

C15
COMMUNICATION
COUNCIL – SEPTEMBER 28, 2022
Ceremonial Presentation #1



WCCD

THE WORLD COUNCIL ON CITY DATA

**WCCD ISO 37120 Platinum &
ISO 37122 Global Early Adopter
Certification
City of Vaughan**

<http://www.dataforcities.org/>

Twitter: @WCCityData

Facebook: WCCityData

Patricia McCarney
President and CEO

James Patava
Vice President

Congratulations!

ISO 37120



WORLD COUNCIL
ON CITY DATA

ISO 37120



WORLD COUNCIL
ON CITY DATA

ISO 37122



WORLD COUNCIL
ON CITY DATA

The City of Vaughan is being awarded the WCCD ISO 37120 Platinum Certifications and WCCD ISO 37122 Global Early Adopter Certification today – demonstrating a commitment to high calibre data and data driven planning, management and governance for a smart, sustainable and prosperous future.



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CELEBRATING VAUGHAN: EIGHT CERTIFICATIONS UNDER WCCD ISO 37120 SERIES

ISO 37120



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ISO 37120



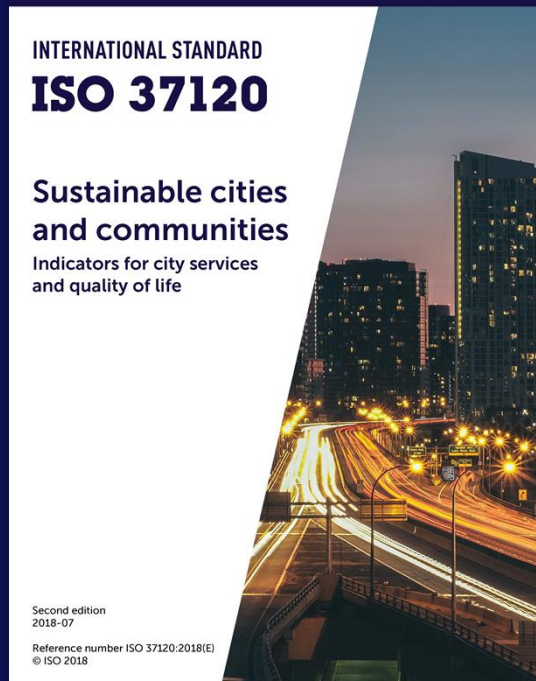
WORLD COUNCIL
ON CITY DATA

ISO 37122



WORLD COUNCIL
ON CITY DATA

The ISO 37120 SERIES

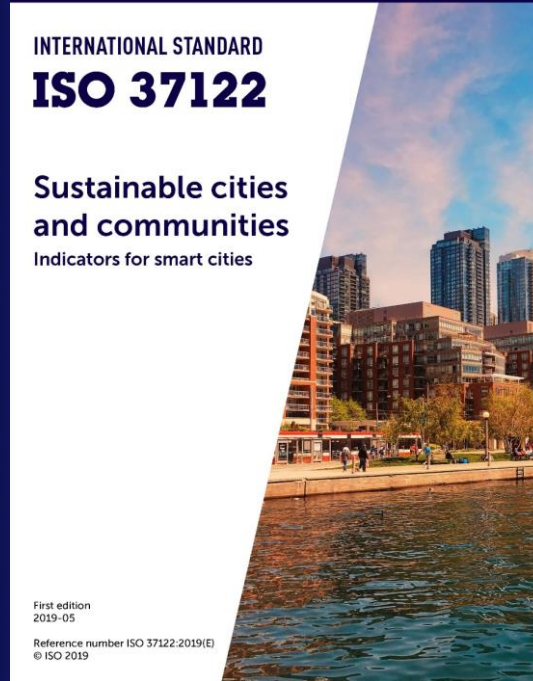


ISO 37120

Indicators for City Services and Quality of Life

The **1st** ISO Standard for cities

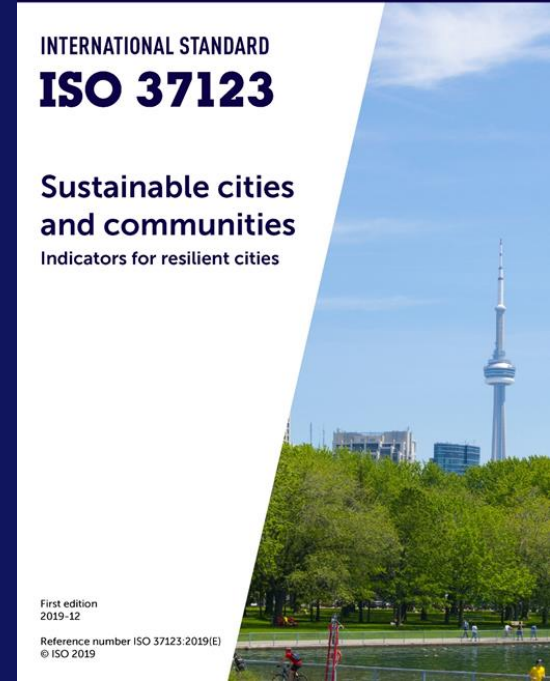
WCCD is implementing this global first in over **100 cities** across **35 countries**



ISO 37122

Indicators for Smart Cities

Cities globally are becoming early Adopters and demonstrating that **data is the essential starting point for Smart Cities**
Tracking Data that is Citizen Focussed



ISO 37123

Indicators for Resilient Cities

Cities globally are becoming Early Adopters and demonstrating that data is instrumental in building more Resilient Cities to plan for, and recover from, shocks and stresses



WCCD | WORLD COUNCIL
ON CITY DATA



UNDRR
UN Office for Disaster Risk Reduction

The ISO 37120 SERIES - ISO 37120 & ISO 37122 & ISO 37123 –
252 KPIs with globally standardized definitions and methodologies across 19 themes

19^{themes}

252^{indicators}



Economy



Education



Energy



Environment &
climate change



Finance



Governance



Health



Housing



Population &
