



CORPORATE ENVIRONMENTAL ACTION PLAN (CEAP)

Progress Report
2013



Corporate Environmental
ACTION PLAN (CEAP)

AIR

Five-year goal

Improve air quality by reducing emissions and developing a Climate Change Adaptation Plan.



Actions achieved in 2013

- Second year of Town Hall Employee Bike Share Program in partnership with BionX International. Two e-bikes are available for staff use to decrease automobile usage. **Action 2.1.2**
- During Clean Air Commute Week, 47 Clean Air commuters avoided the creation of 650.48 kilograms of pollutants. **Action 2.1.2**
- Installed two electric vehicle charging stations at Town Hall and the Aurora Community Centre in October. Currently, there is no charge for public and staff. **Action 2.1.3**
- Partnered with other municipalities to provide a tailored *Planning Implications of Climate Change* webinar to Town staff. **Action 2.1.4**

FIRE

Five-year goal

Reduce the Town's overall energy consumption through energy efficiency measures and the use of renewable energy sources.



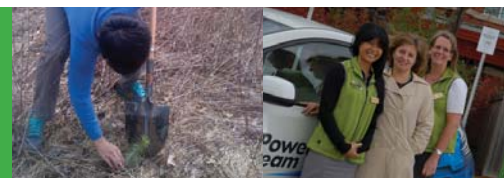
Actions achieved in 2013

- Upgraded Town Hall HVAC to an energy-efficient automated system.
- Upgraded the compressor at the Aurora Family Leisure Complex to an ECO CHILL® system, which uses less energy and less water to make and maintain the ice for the ice rink.
- Installed LED lights in dressing rooms at the Stronach Aurora Recreation Complex and the Aurora Family Leisure Complex.
- Budget approved to retrofit parking lot lights at the Aurora Family Leisure Complex, Town Hall and the Stronach Aurora Recreation Complex with LED technology. The cost recovery due to energy savings is estimated to take fewer than five years.
- Installed LED parking lot lights at the Aurora Public Library.
- Installed two 10 kW solar PV arrays at Town Hall and the Aurora Public Library in June. **Action 2.2.5**
- Renewed the application with the Ontario Power Authority for the development of a 600 kW solar PV array on the roof of the Stronach Aurora Recreation Complex (roof lease). Please note, government approval decision is scheduled to occur in 2014. **Action 2.2.5**
- Participating in PowerStream's Roving Energy Manager program to identify additional ways to reduce corporate electricity demand and reduce the Town's electric bills. **Action 2.2.3**
- Staff participated in WWF's Earth Hour and National Sweater Day. **Action 2.2.2**
- Implemented a Green Path Program which expedites the building permit process for home renovation projects aimed at reducing energy or conserving water. Eligible projects include solar electrical panels, solar domestic hot water systems, wind turbine support structures and geothermal energy. **Objective F2**

EARTH (Land)

Five-year goal

Plan and manage Aurora's ecology by protecting wildlife habitat, promoting alternate modes of transportation and utilizing sustainable land-use planning.



Actions achieved in 2013

- Installed an e-waste collection bin at Town Hall in association with a local e-waste recycler. **Action 2.3.14**
- Encouraged employee carpooling through the use of Carpool Zone and by raising awareness of the economic, social and environmental benefits of carpooling, with support from Smart Commute Central York. **Action 2.3.11**
- Provided input into the development of the proposed Stronach Eco Park and Environmental Interpretive Centre. In November, General Committee approved the Zoning Amendment Application related to the subject lands. **Actions 2.3.4 and 2.3.9**
- School travel planning program passed by Council in December, intended to help promote active and safe travel to and from school for students between kindergarten and Grade 12. **Objective E5**
- Installed e-waste bins at the Aurora Seniors' Centre.
- Implemented organics collection at the Aurora Seniors' Centre (2012). **Actions 2.3.14 and 2.3.15**
- Hosted two e-waste collection events in association with a local e-waste recycler, for e-waste generated by both the Town and the community. **Action 2.3.14**
- Developed and implemented a Trails Master Plan through the Town's Official Plan. **Action 2.3.8**
- The proposed Aurora Promenade Community Improvement Plan (CIP) contains incentive programs which would promote the decommissioning and redevelopment of "Brownfield" or contaminated sites. The CIP is scheduled for Council approval in the first quarter of 2014. **Objective E3**
- Installed 420 metres of new sidewalk on Earl Stewart Drive and 2,160 metres on Industrial Parkway South. **Objective A1**
- Completed the Economic Value of Natural Capital Assets Report. **Action 2.3.4**
- 1,500 trees/shrubs planted with Neighbourhood Network and local school groups in April. 250 trees planted in a new tree nursery on Town lands to supply trees for replanting due to Emerald Ash Borer. Removal of invasive species in Case Woodlot with the assistance of the Stewardship Rangers. 425 trees planted in conjunction with TD Bank and Evergreen. **Action 2.3.4**
- Completed Flora Aurora Phase 3 of the Arboretum Action Plan. **Action 2.3.7**
- Retained a consultant to prepare a Community Wildlife Park Master Plan. Completed the hydrological study in 2013 and the balance of plan will be completed in 2014. **Action 2.3.2**
- Landscape Standards: Vegetation Management guidelines have been adopted and applied to new subdivision developments to steer vegetation preservation, removal and compensation plantings. **Action 2.3.5**
- Implemented a signage strategy as part of the Trail Master Plan, with sign installation to be completed in 2014. **Action 2.3.8**
- Completed the Salt Management Plan and Winter Policy. **Action 2.3.13**
- Completed the Master Transportation Operations Study (MTOS) update, which was endorsed by Council in May. **Action 2.3.12**

WATER

Five-year goal

Reduce corporate water consumption and utilize stormwater management technologies to improve control of stormwater quantity as well as enhance stormwater quality.



Actions achieved in 2013

- Installed ice plant retrofit at the Aurora Family Leisure Complex, achieving reduction in water and hydro consumption, with support from the Regional Municipality of York. **Action 2.4.1**
- Developed a standardized way to document water loss, with information provided to York Region.
- Revised the Stormwater Management Facility Block Design, Safety and Maintenance Policy. **Action 2.4.4**
- Completed the Remediation and Maintenance of two existing Stormwater Management Facilities at C2 and WC3. **Action 2.4.3**
- TOA Comprehensive Storm Water Management Master Plan (CSWM-MP) is being developed and has included a comprehensive consultation process. The final draft to be completed in 2014.

UPCOMING CEAP INITIATIVES

- Prepare a Corporate Energy Conservation and Demand Management Five Year Plan. **Action 2.2.3**
- Develop a green purchasing policy and staff awareness campaign. **Action 2.3.16**
- Research and begin development of a Climate Change Adaptation Plan. **Action 2.1.4**
- Implement a 600 kW solar PV system on the SARC rooftop in collaboration with a solar project developer (pending FIT application approval) **Action 2.2.5**



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FOR MORE INFORMATION PLEASE CONTACT:

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download the Corporate Environmental Action Plan at www.aurora.ca/CEAP

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