welcome!

Thanks for coming!

We will give tonight’s presentation and invite questions twice (6 pm and 7:30 pm). Please be sure to also join a small group roundtable discussion at the other end of the hall.
hello!
Hi, I’m Meg Davis,
+ I’m Rit Aggarwala
Thank you!

For joining us to roll up your sleeves and tackle some tough questions with us
Town Hall

What we heard you care about

Well-being and community health
People-centred planning
Public transit and personal mobility
Sustainable, resilient, climate-positive development
Diversity and inclusion
Housing quality and affordability
Data-informed decision-making
Privacy and data governance
Green space, recreation and leisure
Engaged communities
Entrepreneurship and innovation
Since Last Time

**Built** and organized our joint Sidewalk Toronto team and opened a TO office

**Developed** a robust public engagement plan with firm dates

**Forming** 6 advisory groups (80+ local leaders) to guide us in our work

**Met** with key stakeholders, including representatives of all levels of government

**Exploring** a series of pilots and prototypes to launch in Toronto

**Focused** our core research questions to develop work plans and hypotheses
Tonight

Describe what this project is all about

Explain what we’re working on and where we need your input

Open the floor to your questions and address some of your concerns

Discuss key questions in a roundtable conversation
Transforming the waterfront for the use and enjoyment of the people and visitors of Toronto, Ontario and Canada, to foster economic growth and to redefine how the city, province and country are perceived by the world — a project of national significance.
Quayside

A new type of mixed-use, complete community
Quayside

A new type of mixed-use, complete community
The Future

Focused on sustainability, resilience, affordable housing, transit, building innovation, and economic opportunity.

Ideas piloted at Quayside could be brought to scale across the waterfront, replicated in neighborhoods throughout Toronto — and, ideally, be adopted by cities around the world.
Finding a Partner

Bringing this idea to life required a different kind of partner.

What We Looked For

INNOVATION AND FUNDING PARTNER

Demonstrated expertise in the integration of real estate, city-building, and technology.

Ambition to create a new kind of place with global impact — and willingness to invest in the idea.
Sidewalk Labs, a Start-Up Created by Google, Has Bold Aims to Improve City Living

June, 2015

The Silicon Valley giant is starting and funding an independent company dedicated to coming up with new technologies to improve urban life. The start-up, Sidewalk Labs, will be headed by Daniel L. Doctoroff, former deputy mayor of New York City for economic development and former chief executive of Bloomberg L.P. Mr. Doctoroff jointly conceived the idea for the company, which will be based in New York, with a team at Google, led by its chief executive, Larry Page.

The founders describe Sidewalk Labs as an “urban innovation company” that will pursue technologies to cut pollution, curb energy use, streamline transportation and reduce the cost of city living. To achieve that goal, Mr. Doctoroff said Sidewalk Labs planned to build technology itself, buy it and invest in partnerships.
Affordability

Mobility

Opportunities

Income Inequality

Top 10%

Bottom 10%

Access to

Opportunities
What would a city look like if you designed it for people first in the digital age?
Sidewalk’s Start

**Studied** every prior “Smart Cities” attempt

**Built** a team to bridge the urbanist / technologist divide

**Convened** working groups with the world’s foremost experts

**CONCLUSION**

District-scale innovation can transform quality of life
Improving Quality of Life

-14%  
Cost of Living

+30%  
Green Space

-67%  
Greenhouse Gas Emissions

1 Hour  
Saved Per Day

+10%  
Labour Force Participation Rate

Vision Zero  
Traffic Fatalities
<table>
<thead>
<tr>
<th>Core Principles</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>Not tech for tech’s sake</td>
<td>We believe in the power of technology to improve quality of life in cities, but it must drive outcomes.</td>
</tr>
<tr>
<td>We respect privacy</td>
<td>It is embedded into everything we do.</td>
</tr>
<tr>
<td>We believe in open standards</td>
<td>Our vision is to have Quayside be a platform for innovation for everyone: governments, researchers, developers, and the general public.</td>
</tr>
<tr>
<td>Diversity makes us stronger</td>
<td>We are committed to diversity and inclusion. Quayside will only work if it represents the population in the Greater Toronto Area.</td>
</tr>
<tr>
<td>We cannot do this alone</td>
<td>This project will only proceed with the support and confidence of our government partners and the public. That’s why we have to do this together.</td>
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One of the Fastest-Growing Cities in North America

Source: Ontario Ministry of Finance, "Ontario Population Projections Update, 2016–2041"
Challenges of Growth

34 Min. Commute
Longest commutes of any city in Canada

Rent Burden
Nearly half of renters spend more than 30% of their income on housing

77 Road Deaths
2016 - Greatest number of traffic-related deaths in almost a decade

Access to Green Space
There is wide variation in neighbourhood green space, from 7 - 62% tree cover

Source: Toronto Foundation’s Toronto’s Vital Signs Report 2017/18
Income Inequality

“Between 1970 and 2015, income inequality in Toronto grew by 68%.”

