TORONTO'S EASTERN WATERFRONT IS SEEN
IN THIS UNDATED HANDOUT PHOTO. THE
CANADIAN PRESS/HANDOUT/SIDEWALK LABS

**Future Site of Sidewalk Toronto's
Quayside Community**

FACT SHEET

GOOGLE'S "SMART CITY" SIDEWALK TORONTO
PHASE 1 QUAYSIDE

CREDIT: PICTURE PLANE FOR HEATHERWICK STUDIO

A combination of forward-thinking urban design and new digital technology will create a new type of neighbourhood on Toronto's waterfront, addressing the major challenges facing cities today including sustainability, mobility, and economic opportunity.

GEOGRAPHY
Downtown Toronto's Eastern Waterfront "Quayside"

SITE AREA
12 acres

NEW AREA TO BE CONSTRUCTED
3.3 Million Square Feet (Proposed Density)

DEVELOPMENT TYPE
Mixed-use

DEVELOPERS
Sidewalk Labs (Alphabet Inc.) & Waterfront Toronto

ECONOMIC DEVELOPMENT
3,900 Long-term Jobs

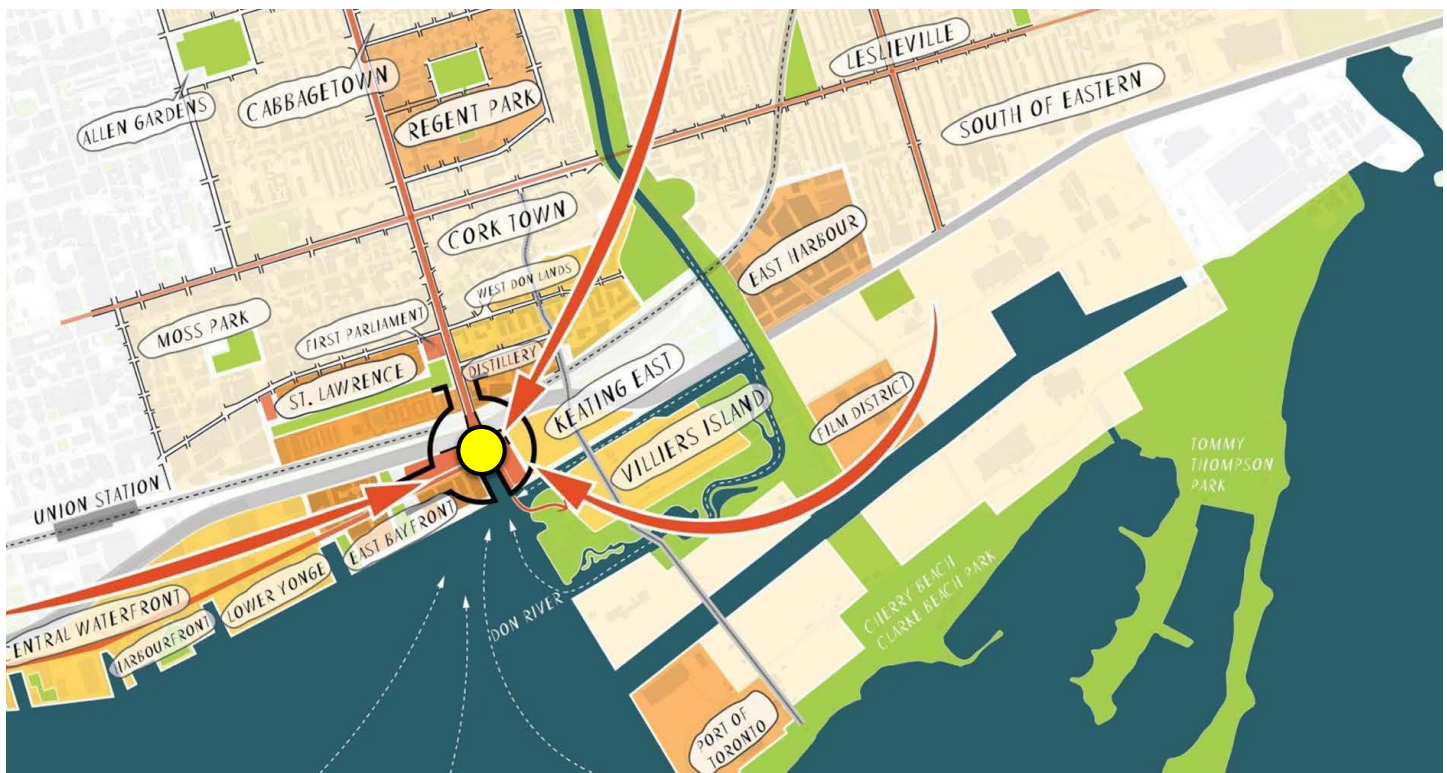## GOOGLE'S "SMART CITY" SIDEWALK TORONTO – PHASE 1 QUAYSIDE

FACT SHEET

