



# Richmond Hill Micromobility Strategy

## Public Information Centre #1

Photo: Richmond Hill Micromobility webpage

Meeting Dates: **September 16 & 18, 2024**

Meeting Time: **6:00PM to 7:30 PM**



# Agenda

- Welcome and meeting outline
- Project overview
- What is micromobility
- Opportunities and Challenges
- What Other Communities are Doing
- Hearing from You

# Meeting Guidelines

1. Be respectful.
2. No tolerance for discrimination or hateful language of any kind.
3. One voice at a time – please raise your hand if you have a question at any time.



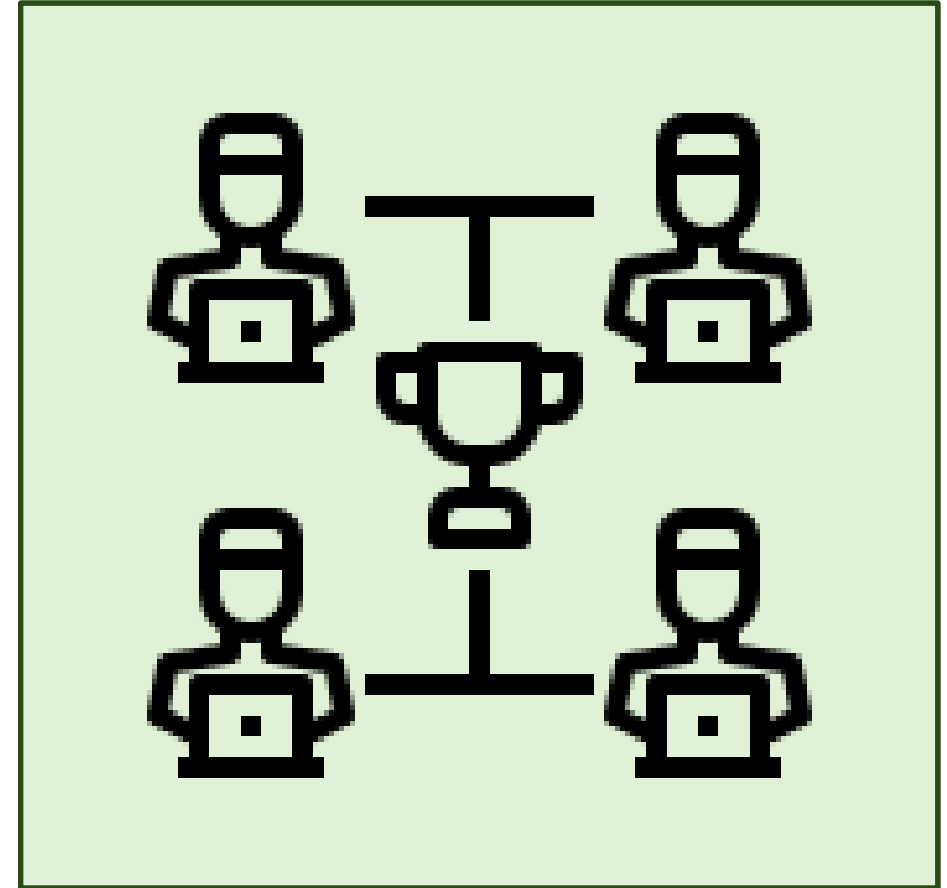
# Participation Guidelines

- **In-person participants** can connect with the project team after the presentation.
- **Virtual participants** can use the meeting chat for comments and questions.
- **All participants** can share additional thoughts on the Menti board for two weeks after this meeting.
- A meeting summary with Q&A will be circulated afterward.



# Meeting Objectives

1. Introduce the project
2. Share background information on micromobility
3. Hear from you



# What Is Micromobility?

**Micromobility:** an umbrella term for various types of low-speed, lightweight, wheeled mobility devices that are often electrified. Most commonly, it is used to refer to electric bicycles (e-bikes) and kick-style electric scooters (e-scooters).

