. This is the transformation we are going through now.

“Day in a Life” in Uptown now

“Day in a Life” in Uptown TOC future
Opportunity to deliver a Healthy, Transit-Oriented Region for GGH, the fastest growing global city region in North America.

- **Growth**
  - 2/3 of the growth is outside of TO at TOCs connected by rapid transit
  - 3/4 of the growth are immigrants

- **Public Health**
  - $4 billion annual costs due to physical inactivity and obesity.
  - $1 billion annual cost due to traffic related pollution.

- **Affordability**
  - 1/3 to 1/2 of after-tax income is spent on cars

- **Transit Investments**
  - $45+ billion capital program for Regional Express Rail, Subways and Rapid Transit
The Medical Officers of Health 2014 “Improving Health by Design” report identified in Peel Region:

**Walkability Index for Public Health and Planning in Peel Region**

Low use of active modes of travel to work, school & daily errands
- Over 60% of Peel residents are obese.
- Only 25% of children in Peel walk to school.

Traffic-related air pollution concerns
- 50% of Peel residents live within 300m of a high-volume traffic road.

Road congestion impacts productivity
- Road congestion costs $6 billion per year.

Source: Statistics Canada 2016, Region of Peel-Peel Data Centre 2016, City of Brampton 2016, City of Mississauga 2016.
Healthy 20-min walkable neighbourhoods can be the “TOC antidote” for both infectious and chronic diseases.

19th Century Epidemic:
- Infectious Diseases (e.g., cholera, typhoid, typhus, tuberculosis)
- POLICY RESPONSE:
  - Clean drinking water
  - Sewage systems
  - Ventilation of living spaces
  - Streets open to sunlight and air circulation
  - Demolition of poorly ventilated, crowded tenements
  - Public parks

21st Century Epidemic:
- Chronic Diseases (e.g., diabetes, cardiovascular diseases)
- POLICY RESPONSE:
  - Healthy, compact, complete communities supporting increased walking, cycling and public transit use

Challenge: COVID-19

Challenge: Inactive Lifestyle

Source: Improving Health by Design in the Greater Toronto-Hamilton Area, 2014
Brampton is one of the fastest growing cities within the Greater Golden Horseshoe with a connected chain of TOCs.

Brampton rapid transit systems include:

Light Rail Transit
- Hurontario LRT and future extension

Bus Rapid Transit
- Future Queens Street and Viva BRT

GO Expansions
- All-day, Two-way at Bramalea GO
- Future All-day, Two-way at Brampton GO

692,000+ population, 62% labour force participation in 2020

Source: Environics

20,000+ new population per year

Source: Esri

692,000+ population, 62% labour force participation in 2020

Source: Environics

20,000+ new population per year

Source: Esri
With a 20,000 new residents per year, Brampton is one of the most diverse cities and a landing place for new immigrant families.

The inflow of younger, family-forming immigrants, including international students, will shape working age population which determine housing choice and labour force growth. Hemson Consulting

Brampton is a major immigrant destination and is expected to receive an inflow of international students and younger family-forming immigrants with entrepreneurial & business skills.

Brampton Demographics

- 73% are visible minority
- 52% are immigrants
- 39% of immigrants are Age 25-44
- 115 languages spoken
Recent policy changes, global directions, public and private investments create conditions for implementing TOCs now.

**Provincial Directions**
- Bill 197 & PPS accelerate implementation of Province’s Transit-Oriented Communities.

**Global Directions**
- C40 Cities’ Green and Just Recovery focuses on creating 15-min walkable cities.

**Best Practice Directions**
- Helsinki’s provides efficient 25/7 living through early integration of education and innovation.

25 hour city: Kalasatama, a planned community in Helsinki, gives an hour a day back to residents.
Peel Region Council and City of Brampton Council directions create “green-tape” conditions for implementing TOCs.

