TORONTO PARKING AUTHORITY

FOUR-YEAR GROWTH PLAN

EXECUTIVE SUMMARY

MUNICIPAL PARKING

BIKE SHARE TORONTO

BIKE SHARE TORONTO

Board of Directors Presentation | September 29, 2022

SETTING THE DESTINATION

OUR MISSION

To reimagine how Toronto moves by creating a seamless mobility experience that delivers on choice, ease and speed through Toronto.

OUR VISION

To become the world's best provider of sustainable parking, Bike Share and last-mile mobility experiences for our customers, our partners and our city.

ONE TEAM. ONE VISION. ONE CITY.

OUR CUSTOMERS ARE AT THE HEART OF ALL WE DO

Our plan is a culmination of research, data insights, stakeholder and public engagement.

The Toronto Parking Authority is expanding Bike Share to increase mobility options for all Torontonians.

WHY EXPAND BIKE SHARE NOV

We're inspired by people's energy, support and momentum in u
around the City. It has an important role to play in the City's tr

We have seen significant growth in annual memberships and ha
but we're also exceeding our capacity.

Bike Share has a 92% customer sat
rate and with increased popularity c
& e-bikes, there's never been a bett
time to expand the next generation
of Bike Share.

EXPANDING MOBILITY FOR THE FUTURE

01 Delivering more choice, ease, & speed

02 Guiding expansion through insights

03 The journey to 2025

DELIVERING MORE CHOICE, EASE, & SPEED

01

THE FUTURE IS PEOPLE POWERED

We are changing the way people move around the City in a more sustainable, convenient and affordable way.

RIDERSHIP PROJECTION

4.3 MILLION RIDES BY THE END OF THE YEAR

INCREASED RIDERSHIP

OF ALMOST 1 MILLION RIDES VERSUS 2021

REGULARLY OPERATING

AT 70-90% OF ITS TOTAL CAPACITY

This is a testament to Bike Share's growing popularity and its increasing importance as a mobility option for all Torontonians.

"Now more than ever, the residents and businesses of Toronto are looking for sustainable, economically sound, and environmentally friendly mobility solutions, and Bike Share Toronto delivers in spades."

- John Tory,
Mayor of Toronto

PLANNING FOR THE FUTURE

Our new Four-year Growth Plan

addresses the next phase of Bike Share Toronto's growth. It addresses accessibility, equity, and convenience to offer customers the best mobility experience possible.

PATH TO OUR GOALS

Our plan and decision-making process was informed by Bike Share Toronto's goals of increasing ridership, providing equitable and inclusive access, first/last-mile transit integration, accessibility and revenue. These goals were then developed into key inputs that were used to develop and evaluate alternate expansion scenarios.

RIDERSHIP
Enabling the highest number of potential trips

ACCESSIBILITY
Minimizing geographic and topographic barriers to use the system

FIRST/LAST-MILE
Enhancing connectivity with regional and local public transit services

EQUITY
A balanced approach providing equitable and inclusive access

REVENUE
Understanding and considering the revenue potential of stations

YOUR VOICE MATTERS

A key component of the Four-year Growth Plan was to engage with municipal partners, stakeholders and members of the public to better understand how the Bike Share system could be expanded and enhanced for the future.

