

# City of Vaughan Municipal Energy Plan

**Stakeholder Advisory Group Meeting #1**

**WELCOME!**

# Meeting Agenda

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1. Introduction
2. Project Overview and Background
3. Overview of MEP Planning Process
4. Data Collection and Analysis
5. Q & A
6. Overview of Stakeholder Advisory Group and your role
7. Opportunities and Goals
8. Wrap Up

# Introductions

# Project Background

# Green Directions Vaughan – Community Sustainability and Environmental Master Plan

What We use



**Goal 1: To significantly reduce our use of natural resources and the amount of waste we generate**

How & Where We Grow



**Goal 2: To ensure sustainable development and redevelopment**

How We get around



**Goal 3: To ensure that Vaughan is a city that is easy to get around with a low environmental impact**

How We live



**Goal 4: To create a vibrant community where citizens, business and visitors thrive**

How We lead



**Goal 5: To be leaders in advocacy and education on sustainability issues**

How We operate



**Goal 6: To ensure a supportive system for the implementation of the Community Sustainability and Environmental Master Plan**

# Vaughan's Climate Change Commitment



Reduce greenhouse gas emissions through actions such as working with the community to develop a local action plan

*(Goal 1, Objective 1.2)*

What has the City already done Corporately?

- Energy Conservation & Demand Management Plan approved by Council in June 2014
  - Green building commitment- LEED Gold , Fire Hall 7-9, 7-10 , City Hall & LEED Silver - Resource Library (2015)
  - Conservation/engagement-Earth Hour
  - Operational changes

# Partners for Climate Protection (PCP)

The PCP program is a network of Canadian municipalities that have committed to reducing GHG emissions and acting on climate change.

It provides participating municipalities with a performance-based model structured around five program milestones:

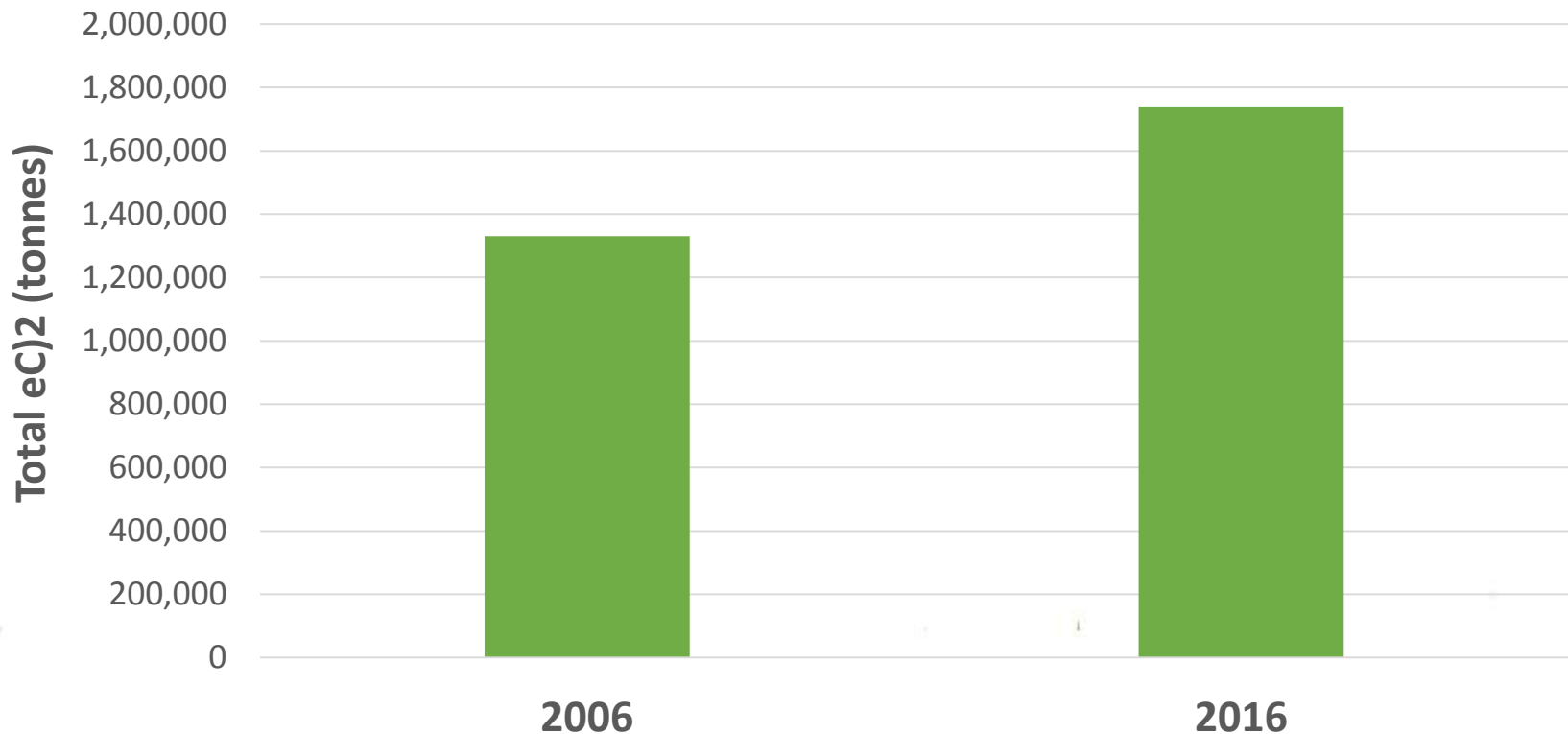
1. **Establish a GHG inventory and forecast**
  2. **Set emission reduction targets**
  3. **Develop a local action plan**
  4. Implement the local action plan
  5. Monitor progress and report results
- **Completed**