**Peel Council Directions**
- Peel’s Vision Zero, Healthy Peel By Design, and focus on high-density mixed-use in MTSAs.

**Brampton Council Directions**
- Brampton 2040 Vision, 2018-2022 Term of Council Priorities Cross-departmental Workplan

**Council Priorities include:**
- Create Complete Communities
- Unlock Uptown & Downtown
- Urban Community Hub
- Healthy Citizens & Local Health Support
- Prioritize Jobs within Centres & Sustainable Growth
- Attract Investments & Community Partnerships
- Create Streets for People

**Investments in Brampton**
- Convergences of public and private on the ground investments that make this possible
- LRT operating in 4 years (2024).
- 13 million sq.ft. of proposed high-density mixed-use development including 12,000 new units.
- 100,000 people and jobs within 20min walk.
Uptown Hurontario-Steeles’ “20-min walkable neighbourhood with Urban Community Hub” sets a new growth model for TOCs.

Repositioning education to build talent, increase competitiveness and shift workforce towards a “tech-focused & innovative” economy.

Eliminate the need of car-ownership. Improve citizen health and area affordability to achieve holistic dimensions of public health, promote inclusive community development & carbon neutrality.

Unprecedented collaborations among Province, Region, City, Non-profits & Developers.
With the LRT coming in 4 years, there is an opportunity for innovative collaboration to accelerate delivery of Uptown TOC.

Design for a 20-min Walkable, Healthy Neighbourhood Critical-Path to Implement TOC

A Common Critical Path to Optimize Multiple Concurrent Public and Private Investments

Design for End-to-End User 26/7 Experience

• 100,000 people living and working within 20 min walking distance
• 3.6 ppu, 40% are seniors, children, or youth
• 83% daytime population in neighbourhood
• 20% are transit-riders, 60% are in labour force
• 48% live in apartments, 42% are renters
• $96k household income, 30% of population has university degree(s)

Design for Collaborative Problem-Solving

Use of urban design based strategic framework to:

• coordinate public and private investments to achieve synergies, improve certainties and avoid reworks
• prioritize delivery of urban streets and public realm to enable connected, walkable and safe environment for the 1st generation of residents
• positioning existing valley as assets to improve cognitive-friendliness
The Uptown TOC site was developed as a Car-oriented Community during the 1960s.
Components of the Car-oriented Community in 1960s include:

- Post Secondary
- Apartment Towers
- Retail and Office
When bus service came online in the 1970s Uptown further intensified with mixed of uses in 1980s. However, were delivered in a car-oriented format.
With Light Rail Transit coming online in 2024, Uptown is evolving into a Transit-oriented Community through a mix of public and private investments.

- **Post Secondary Campus**
- **Mixed-use Expansion**
- **Urban Community Hub Campus**
- **12,000+ new residential units + commercial**
- **LRT Light rail transit in service 2024**
- **6+ km Urban Main Street public realm**
- **100,000+ people living and working within 20min walking distance from Hurontario-Steeles**

*Investment synergies*
The rich mix of untapped assets set the stage for a 20-min neighbourhood.

160+ acre of open space, 6+ km of creek, 10+ facilities
Our Mission Today:
Getting to 20-min Walkable Transit-Oriented Communities
The June 2020 HEMSON report for Ministry of Municipal Affairs and Housing identified trends in Peel Region including:

**Where will we work**
- 41% of jobs are “population related” to serve residents in local neighbourhoods
- 31% of jobs are located within “major office” (20,000+ net sq.ft.)

**Where will we live**
- 25% will live in apartments

**How will the community grow**
- 76% are international immigrants & students
Everyone is doing everything, everywhere. The traditional uses of space are blurring. People are working, eating, socializing, exercising, having fun, taking classes, and shopping everywhere. Gensler Research Institute

41% of projected jobs in Peel will be “population related” to serve residents in local neighbourhoods:

1/3 are Retail, Accommodation & Food sectors
1/3 are Education, Health & Social Assistance sectors
2/5 are Information, Finance, Real Estate Professional, Technical, Management & Admin sectors

How can we leverage “population related” jobs to activate 20-min walkable neighbourhoods?
How can we leverage reduction of auto-dependency to enable 20-min walkable neighbourhoods?