STAKEHOLDER WORKSHOPS

50+ STAKEHOLDERS INVITED

4 STAKEHOLDER GROUPS

8 STAKEHOLDER MEETINGS

PUBLIC CONSULTATION

80+ PUBLIC INFORMATION SESSION ATTENDEES

22 USER WORKSHOP ATTENDEES

177 USER SURVEY RESPONSES

GUIDING EXPANSION THROUGH INSIGHTS

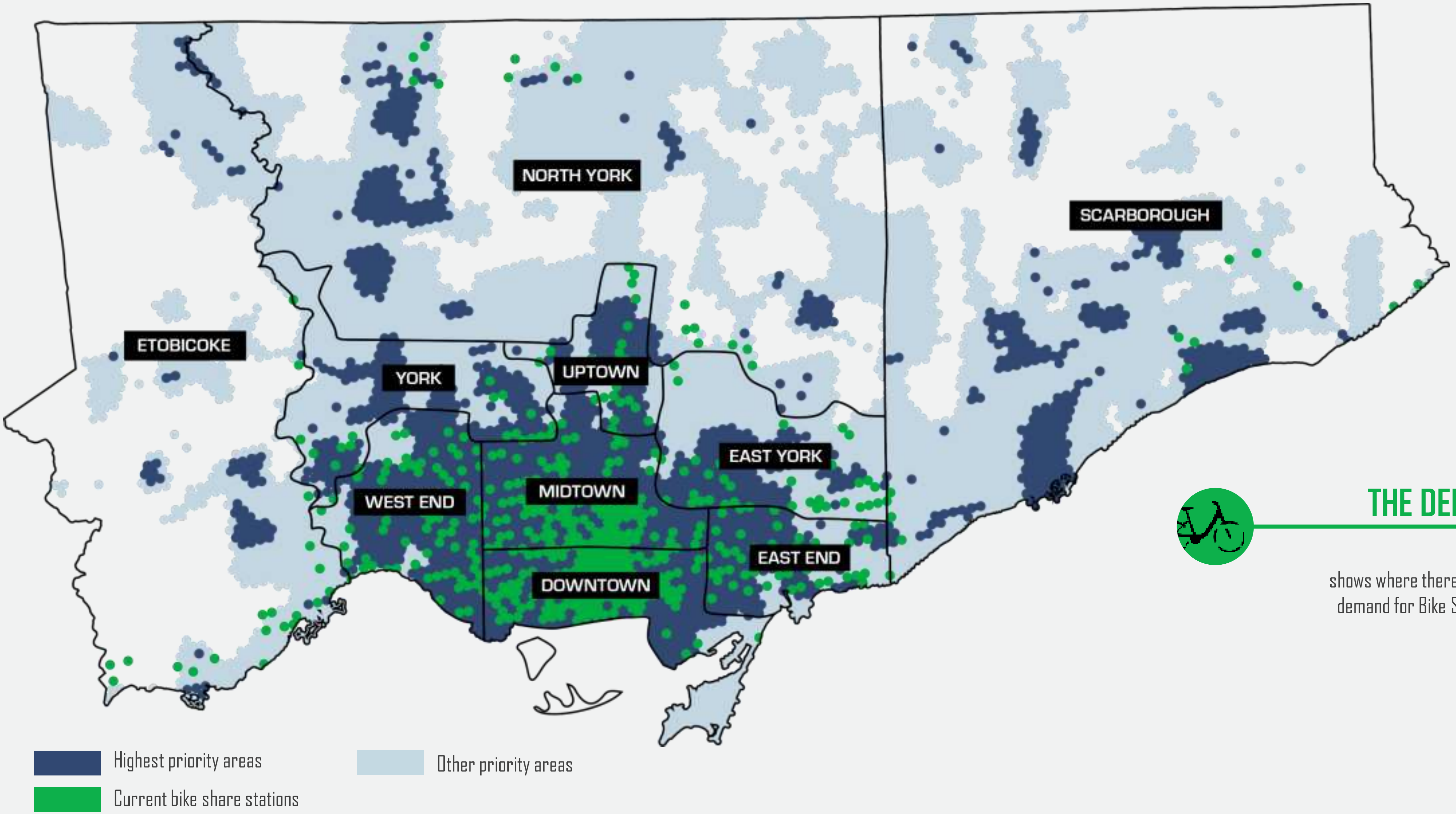
02

SPATIAL ANALYSIS

OVERVIEW

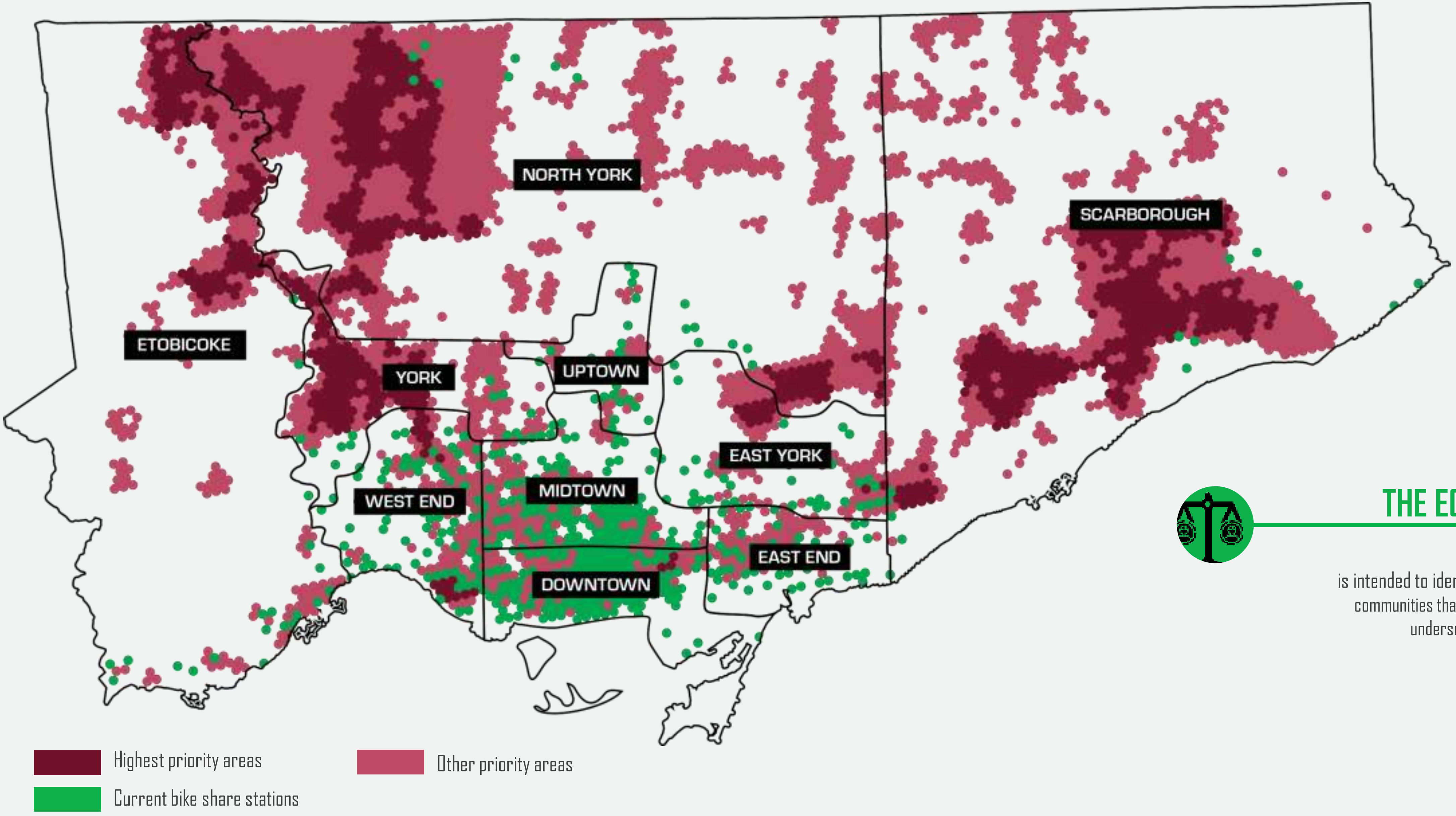
Spatial analysis was conducted by leveraging data gained through Bike Share ridership, the City of Toronto and other available sources to develop different expansion options.

- Using these four inputs, five scenarios were created to identify where Bike Share stations should go.
- The best scenario was chosen, then refined with feedback from stakeholders.
- Once the refined scenario was established, a timing and implementation schedule was developed.