— Toronto Foundation’s Toronto's Vital Signs Report 2017/18

68%

Increase in income inequality

CREDIT: David Hulchanski / Map Source: Statistics Canada, Census Profile Series
Objectives

**Establish** a complete community that improves quality of life for a diverse population of residents, workers, and visitors

**Create** a destination for people, companies, startups, and local organizations to advance solutions to the challenges facing cities, such as energy use, housing affordability, and transportation

**Make** Toronto the global hub for urban innovation

**Serve** as a model for sustainable neighbourhoods throughout Toronto and cities around the world
# Sidewalk Toronto Partnership

<table>
<thead>
<tr>
<th>SEP 2017</th>
<th>OCT 2017</th>
<th>SPAN OF 2018</th>
<th>Early 2019</th>
</tr>
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<tbody>
<tr>
<td>Award Sidewalk Labs Partnership.</td>
<td>Waterfront Toronto and Sidewalk Labs commit to developing the plan together; Sidewalk Toronto created.</td>
<td>Planning and public consultation on the Master Innovation and Development Plan (the Plan), the document describing exactly what we think this place could be. <strong>The SWL/WT Plan Development Agreement will guide this effort.</strong></td>
<td>Stakeholder approvals (boards &amp; governments). City of Toronto report on Plan.</td>
</tr>
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</table>
Organizing Our Work

Since we last spoke, we’ve...

Organized our joint team around **working groups**, which collectively represent the themes that matter most to you

We’re convening expert advisory groups made up of a dozen **local leaders** in each field

**Begun the hard planning work!**
We’ve started to dive into each of these themes

<table>
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<th>MOBILITY</th>
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<td>BUILDINGS</td>
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<td>DIGITAL PLATFORM</td>
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<td>HOUSING AFFORDABILITY</td>
<td>PRIVACY &amp; DATA GOVERNANCE</td>
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Our Vision

We are beginning to build on the years of planning work already done by the City of Toronto and Waterfront Toronto. Targeted outcomes inform every step of our planning.

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<td>A built environment that is more usable, efficient and affordable</td>
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<td><strong>COMMUNITY &amp; CITY SERVICES</strong></td>
<td>A close-knit, healthy community with seamless access to vital daily services</td>
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<td><strong>DIGITAL PLATFORM</strong></td>
<td>Open digital infrastructure that inspires innovation</td>
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<td><strong>HOUSING AFFORDABILITY</strong></td>
<td>Inclusive, affordable communities for people of all ages, abilities, and means</td>
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<td><strong>PRIVACY &amp; DATA GOVERNANCE</strong></td>
<td>A new standard for transparent, accountable, and responsible data use</td>
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Sustainability

We strive for a truly climate-positive community

We are exploring ways to:

- Minimize building energy use
- Maximize use of recoverable waste heat and renewable energy
- Enable predictable energy costs
- Improve solid waste diversion
- Incorporate infrastructure flexibility to enable innovation over time
Mobility

A competitive, safer alternative to the private automobile for every trip

We are exploring ways to:

- **Support** public transit expansion
- **Improve** pedestrian and cycling comfort
- **Build** AV-ready streets; capture safety benefits for people
- **Optimize** the network with real-time data and analysis
- **Create** a neighbourhood delivery system
- **Enable** the use of AV taxibots + vanbots
Public Realm

A public realm for the entire region that is delightful and vibrant year-round

We are exploring ways to deliver:

- **More open space** so that every resident will be within a 5-minute walk to a park, ranging from small community parks to large spaces for public gatherings and recreation.

- **More uses** that expand what’s possible for all ages on the waterfront, from public laser-based projection art to adventure playgrounds to bookable outdoor kitchens.

- **More time spent outdoors** to improve public health and social connections, leveraging innovative outdoor comfort systems, uniquely winter programming, and adaptable streetscapes.

- **More community empowerment** by enabling people to program the public realm themselves and build a diverse community in shared space.
Buildings

A built environment that is more usable, efficient and affordable

We are exploring ways to:

- **Increase Adaptability**
  Create structures that are more responsive to the needs of its users over time, both on Day 1 and years later

- **Reduce Cost**
  Reduce the cost of construction by leveraging scale through a manufactured approach to buildings

- **Enable Sustainability and Wellness**
  Build at the highest sustainability standard, which positively impacts the environment, lowers cost of utilities, and improves occupant well-being
Housing Affordability

Inclusive, affordable communities for people of all ages, abilities, and means

We aspire to be a global example of an affordable, diverse, mixed-income, and multigenerational community

We are exploring ways to:

- Recognize and serve the full spectrum of housing need in Toronto
- Leverage dedicated housing funds and activate the private sector to produce more affordable housing
- Integrate flexible building typologies, new construction technologies, and innovative financing options
- Incentivize the creation of new affordable units exceeding municipal requirements
Community & City Services

A close-knit, healthy community with seamless access to vital daily services

We are exploring ways to:

- **Achieve lower costs**, better outcomes, and better experience through coordinated service delivery, personalized solutions, and convenient access
- **Ensure access** to convenient, integrated healthcare that addresses the social and environmental determinants of health
- **Use technology to support lifelong learning opportunities**, with a focus on education outside the classroom
- **Enable a safe physical and digital environment** that protects personal privacy and enables comfort and use
We are exploring ways to deliver:

- **Ubiquitous connectivity and shared digital hardware**
  Build on Waterfront Toronto’s successful partnership with Beanfield Metroconnect to provide physical and digital infrastructure that makes it easier and cheaper for innovators to try new ideas.

