Tree Equity

American Forests™

Jad Daley
President and CEO

Here Today to Share *and Learn from You!*

On Urban & Community Forests from the Beginning!

www.americanforests.org/our-history

1875

Concerned citizens found the American Forestry Association (now American Forests) to address rapid postwar development and intense wildfires.

1905

American Forests hosts the 2nd American Forest Congress, which catalyzes the eventual establishment of the US Forest Service to serve as a national leader in caring for all the nation's trees and forests.

1921

Alongside Lady Florence Harding, American Forests launches memorial tree campaign in cities across the U.S.

1982

American Forests hosts the first National Urban Forest Conference.

1989

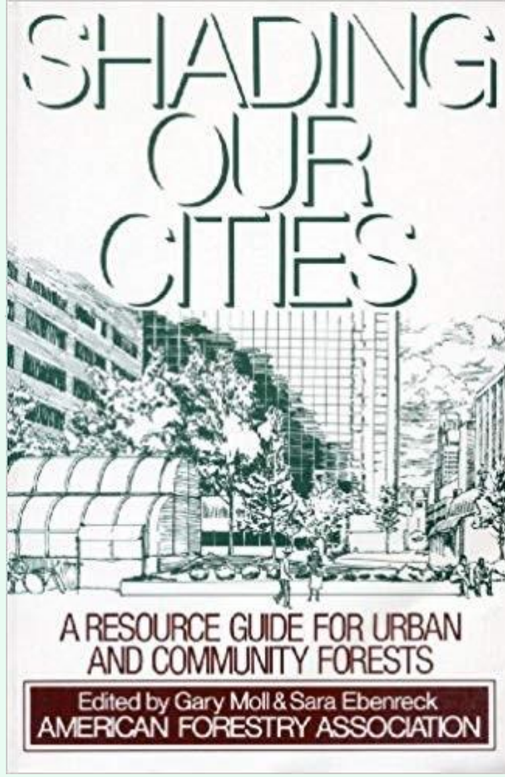
American Forests publishes "Shading Our Cities", a seminal compilation on how to manage urban heat with urban trees.

2021

American Forests launches Tree Equity Score, a tool for all urbanized areas to use as a guide for where trees are needed most.

2022

The Inflation Reduction Act includes $1.5 billion for equity and climate-focused grants through the USFS Urban & Community Forestry Program—the largest such investment in world history.



American Forests

Yes, We Even Created a Mascot

9/10/81

Rudy –

I need a young dynamic "City Squirrel" it will be the Symbol for our Urban Forestry Program. We'd like our character dressed in regular "blue-jeans" young looking – maybe a T-shirt with AFA on the front and a hat that resembles an acorn cap  at least thats been suggested and Adidas running "tennis-shoes. NAME: SPUNKY SQUIRREL

Sincerely Hank

Outline for Today's Presentation

- The case for urban trees in a changing world
- Tree Equity as a focusing framework for urban forestry
- Tools and approaches for building a Tree Equity program
- A vision for Canada-US collaboration for Tree Equity

Trees Are Key for Climate-Smart, Healthy & Just Cities

Extreme heat is an intersectional threat to urban public health that hits hardest on the most vulnerable.

Heat-resilient cities are the key to sustaining future urban health.