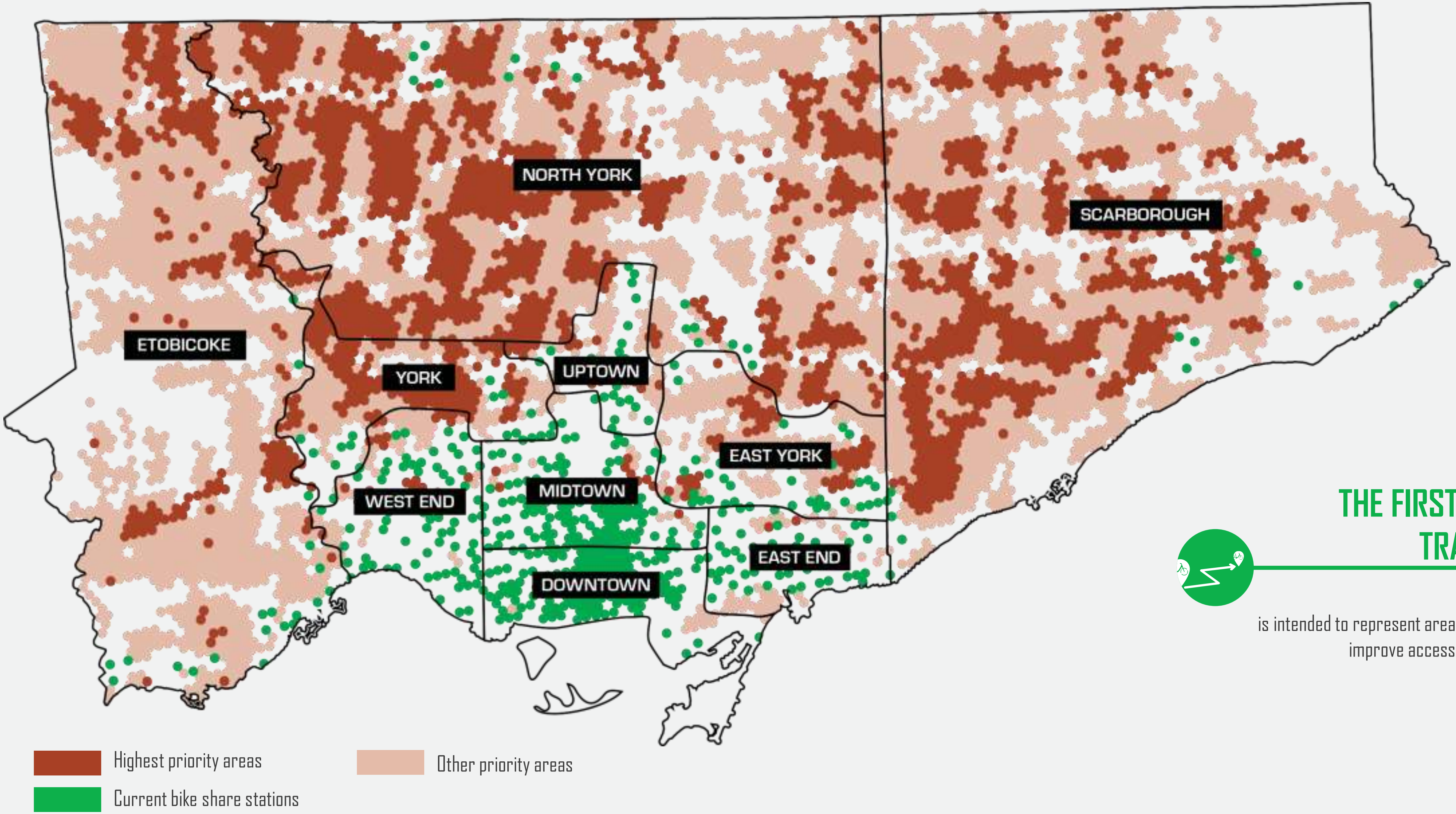
THE DEMAND INPUT

shows where there is a higher ridership demand for Bike Share across the city.



