

greenTbiz

Energy and Environmental
Conservation Programs for
BIAs



... thinking green
and saving green

TABIA's Energy Conservation Initiative: History

- Strong history of energy conservation initiatives including:
 - 2004: Introduction of LED Motifs and Displays in participating BIAs.
 - 2004-2006: Responsible for Cavalcade Neighbourhoods of Lights Exchange through a CDM project with Toronto Hydro.
 - 2005: Received Green Toronto Award of Excellence for decorative LED initiatives.
 - Ongoing commitment to Energy Conservation & Environmental programming for small business.
 - Presented an Award of Recognition from the OPA, Conservation Bureau presented Peter Love at the 2007 greenTbiz launch.



greenTbiz: A program for BIAs



greenTbiz develops and delivers energy and environmental conservation programs that benefit the environment, while improving the bottom line of the businesses and properties within the BIAs.

Since 2006, greenTbiz has reduced **93.948 kW** and **96.73 tonnes** of GHGs in Toronto.

Program for BIAs and their Members

- For the BIAs:
 - LED Pedestrian and Decorative Lighting
 - PV Solar for Decorative Lighting
 - greenTalks
 - CAN IT!
- For the BIA Members:
 - greenAssist
 - Smart Mentoring

LED Pedestrian, Street and Decorative Lighting

- Develop pilots for LED street and pedestrian lighting.
- First pilot at Exhibition Place
 - total of 16 Leotek fixtures installed in partnership with Electromega and Exhibition Place.
- LED street and pedestrian lighting lasts 5 times as long and uses 50% less energy than traditional lighting.



PV Solar Panel Project: Bloor West Village

- 42 PV Solar Panel providing power to 87 trees of decorative LED lighting. A total reduction of **1.5 kW**.
- greenTbiz is reporting on the potential expansion of PV Solar applications for decorative lighting in other BIAs.



greenTalks



- greenTalks are seminar and workshops offered to BIA businesses to promote environmental and energy conservation education.
- These seminars continue to be offered at BIA meetings, AGMs and events.
- In 2006/2007 greenTbiz has held 5 seminars and over 30 presentations at meetings and AGMs.

CAN IT! (Community Amabassador Network and Information Team)



- CAN IT! will coordinate volunteers to act as waste monitors during the special events to ensure that waste generated is disposed of appropriately.
- Successful pilot project conducted at the Taste of the Danforth 2006.
 - Assisted with Diverting **2 tonnes** of bottles and cans from landfills.
 - Received positive public support.

greenAssist

- greenAssist provides the small businesses, BIAs and/or property owners with the services and products that are the most practical at reducing energy consumption.
- **Services of greenAssist:**
 - Consultations
 - Accessibility Renovation Assistance/
General Renovation Assistance
 - Facade Development
 - Meter Lending and Monitoring
 - Online Resource Database
- greenAssist has worked with over 100 BIA members in the last year to improve their energy and environmental conservation.



Smart Mentoring

- Business owner/manager mentors are recruited and, with assistance from the greenTbiz program coordinator, will provide advice to other BIA members on the implementation process, challenges and barriers of energy/environmental conservation initiatives.
- Database of Smart Mentors can be found on the greenTbiz website and a video showcase will be launched shortly.



greenTbiz Funders and Partners



Conservation
Bureau

The power of conservation™



Exhibition Place



electromega



Toronto
Environmental
Volunteers



GREEN
ENTERPRISE TORONTO



smartliving
ST. LAWRENCE



GREEN\$AVER
*Saving the Planet
One Home at a Time*



2007/early 2008 Program Activities

- LED Pilot in progress:
 - In partnership with Deputy Mayor Pantalone's office and World of Lights, an installation of pedestrian level fixtures in Bloorcourt BIA.
 - In partnership with Councillor Paula Fletcher and Carmanah, an installation of one solar/LED pedestrian fixture in Phin Park in Greektown on the Danforth BIA.
- Complete and release feasibility report and case study on the PV Solar project in Bloor West Village BIA.
- As part of a grant from the Toronto Atmospheric Fund, complete a feasibility study for the potential use of LED in Toronto's MUSH Sector.
- As part of a grant from the Ontario Ministry of Energy, conduct a minimum of 20 presentations at BIA AGMs and provide energy efficient lighting for business members that attend.
- Continuation of the greenAssist consultations and expansion of the Smart Mentoring Program.
- Investigate funding and sponsorship options for the CAN IT! Program.
- Projected GHG reductions between Fall 2007 and Summer 2008 is 50 tonnes.

Thank You

Questions & Comments?

- **For more information please contact:**

John Kiru
jkiru@toronto-bia.com
(416) 889-4111

Chantal Brundage
Chantal@greenTbiz.org
(416) 697-9000

- **Be sure to visit the website:**

www.greenTbiz.org