social conditions



Recreation



Safety



Solid Waste



Sport & Culture



Telecommunication



Transportation



Urban/local agriculture
& food security



Urban Planning



Wastewater



Water



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ON CITY DATA

How can WCCD-certified ISO data now be put to work in Vaughan?

Data applications for globally standardized data



Internal Benchmarking



Global Benchmarking



Strategic Planning



Economic Development



Infrastructure Investment



Localizing Global Agendas



WCCD INVESTMENT ATTRACTION TOOL



HUMAN CAPITAL & INNOVATION

Knowledge Economy

Quality Education

A Global Talent Pool



ECONOMIC VIBRANCY

Employment Outlook

Growth Trajectory

Land, Property, and Housing



LIVABILITY

Commitment to a Healthy Community

Citizen Well-being

Sustainable & Resilient Environment



STATE OF THE CITY

Commitment to Safety

Sound Financial Management and Good Governance



MOBILITY & CONNECTIVITY

ICT Infrastructure

Efficient Transportation



WCCD

WORLD COUNCIL
ON CITY DATA



HUMAN CAPITAL & INNOVATION

Knowledge Economy

Number of new patents per 100 000 population per year

Percentage of the labour force employed in occupations in the education and research and development sectors

Percentage of the labour force employed in occupations in the information and communications technology (ICT) sector

Percentage of city population with professional proficiency in more than one language

Number of science, technology, engineering and mathematics (STEM) higher education degrees per 100 000 population

Number of higher education degrees per 100 000 population

Quality Education

A Global Talent Pool

Employment Outlook

Growth Trajectory

Land, Property, and Housing

Commitment to a Healthy Community

Citizen Well-being

Sustainable & Resilient Environment

Commitment to Safety

Sound Financial Management and Good Governance

ICT Infrastructure

Efficient Transportation



ECONOMIC VIBRANCY



LIVABILITY



STATE OF THE CITY



MOBILITY & CONNECTIVITY



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DATA DRIVEN INSIGHTS SUPPORTING THE CITY OF VAUGHAN'S TERM OF COUNCIL STRATEGIC PRIORITIES 2018-2022



