

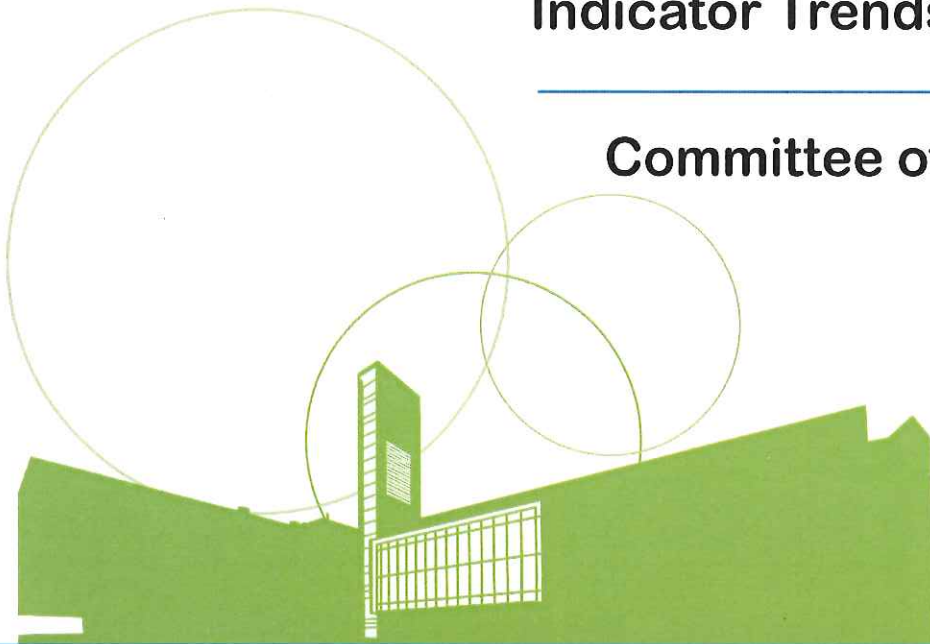
# Green Directions Vaughan

## Annual Update Report

### Indicator Trends 2011 to 2016

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Committee of the Whole (Working Session)  
April 9, 2018



# Green Directions Vaughan (GDV)

- GDV provides core principles of sustainability for operational and regulatory functions
- GDV sets a corporate and community ethic that engages:
  - All City Portfolios
  - Regional and Provincial government, utilities and other agencies
  - Community stakeholders (residents, business, schools, not-for-profits)
- Action 6.1.6 states that an annual update report be prepared on the status and accomplishments for the purpose of monitoring the implementation of the plan.



# GDV Renewal – Progress Update

Phase 1 – Revised Sustainability Actions (complete)

Phase 2 – Community Engagement (complete)

- Main community workshop held on Nov. 29, 2017 with about 80 ideas contributed
- 28 stakeholder meetings to date, attended by almost 70 people
- Over 100 sessions and over 3,600 votes on “All Our Ideas”

Finalization of Actions and Report to Council in Q2 2019



## GDV Indicators

First report presenting multi-year trends for most of the 24 quantitative indicators

GDV Renewal project allows for review of the 24 quantitative indicators to align with the City's participation in the World Council on City Data and the recent Sustainable Development Goals



