



London  
CANADA

An aerial photograph of London, Ontario, Canada. The foreground is filled with a dense forest of trees in various shades of green and yellow, indicating autumn. In the middle ground, there are several roads and residential buildings. In the background, a city skyline is visible under a clear blue sky, featuring several tall buildings and a construction crane. The word "LONDON" is written across the middle of the image in large, white, semi-transparent capital letters.

LONDON

# Community Energy Action Plan

**Prepared for Civic Works Committee**

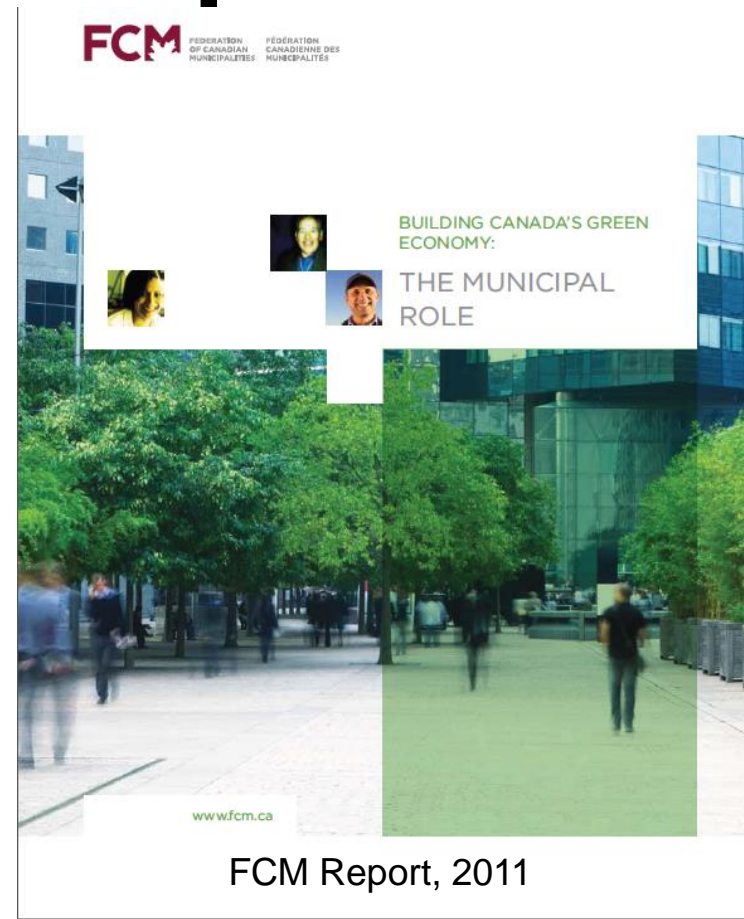
July 21, 2014



# Building Canada's Green Economy: The Municipal Role

## Key priority areas:

1. Sustainable transportation
2. Energy efficiency of buildings
3. Renewable electricity & conservation
4. Wastewater treatment & water conservation
5. Efficient urban land use
6. Solid waste management