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A DEMOGRAPHIC SNAPSHOT: SHOWCASING A YOUTHFUL POPULATION

Vaughan Demographic Profile

ISO 37120

Age Cohort

Senior Population Aged 65+



Child Population Aged 0-14

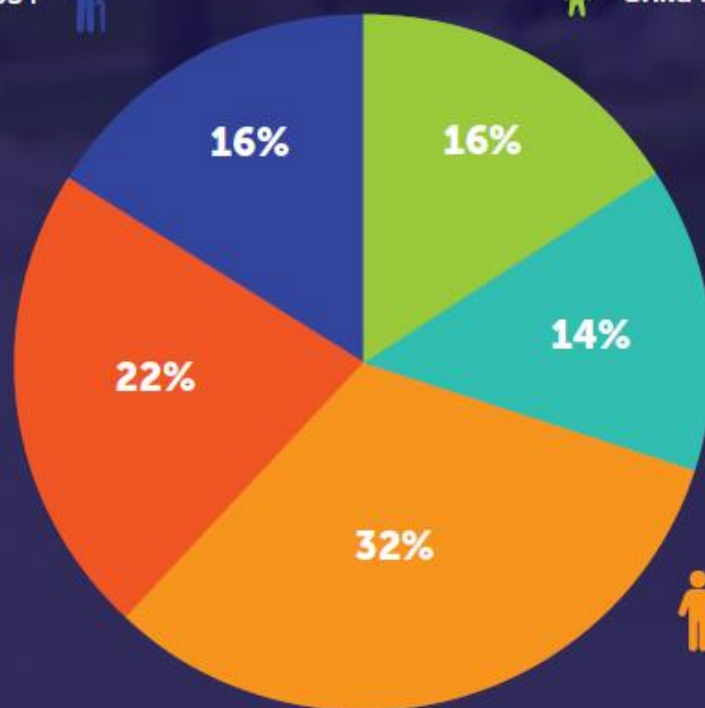


Youth Population Aged 15-24

Adult Population (Late Career)
Aged 50-64



Adult Population (Early Career)
Aged 25-49



TERM OF COUNCIL STRATEGIC PRIORITY: TRANSPORTATION AND MOBILITY

Strategic Goal Statement: To be a fully connected and integrated community, the City will undertake initiatives to improve the municipal road network, support the development of transit and increase cycling and pedestrian infrastructure.

Sustainable Development Goals



A CONNECTED CITY

Kilometres of Public Transport System per 100 000 Population

ISO 37120 Indicator 19.1

(/100 000)



TERM OF COUNCIL STRATEGIC PRIORITY:
CITY BUILDING

Strategic Goal Statement: To build a world-class city, the City will continue its planning and development in support of key city-wide developments and initiatives that encompass good urban design and public spaces that foster community well-being.

Sustainable Development Goals



PRIORITIZING EFFICIENT AND EQUAL INFRASTRUCTURE

Percentage of Street Lighting that has been Refurbished and Newly Installed

ISO 37122 Indicator 7.7



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CITY BUILDING

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Sustainable Development Goals



PRIORITIZING EFFICIENT AND EQUAL INFRASTRUCTURE

Percentage of Public Buildings that are Accessible by Persons with Special Needs

ISO 37122 Indicator 13.1



TERM OF COUNCIL STRATEGIC PRIORITY:
ENVIRONMENTAL STEWARDSHIP

Strategic Goal Statement: To protect the environment and foster a sustainable future, the City will act as a steward to preserve the natural environment by encompassing principles of environmental protection into our social and economic initiatives.