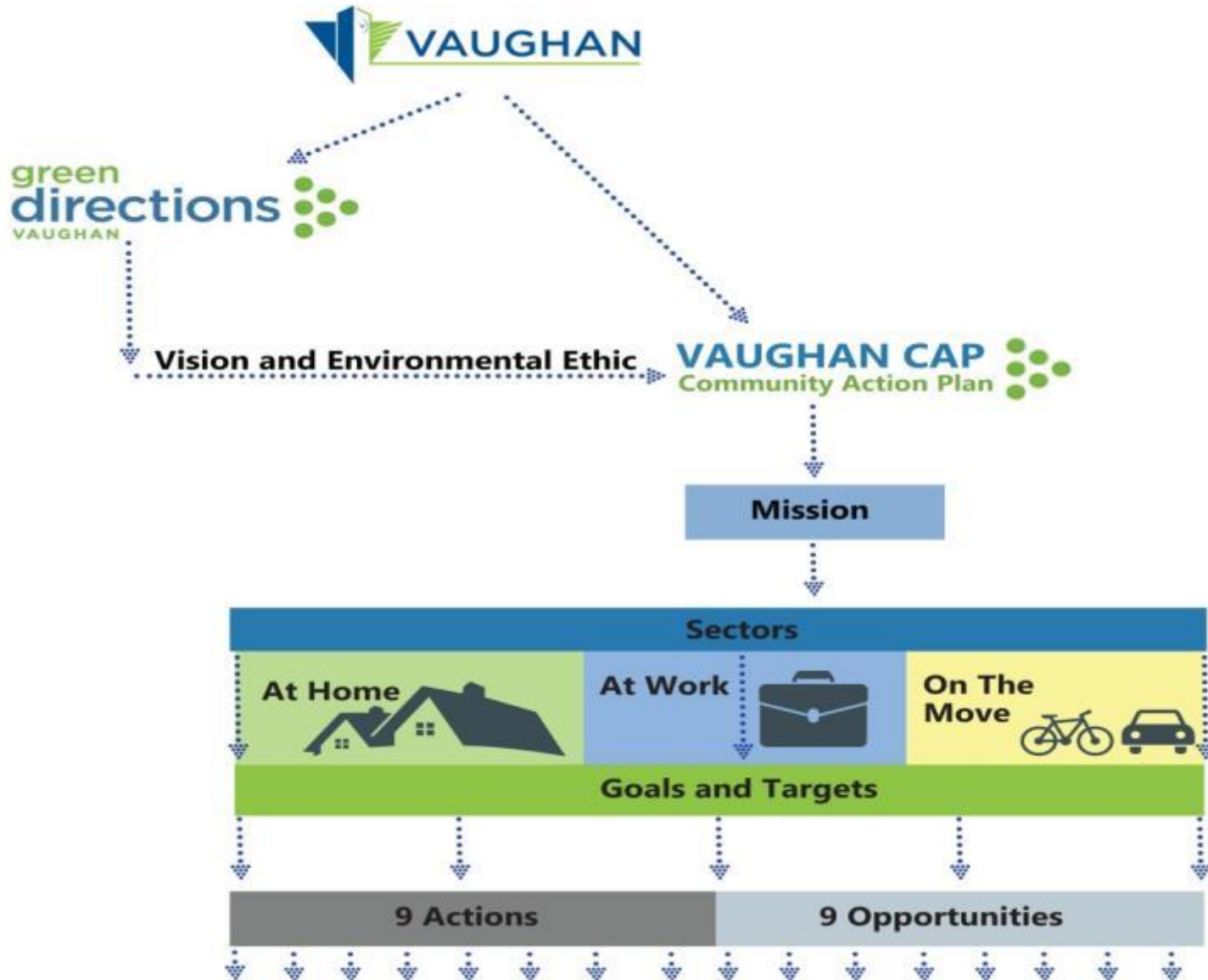


# Forecasted Emission Levels

- Population from 2006 to 2016 expected to increase by 31% from 249,345 to 326,082
- Equates to an additional 312,634 tonnes of eCO<sub>2</sub>



