



Municipal Tree Planting Partnerships





MISSION

A collective effort to improve our environment for people & nature.

VISION

An engaged community creating sustainable green spaces and building a vibrant tree canopy to equitably strengthen our environment, economy, society, and health.

VALUES

Accountability, Community, Environment, Equity, Fun

CG IS A PROUD MEMBER OF



Trees Provide Ranging Benefits:

- ❖ Cooler Temperatures
- ❖ Reduction in Energy Usage
- ❖ Improved Stormwater Drainage/Reduced Flooding
- ❖ Cleaner Air
- ❖ Mental Health
- ❖ Carbon Storage & Sequestration
- ❖ Biodiversity
- ❖ Habitat for Wildlife
- ❖ Increased Property Value
- ❖ Food Security



WHY THE TIME FOR TREES IS NOW

The necessities of life are at risk. The resources we often take for granted – clean air and water – are compromised. But together we can halt and even reverse the damage done. Trees are the simplest, most affordable and most effective solution to these issues, so if there ever was a time to plant trees, that time is now.

Commitment: We are partnering with the Arbor Day Foundation to help plant 100 million trees in forests and communities worldwide by 2022.

TREES & COMMUNITY

- Safety:** Residents with nearby trees and natural landscapes reported 25% fewer acts of violence.
- Value:** Having large trees along streets increases a home's value by 12%.
- Savings:** Trees reduce U.S. residential energy use by an average of 7.2% – an annual savings of \$100 for an average household.

THE SIZE AND POWER OF 100 MILLION TREES

- The Size:** 3,500 Central Parks
- The Impact:** 578,000 tons of chemical pollution removed from the air – enough to fill 70,000 Goodyear blimps

A TREE PLANTED TODAY MAKES LIFE BETTER FOR GENERATIONS TO COME.

- Healthier Environment:** Forests provide 75% of the world's accessible fresh water by removing impurities and preventing erosion.
- Healthier Economy:** Forests contribute \$33 billion to the global economy each year.
- Healthier Society:** 1/3 of modern medicine is derived from tropical forest plants, including treatments for diseases like cancer, malaria, and rheumatism.

The **TIME** for **TREES**
An Arbor Day Foundation Initiative

Arbor Day Foundation

For more information, visit timefortrees.org.

What is Tree Canopy?



Tree Canopy is a measurement of the amount of space covered by trees within a geographic area.

The US Forest Service defines a **'healthy' urban tree canopy around 40%**. Unfortunately, **most South Florida cities have a tree canopy of 14-25%**, with some cities as low as 5%!

With very few exceptions, low tree canopy areas follow national trends and have a high percentage of BIPOC residents and low median household income.



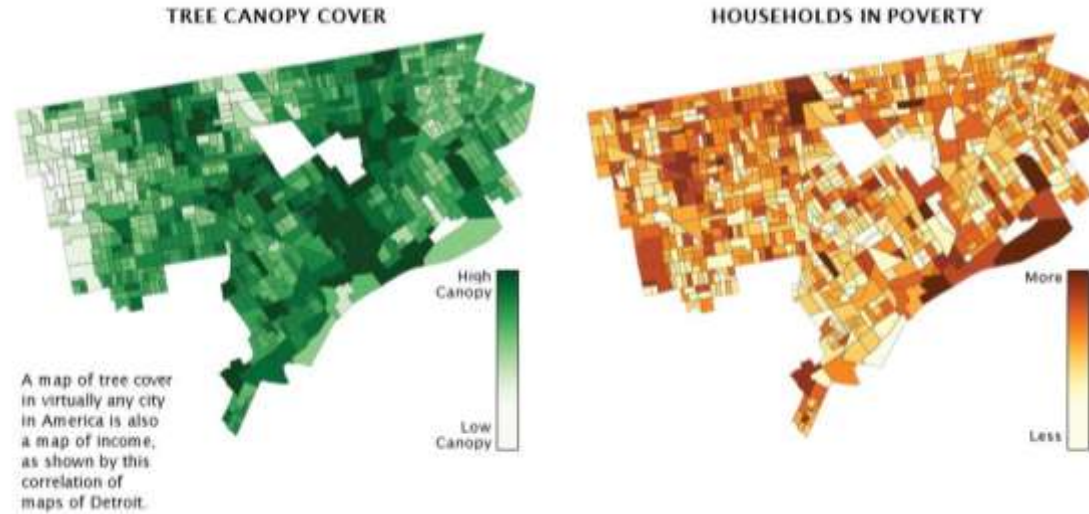
Tree Equity: *"ensuring every city neighborhood has enough trees so that every person can benefit from them"*

Trees in cities provide health, employment and climate resiliency benefits that everyone should have. They help fulfill our basic needs, such as breathing fresh air and drinking clean water. Trees also cool neighborhoods, which reduces heat-related illnesses and utility costs, and generate wealth by creating tree-related career opportunities. Much like buildings, streets and sewer lines, trees are critical infrastructure that improve our quality of life.