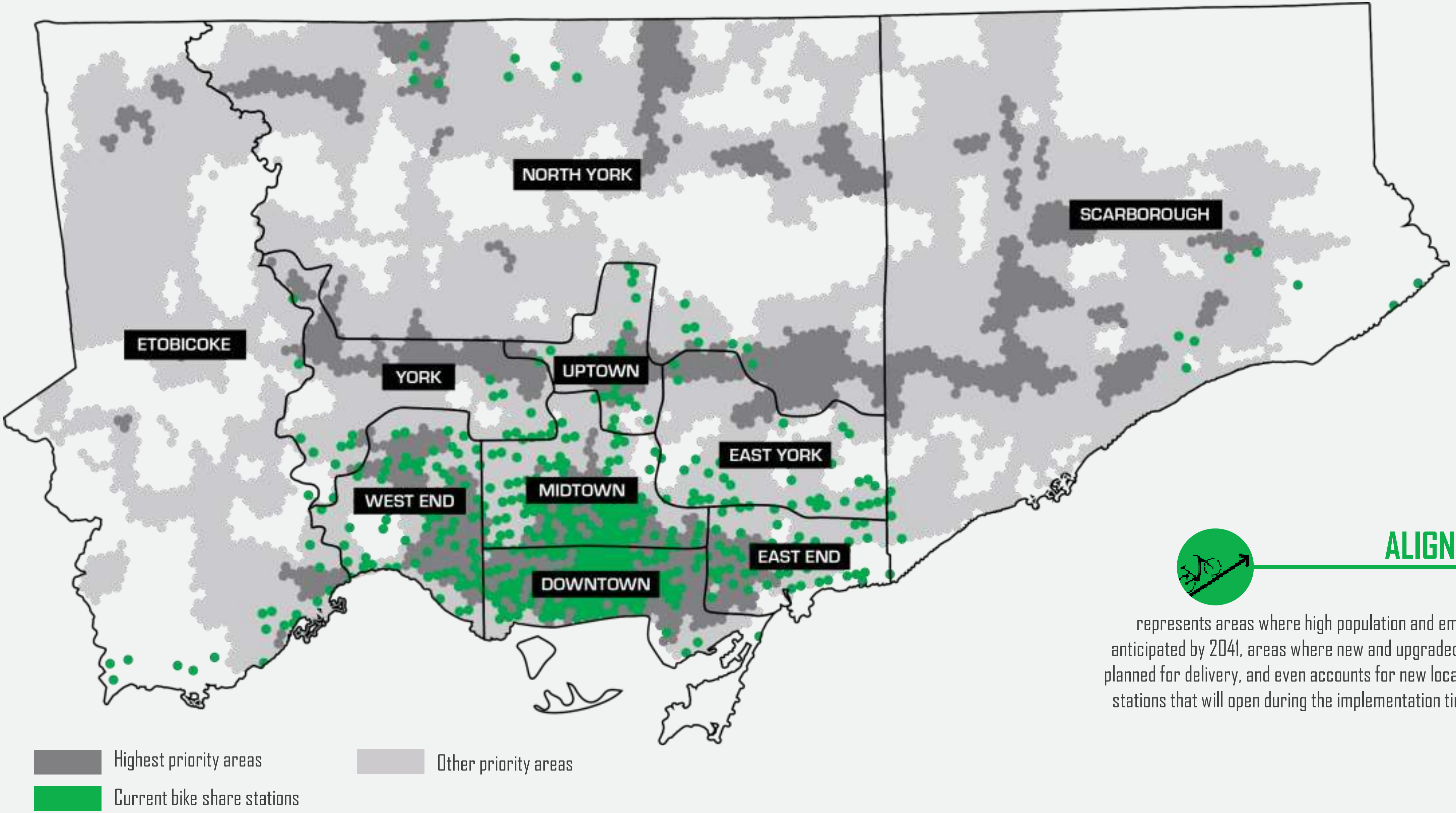
THE EQUITY INPUT

is intended to identify equity-deserving communities that have been historically underserved by infrastructure



THE FIRST/LAST-MILE TRANSIT INPUT

is intended to represent areas that Bike Share can improve access to local and regional.



THE FUTURE ALIGNMENT INPUT

represents areas where high population and employment growth are anticipated by 2041, areas where new and upgraded cycling facilities are planned for delivery, and even accounts for new local and regional transit stations that will open during the implementation timeframe of the Four-year Growth Plan.

SCENARIO ALLOCATION & EVALUATION TOOL

A custom scenario allocation and evaluation tool was developed for this project:

SCENARIO WEIGHTING

This calculates a priority score by weighting the four inputs previously mentioned to create scenarios that inform the distribution of potential stations across the city.

SCENARIO EVALUATION

The distribution of stations in each scenario was evaluated manually by
the project team to consider opportunities and risks associated with implementing and operating the proposed stations.

THE JOURNEY TO 2025

03

BY 2025 BIKE SHARE WILL...