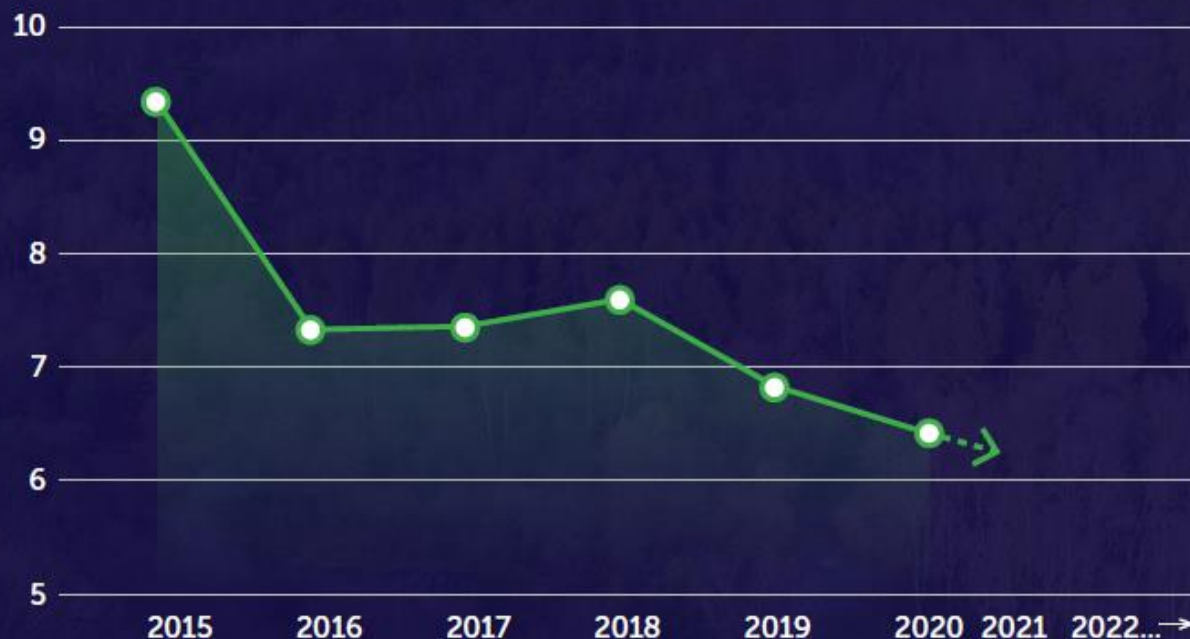
Sustainable Development Goals



SHOWCASING ANNUAL AIR QUALITY IMPROVEMENT

Fine Particulate Matter (PM2.5) Concentration

ISO 37120 Indicator 8.1



PM2.5 measures levels of fine particulate matter in the air, such as fine dust and soil particles, acids, metals and allergens. Health effects from high concentrations of particulate matter in the air are predominantly associated with respiratory and cardiovascular issues.

TERM OF COUNCIL STRATEGIC PRIORITY:
ACTIVE, SAFE AND DIVERSE COMMUNITIES

Strategic Goal Statement: To ensure the safety and well-being of citizens, the City will commit to engagement and cohesiveness by supporting and promoting community events, arts, culture, heritage, sports and fire prevention awareness.

