

Vaughan Healthcare Centre Precinct

The next generation of health
innovation is emerging in Vaughan





Cortellucci
Vaughan
Hospital

DAVID
BRALEY
TOWER

GIOVANNI DE GASPERIS • EUGENE KOHN
LEARNING CENTRE

GIOVANNI DE GASPERIS • EUGENE KOHN
LEARNING CENTRE

Vaughan Healthcare Centre Precinct

A world-class destination for excellence in healthcare and health innovation.

In a first-of-its-kind initiative, the City of Vaughan is leading a collaboration to transform an 82-acre parcel of land at Jane Street and Major Mackenzie Drive into the Vaughan Healthcare Centre Precinct (VHCP). Together with partners Mackenzie Health, York University and ventureLAB, the City is developing a world-class destination for healthcare excellence on the lands surrounding the site of the Cortellucci Vaughan Hospital, Canada's first smart hospital. Collectively, each member organization's expertise and physical co-location in the partnership provide an opportunity to leverage cross-disciplinary knowledge, allowing the VHCP to emerge as a leading medical innovation node.

The VHCP will be a **leading medical innovation hub**, representing a collaboration between top educators, researchers, practitioners and business incubators. The VHCP will have a broad mandate encompassing community health innovation in the social, technological and business spheres. It will be a destination of choice for **research, education, innovation, commercialization and services** in healthcare delivery, informatics and wellness, focused on a unique "care without walls" approach.

City of Vaughan

The City of Vaughan is one of the largest municipalities in the Greater Toronto Area, and an important driver of economic activity across York Region and Ontario.

VHCP VISION:

Build an influential medical-focused research node that emerges as a recognized cluster of expertise. Support synergies between a new university anchor, medical facility and incubator to position the VHCP as a dynamic anchor for the GTA and regional innovation ecosystem.

York University

York University ("YorkU") is an internationally recognized and progressive teaching and research university with a strong foundation in health and health-related programs.

VHCP VISION:

Establish a physical presence that embeds health education, research and innovation into a dynamic space where professionals work, develop health policy and deliver care.

Mackenzie Health

Mackenzie Health is a dynamic regional healthcare provider supporting residents across western York Region at Cortellucci Vaughan Hospital, Mackenzie Richmond Hill Hospital and a network of community-based locations.

VHCP VISION:

