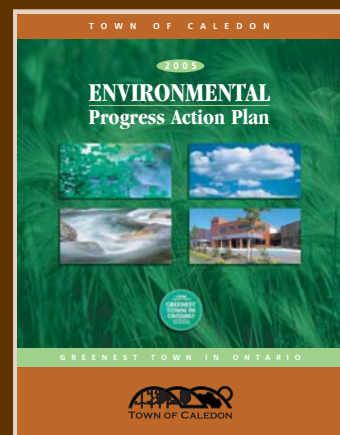


# ENVIRONMENTAL ACTION REPORT

## 2009

The Town's first Environmental Progress Action Plan was endorsed by Council in 2005 and identified seven priority areas.



This 2009 Environmental Action Report builds on the 2007 Report and outlines the 2007-2009 achievements according to each priority area.



TOWN HALL  
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## AIR QUALITY

*Investigate options to monitor local air quality and minimize poor air quality contributors*

### AIR QUALITY MONITORING

- Town of Caledon air quality assessment through Peel Region's Official Plan Review

### SMOG AND IDLING

- Annual GTA Smog Summit participant and Intergovernmental Declaration on Clean Air signatory
- Four Idle-free zone signs were provided to each Caledon school
- Council directed staff to prepare a proposed comprehensive zoning by-law amendment to include a 90m setback for new drive-through facilities from a residential zone or lot containing a residential use

### TRANSPORTATION

- Metrolinx's approved Regional Transportation Plan includes GO Transit improvements to and from Bolton, a new commuter carpool lot is pending and potential long-term extensions of Hurontario Light Rail Transit to service the Mayfield West Community
- Caledon Transportation Needs Study Update has been completed which recommends actions to meet Caledon's future transportation needs
- Hosted Sustainable Transportation Workshop by Walk and Bike for Life in March 2009

### FLEET

- Lease of second hybrid vehicle for Building and By-Law
- Expansion of biodiesel blend (B5 and B20) for turf maintenance equipment, snow clearing machines and 16 diesel trucks
- Introduced bio-based engine fluids that replace traditional petroleum based fluids
- Testing emissions reduction catalyst on fleet vehicles

### OTHER

- October 2008 staff Carpool Week and Tire Clinic
- Smart Commute member participation and promotion
- Continued Tree Seedling program and two Tree Seedling Care and Planting Workshops: 95,000 native tree and shrub seedlings (approximately 100 acres) and shrubs have been planted in Caledon by residents
- Partnered with Ontario Streams in naturalizing Caledon Village Environmental Policy Area lands and Toronto Region Conservation with naturalization plantings in Etobicoke Creek Valley in Valleywood

## CLIMATE CHANGE

*To reduce greenhouse gas emissions as a member of Partners for Climate Protection - a network of Canadian Municipalities who have committed to reducing greenhouse gases*

### THERE ARE FIVE MILESTONES ASSOCIATED WITH PARTNERS FOR CLIMATE PROTECTION:

- Milestone One (Greenhouse Gas Inventory and Forecast): initial work completed through COOL Caledon and was recently updated by Jacques Whitford consulting firm
- Milestone Two (Greenhouse gas targets): Council endorsed reduction targets in 2003 and staff intend to bring updated report to Council on the targets in spring
- Milestone Three (Local Action Plan Development): Town's Environmental Progress Action Plan serves as corporate plan and community plan will commence in late 2009 pending budget approval
- Milestone Four (Action Plan Implementation): Implementation of Environmental Progress Action Plan is ongoing
- Milestone Five (Monitoring Progress and Reporting Results): reporting corporate activities through 2007 and 2009 Environmental Action Report and community indicators were recently developed by Jacques Whitford consulting firm
- Feasibility study for local carbon offset bank was completed

## ENERGY

*To reduce energy consumption by means of increased efficiency and to explore alternative energy sources*

### CONSERVATION AND EFFICIENCY

- Received \$29,940 in provincial funding for Energy Audits: Caledon Community Complex, Mayfield Recreation Centre, Caledon Centre for Recreation and Wellness, Albion Bolton Community Centre
- Town Hall selected to participate in a Provincially-funded Energy Audit - a \$20,000 value
- Ongoing energy efficiency retrofit work at Town facilities (i.e. lighting upgrades)
- Established Corporate Energy Reserve Fund to assist in leveraging external funding
- Developed the corporate Strategic Facility Energy Plan - a plan for all Town facilities
- Continued implementation of Itron Energy Management Software in collaboration with Region of Peel

### GREEN ENERGY

- Expansion of green power purchase for four Town facilities in Caledon East civic campus (Town Hall, Caledon Community Complex and Arena, Fire Hall and OPP Station)
- Feasibility study for Town Hall solar hot water demonstration project
- High level district energy feasibility study for Caledon East civic campus

## A GREEN ECONOMY

*To promote environmentally sustainable economic development*

- Provided assistance and information to local businesses on conservation, efficiency and sustainable practices
- Recognized local businesses with annual Impact Award in partnership with the Caledon Chamber of Commerce and Husky Injection Molding Systems Ltd.
- Launched Town's Green Development Program: development charge discounts to new industrial and commercial developments that incorporate Leadership in Energy and Environmental Design (LEED) or pre-qualified green technologies. Prologis Canada Incorporated is the Town's first Green Development applicant.
- 2007 and 2008 Caledon Countryside Alliance's Eat Local Week participant
- A working group was formed to assist in organization of 2009 Caledon Farmers' Market in Bolton

## ENVIRONMENTAL AWARENESS

*To continue environmental education and stewardship to promote environmentally sustainable behaviour*