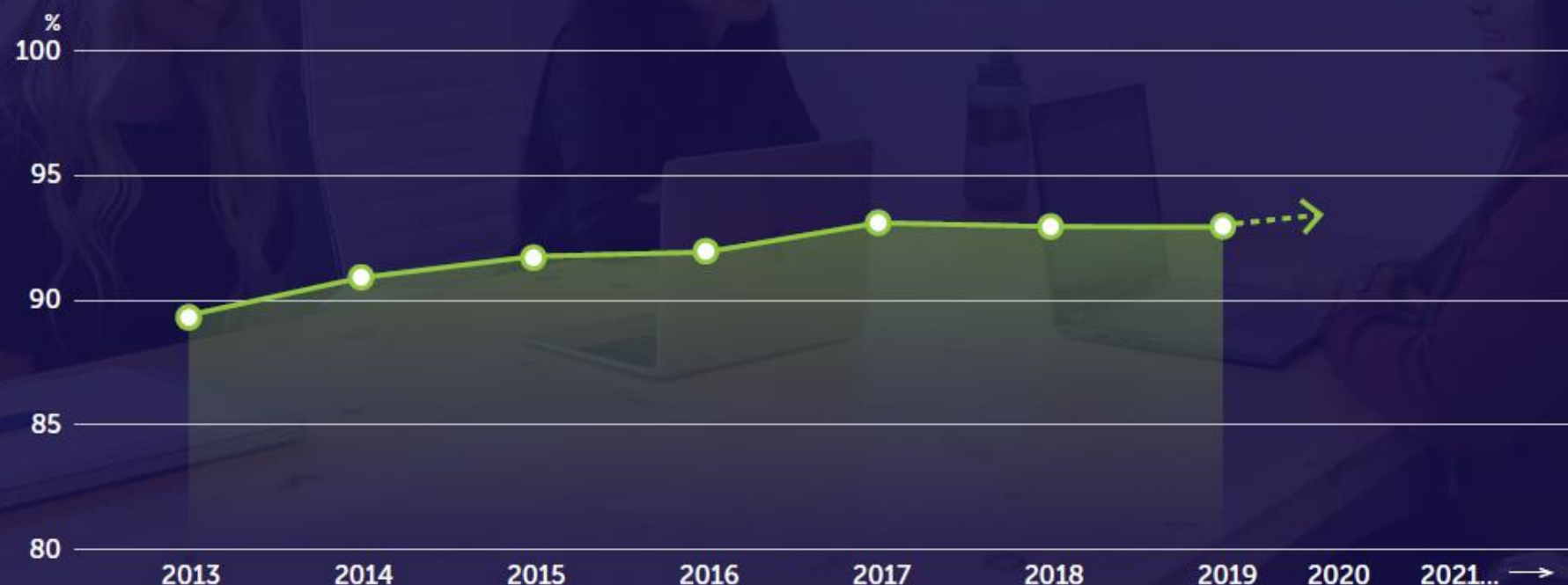
Sustainable Development Goals



SUPPORTING STUDENT SUCCESS

Percentage of Students Completing Secondary Education

ISO 37120 Indicator 6.3



TERM OF COUNCIL STRATEGIC PRIORITY: ECONOMIC PROSPERITY, INVESTMENT AND SOCIAL CAPITAL

Strategic Goal Statement: To ensure Vaughan continues to be the place to be, the City will undertake initiatives to ignite economic prosperity and social capital, and celebrate Vaughan as an entrepreneurial city and the gateway to economic activity in the Greater Toronto Area, Ontario and Canada.