# Municipalities - Green Economy

1. Municipalities procure - \$98 billion annually

2. Canadian green technology & services market

- \$2.3 billion in 2010
- \$3.7 billion in 2014



3. Municipalities have direct or indirect control over 45% of GHG in Canada



CITY OF LONDON  
**Strategic Plan**

2011-2014





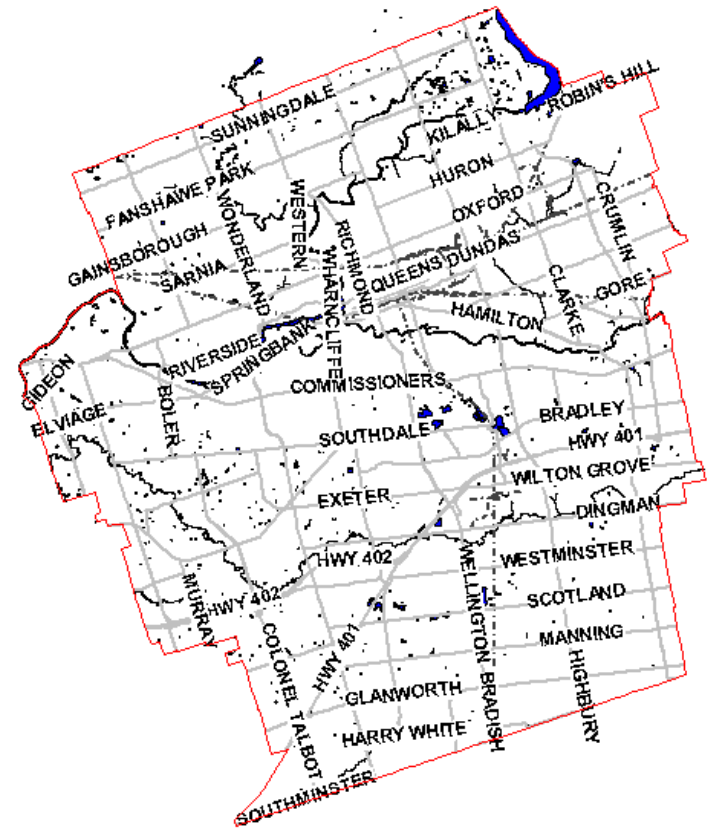
**Community  
Energy  
Action  
Plan**

**Collaborative  
Engaging  
Affordable  
Practical**



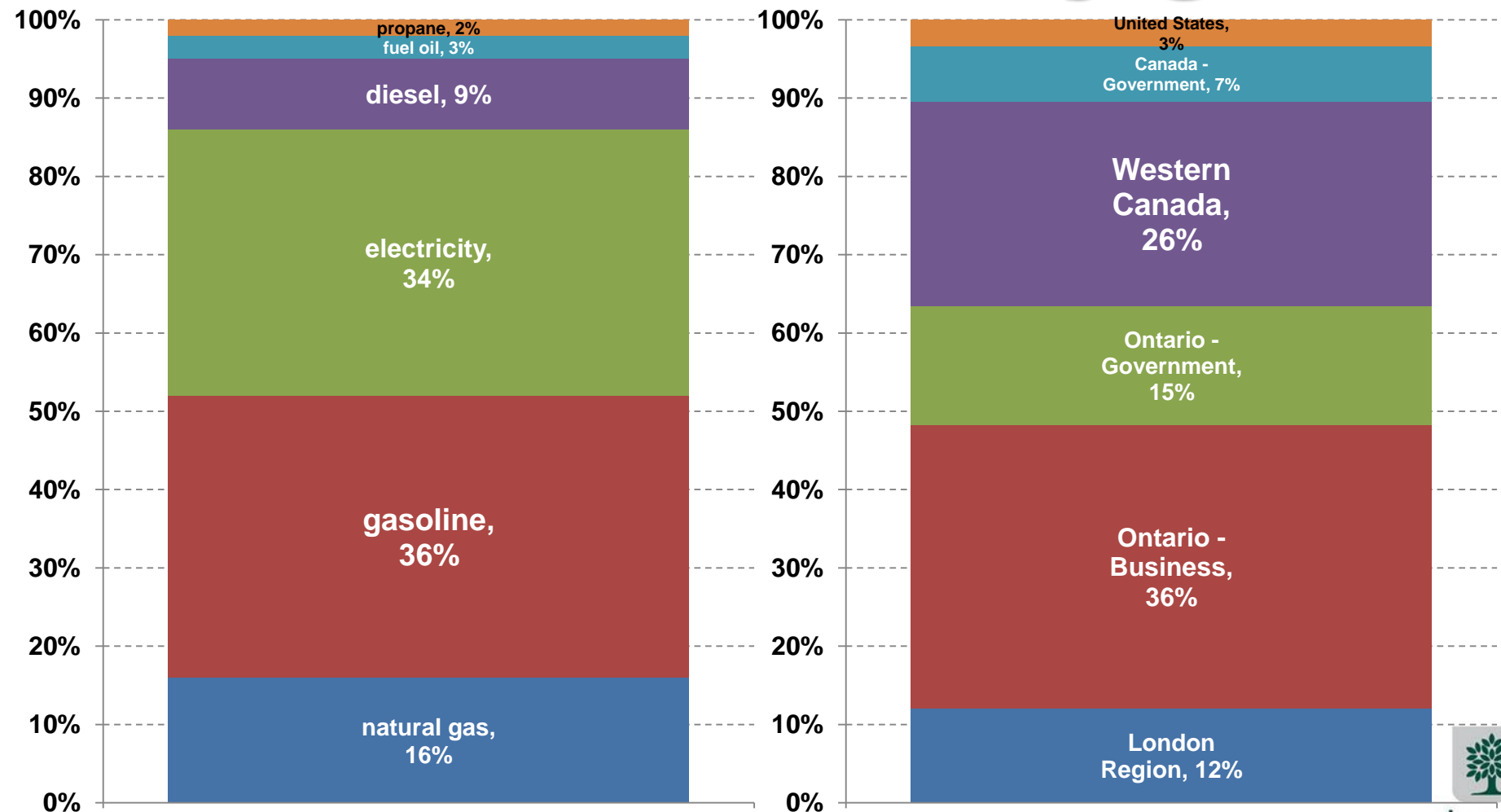
# Why is the CEAP important?