**Human-centred roads.** Safety will only improve when every road or street project takes an human-centred design approach. The danger of only requiring projects to meet safety compliance criteria, is that the focus on wider social/safety outcomes often diminishes over time. **ARUP Perspective**

**Challenge:**

**The Peel Region adopted Vision Zero** targets to reduce collision by 10%. Collisions at Hurontario-Steeles has increased by 40% over 2 years (2016 - 2018).

**Brampton Council endorsed “Brampton 2040 Vision” (2018)**
Vertically integrated, yet tied to the street. Create walkable environments that offer activities as social hub; shared living spaces for study, cook, collaborate, and recharge; ground-level courtyard and rooftop amenities; and double-height “living rooms” with outdoor decks.  

Gensler Research Institute

How can we leverage vertical living and other housing choice to create places for families, students & seniors?

25% of residents will live in apartments. 76% of population growth are young families, immigrants & international students.

At Uptown Hurtontario-Steeles (2019): 40% of population are children, youth & seniors. 45% of households have 3 to 5+ persons

Source: Environics

Challenge: Improving access to transportation and avoiding crowded housing can strengthen a community’s social vulnerability. HR & A Advisors
How can we leverage vertical living and other housing choice to create places for families, students & seniors?

Create equitable mixed-income housing that improves quality of life can forge a better economic future. Gensler Research Institute
How can we leverage access to valleys to improve sustainability and create cognitive-friendly communities?
How can we expedite infrastructure to support recovery?
How can we create a Community Hub to serve the needs of the full life cycle?
How can we create a Community Hub to serve the full life cycle of a multigenerational community?

**REPOSITIONING EDUCATION**
Integrating education in the development of functional city to improve area innovation and competitiveness.

**PRIORITIZING FAMILIES**
Ensuring complete family-oriented infrastructures including schools are delivered for the 1st generation of residents.

**ENABLING WALKABLE ACCESS**
Reaching carbon neutrality goal through co-locating infrastructure in an urban community hub at the heart of a walkable neighbourhood.
How do we integrate the co-located set of facilities under one roof in a campus?
How do we arrange the shared facilities to optimize synergies?
How do we orchestrate cross-sector collaboration to break new ground?

Multi-sectors industry experts

Multi-agencies and community leaders

Future of Resiliency
How can we integrate walkable community uses in the fabric of the neighbourhood to improve resiliency?

Making facilities available for the 1st generation of residents:

Adaptable, expandable outdoor/indoor facilities

Enable sharing and integration of services

A “Common Ground” for education, social, health, cultural, environmental, & business needs

Source: University of Toronto, School of Cities, Creative Mixed-use Initiative
How can we leverage “match-making” to innovate partnerships, build capacity and improve resiliency?

**Parntership Hub**
Centre of excellence on partnerships across over 30 public, private and non-profit organizations. Matchmaking to identify partners based on needs, resources and constraints.

**Research Hub**
Blend complementary land uses, help diversify neighbourhoods, and heighten social awareness. Multi-disciplinary team from School of Cities and Centre for Social Service Engineering.
How can we leverage co-development opportunities?

Ryerson Daphne Cockwell Health Sciences Complex

TIFF Bell Lightbox / Festival Tower

George Street Revitalization

Artscape Launchpad / Daniels Waterfront
City of Arts
How can we leverage co-development to innovate partnerships, implementation and operations to improve resiliency?

**Opportunities to utilize a combination** of a number of financing and funding mechanisms.

**Options for financing and funding** must be considered alongside issues of the building ownership and long-term facility operations.