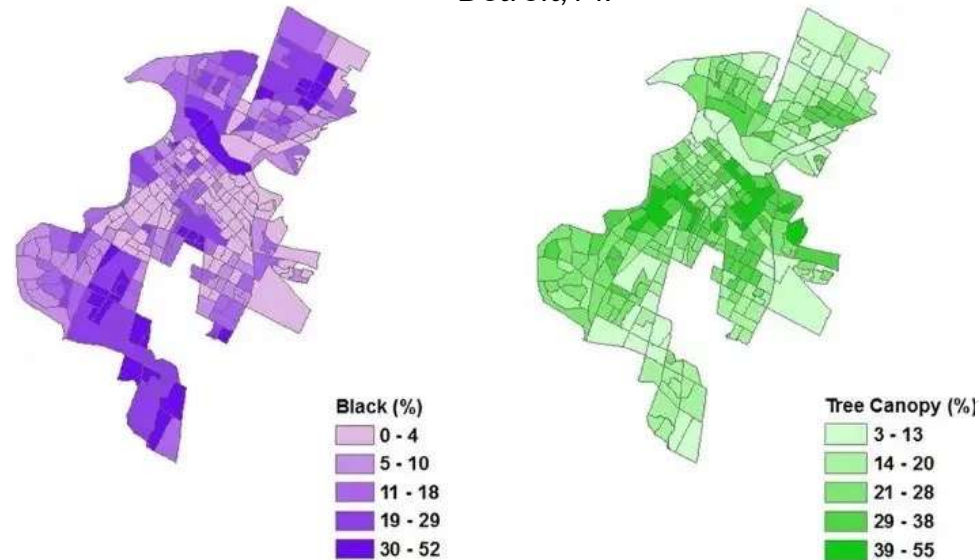
- American Forests | americanforests.org

Tree Equity is often a map of race & income.

In cities across America, wealthier areas almost always have significantly more trees – and enjoy the benefits that come with them.



Detroit, MI



Sacramento, CA



CITY

CANOPY %

Hallandale Beach

14%

Boynton Beach

16%

Miami

19%

Delray Beach

23%

Boca Raton

26%

Tampa Bay

32%

TREE CANOPY COVERAGE – NORTH AMERICAN CITIES



CITY

CANOPY %

Atlanta

47%

Baltimore

28%

Pittsburgh

41%

Savannah

44%

Toronto

31%

Washington, DC

35%

TREE PLANTING CAMPAIGNS BY CITY

<u>City</u>	<u>Canopy</u>	<u>Trees Needed</u>
Delray Beach	23% → 28%	2,000 per year (2020-2025; 10k)
Boynton Beach	16% → 20%	3,000 per year (2020-2035; 45k)*
Hallandale Beach	14% → 28%	2,000 per year (2023-2025; 35k)



City Tree Planting Campaigns involve significant logistical planning.



City Inter-departmental Tree Team

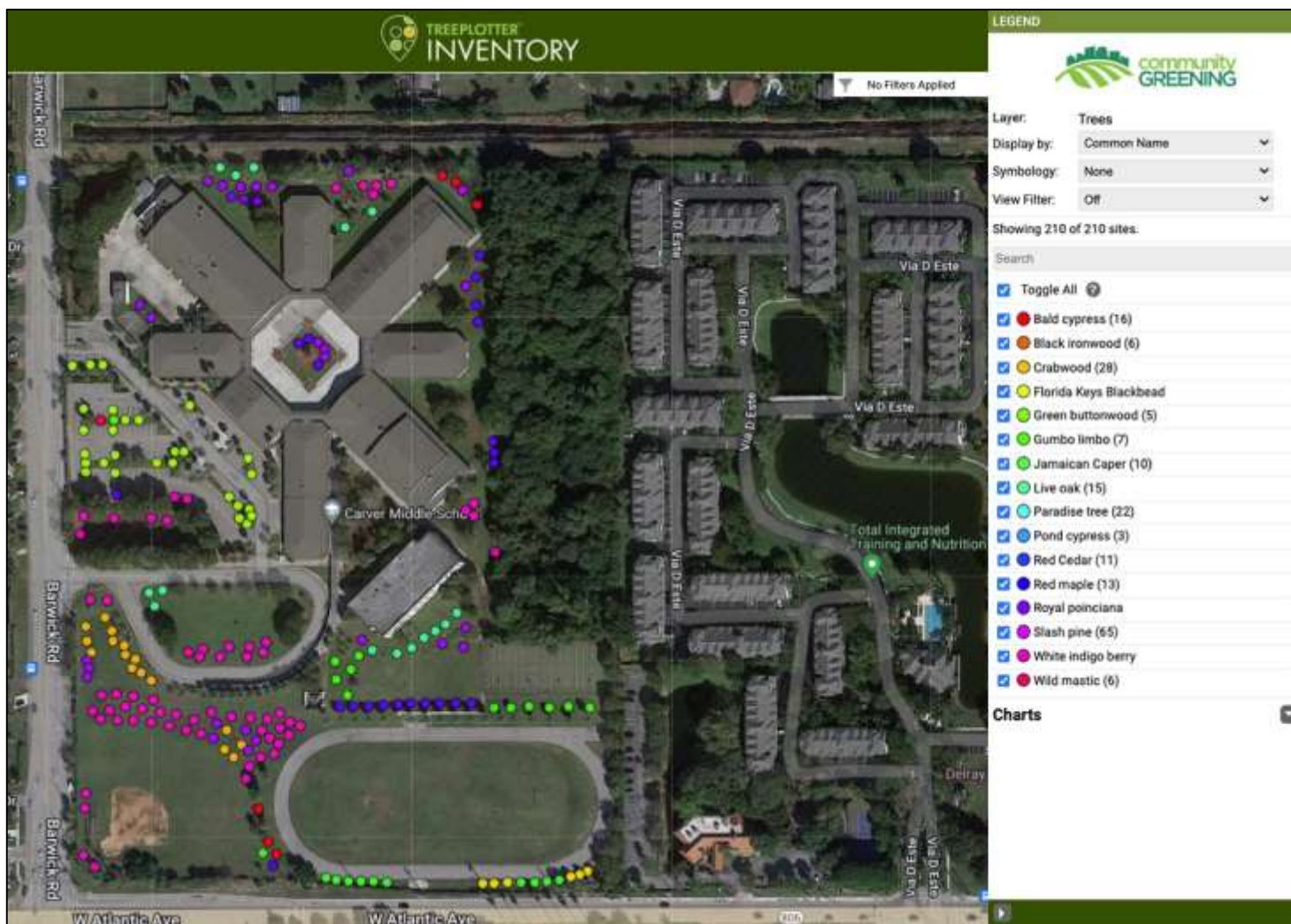
- ❖ Sustainability
- ❖ Parks
- ❖ Public Works
- ❖ Utilities
- ❖ Special Events & Police (if necessary)

