

Our Future Mississauga 2016 Action Charts

GREEN: Visionary Action

Action	Underway	Progress from January 1 to December 31, 2016	Next Steps to be Taken
We will transform Mississauga into a “net-zero” carbon city to become a leader in green initiatives by reducing greenhouse gas emissions in our city	✓	<p>Completed the LED Street Lighting Conversion Project. Approximately 50,000 street lights converted.</p> <p>Continued implementation of Low Impact Development (LID) and green solutions in all park developments and redevelopments.</p> <p>Applied for Electric Vehicle charging station funding</p> <p>Currently developing methodology and procurement plan to look at new technology through the Sports field Lighting Study to find efficiencies, potential for LED and Vendors of Record</p> <p>Continued implementation of the 5 Yr. Energy Conservation Plan and Energy Audit Recommendations resulting in a reduction of 100 tons of GHG emissions in 2016 by implementing building controls optimization and LED lighting retrofits in arenas, pools and City Hall parking garage.</p> <p>Completed construction of Meadowvale Community Centre to LEED Silver Standard</p>	<p>Continue researching alternative energy solutions and environmental storm water runoff solutions.</p> <p>Evaluate Electric Vehicle charging station installations.</p> <p>Complete Sports field Lighting Study in early 2018.</p> <p>Continue Implementing the 5 Yr. Energy Conservation Plan.</p> <p>Implement Energy Audit Recommendations.</p> <p>Continue to monitor and report Community GHG emissions.</p> <p>Develop Mississauga Climate Change Plan (starting in 2017)</p>

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GREEN: Lead & Encourage Environmentally Responsible Approaches

Action	Underway	Progress from January 1 to December 31, 2016	Next Steps to be Taken
1. Pursue renewable energy production and use	✓	Leased roof space at two community centres for solar photovoltaic installations. Generation should reduce GHG emissions by an estimated 14 tons per year.	Continue to investigate other renewable energy opportunities. Implement 5 Year Energy Plan.
2. Implement water conservation programs		Report Mississauga resident's annual water consumption on City's website under "Environmental Conditions"	Deferred pending Mississauga Climate Change Plan. Continue to post annual water consumption for Mississauga residents.
3. Develop a green development standard strategy that addresses resource consumption and pollution emissions	C		Continue to implement the Green Development Strategy (for private developments) and the Green Building Standards (for municipal projects).
Action added in 2012: We will create an "Office of Environment" to fulfill the Strategic Goals for Living Green	C	Office created and staffed in 2010.	
Action added in 2012: We will explore replacing failing noise walls with "the living wall" noise attenuation barrier, where spaces exist to beautify and green our City	✓		Living Wall to be replaced in 2017.

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Action added in 2012: We will implement renewably energy sources for the City fleet to help reduce greenhouse gases	✓	Fleet tender evaluations now include scored criteria for fuel efficiency. The lowest unit cost will include a component of fuel efficiency to determine lowest life cycle cost.	Achieve further reductions through vehicle technologies, fleet right sizing and expanding the types of vehicles included in the program.
Action Added in 2013: We will implement composting programs for City facilities	✓	Added organics collection to Harding Waterfront Estate and BraeBen Golf course Banquet Hall. Partnered with the Region of Peel multi-residential organics collection pilot to test organic collection from various types of City facilities starting January 2017.	Expand organics collection to other City facilities.

GREEN: Conserve, Enhance & Connect Natural Environments

Action	Underway	Progress from January 1 to December 31, 2016	Next Steps to be Taken
4. Plant one million trees in Mississauga	✓	As of Dec. 31 st , 2016 the City has planted 241,030 trees.	The target is to plant approximately 50,000 trees each year until the goal is reached. Implement a public awareness campaign to engage residents in activities and programs that increase tree planting.
5. Implement a city boulevard beautification program to foster civic pride and raise environmental awareness	✓	Beautification of boulevards has been initiated in specific areas of the city including Burnhamthorpe Road at Riverwood, and public art in Duke of York Roundabout.	Further actions to beautify boulevards will be integrated into streetscape guidelines including HuLRT corridor.

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Added Action in 2016: In a phased approach develop a Vision for the downtown streetscape and specific details for the downtown as well as a maintenance process to ensure long term financing of these items.		Going to procurement with a strategy and phasing program of which the first phase will be focused on the downtown.	Developing RFP.
6. Pro-actively acquire and/or enhance land along the waterfront and in natural areas for recreational and ecological value	✓		Acquire lands within the Credit River watershed and along the waterfront. Ongoing effort to secure lands within natural areas through the development process Through the processing of development applications, continue to seek opportunities.
Action added in 2012: We will develop and implement an “Urban Forestry Management Plan” to guide where trees should be planted or protected	C	Completed the Urban Forest Management Plan, as part of the Natural Heritage and Urban Forest Strategy. Invasive special management plan (UFMP’s Actions 9 and 10) close to completion. Arboretum and memorial forest master plan (Action 28) close to completion	Implement the Urban Forest Management Plan Develop and implement conservation management plans (UFMP’s Action 20)

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Action added in 2012: We will develop and implement an updated Natural Heritage Strategy for land and water	C	Completed the Natural Heritage and Urban Forest Strategy in 2014. Implementation underway. A proposal for expansion of the Provincial Greenbelt Plan Area into Mississauga is temporarily on hold until ongoing changes in Provincial policy is completed. The Forestry section hired a Natural Heritage Coordinator.	Ongoing implementation of the Natural Heritage and Urban Forest Strategy. Implementation of interdepartmental coordination and natural heritage info sharing (NH&UFS's Strategy 1)
Action Added in 2014: We will protect and enhance the City's Urban Tree Canopy	✓	Addressed in the Urban Forest Management Plan. Managing Emerald Ash Borer infestation. Continued to promote and implement One Million Trees program.	Implement actions from the Urban Forest Management Plan pertaining to Urban Tree Canopy. Continue One Million Trees planting program

GREEN: Promote a Green Culture

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7. Implement an incentive loan program for energy improvements			Deferred pending outcome of Mississauga Climate Change Plan.
8. Use resources efficiently by implementing eco-business zones	✓	Continued to be a member of Partners in Project Green and participated in People Power Challenge.	Implement the Economic Development Strategy. Continue membership and encouraging businesses in Mississauga to participate in Partners for Project Green.

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9. Create a City of Mississauga “Living Green” award program	C	Continued to use the expanded “Living Green” Mississauga Urban Design Awards judging criteria. Hosted third annual Environmental Community Appreciation Event to recognize over 40 community projects that significantly contribute to environmental action in Mississauga.	Consider developing a new design award to complement the Mississauga Urban Design Awards. Continue to host annual Environmental Community Appreciation Event.
10. Implement an educational program that promotes “living green”	✓	Held three community Earth Markets. Promoted Mississauga’s environmental priorities at over 70 community events. Expanded City of Mississauga Green Leaders employee environmental engagement program to 90 Green Leaders representing 2,500 staff	Expand year-round environmental outreach and volunteer program which includes anchor events such as “Earth Markets” throughout the community. Expand Green Leaders program to all City facilities by 2018.