<table>
<thead>
<tr>
<th>Dev. Approvals</th>
<th>Comm. Benefits</th>
<th>Place-making</th>
</tr>
</thead>
<tbody>
<tr>
<td>Land / Assets</td>
<td>Capital</td>
<td>Fund-raising</td>
</tr>
</tbody>
</table>

**Matrix of Financing/Funding Options**

- General Municipal Borrowing
- Senior Government Grants
- Density Bonuses/Land Value Capture
- Municipal Borrowing Against Project Specific Future Municipal Revenues
- Cash In Lieu
- Private Borrowing Against Project Specific Revenues
- Private Co-development
- Community Benefit Agreement
Design thinking can solve complex problems through systemic reasoning and intuition to explore ideal future states with the end user in mind.

McKinsey & Company

Cities have the capability of providing something for everybody, only because, & only when, they are created by everybody.

Jane Jacobs

Brampton will be a City ‘By-Design’, where design excellence is led by City Hall to ensure public interests, completed through co-design with developers and citizens, and made a prime factor in all approvals and decisions for change.

Brampton Vision 2040
An integrated Planning and Design based Strategy to shift development culture and accelerate implementation:

A design based strategic framework to
- shift development culture
- amplify synergies
- create new combined benefits
  \((1 + 1 + 1 = 6 \text{ or } 7)\)

A holistic approach that
- foster lateral thinking where solutions to one problem may reside in a different area

A new way of problem solving that involves
- concurrent decision-making
- intense cross-sector collaborations
- unprecedented innovation

A design-thinking culture that
- enables us to see the large patterns
- makes solutions fit together and support each other
- moves away from predetermined set pieces to interactive components making a coherent walkable place

What does the Public Sector need?
What does the Private Sector need?
What does the Community need?
What do Non-profits need?

Unlocking TOC
Our Mission Today: Getting to Transit-Oriented Communities

CONTRIBUTORS
Government of Canada, Infrastructure Canada
Province, Ministry of Municipal Affairs and Housing, Ministry of Health & Long-Term Care, Metrolinx
Region, Public Health, School Board, Development Services, Housing, Finance, Transportation, Traffic Planning, Engineering
City, Urban Design, Policy Planning, Development Services, Parks & Open Space, Transportation Planning, Traffic Planning, Engineering, Sustainability, Brampton Transit, Brampton Library, Community Services, Smart Cities, Corporate Services, Finance, Intergovernmental Relations, Strategic Communications, Strategic Advisor Greenberg Consultants
Agencies, TRCA, Sheridan College

OBSERVERS
ULI Meet the Chiefs Public Sector Network
Swedish Consulate, Netherlands Consulate

CONTRIBUTORS
Business, New Brampton Task Force
Community, Peel Community Benefits Network, Indus Community Services, United Way GTA, UEF, UN-Habitat, Brampton Transit Advisory, Ontario Ironworkers District Council, Peel Halton Workforce, Brampton Transit Advisory

CONTRIBUTORS
RioCan, Quadrangle, SvN, BA Group, Counterpoint
Kanef, Glen Schnarr & Associates
Soniel, GWD
LitWilliow, Bousfield
Rose Garden, Weston Consulting
i2 Development, KLM, Batory
Minhas Group, Gforce Planning

OBSERVERS
Oxford, Great Gulf, Daniels, Options for Homes, Brookfield Residential, Altus Group, Choice Properties, IBI Group, BLG, WSP, Sweeny & Co, Pantonium, Steer Northcrest, Weston Williamson + Partners
Live, Work, Learn, Play, Six Real Estate Development, Colliers Project Leaders, Manulife Investment Management
Toronto Region Board of Trade TRBT, ReNew, Transport Action Ontario, West Asia Council

CONTRIBUTORS
Infrastructure, ULI Curtis Infrastructure Initiative
Health, ULI Building Healthy Places Initiative
Development, ULI SDRC Product Council
Global TOC, City of Helsinki
Research, University of Toronto
School of Cities Creative Mixed Use
Faculty of Architecture Landscape and Design FALD
Rotman School of Management
Transportation Research Institute UTTRI
Department of Civil and Mineral Engineering
Practitioners, Gensler, Arup, HR&A
### DISTRICT FRAMEWORK

supplying big generative integrating design concepts

30 Years

### NEIGHBOURHOOD PRECINCT

design framework for each individual 20-min walkable TOC

10 to 15 Years

#### Setting the stage for the “glue”
- mobility infrastructure - public realm
- social infrastructure - hubs & parks

#### Tools to influence the urban structure
- Public Realm Plan - creek to creek, open space and trails, Vision Zero Urban Main Streets
- Urban Form Plan - big picture built form and density, gateways, views and vistas, community hubs