American Forests™

CANADIAN CLIMATE INSTITUTE | L'INSTITUT CLIMATIQUE DU CANADA

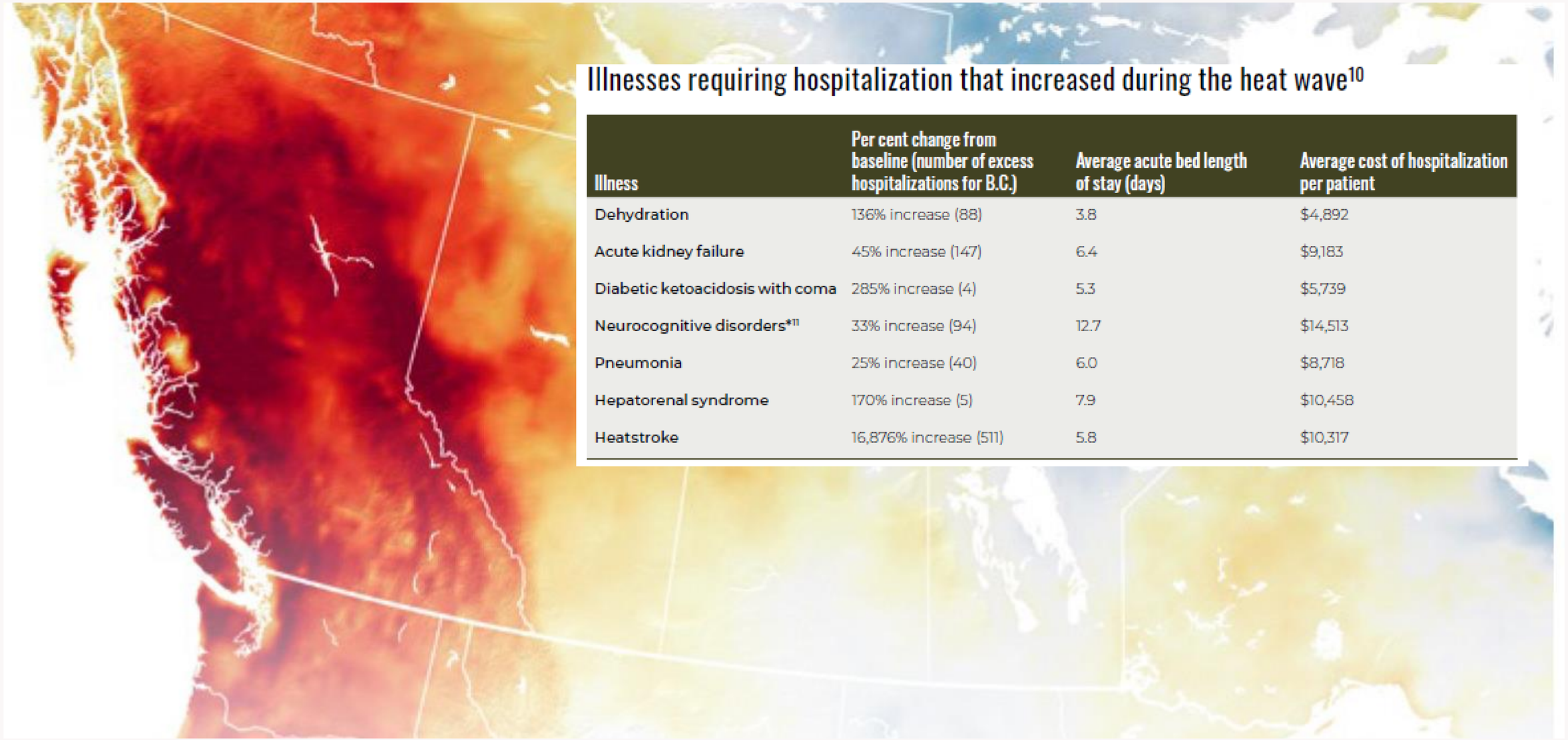
June 2023

EXTREME HEAT IN CANADA

DOWNLOAD THE REPORT

Extreme heat is costly and deadly—and it's getting more frequent and intense throughout Canada.

