

Smart City Task Force

Draft Findings and Recommendations Report

Vaughan Smart City – The Way Forward

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Findings and Recommendations Recap

1. Vaughan Smart City Vision Statement
2. Eight Guiding Principles
3. Four Strategic Objectives
4. 2022-2026 Term of Council Smart City
Advisory Committee

Vision Statement

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*Vaughan will become a
**leading, exciting and
resilient** smart city
through **collaborative
transformation** that
enhances quality of life
for all residents.*



8 Guiding Principles

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People-first	Accountable and transparent	Collaborative	Connected
Equitable, inclusive and accessible	Security and privacy- focused	Reliable	Future-Ready

5 Smart City Themes



Smart Mobility

Safe movement of people, goods and services



Smart Economy

Driving opportunity and productivity



Smart Community

Engaged and Connected Community



Smart Sustainability

Safeguarding our future



Smart Government

Providing Services, Better

4 Strategic Objectives

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1. **Develop infrastructure** to enable smart technology
2. **Build buy-in** with residents, businesses and stakeholders
3. **Grow the Smart City Ecosystem:**
Explore opportunities for external collaboration
4. **Develop strong governance** with a new Smart City Policy

Objective #1:

Develop infrastructure to enable smart technology

What we heard:

Infrastructure is at the core of a smart city. This includes physical and digital systems that connect various IT systems and streamline the flow of information.

Suggested actions include:

1. Build and advance capacity for technology and digital infrastructure foundations (physical structures, cabling, and network systems, software systems, data analysis and standards, security)
2. Be future-ready for new opportunities (e.g. 5G)

Objective #2

Build buy-in with residents, businesses and stakeholders

What we heard:

In order for smart cities to be effective, it is important to communicate and involve Vaughan residents, businesses and stakeholders.

Suggested actions include:

1. Storytelling: Revamp the smart city website to share stories to highlight how citizens are benefiting from innovation, every day. Use various communication channels to share upcoming and current initiatives.
2. Educate: Involve residents in programs and communicate smart city projects to the community
3. Inclusive: Ensure that all resident considerations are included
4. Leverage the future Smart City Advisory Committee to identify future smart city opportunities and use cases

Objective #3

Grow the Smart
City Ecosystem:
Explore
opportunities for
external
collaboration

What we heard:

Success in smart cities is built on collaboration. Vaughan should continue to embrace a culture of working with external stakeholders.

Suggested actions include:

1. Develop channels for citizen co-creation like hackathons for entrepreneurs and small businesses
2. Review existing policies and develop programming to make it easier for R&D innovations and smart city pilots

Objective #4

Develop a strong governance with a new Smart City Policy

What we heard:

The City needs a policy to guide the ethical and responsive use of smart technologies to support Vaughan's smart city vision and to safeguard residents' data and privacy.

The future Smart City policy should include the following:

- 1. Privacy:** There is a need to balance privacy with potential operational improvements. The city will provide assurance to residents about the privacy of the data collected with clear communication and transparency
- 2. Data and security:** Increase transparency in government data and ensure that systems protect personal and sensitive information
- 3. City Data sharing:** Vaughan should work towards accessible and open data. A starting point would be to explore a data-sharing agreement with key stakeholders

Objective #4 (Cont'd)

Develop a strong governance with a new Smart City Policy

Smart City Policy (cont'd):

4. **Data ownership:** The City should start by owning all data collected and it should be stored on the cloud in Canada
5. **Governance:** The City cannot run a smart city alone. Vaughan should design a collaborative model on how to decide which smart technology to implement
6. **Funding and partnership:** Think outside the box and design alternative approaches to traditional financing models. For example: develop pilot fund accounts like the City's innovation reserve, revenue sharing agreements, and other public-private partnerships

Smart City Initiatives Underway

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**MoveSmart
Mobility
Management**

Digital Strategy

**Winter
Maintenance
Artificial
Intelligence
Program**

**LED Streetlight
Retrofit Program**

**WCCD – ISO
Certifications**

**Smart Technology
and AI Integration
in Public Works**

New Recommended Projects and Priorities

**2022-2026
Term of Council**

Smart Kiosks

**Smart Residents
Platform**

**Learning
Neighbourhoods
(Densification
Nodes)**

**City Innovation
Challenges**

**Digital
Infrastructure
Platform**

**Digital 3D View of
a City**

**Smart City
Incubator and
Accelerator**

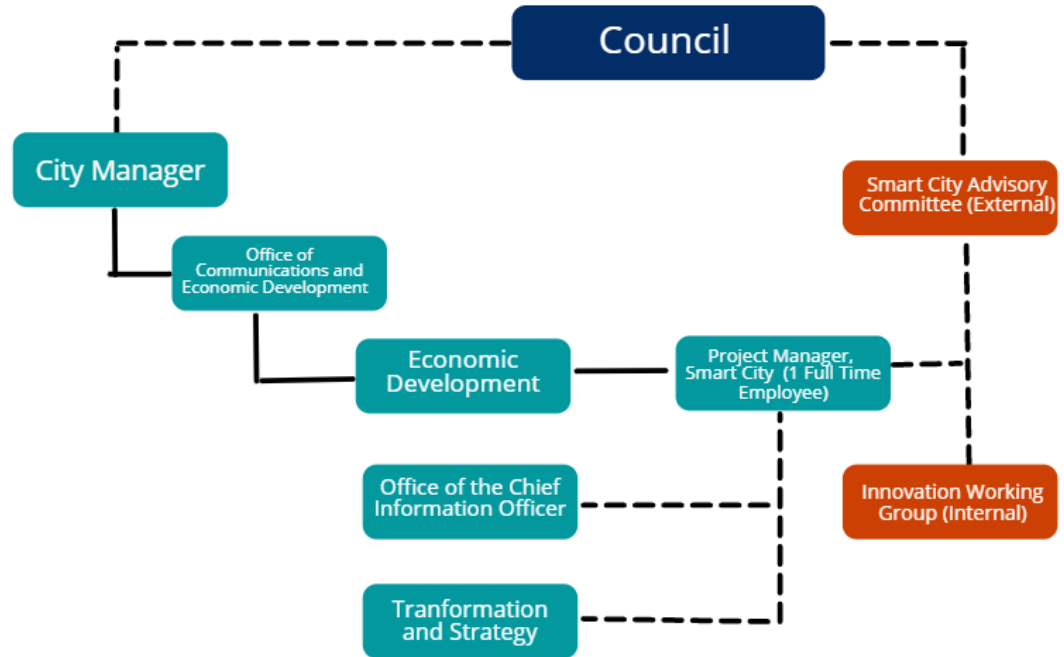
**Smart City
Enabled, Purpose-
Driven Civic
Engagement**

2022-2026 Term of Council

Smart City Advisory Committee

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Mandate: Smart City Advisory Committee will provide guidance and insights to staff on new and ongoing smart city projects



Next Steps

- April 12-26, Task Force members can comment
- April 29, deliver a final draft to Chair and Vice-Chair including task force comments
- May 6, receive final approval from Chair and Vice-Chair
- June 7, final findings report in Committee of Whole