**WCCD**  
ISO 37120



*"... creating smart, sustainable, resilient, and prosperous cities."*

# Green Directions Vaughan Indicator Framework

## Goal 1

### "What We Use"

Energy  
Climate Change & Air Quality  
Stormwater & Water  
Solid Waste

## Goal 2

### "How We Grow"

Greenspace  
Urban Tree Canopy  
Sustainable Built Form

## Goal 3

### "How We Get Around"

Walking & Cycling Paths  
Transit Trips

## Goal 4

### "How We Live"

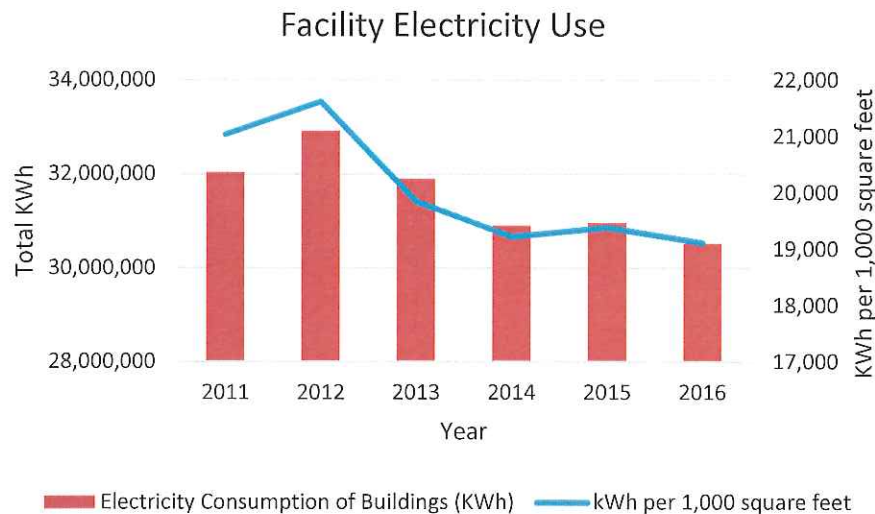
Active Community  
Creative Community  
Economic Activity

## Goal 5

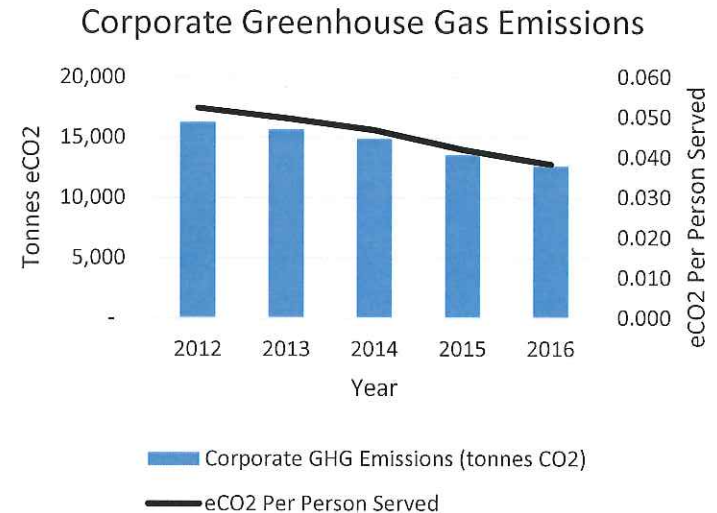
### "How We Lead"

