
**ROUNDTABLE ON THE ENVIRONMENT
AGENDA
SPECIAL MEETING**

Date of Meeting: Wednesday, November 23, 2005 **Enquiry:** Frank Baldassini
Time: 6:00 p.m. to 9:00 p.m. **Committee Secretary**
Location: Council Chambers **416-395-7352**
City Hall **fbalda@toronto.ca**
100 Queen Street West
Toronto, Ontario

Attendant Care Services can be made available with some advance notice.

Members

Mayor David Miller, ex-officio member	Mark G. Mitchell
Deputy Mayor Joe Pantalone (Chair)	Paul Muldoon
Councillor Paula Fletcher (Vice-Chair)	Steven Peck
Susan Antler	Gord Perks
Bob Blazeovski	Judy Simon
John Cartwright	Karen Sun
Dr. Roger Keil	Dr. Peter Victor
Robert Kerr	Tim Woods
Kathy Kinnear	

Under the *Municipal Act 2001*, the Roundtable on the Environment must adopt a motion to meet In-camera (privately) and the reason must be given.

Declarations of Interest under the *Municipal Conflict of Interest Act*.

Communications/Reports

- 1. Welcome and Introductions from Deputy Mayor Joe Pantalone, Chair, Roundtable on the Environment**

- 2. Opening Remarks from Mayor David Miller**

3. Making Green Roofs Happen

- 3(a).** Joe D’Abramo, Manager, Policy and Research, City Planning, Urban Development Services, will make a presentation regarding the environmental benefits and costs of Green Roof Technology for the City of Toronto.

As part of the presentation and discussion, the following joint report (November 16, 2005) from the Chief Planner and Executive Director, City Planning Division and the General Manager, Toronto Water, entitled “Implementation Strategies for Green Roofs City Wide”, including the following two appendices, was presented:

Appendix “A”

Report (October 31, 2005) prepared by Ryerson University for the City of Toronto and Ontario Centres of Excellence – Earth and Environmental Technologies (OEC-ETech) entitled “Report on the Environmental Benefits and Costs of Green Roof Technology for the City of Toronto”.

Appendix “B”

Report (November 2005) from City Planning Division entitled “Making Green Roofs Happen – A Discussion Paper Presented to Toronto’s Roundtable on the Environment”; and

3(b). Deputations

Please note: Each speaker will be given 5 minutes for their deputation.

Please refer to the Speaker’s List provided at the commencement of the meeting.

3(c). Discussion by the Roundtable

At the conclusion of the deputations, the Roundtable on the Environment will review and consider the following recommendations and prepare their comments and recommendations, which will be forwarded to the Policy and Finance Committee meeting on January 23, 2006:

Recommendations for Consideration:

The Roundtable on the Environment consider recommending to the Policy and Finance Committee the following strategies for the implementation of green roofs:

- (1) The City of Toronto recognize that green roofs hold the potential to mitigate impacts on stormwater quality and quantity, improve buildings’ energy efficiency, reduce the urban heat island effect, improve air quality and additionally, beautify the City, increase natural green spaces in built up areas, and provide an alternative location for food production, and as such, green roofs be supported through various initiatives;

- (2) For the purposes of promoting, encouraging, or requiring green roofs, a green roof should be defined as a system where a vegetated area becomes part of the roof. They should include vegetation, growing medium, filter layer, drainage layer, root resistance layer (if necessary), and waterproof membrane and meet the criteria outlined in the Discussion Paper Making Green Roofs Happen (Attachment B, Section 4);
- (3) Where feasible and practical, green roofs with a coverage of 50% - 75% of the building footprint be constructed on all new City-owned buildings, including Agencies, Boards and Commissions;
- (4) Where feasible and practical, green roofs be installed on existing City-owned buildings, including Agencies, Boards and Commissions, when roofs are due to be replaced;
- (5) Green roofs be achieved by the Chief Planner and Executive Director, City Planning, through approval of zoning by-law amendments and site plan control applications;
- (6) A green roof strategy, wherein financial incentives are provided for the retrofit of green roofs on existing buildings, be considered by the Wet Weather Flow Management Master Plan Implementation Advisory Committee and further, that the General Manager, Toronto Water, and Deputy City Manager and Chief Financial Officer report thereon to Works Committee, such report to include the feasibility of alternative funding mechanisms to support implementation of a green roof strategy, including a storm water management rebate or a direct financial rebate incorporated into Toronto Water's annual and operating budget; and to develop a pilot program that could be initiated in 2006;
- (7) Toronto Hydro be requested to develop a program that contributes amounts similar to Toronto Water to the above noted pilot program on the basis of projected energy savings through green roof development;
- (9) The Executive Director of the Toronto Atmospheric Fund (TAF) be requested to consult with staff in Facilities and Real Estate to determine the feasibility of providing TAF loans to proponents of green roofs, as well as repayable interest-free loans through the Better Buildings Partnership for not-for-profit and public proponents of green roofs;
- (10) The Chief Planner and Executive Director, City Planning Division be requested to ensure that, when a Section 37 agreement has been secured for another purpose, the construction and on-going maintenance of green roofs be included in the Section 37 agreement, where appropriate;
- (11) The Chief Planner and Executive Director, City Planning Division and the General Manager, Toronto Water be requested to initiate an education and publicity program on green roofs including:
 - (a) preparing a technical booklet on the construction and maintenance of green roofs;

- (b) holding technical workshops targeting developers and building owners;
 - (c) initiating staff training sessions on green roofs; and
 - (d) possibly listing green roof contractors and suppliers, subject to advice from the City Solicitor and from Purchasing & Materials Management;
- (12) The Toronto and Region Conservation Authority be requested to provide advice to proponents of green roofs on plant materials to encourage biodiversity;
 - (13) A 'green roofs resource person' be identified in each of the following divisions: Buildings; City Planning; Toronto Water; Facilities and Real Estate; Shelter, Support and Housing Administration; and Technical Services;
 - (14) The Chief Planner and Executive Director, City Planning Division develop a database of green roofs in the city, including information about costs, performance and maintenance;
 - (15) A Green Roof category be added to the Green Toronto Awards to highlight the City's new green roof policies and programs;
 - (16) The City invite the Toronto-based 'Green Roofs for Healthy Cities' to hold their 2008 international conference in Toronto, to highlight the City's new green roof policy and showcase some of Toronto's green roofs;
 - (17) Support for initiatives encouraging green roofs does not preclude support for the use of roofs for alternative energy or environmental measures; and
 - (18) The Chief Planner and Executive Director, City Planning, the General Manager, Toronto Water, and the Executive Director, Facilities and Real Estate, report by January 2007 on the status of all initiatives undertaken by Agencies, Boards, and Commissions.
 - (19) The Chief Planner and Executive Director, City Planning, monitor progress of all initiatives and report to the Executive Environment Team (chaired by the Deputy City Manager) on a quarterly basis.

4. Adjournment

Next Meeting Date:

Please note that the next regular meeting of the Roundtable on the Environment is scheduled for Monday, December 12, 2005, 6:30 p.m. to 8:30 p.m., Committee Room 1, 2nd Floor, Toronto City Hall, 100 Queen Street West.