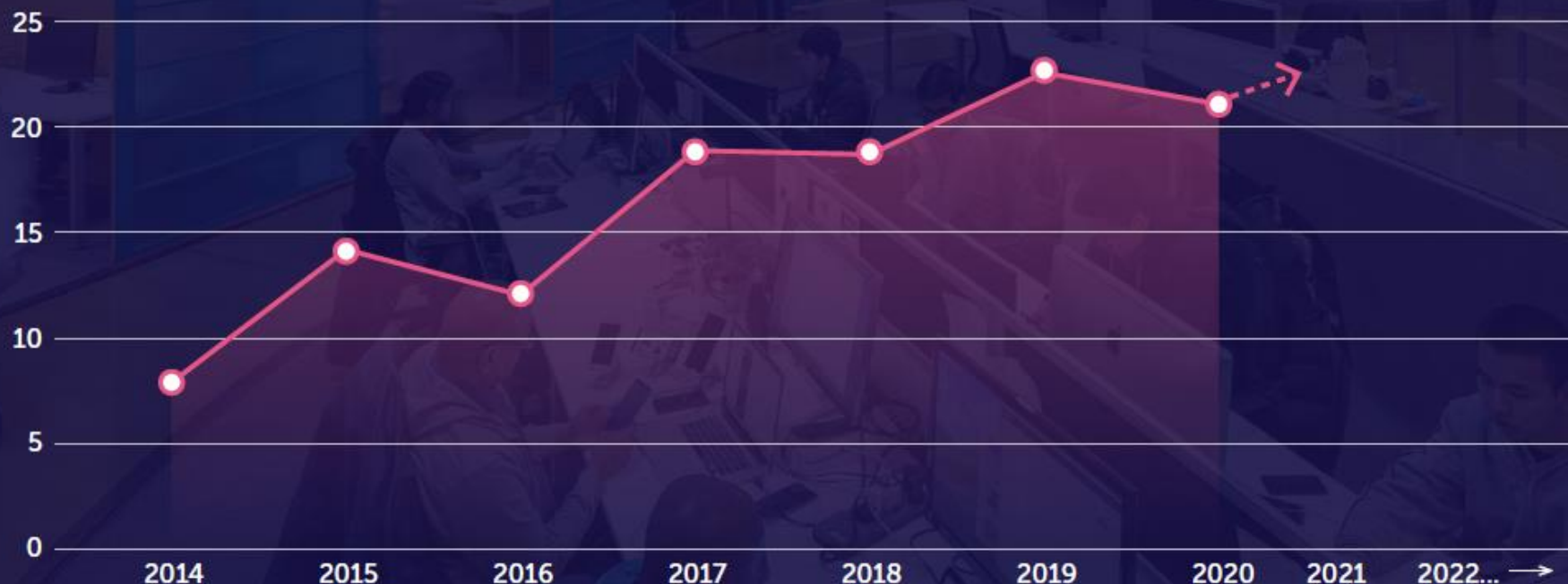
Sustainable Development Goals



AN INNOVATIVE CITY

Number of New Patents per 100 000 Population

ISO 37120 Indicator 5.6



TERM OF COUNCIL STRATEGIC PRIORITY:
CITIZEN EXPERIENCE

To ensure citizens receive the best experience in person, by telephone and electronically, the City will provide exceptional end-to-end citizen-centred services, enhance access and streamline services with the use of technology.

Sustainable Development Goals



FACILITATING STREAMLINED SERVICES

Percentage of Building Permits Submitted through an Electronic Submission System

ISO 37122 Indicator 21.2



CITY OF VAUGHAN
WCCD ISO 37120
PLATINUM CERTIFICATIONS
THE HIGHEST LEVEL OF CERTIFICATION



WCCD

ISO 37120

ISO 37120



**WORLD COUNCIL
ON CITY DATA**

ISO 37120



**WORLD COUNCIL
ON CITY DATA**

ISO 37120



WORLD COUNCIL
ON CITY DATA

Certificate Of Registration

ISO 37120 Sustainable Development of Communities:
Indicators for City Services and Quality of Life

The World Council on City Data certifies that:

VAUGHAN

Has reported indicators in conformity
with ISO 37120 at the

Platinum Level - ISO 37120

And has been added to the WCCD Global Cities Registry™

Reporting Year: **2020**

Certificate Registration Number: **2020-P-0209**

Certificate Expiry Date: **September 30, 2023**


Patricia McCarney
President and CEO
World Council on City Data



ISO 37120



WORLD COUNCIL
ON CITY DATA

Certificate Of Registration

ISO 37120 Sustainable Development of Communities:
Indicators for City Services and Quality of Life

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Platinum Level - ISO 37120

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Reporting Year: **2021**

Certificate Registration Number: **2021-P-0210**

Certificate Expiry Date: **September 30, 2023**


Patricia McCarney
President and CEO
World Council on City Data





WCCD

CITY OF VAUGHAN

WCCD ISO 37122

GLOBAL EARLY ADOPTER CERTIFICATION



ISO 37122



**WORLD COUNCIL
ON CITY DATA**

ISO 37122



**WORLD COUNCIL
ON CITY DATA**

Certificate Of Registration

**ISO 37122 Sustainable Cities and Communities -
Indicators for Smart Cities**

The World Council on City Data certifies that:

VAUGHAN

**Has reported indicators in conformity
with ISO 37122 as an**

Early Adopter - ISO 37122

And has been added to the WCCD Global Cities Registry™

Reporting Year: 2020

Certificate Registration Number: S22-2020-E-0010

Certificate Expiry Date: August 31 2023

A handwritten signature in dark ink, appearing to read 'P. McCarney', is positioned above a horizontal line.

Patricia McCarney
President and CEO
World Council on City Data



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ON CITY DATA**



WCCD | **WORLD COUNCIL
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THE WORLD COUNCIL ON CITY DATA



**WCCD ISO 37120 Platinum &
ISO 37122 Global Early Adopter
Certification**

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