- Participated in 2008 and 2009 Earth Hour, an international lights out event to raise climate change awareness
- Coordinated a community PowerHouse Workshop with Hydro One Networks, in June 2008, which resulted in 130 renewable installations in Caledon, of which approximately 95% were geothermal
- Implemented state-of-the-art environmental printing practices, such as waterless printing and using recycled paper, in all Town's corporate promotional materials

## SUSTAINABLE PLANNING

*To continue progressive planning for Mayfield West, Bolton/Albion South and other villages*

- Sustainability is one of the items that Caledon must strive to address Provincial Policy. The Town's Official Plan was reviewed to ensure its policies conformed to the principles of sustainability, and recommendations were received on how to enhance policies.
- Sustainability and related topics are being addressed through Peel Region's Official Plan Review
- Updated sustainability planning and design principles for Mayfield West 2 Secondary Plan
- Preparation of Peel-Caledon Significant Woodlands and Significant Wildlife Habitat Study
- Ongoing South Albion-Bolton Community Plan and Comprehensive Environmental Impact Study and Management Plan
- Pending Council approval on April 21, 2009, the proposed Bolton Community Improvement Plan includes Energy Efficient Retrofit, Environmental Study and Landscape Improvement Grant Programs for eligible property owners.
- Piloting Low Impact Development techniques for various new developments
- Incorporated use of Eco-Lawn (low to no maintenance drought resistant grass) in Mayfield West plans of subdivisions' gateway corridors

## COMMUNITY CAPACITY

*To provide appropriate forms of support to local environmental groups who are instrumental in fostering sustainable behaviour*

- 2008 and 2009 Community Green Fund was approved and a Community Green Fund Showcase Report was prepared in 2009 to highlight projects
- Since 2006, approximately \$60,000 has been awarded to community environmental groups which has leveraged an additional \$165,000 in provincial, federal and other external funding and in-kind assistance
- Environment Roundtable for Community Environmental Groups in November 2007 and Earth Day 2009 Roundtable

## GREENING TOWN HALL

*Waste is not contained as a priority area in the Town's Environmental Progress Action Plan. However, it's important to recognize the Town's ongoing waste reduction and other related efforts.*

- Introduction of portable and reusable special event recycling bins at all Town events
- Paper usage and reduction:
  - ✓ Using Canadian-made office paper which contains Forest Stewardship Council certified 100% post-consumer fibre, is EcoLogo certified, is processed chlorine-free and manufactured using biogas energy
  - ✓ Posting Council agendas on the Town website and circulating to staff by e-mail
  - ✓ Continuing to provide website links rather than photocopying material; using two-sided copying; paperless Joint Health & Safety Committee meetings
- Information Technology works with many vendors to recycle printer toners, equipment parts and electronics, as well as participating in a "think food" electronic waste program for cell phones and ink cartridges
- Elimination of bottled water at Town Hall; replacement of plastic water bottle coolers with dispensers that use municipal tap water
- Organic Fair Trade, Rain Forest Alliance Certified coffee served at Town Square Café

# EASY GREEN TOP 10

Wondering how you can make a difference?  
It's as easy as:

- 1** **Recycle household batteries**  
[www.citizensforacleancaledon.org](http://www.citizensforacleancaledon.org)
- 2** **Take advantage of grants, rebates & other incentives**  
[www.incentivesandrebates.ca](http://www.incentivesandrebates.ca)
- 3** **Learn about renewable energy**  
[www.gosolarontario.ca](http://www.gosolarontario.ca)  
[www.smallwindenergy.ca](http://www.smallwindenergy.ca)  
[www.geo-exchange.ca](http://www.geo-exchange.ca)  
[www.powerhouseprogram.ca](http://www.powerhouseprogram.ca)
- 4** **Eat Local**  
[www.eatlocalcaledon.org](http://www.eatlocalcaledon.org)  
[www.growninpeel.ca](http://www.growninpeel.ca)
- 5** **Reduce energy consumption**  
[www.homeenergyontario.ca](http://www.homeenergyontario.ca)
- 6** **Consider Energy Star appliances**  
[www.oee.nrcan.gc.ca](http://www.oee.nrcan.gc.ca)
- 7** **Carpool**  
[www.carpoolzone.smartcommute.ca](http://www.carpoolzone.smartcommute.ca)
- 8** **Purchase a water efficiency kit or rain barrel**  
[www.watersmartpeel.ca](http://www.watersmartpeel.ca)  
[www.citizensforacleancaledon.org](http://www.citizensforacleancaledon.org)
- 9** **Explore Caledon's trails**  
Visit [www.caledon.ca](http://www.caledon.ca) and click on "parks and trails" under Discover Caledon.
- 10** **Contact the Town for a FREE "idle-free zone sign" or drop by Town Hall to pick one up.**

## UPCOMING INITIATIVES

- Caledon Farmers' Market opening June 18, 2009
- Anti-idling public education and outreach campaign launch in spring 2009; free idle-free zone signs will be made available to Caledon businesses and anti-idling information will be distributed by Parking Control Officers
- Energy audits for two remaining large energy consuming facilities
- LightSavers Pilot will commence in spring/summer 2009 to test LED technologies in Town Hall parking lot that will inform entire parking lot retrofit
- Installation of solar hot water Town Hall demonstration project pending feasibility study recommendations
- New sustainability and related policies will be incorporated into the Town and Region's Official Plan in 2009
- Updating Trails Master Plan in 2009 to incorporate cycling routes and active transportation

### THE TOWN IS A MEMBER OF:

Canada Green Building Council | GTA Clean Air Council | ICLEI Local Governments for Sustainability | Partners for Climate Protection  
Peel Safe and Active Routes to School | Smart Commute Brampton-Caledon Region of Peel Air Quality Working Group

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[www.fsc.org](http://www.fsc.org) Cert no. SW-COC-000677  
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