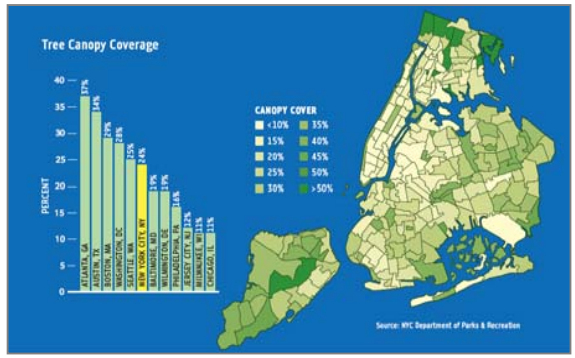
Urban Forest Restoration Planning

Benefits of Trees

Street Tree Benefits	Value Per Tree
Increase in Property Value	$90
Stormwater Reduction	$61
Energy Savings	$48
Improved Air Quality	$9
CO_2 Reduction	$1
Total	**$209**

- mitigate climate change
- help our water systems
- improve neighborhoods
- reduce energy costs
- lower summer temperatures
- increase property values
- improve air quality
- attract customers to business districts

New York City's canopy cover falls somewhere in the middle as compared to other major US cities. New York City has 24% canopy cover, 44,000 acres of land area, 5.2 million trees, 50% under Parks jurisdiction valued at $5.2 billion in replacement costs.



Forest restoration sites mimic natural forest succession, where many trees sprout in woodland openings, gradually thinning out as they grow larger and compete with each other for the available space

Site Preparation for Restoration

Soils

Native glacial till
Dredge spoil C+D

Invasive species

Often can and should be removed prior to planting

Drilling holes, Kissena Park, Queens and Ferry Point Park, Bronx

Clearing *Phragmites*, Four Sparrow Marsh, Brooklyn

The Mayor's Pledge

Fully Plant All of New York City's Streets

800 New Green streets

Reforest 2,000 Acres of Parkland

Over the last three seasons, volunteers and Parks staff have planted more than 65,000 trees. In addition to these volunteer and staff plantings, contractors have been commissioned to plant forest restoration sites and trees in landscaped areas of Parks across the City. Last year contractors planted 12,757 trees at different sites in the city.

The Reforestation Goal

From This…

…To This

Alley Pond Park, Queens

Volunteers Planting

In-house Staff Planting

millionTreesNYC
A PLANYC INITIATIVE WITH NYC PARKS AND NEW YORK RESTORATION PROJECT

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planNYC NYRP