#### Refine broad framework concepts
- tailor to site conditions & property configurations
- tailor to other specific circumstances

#### Tool to enable Partnerships
- Comprehensive demonstration for facilitating ongoing dialogue between public sector, private sector, institutional and non-profit sector

### PROTOTYPE DESIGN IMPLEMENTATION

implementation plan for the “glue” catalyst projects

3 to 7 Years

#### Urban Community Hub Design and Implementation Framework
- co-located set of public facilities
- the “beating heart” and shared common ground of the TOC

#### 100% Corners TOC Design Plan
- Inform human-centred design to improve safety through applying Vision Zero Urban Main Streets
**DISTRICT FRAMEWORK**
9 sq.km  20-min bikable distance  
**30 Years Build-out**
1. Inter-connected 20-min neighbourhoods  
2. Urban Greenways  
3. 20-min Cycling Necklace  
4. Urban Anchors  
5. Humanizing Major Arteries

**NEIGHBOURHOOD PRECINCT**
20-min walkable distance  
**10 to 15 Years Build-out**
1. Hub as “Beating Heart”  
2. Common Ground  
3. Safe Walking & Cycling  
4. Local Live-Study-Work-Play  
5. Four Seasons 26/7 Uses

**PROTOTYPE DESIGN**
Campus & 100% Corner  
**3 to 7 Years Build-out**
1. Design for Walk-to & Cycle-to  
2. Necklace of Active Spaces  
3. Grow Local & Eat Local  
4. Expandable & Flexible Uses  
5. Safety for Families & Seniors
3 Interlocking Design-based Framework “in space & time scales” for innovating concurrent collaboration and implementation

**DISTRICT FRAMEWORK**
supplying big generative integrating design concepts
30 Years

**NEIGHBOURHOOD PRECINCT**
design framework for each individual 20-min walkable TOC
10 to 15 Years

**PROTOTYPE DESIGN IMPLEMENTATION**
the “glue” or catalyst projects
3 to 7 Years

---

**UPTOWN FRAMEWORK**
HURONTARIO-STEELLES PRECINCT
100% CORNERS TOC DESIGN
PARTNERSHIPS & PILOT IMPLEMENTATION

**URBAN COMMUNITY HUB**
PARTNERSHIPS & PILOT IMPLEMENTATION

---

**MAY 2018**
Brampton 2040 Vision
Vision Zero

**NOV 2019**
Commence Urban Community Hub Study Development Application

**MAY 2020**
Provincial Policy Statement, Transit-oriented Communities TOC, COVID Economic Recovery Act
Other Development Pre-consultation

**OCT 2020**
RLI TOC Walkshop

**NOV 2020**
Urban Community Hub Implementation Plan, Uptown District Framework Plan Rezoning

**JUL 2021**
LRT begins construction
Site Plan

**JUL 2022**

**JUL 2023**

**JUL 2024**
Metrolinx LRT in Operation

---

3 Interlocking Design-based Framework “in space & time scales” for innovating concurrent collaboration and implementation

---

**Toronto**
Underlying transformative drivers connecting all three scales: rapid transit investment and natural system
20-min Walkable Neighbourhoods
Transit and Active Transportation
Humanizing Major Arteries
Community Hub as “Beating Heart”
Linking the Campus and the LRT
A Place that works at all hours
A Place that works for all seasons
100% Corner at Steeles and Hurontario-Main
Human-centred Design
What are the key challenges in realizing the full potential of Uptown?

- Orchestrating change with multiple actors and private sector ownership
- Timing and capital and operational investments
- Roles of various actors
- Overcoming silos
- Thinking outside of contract lines

How to change culture from “Transit-served Mixed-Use Community” to “Transit-oriented 20min Walkable Complete Community”?