- Energy bill in 2013 = **\$1.5 billion**
- Percentage that leaves London = **almost 90% (or \$1.3 billion)**





# Where the money goes





# Demand for Energy-Related Jobs

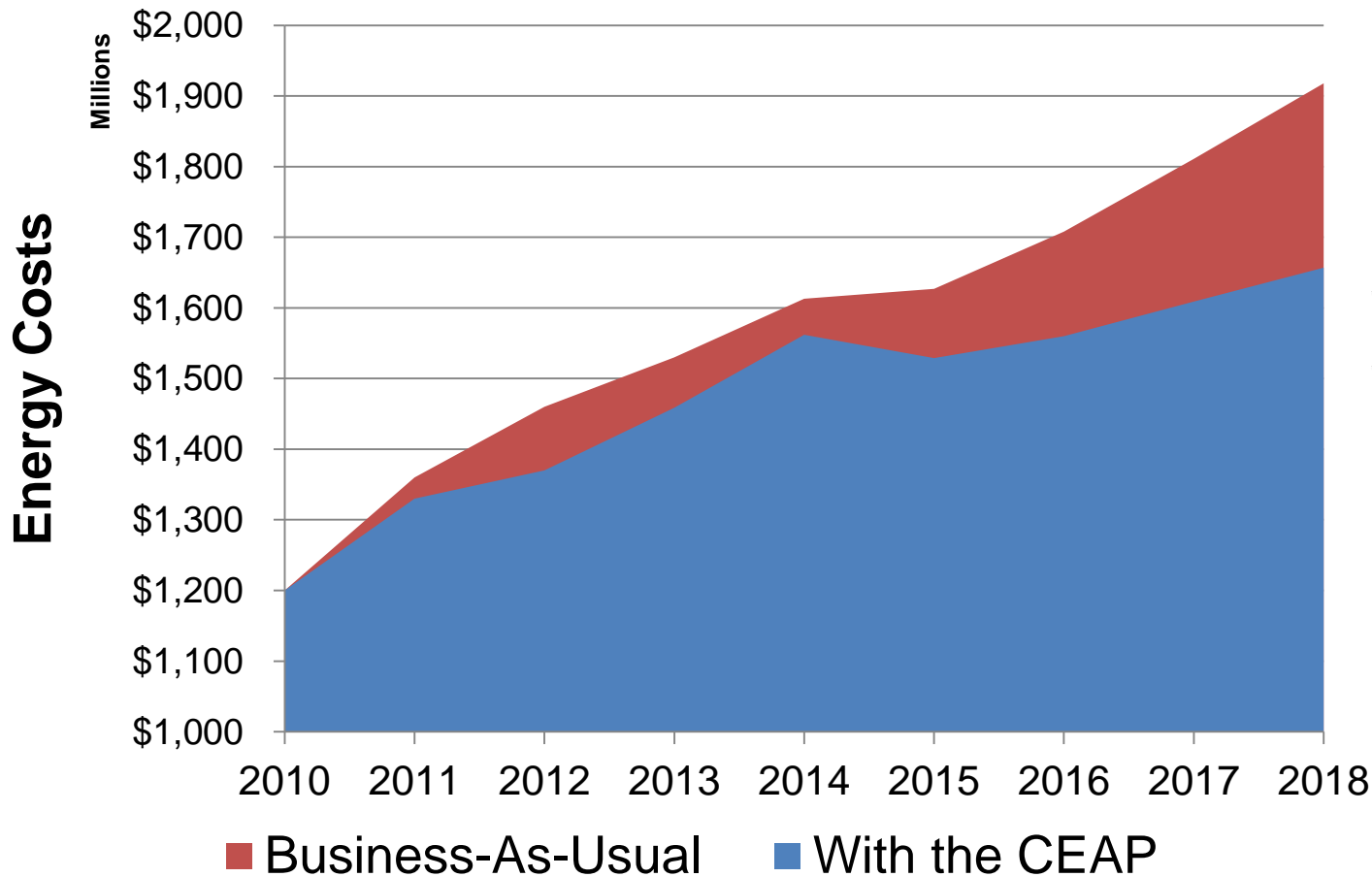
- Retrofitting homes & buildings
- Green energy projects
- Manufacturing products
- Professional services
- Product & service providers
- Information tools & “apps”
- Research & innovation







