



# Greening Asset Management

**2009 Housing Provider Forum  
GLOBE Presentation  
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# Green Light on a Better Environment (GLOBE) Inc

- SHSC Subsidiary
  - Energy conservation programs
  - The leader in social housing conservation and sustainability services





# Why GLOBE?

- Energy pilot (the Green Light Initiative) demonstrated interest and need amongst service managers and housing providers
- Willing partners in provincial and municipal government, utilities, and vendors
- Our knowledge of the social housing sector positions us to be leaders for conservation in the sector





# What is GLOBE?

## Vision:

To become a globally recognized community-based sustainability network for housing.





# What is GLOBE?

## Mission:

A portal for energy management that will make affordable housing sustainable for residents and housing providers.





# What is GLOBE?

- Social enterprise
- Operates like a business offering goods and services for its market
- Redirects its surpluses to a *Sustainability Fund* for programs such as:
  - Scholarships, education and training for residents of social housing
  - Investment in renewable energy projects
  - Partnering in Green Social Housing Development





# GLOBE & AMC

- Work closely with Asset Management Centre to develop tools that connect asset management and energy management best practices
- Share technical expertise and access to preferred energy & building condition assessment consultants
- Coordinate standards, develop resources
- Develop standard audit templates, reports and request for proposal documents
- Identify energy saving opportunities in capital asset planning
- Link new Utility Management System with asset management and capital planning/forecasting software/system





# GLOBE Program Administration

GLOBE delivers consultation, support, administration and outreach services for utility companies, government and other stakeholders' conservation programs.





# GLOBE Activities

- **Program administration negotiations:**
  - GLOBE is pursuing fee-for-service delivery in the following programs:
    - GreenSaver – organization awarded OPA multi-family business program for assisted housing (province-wide, excluding City of Toronto)
    - City of Toronto Energy Efficiency Office – organization awarded program manager for the OPA multi-family business program for assisted housing (City of Toronto only)





## Toronto Hydro Program: 2007, 2008, 2009

- Estimate at program completion, GLOBE will have installed approx. 138,000 CFL bulbs in 31,500 units representing 310 housing providers
- Estimate 6.734 megawatt savings which translates into 1346 cars off the road and 2537 homes heated
- Approximately 125 individuals will have been involved in the Community Champion Program
- Estimate 235 housing provider individuals will have received GLOBE's technical/conservation and resident engagement training
- Developed a resident engagement DVD with Community Champions and their families
- Included "green jobs for youth" in the delivery of this program





# GLOBE Activities

- **PowerStream Utility CFL Program: 2008**
  - Installed 14,000 CFL bulbs in 37 buildings
  - 26 providers participated
  - Achieved 670 kW savings which translates into 134 cars off the road and 254 homes heated.
- **Promote partnerships with utility companies to jointly deliver conservation programs to the sector**
- **Service Manager Outreach**
  - Promoting GLOBE education, support and program services





# GLOBE Energy Audits

- GLOBE Energy Audits – provide access to audits by screened and trained professionals, including:
  - Assessment of buildings' energy and water consumption
  - Comprehensive analysis of conservation opportunities
  - Complete audit report with suggested actions for smart energy choices





# GLOBE's Support to Providers

- Refer preferred energy consultants to providers and service managers
  - Virta Energy Services & Finn Projects
- Resources such as energy audit, BCA and project management service
- Provide outreach through collection of profile data in a pre-application format





# GLOBE Preferred Consultants

- Provide written quotes
- Use GLOBE's standardized energy audit template and report
- Assist in obtaining utility data
- Conduct comprehensive site audit
- Provide standardized detailed audit report
- Provide customer support to staff/board
- Promote resident engagement
- Complete work skilfully in accordance with good business practices, standards & laws
- Provide project management services for implementation
- Do not sell equipment or products





# Advantages of GLOBE Energy Audit

- Value for your money – ensuring high-quality comprehensive audit
- Having GLOBE assist in application
- Being referred to a trusted consultant with proven experience in the sector
- Use of GLOBE’s comprehensive standardized templates
- Connecting with available incentives/sources of funding
- Ensuring staff and board understand benefits/recommended energy solutions
- Competitive prices – generally on a per unit basis
- Project Management services for implementation





