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<b>TO:</b>	<b>CHAIR AND MEMBERS CIVIC WORKS COMMITTEE MEETING ON FEBRUARY 25, 2013</b>
<b>FROM:</b>	<b>JAY STANFORD, M.A., M.P.A. DIRECTOR, ENVIRONMENTAL PROGRAMS &amp; SOLID WASTE</b>
<b>SUBJECT</b>	<b>UPDATE ON RETHINK ENERGY LONDON – CELEBRATING PROGRESS - SUSTAINABLE ENERGY LONDON</b>

<b>RECOMMENDATION</b>
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That on the recommendation of the Director, Environmental Programs & Solid Waste, the following report **BE RECEIVED** for information.

<b>PREVIOUS REPORTS PERTINENT TO THIS MATTER</b>
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Some relevant reports that can be found at [www.london.ca](http://www.london.ca) under City Hall (Meetings) include:

- Environmental Programs Update (May 14, 2012 meeting of the Civic Works Committee, Item #19)
- Update on Rethink Energy London – Online Citizen Engagement Pilot Project (September 27, 2011 meeting of the Community and Neighbourhoods Committee, Item #5)
- Federation of Canadian Municipalities Green Municipal Fund – Grant Agreement for Energy Modelling and Mapping Project (October 20, 2010 meeting of the Board of Control, Item #11)
- Rethink Energy London – A Community Engagement and Action Plan for Sustainable Energy (November 2, 2009 meeting of the Environment and Transportation Committee, Item #8)

<b>BACKGROUND</b>
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**PURPOSE**

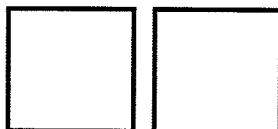
The purpose of this information report is to provide Committee and Council with:

- A copy of Celebrating Progress – Sustainable Energy London
- A brief update on Rethink Energy London and the timeframe to complete a Community Energy Action Plan

**CONTEXT**

Rethink Energy London (Phase 1) was a community engagement initiative that focused on actions that can be taken to conserve energy and use more renewable forms of energy that started in January 2010. The purpose was to increase public awareness, encourage stakeholder action, and seek input on sustainable energy actions and greenhouse gas (GHG) emission reductions for the community that also create local social and economic benefits. Phase 1 concluded in the fall of 2012.

During Phase 1, City staff met with stakeholders at their meetings and events, and by hosting workshops, seminars and conferences. Rethink Energy London was promoted at numerous public and community events, such as the London Home Builder's Association Home Show and Car Free Day. To reach larger audiences, City staff used local media, including regular appearances on Rogers Daytime's Green Segment. City staff tested web-based tools for engaging the public, such as the use of a web survey, a web discussion forum, social media (Facebook & Twitter), and online carbon footprint calculators provided by Zerofootprint.



However, within all this outreach activity, the challenge remained to document feedback from citizens and stakeholders and to reach a broader audience in London. In order to overcome this challenge, two new projects were introduced to assist Rethink Energy London: an Integrated Energy Mapping Project, and London's Roundtable on the Environment and the Economy (both projects previously reported on in May 2012).

The work undertaken and input provided to date has not only helped to shape the direction for an overall Community Energy Action Plan but it has also provided key input into these major projects:

- City of London Strategic Plan 2011 - 2014
- Smart Moves, London's 2030 Transportation Master Plan
- Rethink London, a community conversation to create the plan that will shape London's future, and
- Corporate energy management plan (as required under the *Green Energy Act*)

The table below highlights both the completed phases of work and the upcoming work and community engagement.

Phase		Status
1	Rethink Energy London - Community Engagement and Action	Complete
2	Celebrating Success - Sustainable Energy London	Complete – this CWC Report
3	Rethink Energy London - Obtaining Commitment for More Actions <ul style="list-style-type: none"> <li>• Understanding the Data</li> <li>• Learning from People</li> <li>• Drafting the Community Energy Action Plan</li> <li>• Obtaining Commitments</li> </ul>	Spring 2013
4	London's Community Energy Action Plan	Fall/Winter 2013

**DISCUSSION**

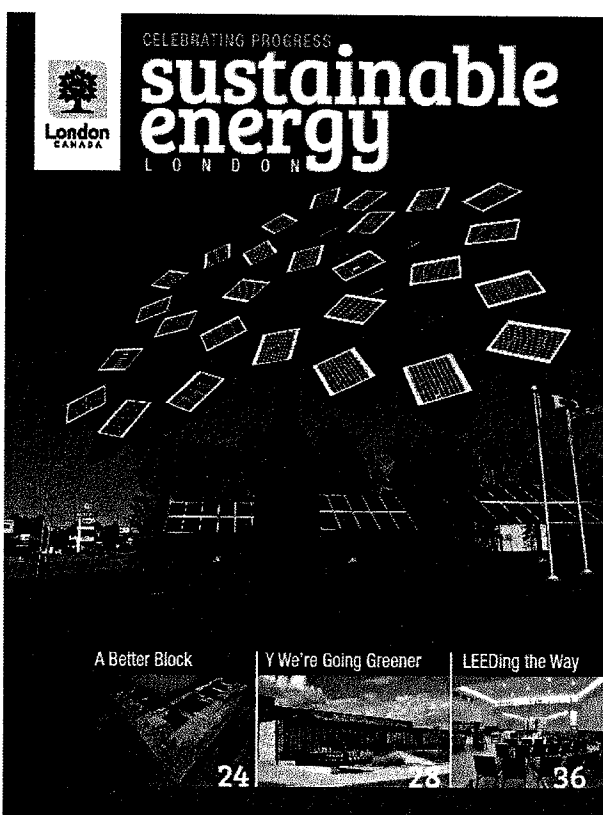
Phase 1 activities have resulted in two products, one complete (Phase 2) and one nearing completion (Phase 3).