EXPAND THE NETWORK

From 625 stations and 7,165 bikes to over 1,000 stations and 10,000 bikes

INCREASE ACCESS TO ALL 25 WARDS

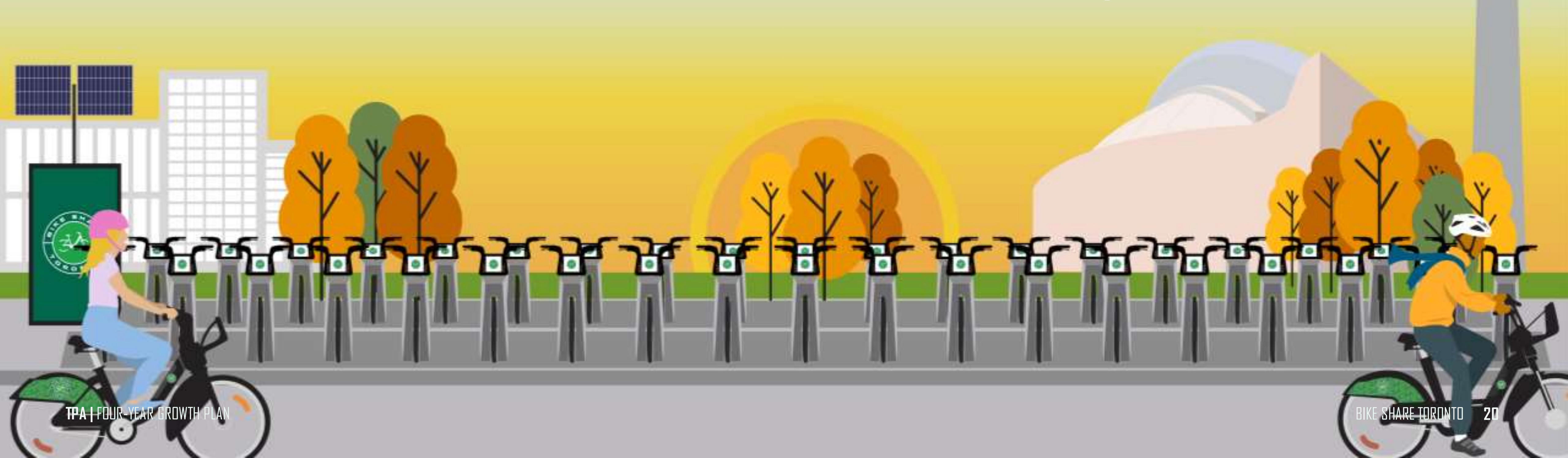
Prioritizing neighbourhoods where residents need access to affordable mobility options