# GLOBE Services “Beyond the Audit”

- Project management to help implement energy savings action plan
- Help sourcing equipment, services, engineering support, etc.
- Program evaluation
- Ongoing advice and support
- Links to possible incentives and programs





# Keeping You Informed

- Technical expertise available for advice and guidance
- Communicating with providers to determine supports needed for energy conservation initiatives
- Keep providers advised of programs/incentives available
- New GLOBE website [www.globeservices.ca](http://www.globeservices.ca) to connect/inform the sector





# Conservation Publications

## **Currently Available**

- Sustainable Landscaping for Healthy Communities
- Renewable Energy for Residential Buildings

## **In Production**

- Construction for Climate Change
- Beyond Paperless: Greening your social housing office
- Case Studies: Conservation Success Stories in Ontario's Social Housing Community





# Support with Managing Utilities

- Held provider focus group – needs assessment framed Statement of Requirements
- Developed a new Utilities Management System
  - Captures utility data consumption
  - Supports monitoring/evaluating conservation efforts
  - Aggregates savings for research/program development
  - Establishes best practices in the sector
  - Link new Utility Management System with asset management and capital/forecasting software/system





# GLOBE Education

- Resources for providers to implement technical and structural measures with emphasis on energy/water conservation
- Resources for providers to engage residents and create a culture of conservation and sustainability
- Partnered with Seneca College
- Promote youth participation





# GLOBE Community Champion Program

## What is a Community Champion?

- A member of a building or complex who is an *agent of change* for the project.
- Usually an individual with:
  - an interest in energy conservation
  - an ability to communicate to other members and the board, and
  - some familiarity with using a computer, particularly the Microsoft suite of software





## Training & Support for Community Champion

- Community Champions receive:
  - 14 hours of training delivered by experts from Seneca College
  - Training Materials & Tools
  - On going support over the length of the program (6 months)





# Community Champion Program

- Community Champion is trained and provided tools & support to:
  - Formulate an Energy Conservation Committee (Team Approach)
  - Develop a Conservation Plan
  - Implement the Plan engaging residents
  - Evaluate the Plan





# GLOBE Education/Training

- **Spring Education and Training Schedule:**
  - **Technical/conservation and resident engagement training being offered in the following areas:**
    - **April 21 – Ottawa**
    - **April 27 – Windsor**
    - **May 27 – Durham**
    - **June 9 – Halton**
    - **June 22 – London**
    - **June 24 - Sudbury**





## GLOBE Presented at Ontario Energy Board Hearings

### Consultation on Energy Issues Relating to Low-Income Consumers

- Ontario Energy Board released draft report to implement policies, programs or other measures designed to assist low-income energy consumers
- More information at [www.oeb.gov.on.ca](http://www.oeb.gov.on.ca) - Click on “low-income consumers

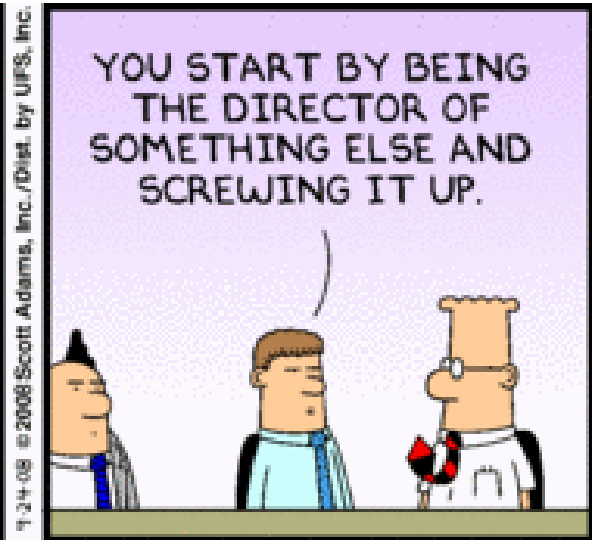




# GLOBE Short Film “Greenhouse”

- The film “Greenhouse” explores how community and youth are at the root of tangible solutions and change in our fight to save the environment.
- An example of how two Community Champions are working with youth to promote conservation practices within their communities.





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**THANK YOU**