# Greenhouse Gas Community Action Plan



# Actions & Opportunities

## ACTIONS

1. New Construction Requirements for Residential Buildings
2. Residential Energy Conservation and Efficiency Retrofit Program
3. District Energy
4. New Construction Requirements for Commercial Buildings
5. IC&I Energy Conservation and Efficiency Retrofit Program
6. Land Use Planning Policy
7. Active Transportation and Transportation Demand Management
8. Public Transit Enhancements
9. Residential Waste Diversion

## OPPORTUNITIES

1. Sustainable Neighbourhood Pilot
2. Environmental Leaders Network
3. Eco-Business Zone
4. Enhanced Anti-Idling Efforts
5. Electric Charging Stations
6. Use of Alternative Fuels
7. IC&I Waste Diversion and Leadership
8. IC&I Food Waste Diversion

# Overview of MEP & Planning Process

# MEP Project Overview

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From agenda...

- What is a MEP?
- How does it fit with other initiatives at the City?
- What's included? Or not?
- How does it fit with the participants present?  
What are the impacts to them?
- How does it tie to PCP and recently completed CCAP?

# Project Goals & Objectives

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The MEP process is broken down into 3 program stages:

## 1. Stakeholder engagement

- Engagement will include this Advisory Group, engagement with municipal staff and utilities, and the public.

## 2. Baseline Energy Studies (BLS) and Energy Mapping

- Will allow us to analyze opportunities for energy reduction/conservation initiatives.

## 3. Municipal Energy Plan Development

- Long-term vision and strategy for energy conservation and green energy solutions.

# Project Goals & Objectives

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The MEP will be:

- Comprehensive
- Forward thinking
- Collaborative
- Stakeholder driven
- Integrated with existing plans and initiatives
- Developed using best practices

Q & A



# Overview of the SAG and your role

# Overview of SAG's purpose and role

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The Stakeholder Advisory Group (SAG) ...

- Is a non-political advisory committee
- Provide an ongoing mechanism for input and advice to develop the MEP
- Provides an opportunity for stakeholders across different sectors to discuss the MEP
- This includes goals, data analysis, maps, actions, targets, integration and implementation.

# Terms of Reference

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- Purpose of the Terms of Reference
  - Role of the SAG
  - Guidelines for how the SAG will operate, including how and when meetings will take place
- Mandate
  - Forum for advice, feedback and guidance to Project Team
  - Broader stakeholder reactions and concerns and how these might be addressed
  - Development of each step of the work
  - Deliberate and review input received from stakeholders

# Stakeholder Advisory Group

- Acting as a sounding board
- Providing guidance, critiques and suggestions
- Sharing technical advice and knowledge
- Actively participating and sharing knowledge
- Identifying potential issues or concerns
- Participating in two-way communication between members' constituencies and the Project Team
- Attending all SAG meetings whenever possible
- Coming prepared to meetings

**Questions? Concerns about role?**

# Sectors Represented on SAG

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Energy  
generation &  
distribution

Energy users

Buildings &  
built form

Land use  
planning &  
development

Transportation

Are there others that should be invited?

# Stakeholder Advisory Group Meetings

| Meeting  | Date              |
|--|-------------------|
| #1 – Project Overview, Desired outcomes and goals for the MEP                            | October 2, 2014   |
| #2 – Review of Planning Context, Vision and Potential Actions                            | November 4, 2014  |
| #3 – Present and review baseline data, Discuss current energy patterns and opportunities | December 9, 2014  |
| #4 – Review energy maps, Identification of potential targets and actions, Implementation | January 13, 2015  |
| #5 – Review of actions, Discuss implementation approach                                  | February 10, 2015 |
| #6 – Review of Draft Plan and next steps   | March 2015 - TBD  |

# SAG Logistics

- Format
  - Six meetings over the length of the project
  - Open discussion and working format
  - Meetings facilitated by Project Team
- Suggested that meetings be held:
  - Vaughan City Hall
  - Tuesdays
  - Time? morning/afternoon/evening?

**Are the frequency, timing and location of the meetings appropriate/feasible?**

# SAG Administration

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- What is the best way to share information? E-mail, Dropbox?
- How much time do you need to review materials?
- Can we go paperless?
- How else can we reduce our environmental impact?



**Down to Work**

# Key Questions

Spend 5 minutes at your table discussing each of the following questions:

1. What types of opportunities does having a MEP present for you?
2. What are the challenges you see in completing the process?
3. What goals would you like the MEP to achieve?

# HIGHLIGHTS

**WRAP UP**

# Next Steps

- Questions, concerns, ideas?
- Compile summary of opportunities, challenges and goals of MEP for Vaughan
- Distribute meeting notes
- Next SAG meeting
  - November 4<sup>th</sup>
  - Review of Planning Context
  - Review of Best Practices
  - Vision, Principles, Goals and Objectives
  - Update on baseline energy data collection/analysis



# Thank You!



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