How to amplify synergies of 13 million sq. ft of private high-density mixed-use re-developments underway?

How to enable affordability, improve area innovation and competitiveness, unlock untapped assets and ensure safety for 100,000 people working and living within 20-min walking distance from Hurontario-Steeles LRT?
As Principal and Global Director of Cities + Urban Design in Gensler's Chicago office, Andre is focused on and committed to revitalizing and repositioning urban environments to shape equitable, accessible communities through urban design, master planning and architecture. His extensive experience ranges from city-wide master planning and high-density, urban-infill to emerging urban district redevelopment. Andre also has a special focus on equitable design as it relates to affordable and mixed-income housing, and neighborhood and community revitalization.

Daniel Haufschild is a Principal at Arup and Business leader for planning and transportation engineering in Canada. Daniel brings over 25 years’ experience in city and transportation planning, from strategy to business case development and project implementation. Current projects include the Skytrain extension to UBC, the Airport Area Transportation Study around Pearson, and business case support for ARTM in Montreal.

Kate Collignon has devoted her 20-year career to crafting real estate and economic development strategies that strengthen and sustain cities and communities. Her nationwide practice as a Partner with HR&A Advisors draws on her experience in the private and public sectors, managing complex development initiatives and building partnerships that drive equitable urban growth. Kate’s work focuses on advising public, private and non-profit land owners to achieve their financial and mission-based goals; crafting district and campus plans that fuel innovation and economic development; and creating inclusive neighborhood and open space investment and governance.
- COVID has shown us that we need more resilient cities regardless of whether it is health, climate, or other stressors

- “COVID has revealed problems that, in many cases, pre-date the pandemic….solutions to many of them are already known to us, but we have not had the will, imagination or ambition to implement them in the past.”

  - Retrofitting our Urban Region, TRBOT/ULI
Vision, Choices and Incremental but Transformational Change
Vision, Choices and Incremental but Transformational Change

Before (2009)  
After (2019 – in progress)
“Humanizing arterials” is as much about the roads as it is about the buildings.

A city is defined by arrival points.

Vision, Choices and Incremental but Transformational Change
Vision, Choices and Incremental but Transformational Change
How to get it done

Brampton correctly identifies culture/organizational issues as the key challenge rather than technical issues

1. Reconcile vision, plans, regulations, standards, ordinances at area level
   - Lag in time
   - Cross-departmental

2. Budgets (capital/O&M) should reflect vision and priorities

3. Getting Alignment: structured decision-making: vision, values, choices and tradeoffs.
Recommendation 1: “Strengthen planning and decision-making for social equity and climate justice including action-oriented and measurable goals”

Recommendation 5: “Be courageous and evidence-based in accelerating delivery of highest and best use of right of way space that is sensitive to context (civic, commercial, mobility, curb, HOV)”

https://www.bot.com/Portals/_default/Retrofitting_our_Urban_Region.pdf
“COVID has revealed problems that, in many cases, pre-date the pandemic….solutions to many of them are already known to us, but we have not had the will, imagination or ambition to implement them in the past.”

-Retrofitting our Urban Region

ARUP
BREAKOUT#1: WHAT ARE THE CHALLENGES?
10:15am – 10:55am

Live discussions: Walkshop Think Tank #AskGreatQuestions
What do different stakeholders need to know and when?
What are the roadblocks?
BREAKOUT#1: WHAT ARE THE CHALLENGES?
10:15am – 10:55am

Live discussions: Walkshop Think Tank #AskGreatQuestions
What do different stakeholders need to know and when?
What are the roadblocks?
Before We Breakout

You can mute and unmute yourself throughout the session
Phone: Press *6
Computer: ALT+A

We strongly encourage you to keep your video on during the session

Need help? Use the ASK FOR HELP function and the host will be prompted

To join a breakout room, you will be prompted to join a specific room or click on the “Breakout Rooms” button.