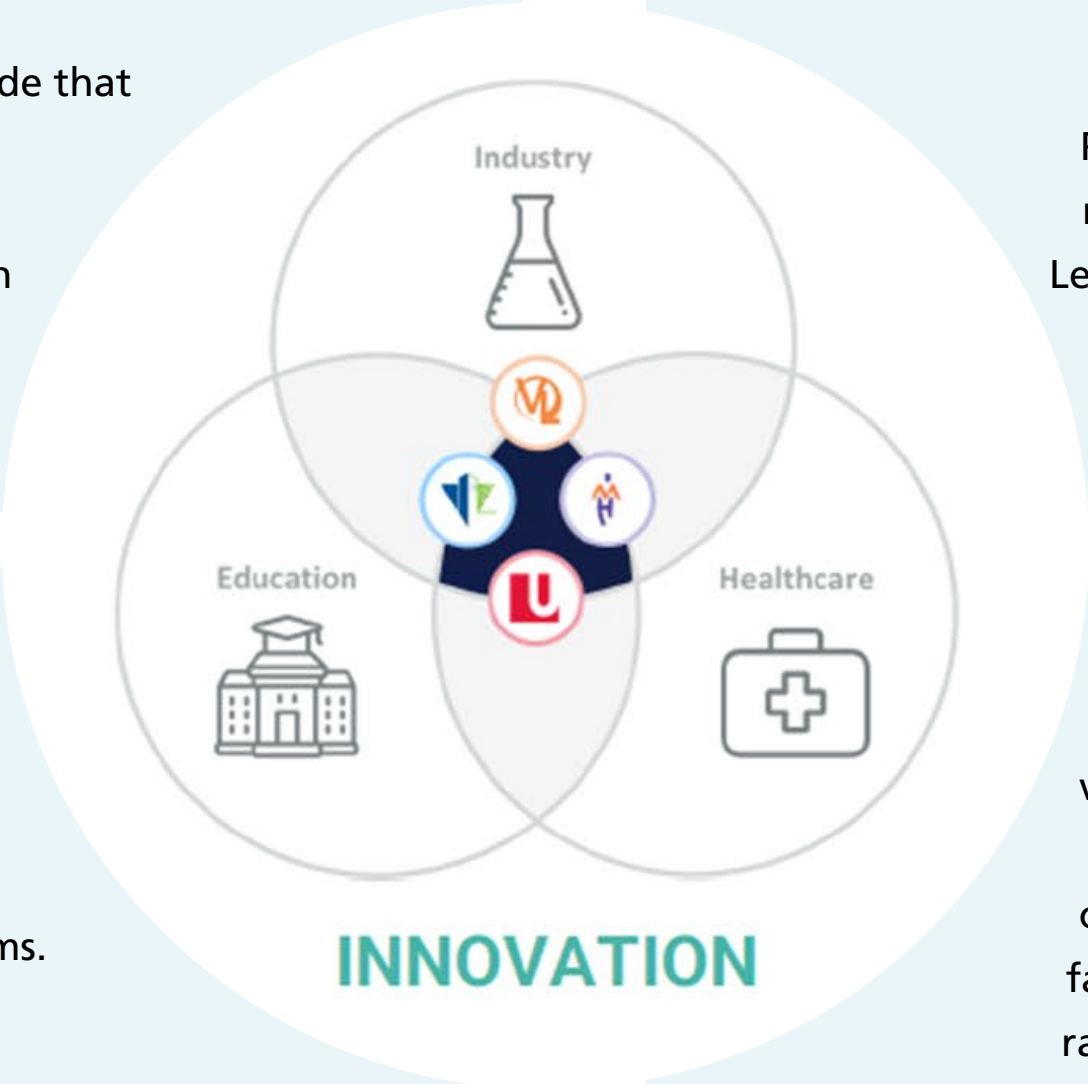
Provide world-class healthcare and ensure capacity to meet the growing regional need for medical services. Leverage local innovation and education ecosystems to develop industry-leading solutions that improve advanced medical care.

ventureLAB

ventureLAB is a leading global founder community for hardware technology and enterprise software companies in Canada. ventureLAB's initiatives have facilitated the creation of more than 4,000 jobs and raised more than \$200 million in investment capital.

VHCP VISION:

Foster, grow and support startup enterprises, leading researchers and multinational corporations. Increase the profile of Vaughan and support made-in-Vaughan companies with the creation of an innovation centre.





Population size
within a 20-minute
drive of the VHCP:
1,000,000+



Co-working spaces

- Office and industrial



Kortright Centre Living Lab

- Product evaluation for new green infrastructure and building design



ventureLAB Medtech Hardware Catalyst Initiative (HCI)



North Maple Regional Park



Cortellucci Vaughan Hospital

- Opened in 2021
- Canada's first smart hospital
- Fully integrated smart technology systems and medical devices
- Health precinct adjacent to hospital; opportunities for healthcare providers
- Mackenzie Health affiliate



