



Urban Forestry Initiatives

The Urban forest is one of the most prominent environmental assets in the city. Toronto has recognized the environmental benefits of the urban forest and has set a goal to increase canopy from 17% to 30-40%.



Cornerstones to doubling tree canopy:

1. Plant more trees
2. Manage & maintain existing trees
3. Protect existing trees
4. Planning & Policy Development

Greening Initiatives



Plant More Trees

Increase long term canopy potential

- Replacement trees:
for every tree removed – 7000 trees annually
- Trees Across Toronto:
46,000 trees & shrubs in naturalized sites annually
- Planting partnerships:
with Toronto Water, Toronto Transportation – 5,000 calliper trees & 40,000 trees & shrubs annually
- Planting in areas under forest management:
to encourage natural regeneration – 8000 trees & shrubs annually



Greening Initiatives



Manage & Maintain Existing Trees

➤ Street Tree Management:

Maintain 35,000 trees annually to enhance structural integrity health & longevity

Reduce tree maintenance backlog

Implement 311 work order system

➤ Maintenance of Newly Planted Trees:

Systematic maintenance and watering of 20,000 young trees annually to increase tree survival rates, improve crown structure & reduce long term maintenance requirements

➤ Natural resource management:

Enhancing the integrity of high value ecosystems; 20 projects annually

➤ Forest Health Care:

Managing emerging issues through monitoring and implementation of control measures





Protect Existing Trees

Maximize tree canopy potential by ensuring healthier trees and avoiding unnecessary tree damage or removal.

- **Ravine & Natural Features Protection Bylaw**. Recent features added to protected areas include:
 - Wooded portions of Lake Iroquois Shoreline
 - Tableland forests
- **Private and Street Tree Bylaws** strengthened through recent amendments





Planning & Policy Development

Working with other city divisions & agencies on policies to improve tree planting and growing conditions in the city.

- Wet weather flow initiatives
- Green development standards
- Soil & tree trenches
- Streetscape manual planting details 0%
- Public & corporate education initiatives 40%
- Tree Canopy study



17%



40%



60%

Greening Initiatives



Parks, Forestry and Recreation Facilities 2007 Greening Initiatives:

- **Green Roofs (e.g. Toronto Botanical Gardens)**
- **Green Roofs for 4 new projects:**
 - Regent Park Pool
 - Warden Corridor Community Centre
 - Parkway Forest Community Centre
 - York Community Centre
- **PFR Facility Energy Retrofits
(from 2005 to 2007):**
 - 42 Arenas, 3 Curling Rinks, 7 Indoor Pools,
27 Community Centres, 45 Outdoor Rinks
 - Project Cost – \$10 Million
 - CO₂ Reduction – 4660 Tonnes
 - Estimated Annual Cost Savings - \$1.26 million
- 2008 FCM Sustainable Community Award



Toronto Botanical Gardens