TORONTO IS CHOSEN FOR A NEW MODEL CITY – A "SMART CITY"

A unique smart-city approach plans to take on the challenge of modern urban life though a "built-from-the-internet-up approach". The project will capture and analyze data on occupants in order to optimize and improve spatial design. Concerns surrounding data privacy have surrounded the project from the start. To ease privacy concerns, a planned "Civic Data Trust" will bank the collected data, assuring no one has a right to own the information gathered. Nevertheless, privacy remains an important concern surrounding this development and it remains to be seen how this issue will be addressed to fully satisfy Canada's legislated requirements.

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 of a rising new industry: urban innovation.

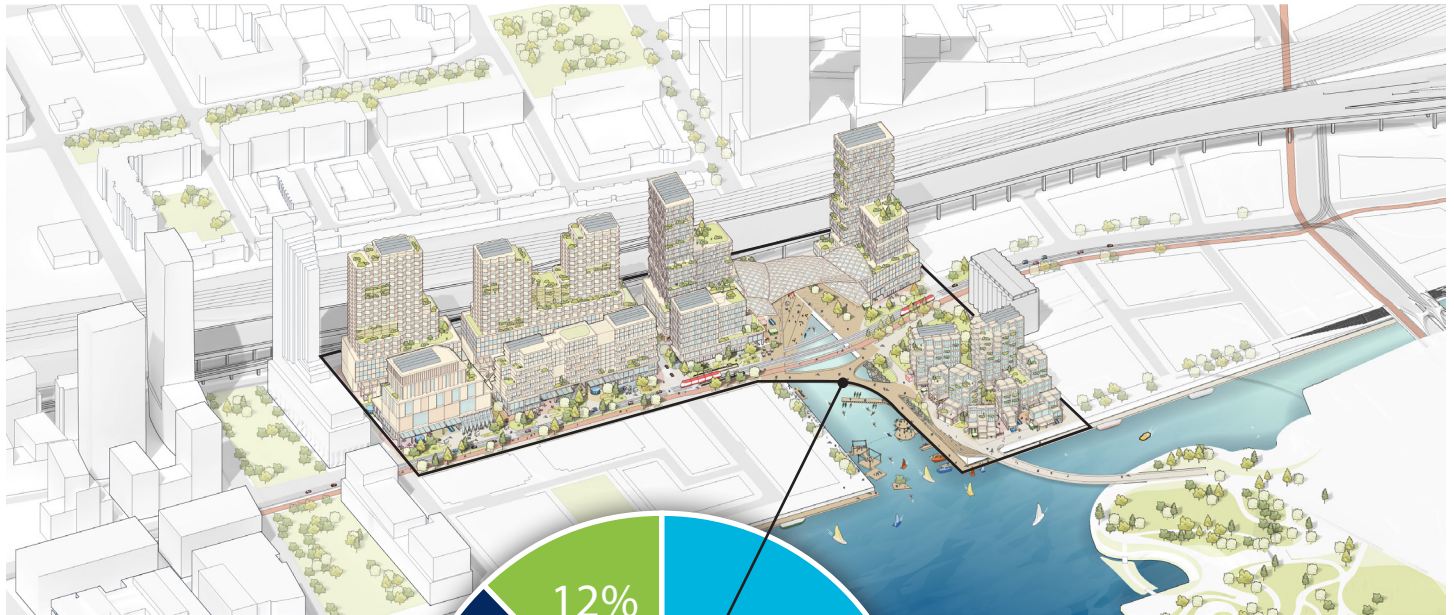» Serve as a model for sustainable neighbourhoods throughout Toronto and cities around the world.