Tweet about the session using the hashtag:
#AskGreatQuestions
Live discussions: Walkshop Think Tank #AskGreatQuestions
What do different stakeholders need to know and when?
What are the roadblocks?
What are the key challenges in realizing the full potential of Uptown?

• **Orchestrating change with multiple actors and private sector ownership**

• **Timing and capital and operational investments**

• **Roles of various actors**

• **Overcoming silos**

• **Thinking outside of contract lines**

How to change culture from “Transit-served Mixed-Use Community” to “Transit-oriented 20min Walkable Complete Community”?

How to amplify synergies of 13 million sq. ft of private high-density mixed-use re-developments underway?

How to enable affordability, improve area innovation and competitiveness, unlock untapped assets and ensure safety for 100,000 people working and living within 20-min walking distance from Hurontario-Steeles LRT?
Anni Sinnemäki has been the Deputy Mayor for the City of Helsinki, responsible for city planning and real estate, since 2015. Since June 2017 she is in charge of Helsinki's Urban Environment Division. The most important project of this City Council term for her has been the ambitious Carbon Neutral Helsinki 2035 Action Plan.

Anni Sinnemäki was Member of the Finnish Parliament for 15 years (1999–2015), representing The Green League of Finland. She was Minister of Labour from 2009 to 2011. Photo credit: Pertti Nisonen

Jani Moliis is the Head of International Affairs at the City of Helsinki. He has over 10 years of experience from management consulting, having worked for several leading global professional firms such as McKinsey & Company and Accenture.

During his career, he has focused on improving the effectiveness and impact of a broad range of public sector organizations. He’s a native Helsinkian who’s lived his entire life in western Helsinki, except for his years abroad living on four different continents. Photo credit: Roope Permanto

Tuomas Hakala is the City of Helsinki’s Head of Detailed Planning. He has 20 years of experience in urban planning in Helsinki. Before starting to work for the city of Helsinki he worked in various architectural offices in Finland and Germany.

He has been involved in the planning of the Kalasatama area from the very beginning since 2002. Since 2010 he has been responsible for planning the Kalasatama area, together with his team.

Photo credit: Roope Permanto
Sustainable growth - expanding the urban core in Helsinki

Jani Moliis & Tuomas Hakala
City of Helsinki
- Construction time: 2009-2035
- 450 acres
- 3 mi new shoreline
- Travel time to the city centre by metro: 7 min

By 2035
- 25,000 new residents
- 13,000 new housing units
- 10,000 jobs
1. BASIC URBAN ELEMENTS
2. NEW STRUCTURE
3. LIVING CITY
4. NEW SOLUTIONS FOR HOUSING AND LIVING
5. NEW ENERGY SOLUTIONS
1 BASIC URBAN ELEMENTS
1 BASIC URBAN ELEMENTS

Helsinki
2 NEW STRUCTURE
2 NEW STRUCTURE
One more hour a day

Smart Kalasatama grows to a world-class district of smart, sustainable living.

The vision of Kalasatama is that smart services save one hour of citizen’s time every day.

www.fiksukalasatama.fi/en
@fiksukalasatama  #fiksukalasatama
BREAKOUT #2: WHAT ARE THE SOLUTIONS?
11:15am – 11:55am

Live discussions: Walkshop Think Tank #AskGreatQuestions
How to deliver better and more effectively?
How can different actors contribute?
Before We Breakout

You can mute and unmute yourself throughout the session

Phone: Press *6
Computer: ALT+A

We strongly encourage you to keep your video on during the session

Need help? Use the **ASK FOR HELP** function and the host will be prompted

To join a breakout room, you will be prompted to join a specific room or click on the “Breakout Rooms” button

Tweet about the session using the hashtag: #AskGreatQuestions
BREAKOUT #2: WHAT ARE THE SOLUTIONS?
11:15am – 11:55am

Live discussions: Walkshop Think Tank #AskGreatQuestions
How to deliver better and more effectively?
How can different actors contribute?
REMARKS