Process

- ❖ Select planting locations
- ❖ Walk-through site with Community Greening
- ❖ Staff provide feedback on the site
- ❖ Site is designed by CG Certified Arborist
- ❖ Staff and Community Greening plan event logistics

City Partnership Process: Planting Design

A planting design is mapped out by a CG Certified Arborist utilizing feedback from City Partners.



City Property (Greenspace and Park) Planting: *Utilizing municipality owned property, parks and city owned property are ideal locations for plantings to increase tree canopy. New trees will provide valuable shade, helping to increase park usage, they aid in stormwater drainage, provide habitat for wildlife, clean the air & water, and add beauty.*



School Planting: *School campuses offer a great opportunity for large tree plantings. School plantings can also help engage student volunteers and promote environmental stewardship in addition to the environmental benefits - improved stormwater drainage, cleaner air and water, and reduced energy costs.*



City of Delray Beach School Plantings

Just this year alone, Community Greening has added 600 trees to school campuses in Delray Beach (Atlantic Community H.S, Carver Middle School, and Plumosa School of the Arts).

These new trees will help transform the campuses into greener spaces over the years and bring numerous environmental benefits for the students and school district.

Tree Giveaways: *Funded by a local municipality or corporate partner, residents can pick up free native or fruit trees to plant at their home. Tree Giveaways are an ideal opportunity to increase canopy on private property.*



Tree Giveaway Details:

100-300 free trees distributed during a single giveaway event.

Giveaways can be held as a walk-up or drive-thru event.

Typically, 4-8 species are offered - a mix of native & fruit varieties.

Limit of two total trees per household to maximize participation.

Tree giveaways are often held in conjunction with various city and nonprofit events like Green Market.

Urban Orchards: *Vibrant green space that features an assortment of fruit trees, which produce delicious free fruit for the local community to pick. Urban Orchards help address food accessibility, promote healthy eating, and increase environmental stewardship.*



The Community Grove

Delray Beach, FL

Once an illegal dumping ground, the Community Grove is now a beautiful urban orchard that is enjoyed by local residents.

Created in 2017 through a partnership with TD Green Streets, and numerous local organizations and partners.

The Grove was awarded the state's "Urban Forestry Program of the Year" by the Florida Urban Forestry Council in 2023.

CG has planted four Urban Orchards within Palm Beach County.

YOUTH TREE TEAM



YTT: *The Youth Tree Team is a workforce development program, employing local high school students as part-time staff. YTT members get their first work experience by helping to maintain newly planted trees, learning about proper tree care and maintenance, and conducting community outreach. They also participate in environmental enrichment activities to help promote environmental stewardship, as well as discover 'green industry' career possibilities.*



LIBRA FOUNDATION



TREE TECHNICIANS

Tree Techs: *Community Greening employs full-time Tree Technicians to care for and maintain our trees. They are responsible for watering, weeding, and pruning during the establishment period while a tree is under contract for one year after planting.*





Support Community Greening's Mission!

There are lots of ways that you can help support Community Greening's mission to plant more trees in South Florida!

Sign-up as a volunteer for one of our upcoming tree events, become a corporate sponsor, dedicate a tree, or just follow us on social media.

For more info visit us at: communitygreening.org



THANK YOU



community
GREENING

communitygreening.org