Engagement

## Goal 1: What We Use – Corporate Energy

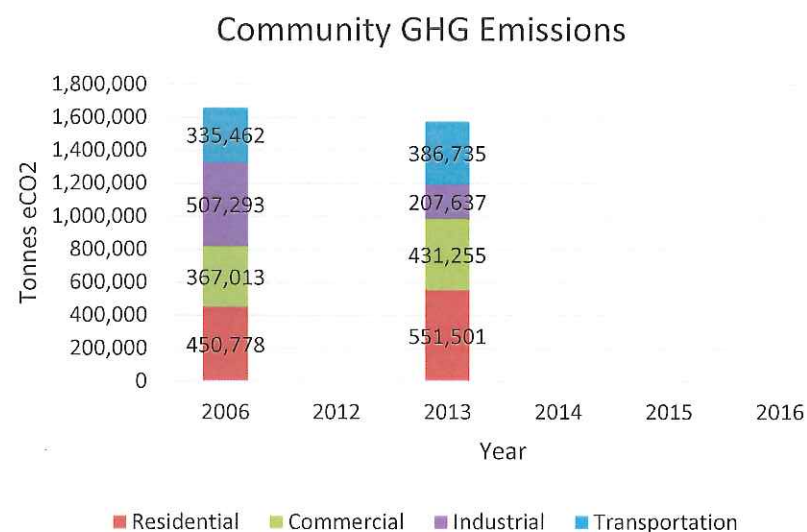
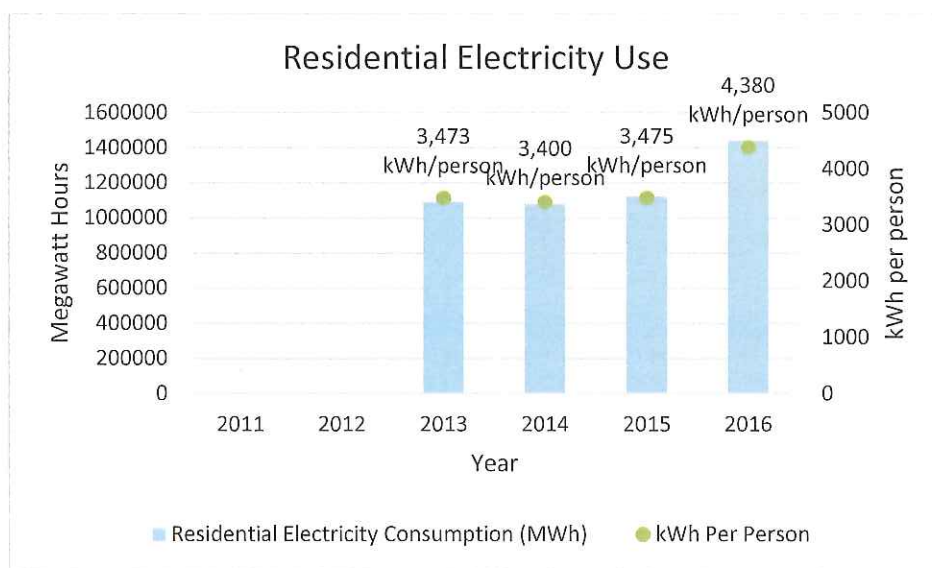


Facility electricity use decreased almost 5% between 2011 to 2016.



Corporate GHG emissions per resident served decreased 27% from 2012 to 2016.

## Goal 1: What We Use – Community Energy

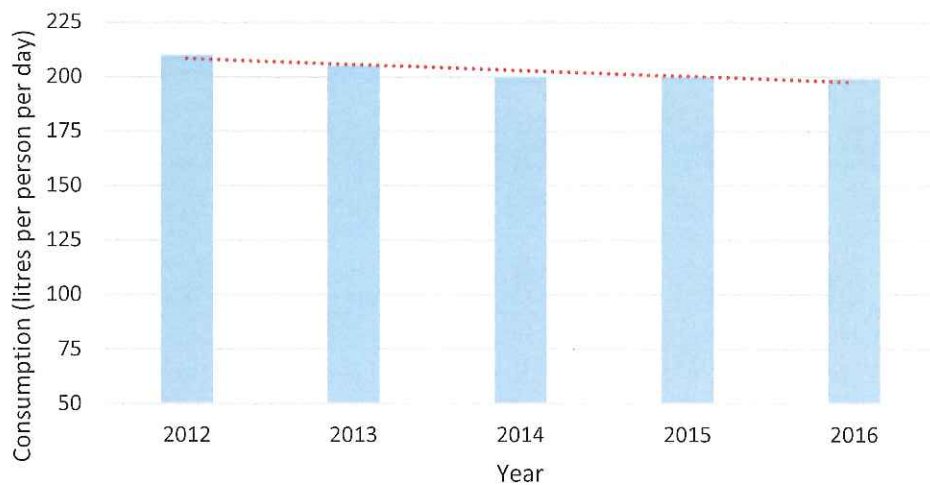


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While there is considerable policy direction to act on climate change, community energy data remains difficult to obtain.