*In Richmond Hill, mobility devices such as wheelchairs and mobility scooters are considered separately from micromobility.*

**Shared micromobility:** services that provide shared public access to micromobility devices, such as bike share and scooter share.



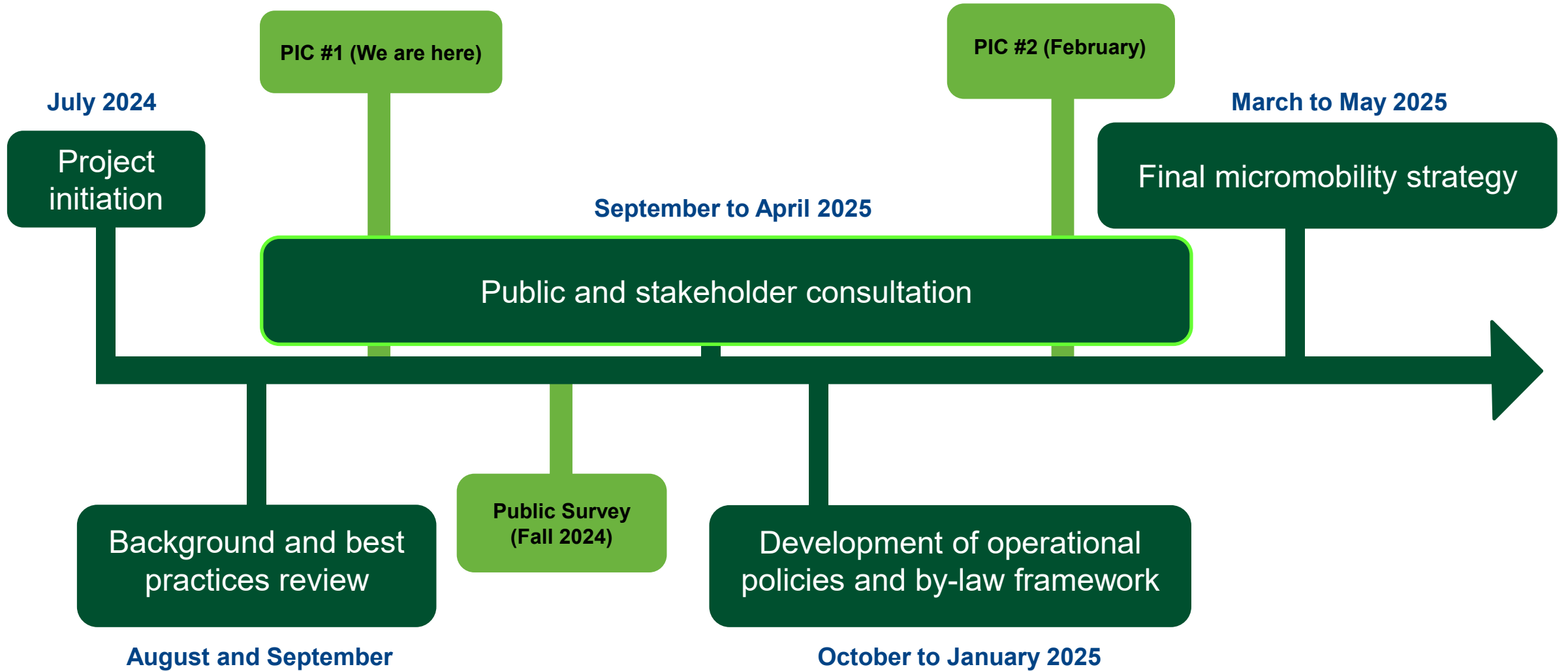
Images from Richmond Hill website and Adobe Stock Images

# Project Overview

- Develop a micromobility strategy to help the City of Richmond Hill regulate micromobility and sidewalk cycling.
  - ✓ Understand the benefits and risks of micromobility
  - ✓ Look at how to address key issues like safety concerns, education, winter maintenance, and liability