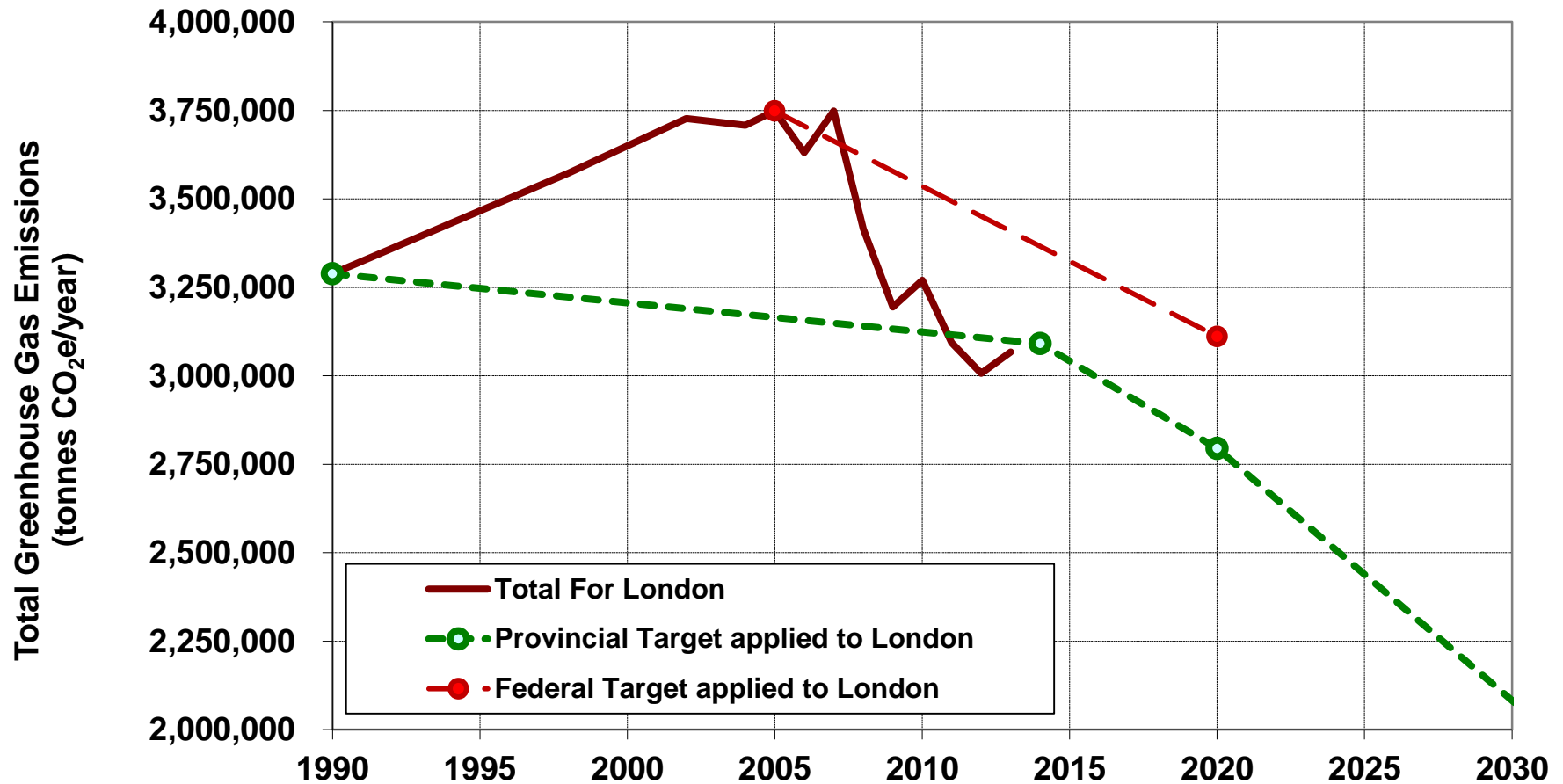
# Energy Costs Are Expected To Rise Further