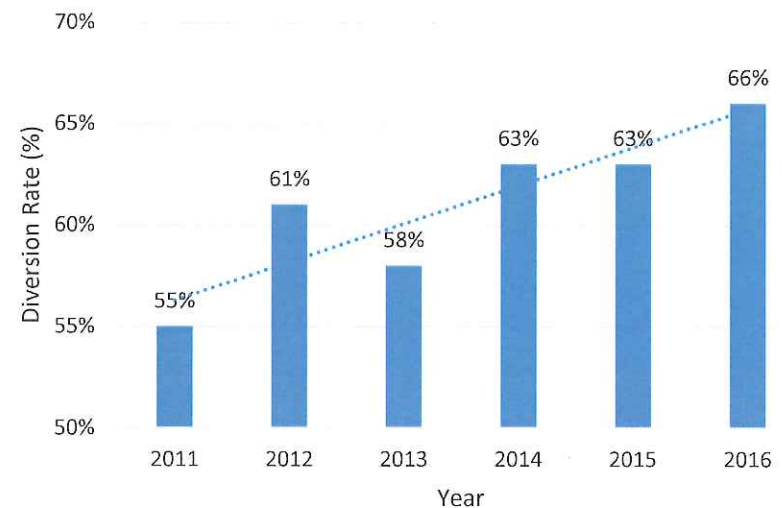
## Goal 1: What We Use – Water and Waste

Water Consumption (litres per person per day)



Residential water consumption decreased 5% from 2012 to 2016.

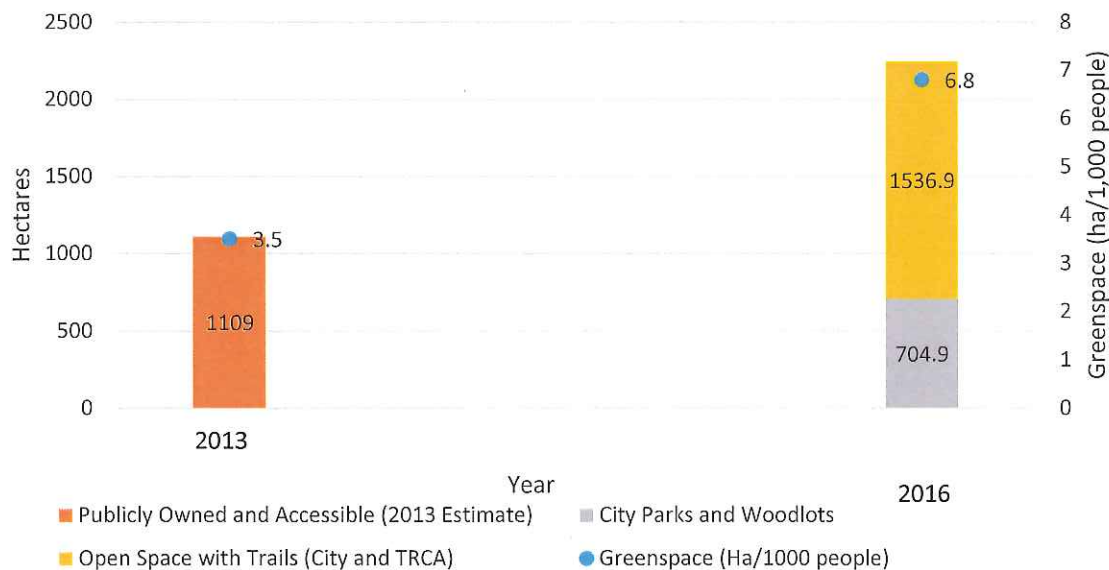
Residential Waste Diverted from Landfill



Residential waste diversion improved 11% from 2011 to 2016.