The dynamic area surrounding Sidewalk Labs' waterfront site.

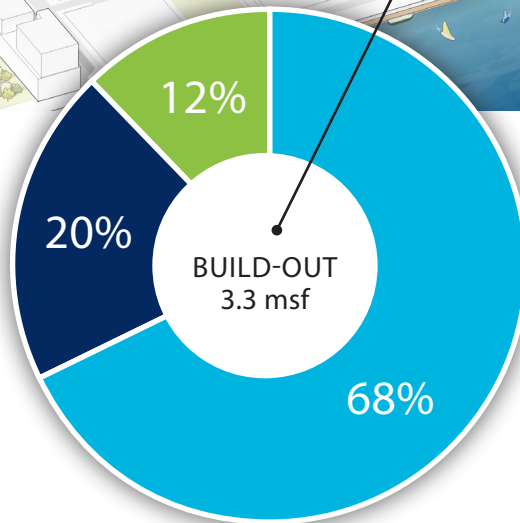# GOOGLE'S "SMART CITY" SIDEWALK TORONTO – PHASE 1 QUAYSIDE

PROPOSED QUAYSIDE SITE PLAN

CREDIT: SIDEWALK LABS

BUILD-OUT
3.3 msf

12%
20%
68%

- **COMMERCIAL**
(660,000 sf)

- **FLEXIBLE LOWER FLOORS**
(396,000 sf)

- **RESIDENTIAL**
(2,244,000 sf)

RESIDENTIAL BASELINE

3,100 RESIDENTIAL UNITS

**6,200** RESIDENTS

20% AFFORDABLE HOUSING

QUICK FACTS

- » Mass timber construction (entire district constructed with 100% Canadian-sourced fiber)
- » Sustainable infrastructure (photovoltaics with battery storage, geo-thermal heating and cooling, smart water management, automated building energy management)
- » New public spaces along the waterfront
- » People-first streets and public realm (prioritizing foot and bike traffic)
- » Built-in flexibility to prepare the neighbourhood for new modes of transit, such as autonomous vehicles

Mass Timber Construction
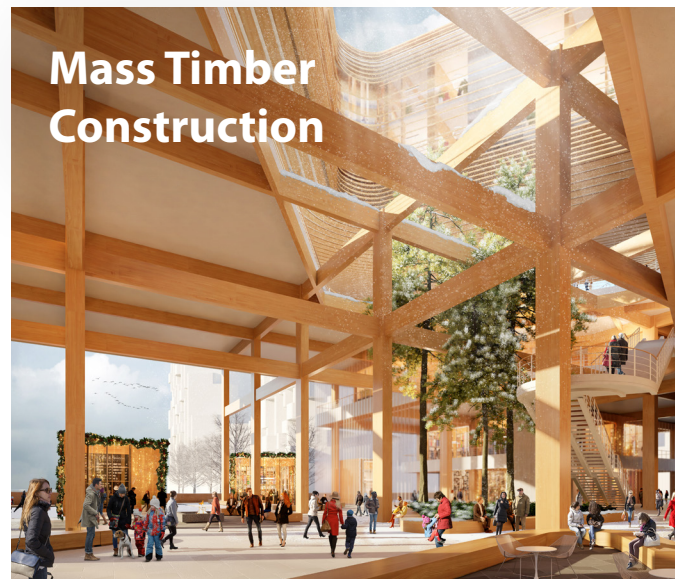
GOOGLE'S "SMART CITY" SIDEWALK TORONTO – PHASE 1 QUAYSIDE