# Project Timeline





# Local Context for Micromobility

Micromobility is connected to several plans and policies, including:

## Official Plan

Aims to offer diverse mobility options

## 2023 Transportation Master Plan Update

Recommends the city evaluate micromobility and sidewalk cycling for transportation and sustainability impacts






## Community Energy and Emissions Plan

Promotes active transportation & mitigates climate change with tangible solutions







## Transit Connectivity

Transit Connection opportunity including Yonge North Subway Extension

# Micromobility in Richmond Hill Today

Device	On-road	On-road cycling facilities	Parks & Trail system	Sidewalks
<b>Kick-style E-scooter</b> 	✗	✗	✗	✗
<b>Bicycle*</b> 	✓	✓	✓	✗
<b>Pedal assisted e-bike (no throttle)</b> 	✓	✓	✓	✗
<b>Power-assisted e-bike (with throttle)</b> 	✓	✓	✗	✗
<b>Motor-assisted bicycle / moped</b> 	✓	✗	✗	✗

\*In Ontario, children under 10 can ride a bicycle on the sidewalk until they develop the skills to ride on the road with traffic.

Device	On-road	On-road cycling facilities	Parks & Trail system	Sidewalks
<b>Cargo e-bike</b> 	✗	✗	✗	✗
<b>Limited speed Motorcycle</b> 	✓	✗	✗	✗
<b>Electric skateboard, hoverboard and unicycle</b> 	✗	✗	✗	✗
<b>Low-speed vehicle</b> 	✗	✗	✗	✗
<b>Golf cart</b> 	✗	✗	✗	✗
<b>Urban mobility vehicle</b> 	✗	✗	✗	✗