## Goal 2: How We Grow

Greenspace Indicator



Green Certified Floor Area in Vaughan Buildings

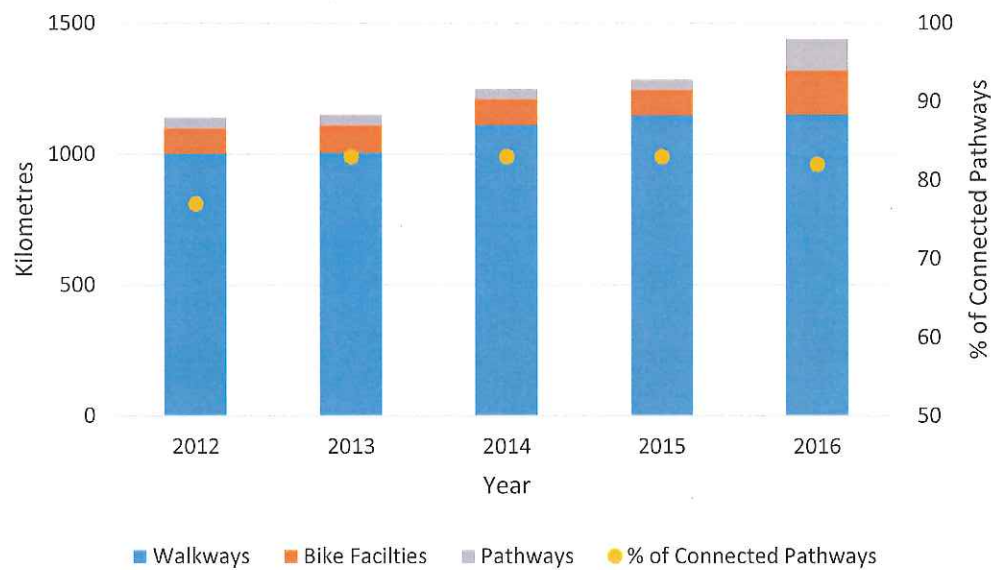


Greenspace increase reflects publicly owned lands becoming publicly accessible through trail construction and improved data tracking.

192% increase from 2011 to 2016 in floor space certified to a green building standard.