Trustee Kathy McDonald
Wards 3 & 4, Peel District School Board
MIRO BOARD - REPORT BACK: Deliver TOC, 4 years

BRAMPTON - Transit Oriented Communities

CHALLENGES

SOLUTIONS
CLOSING REMARKS

Mayor Patrick Brown
City of Brampton

Regional Councillor Paul Vicente
Vice-Chair
Economic Development Committee

Bob Bjerke
Director of Policy Planning
City of Brampton
Thank You - Join us on October 8th at 6pm

Getting to Transit-Oriented Communities Initiative
Transit-Oriented Communities: Uptown Hurontario-Steeles Virtual Townhall

Thursday, October 8, 2020 | 6:00pm – 8:30pm EDT

Unlocking Transit-Oriented Communities (TOC): How to Capture the Value of a “26-hour City”?

The Greater Golden Horseshoe (GGH) is the fastest growing Global City Region in North America, with two thirds of the growth anticipated outside of the Toronto core, connected by rapid transit investments and lands owned by the province. TOC is the leading direction to expand healthy, convenient, high-quality live-work-play along subways networks, Light Rail Transit (LRT) and across existing GO networks. The effective and efficient delivery of such TOC requires a new way of problem-solving that aligns stakeholders to a shared perspective that enables concurrent decision making and effective cross-sector collaborations to unlock the value of untapped land, social and workforce assets.

The Urban Land Institute (ULI) Toronto, in collaboration with the City of Brampton, City of Helsinki, Greenberg Consultants and University of Toronto School of Cities will bring this subject to life through exploring the invaluable hands that shape the 100,000 people and jobs expected at Uptown Brampton Hurontario-Steeles TOC. With the LRT coming in 2024, this area is experiencing substantial transformation into a high-density, mixed-use, family-oriented, healthy and walkable transit-oriented community, taking shape through the combined interests of Provincial, Regional, Municipal, Private Sector and Community interests.

Agenda
6:00pm–6:40pm: Welcome Remarks
Mayor Patrick Brown, City of Brampton
Eduardo Moreno, Director of City Prosperity Index, UN-Habitat
Hon. Kinga Surma, Associate Minister of Transportation, Ontario Ministry of Transportation
Sonia Sidhu, Member of Parliament, Brampton South
Regional Councillor Martin Medeiros, Chair of Planning and Development
Regional Councillor Paul Vicente, Chair of Public Works, Vice-Chair of Economic & Culture
Jonathan Gitlin, Chief Operating Officer and President, RioCan REIT

6:40pm–6:50pm: Keynote: Helsinki’s delivery of a 25-hour City
Anni Sinnemäki, Deputy Mayor of Urban Environment, City of Helsinki
Jani Mollis, Head of International Affairs, City of Helsinki

6:50pm–7:30pm: Uptown Brampton's strategies for “20min Walkable, Healthy Neighbourhood with Urban Community Hub” as a new growth model for TOC
Yvonne Yeung, Manager of Urban Design, City of Brampton
Ken Greenberg, Principal, Greenberg Consultants
Matti Siemiatycki, Interim Director, University of Toronto School of Cities

7:30pm–8:15pm: Panel: How to deliver a 26-hour Transit-Oriented Community?
Introduction: Bob Bjerke, Director of Policy Planning, City of Brampton
Moderator: Richard Forward, Commissioner, City of Brampton
Andrew Duncan, SVP of Development, RioCan REIT
Dr. Lawrence Loh, Medical Officer of Health, Peel Public Health
Dave Kapil, Chair, New Brampton
Michelle McCallum, Associate Vice President, Capital Development and Facilities Management, Sheridan College
Clare Barnett, Director Economic Development, City of Brampton Economic Development Office

8:15pm–8:27pm: Transit-Oriented Communities Townhall Q & A
Facilitator: Richard Joy, Executive Director, ULI Toronto

8:27pm–8:30pm: Thank you and Closing Remarks
Emma West, Chair, ULI Toronto