**Energy Cost Avoidance of Around \$250 Million per year by 2018**



# How Do We Reach GHG Reduction Goals?



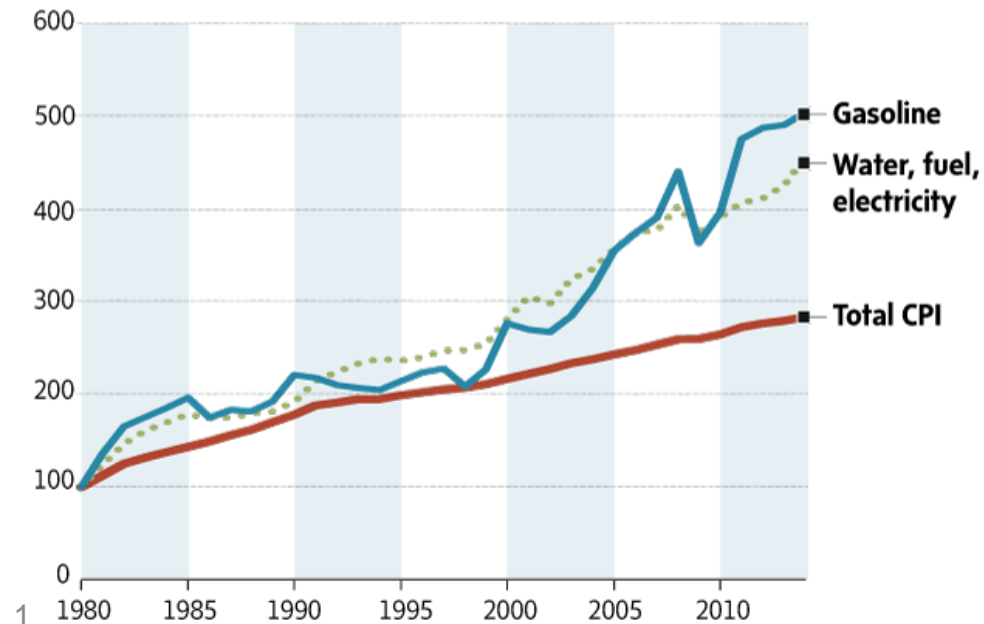
# What are the key Influencing Factors?