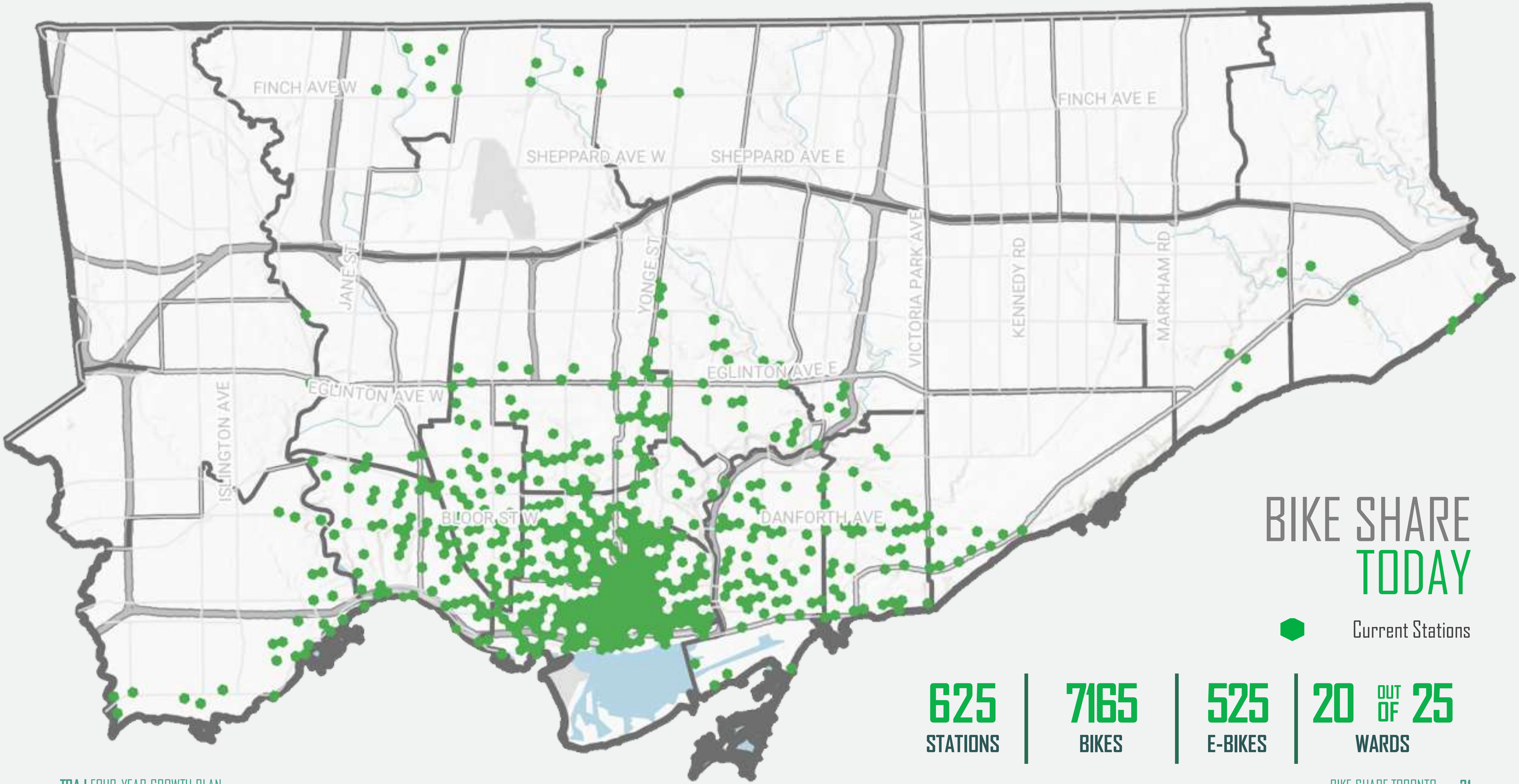
HELPING ACHIEVE NET ZERO CLIMATE ACTION STRATEGY

TransformTO's goal of having 75% of all work and school trips under 5 km being made by walking, cycling, and transit by 2030