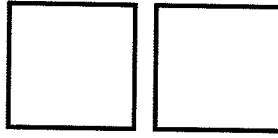
**Phase 2: Celebrating Progress – Sustainable Energy London**

This publication recognizes the fact that London is not starting from a blank slate when it comes to action on sustainable energy. London's energy stakeholders have been engaged for years on energy conservation, energy efficiency, and renewable energy projects.

The Celebrating Progress publication was developed in partnership with the Mayor's Sustainable Energy Council (MSEC) which contributed partial funding, content and pictures.

The publication will have two on-line versions, one in an easy to read format and the other in a short video production. A limited number of hard copies (500) are being produced. It is anticipated that the publication will serve as an important promotional piece for businesses contemplating London as a destination to locate their business.





Celebrating Progress – Sustainable Energy London is divided into six areas:

1. Harnessing the sun
2. Tapping into the Earth's energy
3. Capturing the wind
4. Changing the way we move
5. Using less energy
6. Leading the way

The publication and video can be found at [www.london.ca](http://www.london.ca) and [www.london.ca/energysaver](http://www.london.ca/energysaver).

### **Phase 3: Rethink Energy London - Obtaining Commitment for More Actions**

This phase will contain three separate documents and a community and business engagement process.

#### Understanding the Data

This background document will summarize the following:

- Climate change and energy supply at the global and national levels,
- Community energy use and greenhouse gas emission trends since 1990,
- Detailed information on where energy is being used in London,
- Information on the cost of energy used in London,
- Federal & Provincial greenhouse gas emission targets, and
- An assessment of the cost-effectiveness and job potential of various energy strategies.

#### Learning from People

This background document summarizes what City staff learned from the public and stakeholders from the various engagement activities, such as:

- Attending events, meetings, and workshops through Rethink Energy London,
- Testing the use of social media tools,
- The community energy stakeholder workshop held as part of the energy mapping project,
- London's Roundtable on the Environment & the Economy,
- Community-led engagement activities, and
- The Mayor's Sustainable Energy Council.

Although difficult to summarize the outcome of the above engagement activities in one or two sentences, it can be generalized that there is support for taking action on energy and greenhouse gas emissions, provided those actions are focussed on what can realistically be achieved here in London in a cost-effective manner. Changing people's behaviour on a wide scale will not be easy to achieve, and in some/many cases can seem to be very difficult or even approaching impossible. However, the desire for and role of energy conservation, when it truly saves money, appears to be very common for many Londoners.

#### Drafting the Community Energy Action Plan

The Draft Community Energy Action Plan will contain the following main areas:

- The defining principles of our Community Energy Action Plan
- Who the key community energy stakeholders are,
- The economic, environmental and social benefits of an Action Plan, and
- Action Areas including roles, responsibilities and target ranges.
  - Policy Support for Community Energy Planning
  - Measurement and Reporting of Energy Use and Greenhouse Gas Emissions
  - Single-Family Homes
  - Multi-Unit Residential Buildings
  - Commercial and Institutional Buildings
  - Industry and Manufacturing Buildings
  - Stores and Restaurants
  - Transportation
  - District Energy and Co-generation of Heat and Power
  - Community Energy Projects

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**Obtaining Commitments**


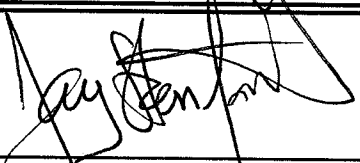
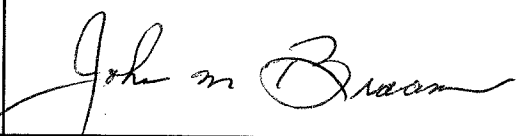
To increase chances of success, a Community Energy Action Plan must contain actions created by the community and carried out by the community. Therefore, the proposed approach is to leave many sections of the draft Action Plan blank and ask the community to assist in filling in the actions from their perspective. A similar approach will be used when reaching London's business community and London's major institutions. The goal of this exercise is to obtain realistic and achievable commitments from members of the community towards sustainable energy.

The reality is London Municipal Council only has direct control over changing how energy is consumed by the Corporation of the City of London in delivering services to Londoners. With respect to businesses and the citizens of London, it is through leadership and collaboration that Municipal Council will obtain the most significant gains in energy conservation, energy efficiency and use of renewable energy.

The engagement component of Phase 3 is currently under development with an anticipated launch of May.

**ACKNOWLEDGEMENTS**

This report was prepared with assistance from Allison Miller, Transportation Demand Management Coordinator.

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