1. Energy prices
2. The economy
3. Federal & provincial energy/climate change policies
4. New technology
5. Public opinion, attitudes & actions

## ENERGY AND UTILITY COSTS ON THE RISE

Gasoline and household utility costs such as hydro, home heating fuel and water have all risen at well above the inflation rate for the past decade and a half.

*Index: 1980=100*





# How has the Community been Engaged?

## Rethink Energy London

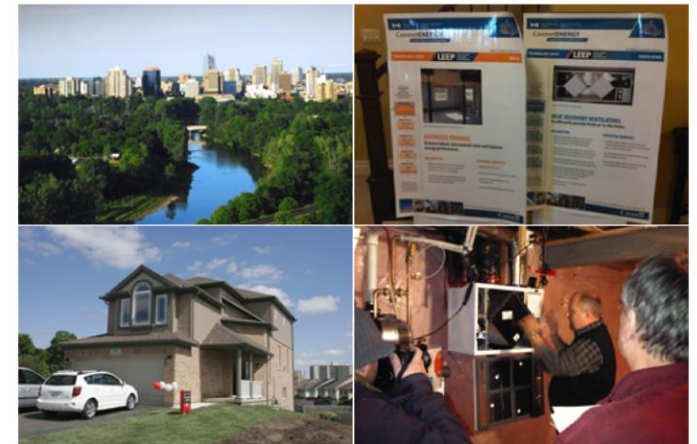
- In-person Community Outreach
- Online:
  - Roundtable on the Environment & the Economy
  - Reduce Impact London
- CityGreen storefront





# Key Energy Stakeholders

- Information sent to 36 organizations
- Two rounds of review
- Feedback from 28
- Their actions included in CEAP



LONDON, ONTARIO  
Discussion Primer

Community Energy Action Plan  
Prepared for the London Home Builders' Association

July 2013

#### Outline of the Discussion Primer

- Background on Rethink Energy London
- How has the London Home Builders' Association (LHBA) been involved so far?
- Why a Community Energy Action Plan now?
- Proposed guiding principles for a Community Energy Action Plan
- What's a reasonable path forward?
- **ACTION REQUIRED** - How can the LHBA help with the Community Energy Action Plan at this stage? Comments, Actions and Ideas required by September 20, 2013





# How will the CEAP be Implemented?

- No new funding - existing staff and funding for 2014, and same proposed for 2015
- Transition from Plan to Program
- 40 proposed City-led actions for 2014/15
- Focus - work closely with London's Key Energy Stakeholders



Activity	When?
Explore funding & collaboration opportunities	August-October 2014
Energy Connections community report	Fall 2014
Energy Connections speaker series	Fall-Winter 2014/15
CNG Workshop for Local Fleet Managers	Fall 2014
Commercial Building Sector Energy Workshop	Fall 2014
LHBA Lifestyles Home Show (Western Fair)	Jan. 30 – Feb. 1, 2015
FCM Sustainable Communities Conference	February 10-12, 2015



**How are we going to keep  
Londoners and businesses  
engaged and informed?**

# **Community Energy Action Program**





# Reporting Progress

- Annual inventory reports
- Celebrate business and community actions
- New tool(s) for reporting and engagement
- New progress indicators



TD Canada Trust LEED Platinum Branch at Wonderland and Southside (Source: TD Canada Trust)

CITY OF LONDON  
2013 Community Energy &  
Greenhouse Gas Inventory

July 2014





London  
CANADA

THE CITY OF OPPORTUNITY

# Community Energy Action Program