Mackenzie Richmond Hill Hospital

- Mackenzie Health affiliate



Southlake Regional Health Centre

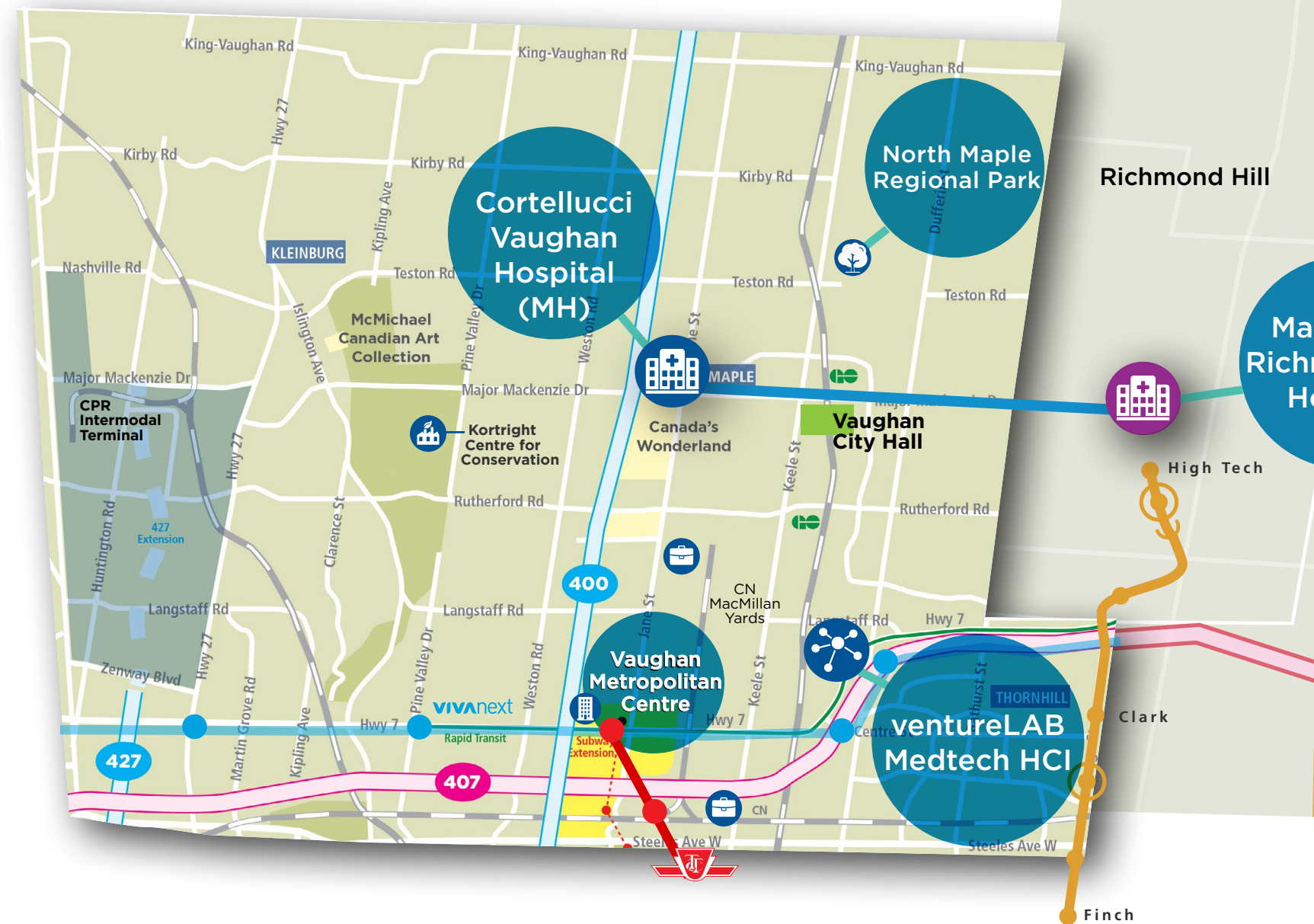


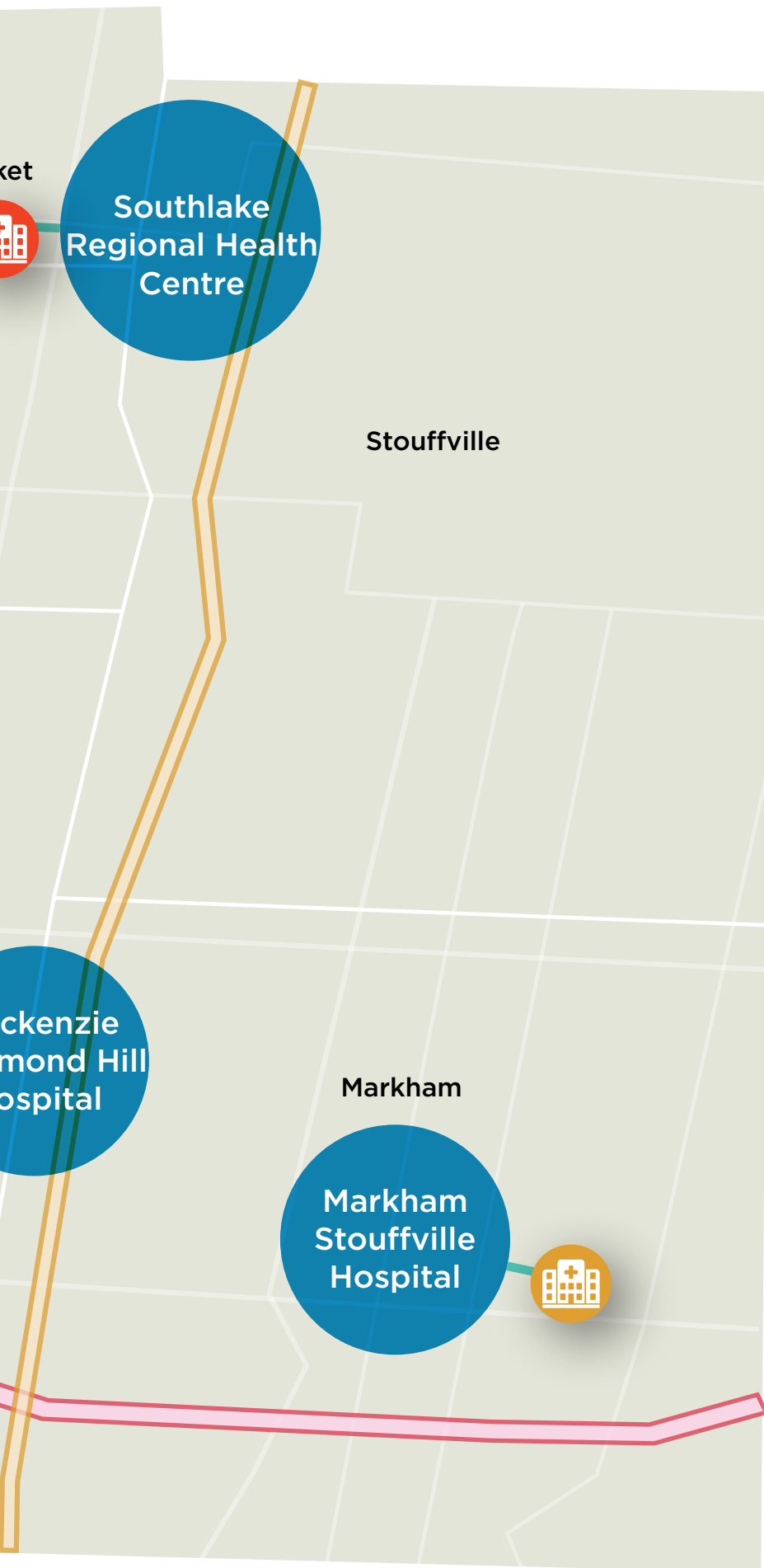
Markham Stouffville Hospital



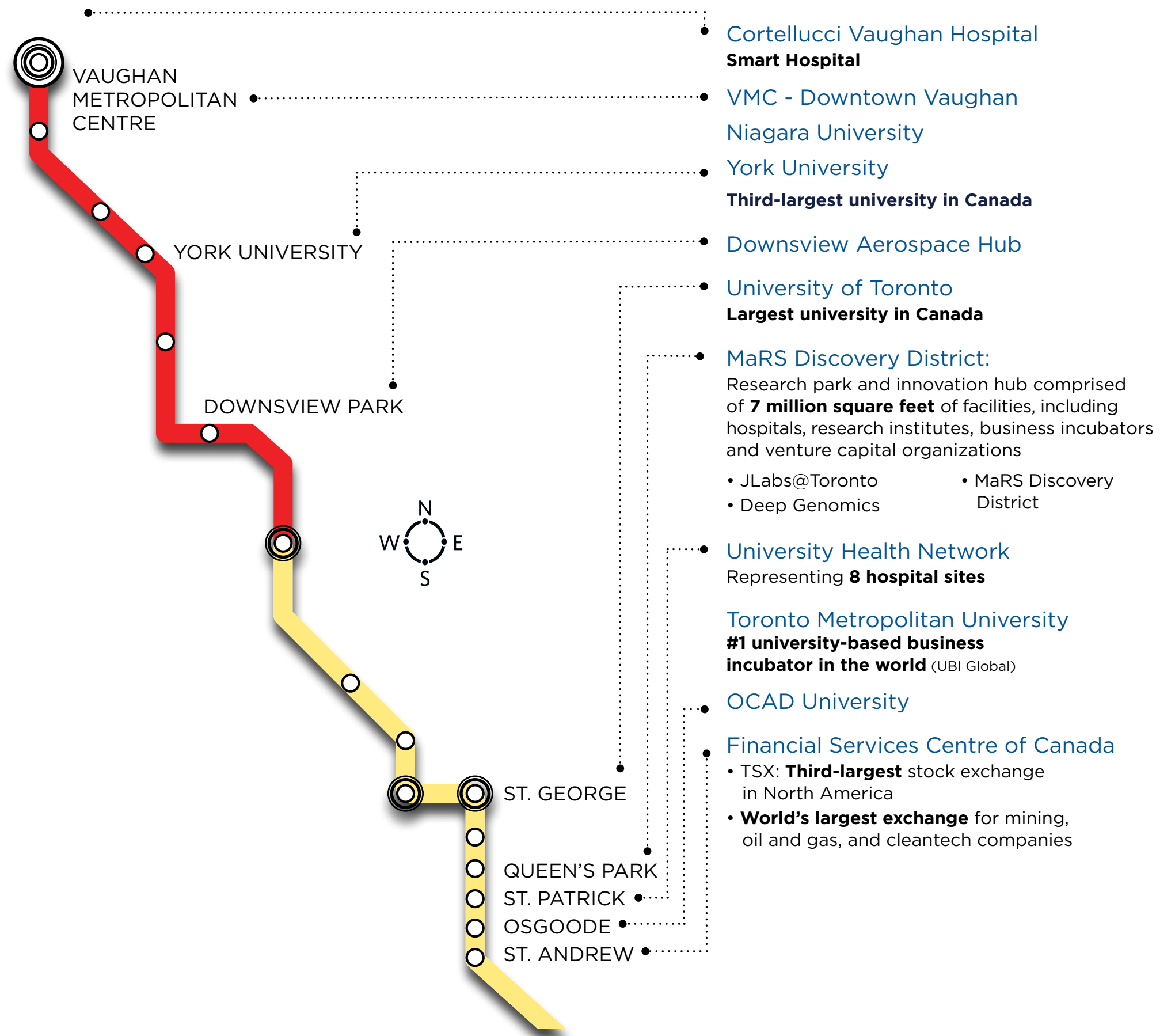
Vaughan Metropolitan Centre (VMC)

- Office opportunities
- High density: 6,500 residents by 2020 and 7,700 residents by 2021





Innovation Corridor TTC Transit: Vaughan to Union Station (TRAVEL TIME: 42 minutes)



Vaughan is a city positioned for success

Ideally located in one of Canada's fastest-growing communities, the VHCP offers easy access to world-class talent, leading research and educational institutes, global and regional transportation networks, and critical resources for innovation and commercialization.

Here are some of the reasons the city of Vaughan is an optimum destination for health and health-technology companies:

The VHCP will support the growth of local health and health-tech sectors, building on the current economic strengths of York Region:

Global companies include, among others, AB Sciex, Allergan, Astellas, Bausch & Lomb, Johnson & Johnson, LGC, Canon Medical, Cardinal Health, Leo Pharma, Chepeid, Olympus Canada, PerkinElmer, Philips Healthcare, Smiths Medical, and Teva Pharmaceuticals. Leading Canadian companies include Amico Group, Apotex, Elastic Care, Extendicare, Impopharma, Nexia Health Technologies, Platinum Naturals and Prolenium Medical, to name a few.