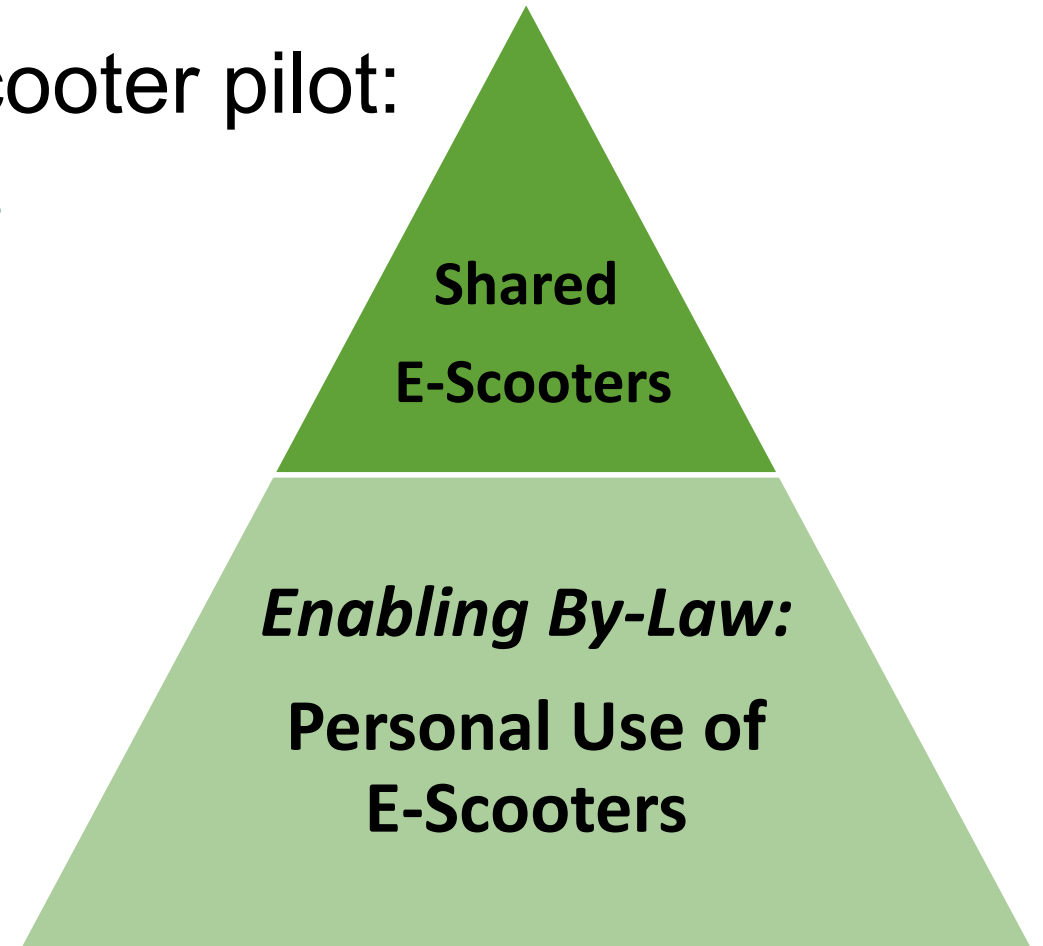
# Provincial E-scooter Pilot Context

Options within the provincial e-scooter pilot:

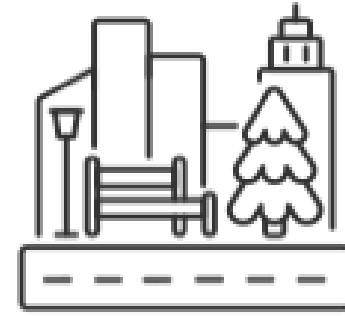
- 1. Allowing personal e-scooters**
- 2. Permitting a shared system**

\*Municipalities can opt into the personal e-scooter pilot without needing a shared system.

At present, Richmond Hill has not opted into either option.



# Cycling on Sidewalks



- **In Ontario, riding a bicycle, e-bike, or e-scooter on a sidewalk is NOT permitted.**
  - Children under 10 can ride a bicycle on the sidewalk until they develop the skills to ride on the road with traffic.
- Municipalities can create local rules around sidewalk cycling.
  - Richmond Hill has no additional local rules regarding cycling on sidewalks.

# Micromobility Opportunities

Supporting climate change goals

Increasing access

Promoting a fun mode of transportation



Offering mobility choices

Unlocking shared mobility

First & last mile transit connectivity

# Micromobility Challenges



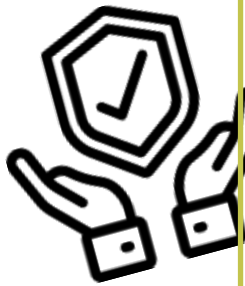
**Device safety** (e.g., fires, falls)



**Speed in shared spaces** (e.g., trails, multi-use paths)



**Year-round road maintenance** (e.g., devices with smaller wheels)



**Insurance & liability**

**Accessibility** (e.g., devices parked on sidewalks)



# Micromobility Initiatives in Mississauga



Photo: City of Mississauga

- Launched a **shared system of e-bikes and e-scooters** in 2024



# Micromobility Initiatives in Hamilton



Photo: Stuckless Consulting Inc.

- **Non-profit-run bike system** since 2015
- **Adaptive bike share with trikes and e-bikes** since 2023
- Opted into the **e-scooter pilot for personal use** in 2020
- Launched a **privately-run shared e-scooter system** in 2023
- Opted into the **cargo e-bike pilot** in 2022

# Micromobility Initiatives in Ottawa



Photo: Stuckless Consulting Inc.

- Opted into the **cargo e-bike pilot**
- No current bike share system
- Opted into the **e-scooter pilot** and has had a **shared e-scooter system** since 2020



Photo: Bike Ottawa, 2024.

# Micromobility Initiatives in Toronto



Photo: Stuckless Consulting Inc.



Photo: Stuckless Consulting Inc.