ELECTRIFICATION OF OUR NETWORK

Through introducing more E-bike Stations and EV Stations

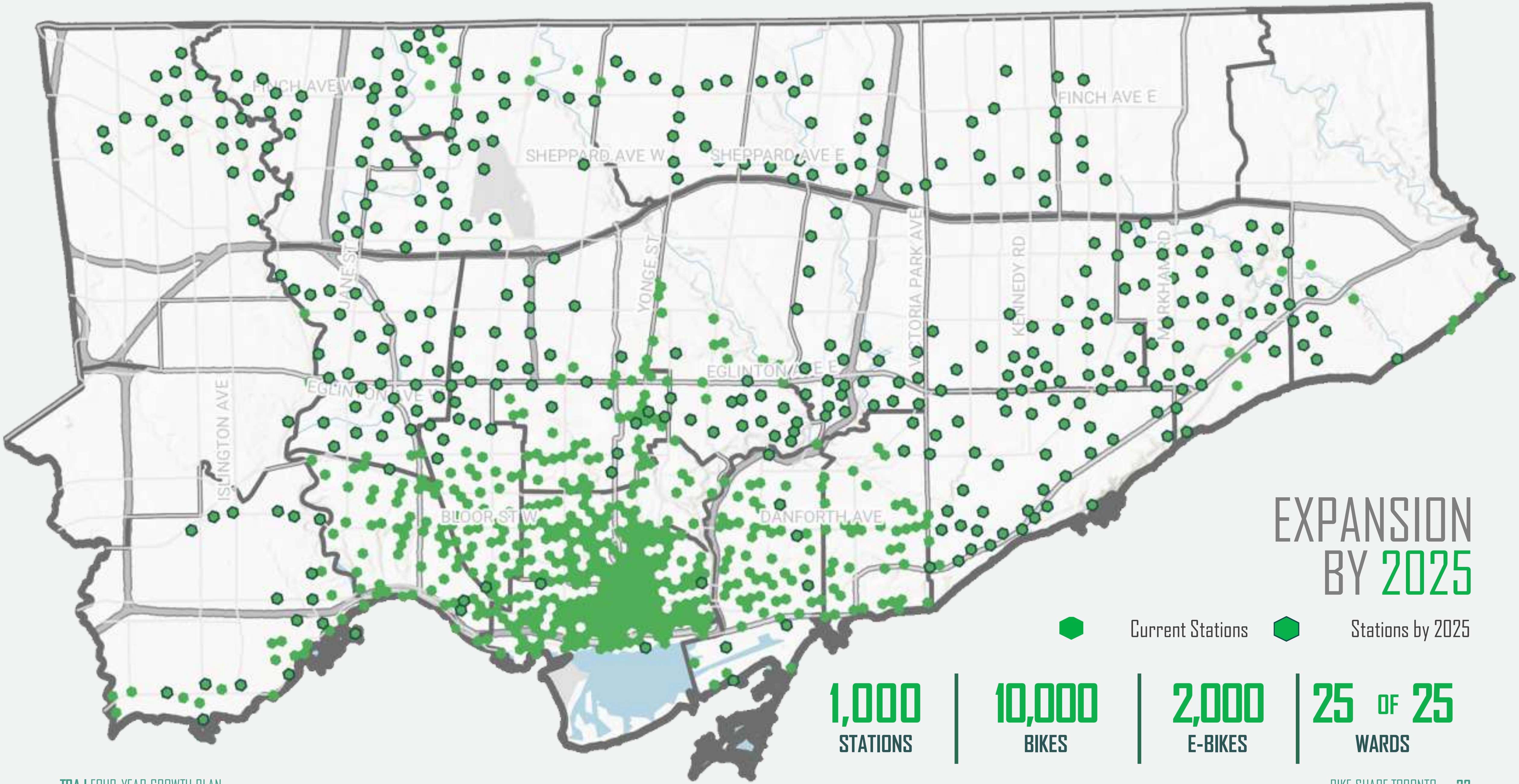




BIKE SHARE TODAY

Current Stations

625 STATIONS | **7165** BIKES | **525** E-BIKES | **20** OUT OF **25** WARDS



EXPANSION BY 2025

Current Stations
Stations by 2025

1,000 STATIONS | **10,000** BIKES | **2,000** E-BIKES | **25 OF 25** WARDS

OUR GOALS TO BETTER SERVE YOU

To Better Serve You

RIDERSHIP

We're making it easier for more people to move and connect. With over 1,000 stations and 10,000 bikes, including e-bikes, we continue to expand Bike Share destinations across the city.

EQUITY

Expanding Bike Share will help to serve more diverse communities and bring neighbourhoods together with a sustainable and equitable mobility option.

ACCESSIBILITY

Connecting the city north and south of the 401, by utilizing the Don and Humber river crossing, will provide greater accessibility throughout the GTA.

REVENUE

The financial impact of the Bike Share network expansion is sustainable.

FIRST/LAST-MILE

By 2025, we will improve residents' options for first/last mile travel by having a Bike Share station located at 101/138 transit stations, 8 more GO Stations, including every station along the TTC Bloor Line subway station.

OUR GROWTH PLAN IS FINANCIALLY SUSTAINABLE

Capital Costs

2022	$6,642M
2023	$9,696M
2024	$7,304M
2025	$5,420M
TOTAL	**$29,062M**

HIGHLIGHTS

Total **subsidy per ride expected to decline** from $0.57 per ride in 2022 with an aspiration to **zero subsidy by 2024**

- ✓ Bike Share in all 25 wards
- ✓ 20% electrification
- ✓ Increased Advertising Opportunities
- ✓ Secure strategic Bike Share partner
- ✓ Easier payment solutions
- ✓ Modern digital solutions for a better customer experience

Capital investments supporting implementation of the Four-Year Growth Plan have been identified in TPA's proposed 2023 Capital Budget and 2024 - 2032 Capital Plan

JOIN THE MOVEMENT

Future State of Bike Share Operating Model

Toronto Parking Authority aspires to make Bike Share Toronto the best bike sharing system in the world.

Current factors such as; *cost of living, environmental change, population growth & density, mobility & transit demands & changing public* **have all influenced and accelerated our need to evolve and scale Bike Share.**
We've also looked outward to learn from best-in-class examples globally.

ONE TEAM, ONE VISION, ONE CITY

The full report is available at **bikesharetoronto.com**