The VHCP is connected to major transportation assets in Vaughan.

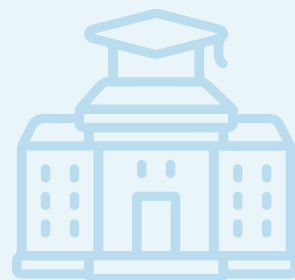
The city of Vaughan:

- has direct access to Highways 427, 400 and 407 and is minutes away from Highways 401, 404 and 410.
- is connected to rail service via the Canadian National (CN) MacMillan Yard, the Canadian Pacific (CP) Railway Vaughan Intermodal Terminal and the passenger rail service via the Maple and Rutherford stations on GO Transit's Barrie line.
- has subway service via three stations on the Toronto Transit Commission's Line 1.
- has access to non-stop flights on 75 carriers to 180 destinations worldwide via Toronto Pearson International Airport — Canada's busiest airport — located within 10 kilometres of Vaughan's southwestern boundary.



350+

Life Sciences & Health Tech
companies in York Region



40,000

Metro-Area Life Sciences & Healthcare
Degree Students



18

World-class hospitals within
50km of the VHCP

Strategic Objectives

The VHCP will be an epicentre for collaborative development of next-generation solutions to policy-based, technology and systemic healthcare challenges.

EDUCATION AND RESEARCH



HEALTHCARE



Innovation



INDUSTRY



Collaborative Goals

Translating research and innovation to policy and practice, improving quality of care and enabling “care without walls”

Research collaboration between Mackenzie Health clinicians and York University faculty from a broad spectrum of disciplines will generate new approaches to acute care. This includes understanding multiple diseases in one patient simultaneously in terms of prevention, management and rehabilitation of injuries, chronic conditions and post-surgical treatments.

Leverage data analytics, machine learning and smart technology to advance efficiency and quality of care

Pair the hospital’s smart technology and solutions developed by ventureLAB companies with York University’s data analytics and machine learning expertise to advance the quality and efficiency of care.

Commercialization of innovative health technologies

Collaboration between Mackenzie Health, York University and ventureLAB to foster co-operation and co-development between private sector/entrepreneurs and clinicians/hospital administration, and to incubate and scale innovative health technologies.

Preparing the health workforce of the future

Creating experiential and integrated learning opportunities to train the next generation of healthcare professionals to utilize modern, world-class practices and to be proficient with the latest technologies.





Economic Impact

The widespread economic impacts associated with the development of the VHCP will generate significant one-time and ongoing operational investments.

ONE-TIME CONSTRUCTION BENEFITS



\$755M in total economic value add
81% generated in Vaughan



6,300 construction jobs (FTE's)
across Canada
84% located in Vaughan



\$276M in government revenues
\$49M accruable to Vaughan

ANNUALLY REALIZED OPERATIONAL BENEFITS



\$402M in total economic value add
82% generated in Vaughan



3,200 jobs (FTE's) across Canada
70% in professional, scientific and technical services



\$121M in government revenues
\$9M accruable to Vaughan

The VHCP will become a regional anchor that attracts economic growth and activity, thereby catalyzing future investment in the local economy.

Mackenzie Health is already generating significant economic output and will continue to grow as Mackenzie Health’s footprint expands in Vaughan:

Cortellucci Vaughan Hospital has a capacity of up to **350** beds with room to grow to up to **550** beds

4,715 staff
682 physicians
700 volunteers

In the first year since Mackenzie Health opened its second hospital:

3,100 births
166,000 Emergency Department visits
3,400 operating room procedures
15,000 mental health outpatient visits



Contact

City of Vaughan

Economic Development
2141 Major Mackenzie Dr.
Vaughan, ON, Canada L6A 1T1

905-832-8526
North America toll-free: 1-844-832-2112
ed@vaughan.ca
vaughanbusiness.ca