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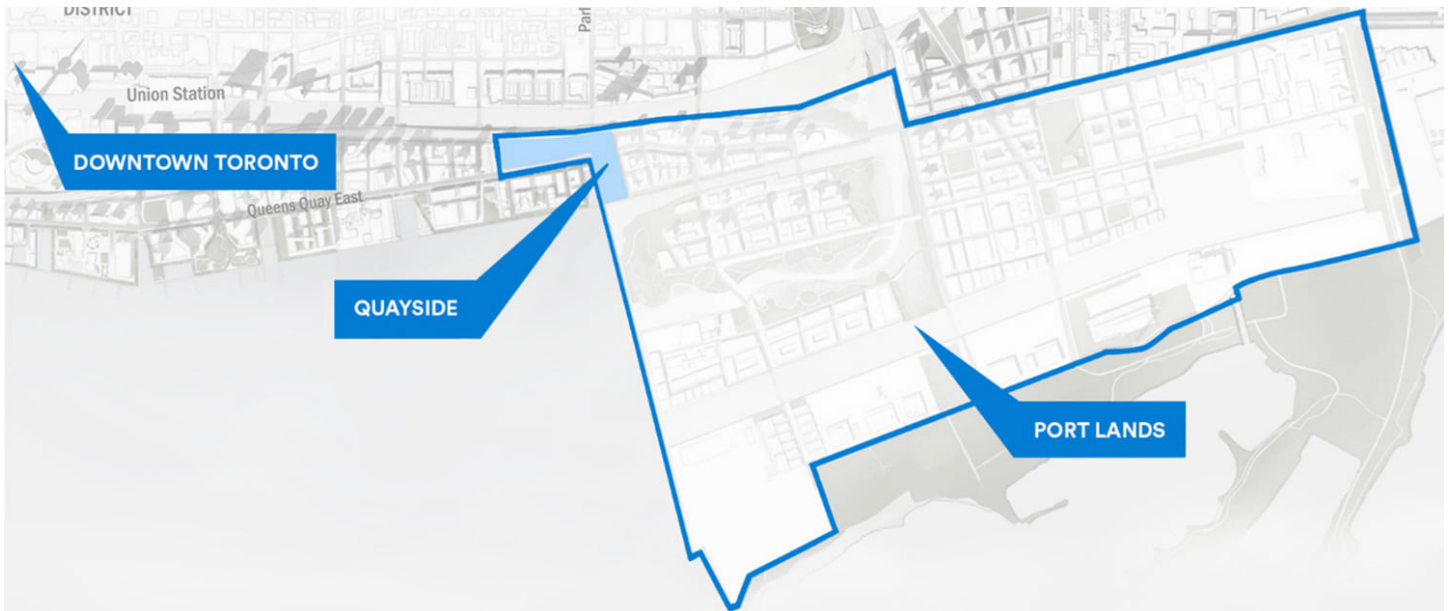
The Quayside site is the first phase of a much larger development planned by Sidewalk Labs and Waterfront Toronto. The innovations and advancements developed at the 12-acre Quayside site are planned to be scaled across the waterfront to the east, known as The Port Lands – at more than 325 hectares (800 acres), one of North America's largest areas of underdeveloped urban land. An area as large as the current downtown.

SOURCES

1. **Quayside Site Plan Draft - November 2018**
   https://sidewalktoronto.ca/wp-content/uploads/2018/11/18.11.29_Quayside_Draft_Site-Plan.pdf

2. **Sidewalk Labs**
   https://sidewalklabs.com/

3. **Between The Jetsons and Black Mirror: Google Reveals New Plan For Smart City**
   https://www.forbes.com/sites/carltonreid/2018/12/02/between-the-jetsons-and-black-mirror-google-reveals-new-plan-for-smart-city/#516a6aa850e3

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