- **Digital tools for the physical world**
  Allow applications to easily access and interpret maps and other open urban data, perform analyses, and manage smart devices.

- **Data governance and open architecture**
  Provide policies and tools to allow developers to easily access and share non-personal data.

- **A vibrant developer community**
  Harness the creativity of third-party application developers by providing well-documented APIs.
Privacy & Data Governance

We will set a new standard for transparent, accountable, and responsible data use

We are committed to:

• **Leading by example** with clear and consistent policies for the handling of personal information
• **Using data** to improve quality of life and benefit the public
• **Not using or selling personal information** for advertising purposes
• **Embedding Privacy by Design** into everything we do
• **Being part** of the open data community, and promoting the use of open standards
• **Compliance** with all Canadian laws and regulations

We will also explore:

• **Innovative governance models**, such as a data trust
• **New ways** to involve the public in decisions about privacy + data use

We are working closely with members of our advisory body and leading Canadian privacy and data governance experts on our work.
Pilots + Prototypes

We’re aiming to launch and test early pilots and prototypes around Toronto...
App Demos

Old Toronto

Transit Explorer

222 Bremner Blvd
Downtown, Old Toronto, ON

- Departure time: 8:00 AM
- Max. walking distance: 0.5 miles
- Transfers: Include
- Mode preference: No preference
- Travel mode: Transit
- Routes: All included
- Wheelchair accessible: Not required

Travel time from origin

- 0 min
- 60+ min
Modeling Toronto

Exploring the pros and cons of transportation and development plans based on local travel patterns.
Sidewalk Toronto Office

This summer, we will open an office at Quayside that will be a living laboratory for urban innovation. Come see what we’re up to in person!

307 Lakeshore Blvd. E.
Quayside, Toronto
The Neighbourhood of the Future

We have some ideas, now we need yours
Building the Plan Together

2018

Many different ways to get involved (see below)

Nothing should be a surprise at the end

Ongoing engagement with governments and stakeholders

ROUNDTABLE

Advisory Group
Reference Panel
Civic Labs
Neighbourhood Meeting

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Civic Labs
Neighbourhood Meeting

PLAN
What’s next?

We want you to join us to imagine a new kind of neighbourhood taking shape on Toronto’s waterfront.

Public talks, design jams, local pop-ups, neighbourhood meetings, roundtable workshops, tech competitions, a waterfront pavilion, a travelling fellowship, kids camps, and civic labs...

There are lots of different ways you can get involved!

Want to know the when, where, and what?

It's all at sidewalktoronto.ca
Join us for these upcoming events

Public Talks
Attend a live-streamed public talk featuring acclaimed speakers on such topics as sustainability, mobility, urban design, and inclusion

• Next up! March 27
• April 24
• September 26
• October 16

Roundtable meetings
Work in small, facilitated groups to help refine our thinking during key phases in the creation of the development plan

• May 3
• July 11
• October 3

And more!

• Neighbourhood meetings
• Sidewalk Toronto Fellows
• Pop-ups
• Design Charrettes
• Civic Labs
• Advisory Groups
• Online surveys
Fellowship Program

Twelve 19-24 year olds from different backgrounds and fields of study will travel and report on their aspirations and recommendations for Quayside.

- Two-day orientation
- Three study tours to Boston & New York, Amsterdam & Copenhagen, and Vancouver
- Produce a public report outlining their aspirations and recommendations for Sidewalk Toronto

Residents Reference Panel

A representative group of 36 Torontonians will to share their perspectives and provide input on the plan.

- April 21
- May 5
- June 2
- June 23
- September 29

YMCA Camp

Free summer kids camp to learn about the waterfront and explore ideas for its future.

- Ages 9-12
- North St. Jamestown
- Regent Park
- West Don Lands
- St. Lawrence
- the Esplanade

... and these events!
It's all at sidewalktoronto.ca
Questions?
What is the most exciting and valuable thing that the design of Quayside could help prove is possible?

What is your most audacious idea for improving...

Housing / Employment / Community Services / Energy Use / Mobility / Technology and Data Use / Public Amenities?
Let’s start talking...

What concerns do you want to be sure we address in our plan for this place?

Do you think we are focused on the right things?
see you soon!

Our next public roundtable meeting is May 3rd!
thank you!