- **Docked bike share system** since 2011, with growing **e-bike fleet**
- Not part of the provincial e-scooter pilot
- Opted into the **cargo e-bike pilot**

# Micromobility Initiatives in Brampton



Photo: Graeme Frisque/Metroland

- **Shared system of e-scooters** since 2023
- No current bike share system

# Micromobility Initiatives in Montreal

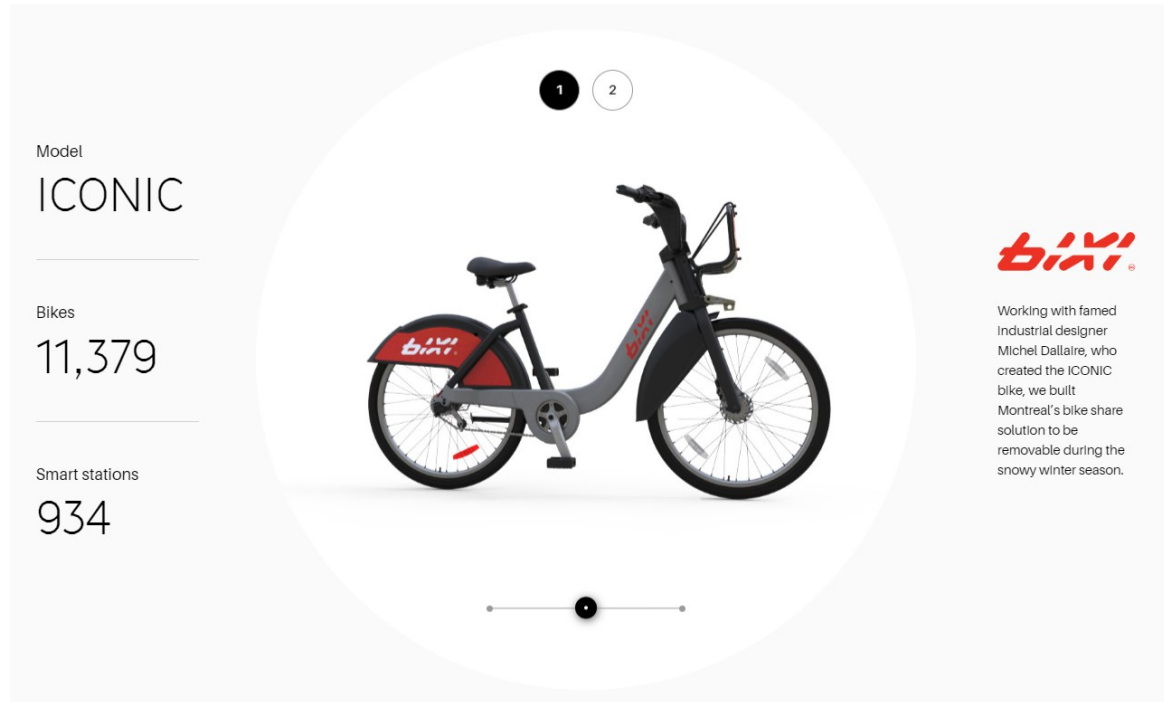


Photo: PBSC Montreal Bike Share

- Home to one of North America's first **bike share systems**, launched in 2009.