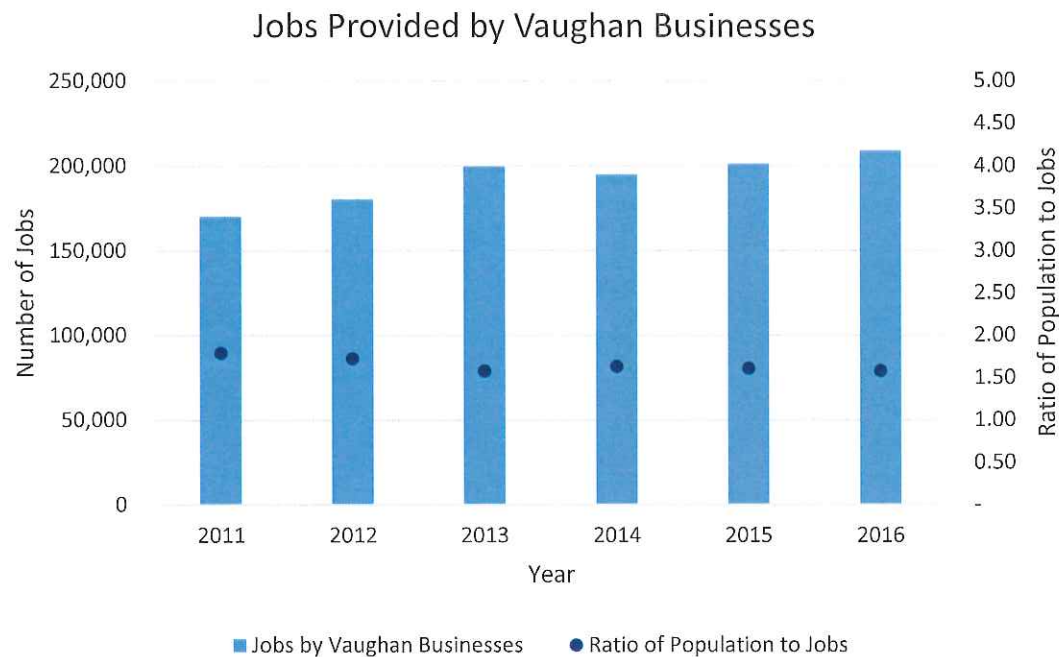
## Goal 3: How We Get Around

Walking and Cycling Paths



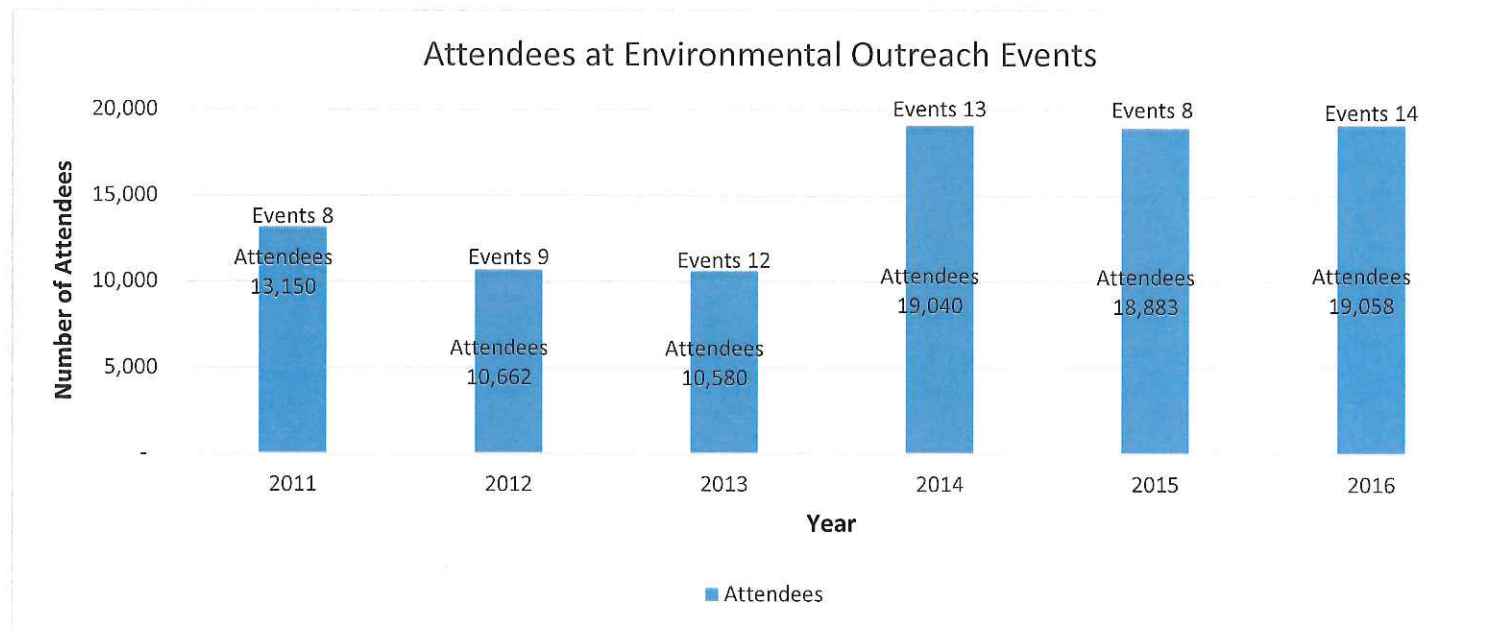
The length of walking and cycling paths increased by 26% from 2011 to 2016 with over 1,400 total kilometres of active routes across the city.

## Goal 4: How We Live



The number of jobs provided by Vaughan businesses increased by 23% from 2011 to 2016. In 2016, over 200,000 jobs were provided by Vaughan businesses.

## Goal 5: How We Lead



From 2011 to 2016, the number of attendees at environmental events increased 45%. In 2016, over 19,000 residents participated in events like Earth Hour Vaughan and 20-Minute Makeover.

## Communicating Success

- Indicators are generally trending in the right direction (2011 – 2016)
- GDV provides a platform to share positive environmental, social, and economic stories
- In the revision of Green Directions Vaughan, staff will explore how communicating results can also assist in encouraging **collective impact**.
- Several indicators need to be replaced or to represent Vaughan-specific progress and can be aligned with City efforts regarding Results Based Accountability.