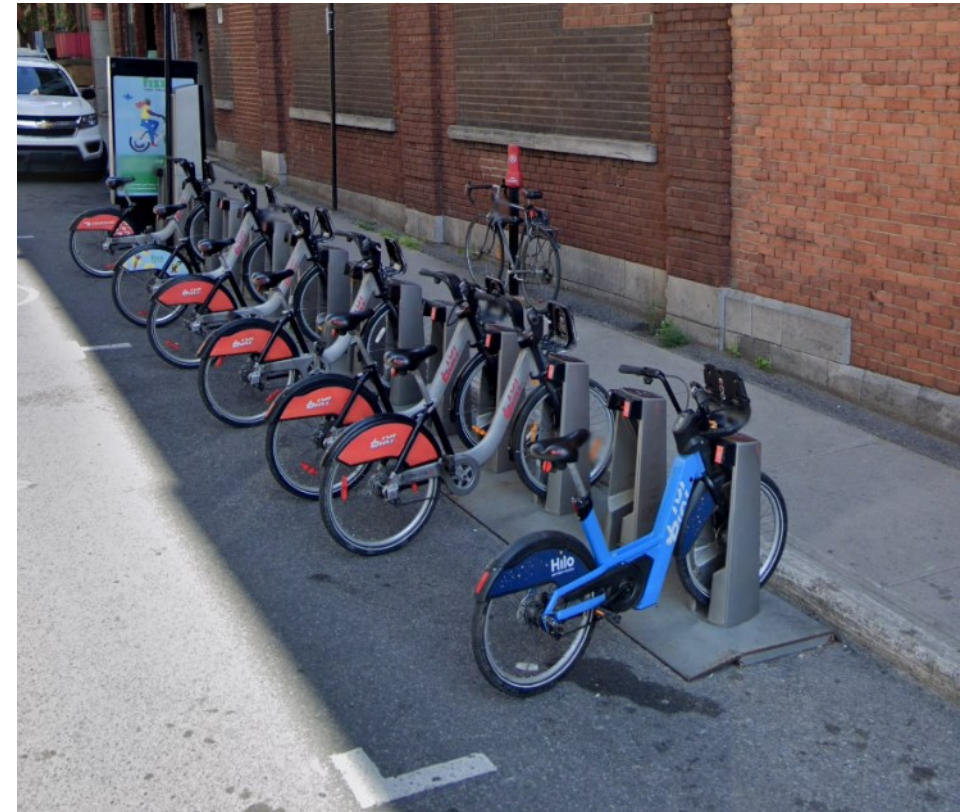


Photo: Google Street View

# Micromobility Initiatives in Vancouver



Photo: CityNews, 2024

- Launched Canada's first **docked e-scooter system** in 2024

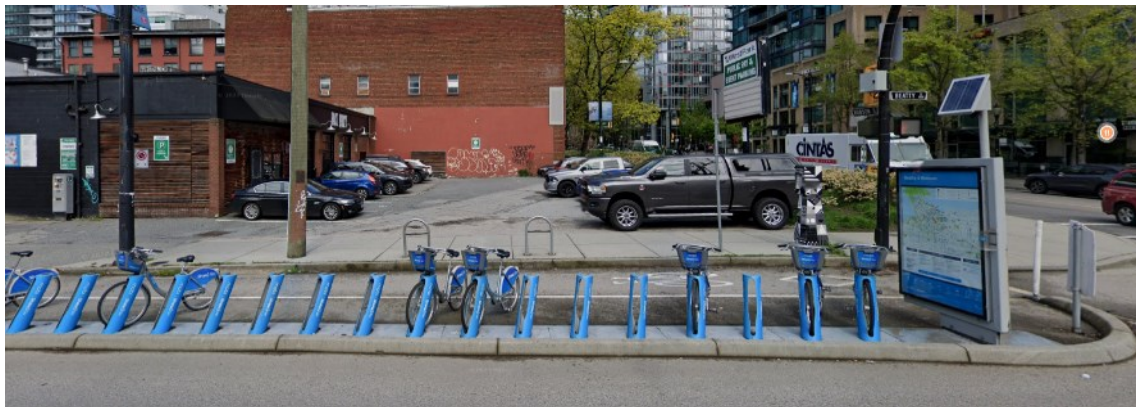


Photo: Google Street View

- **Bike share system** since 2016
- Part of British Columbia's **e-scooter pilot** since 2021

# Micromobility Initiatives in London



Photo: London Canada website

- Opted into the **e-scooter pilot for personal use**
- No current bike share or scooter share system

# How to share your thoughts

- Provide input in-person or online (by October 2, 2024)
- For online comments scan QR code or visit [www.menti.com](https://www.menti.com) and enter the code **2382 8161**
- Comments and questions will be reviewed and documented to inform next steps







# Thank you!

How to contact our project team:



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