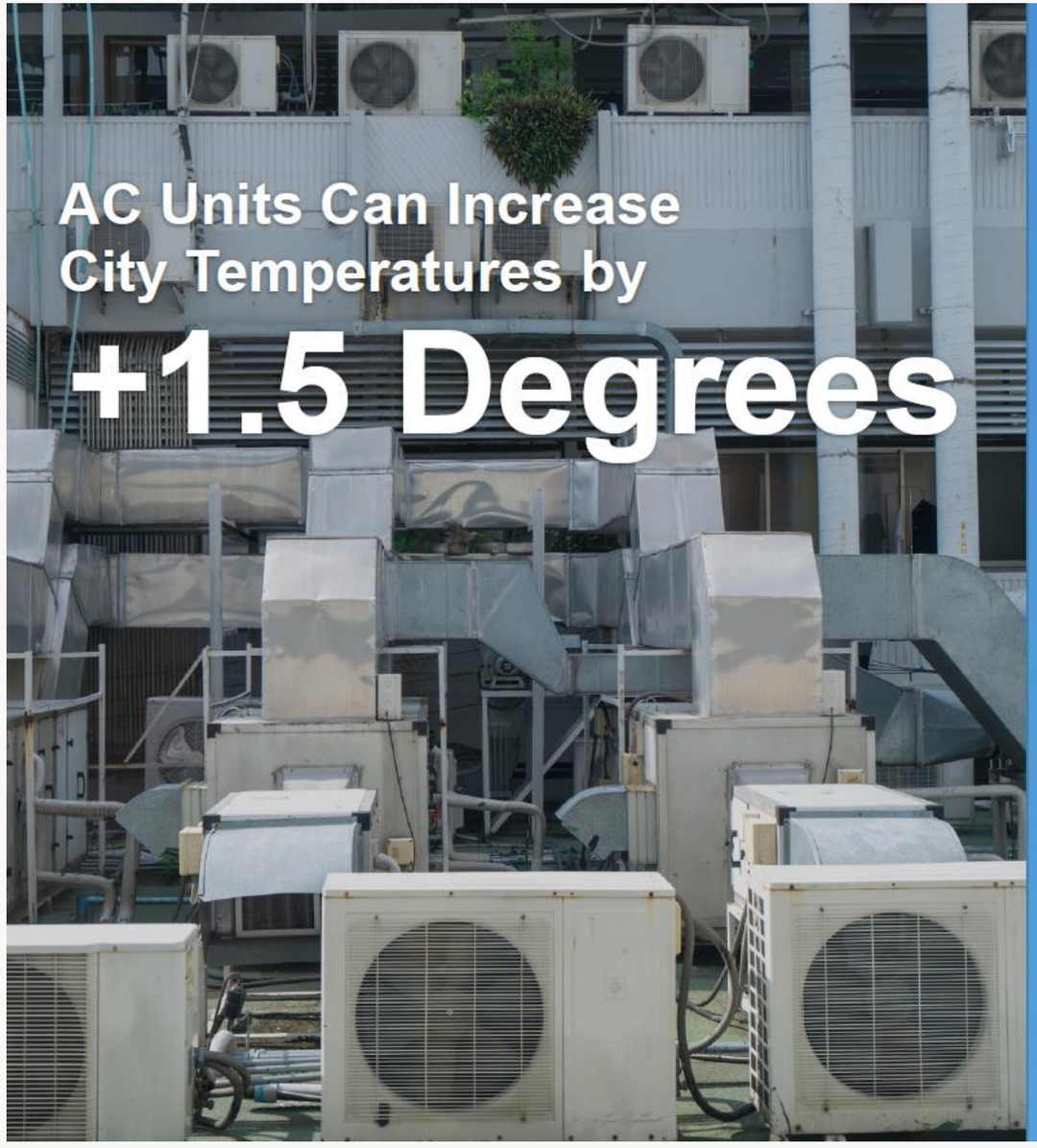
Heat-Related Deaths & Illness Are Rising



Illnesses requiring hospitalization that increased during the heat wave[10]

Illness	Per cent change from baseline (number of excess hospitalizations for B.C.)	Average acute bed length of stay (days)	Average cost of hospitalization per patient
Dehydration	136% increase (88)	3.8	$4,892
Acute kidney failure	45% increase (147)	6.4	$9,183
Diabetic ketoacidosis with coma	285% increase (4)	5.3	$5,739
Neurocognitive disorders*[11]	33% increase (94)	12.7	$14,513
Pneumonia	25% increase (40)	6.0	$8,718
Hepatorenal syndrome	170% increase (5)	7.9	$10,458
Heatstroke	16,876% increase (511)	5.8	$10,317

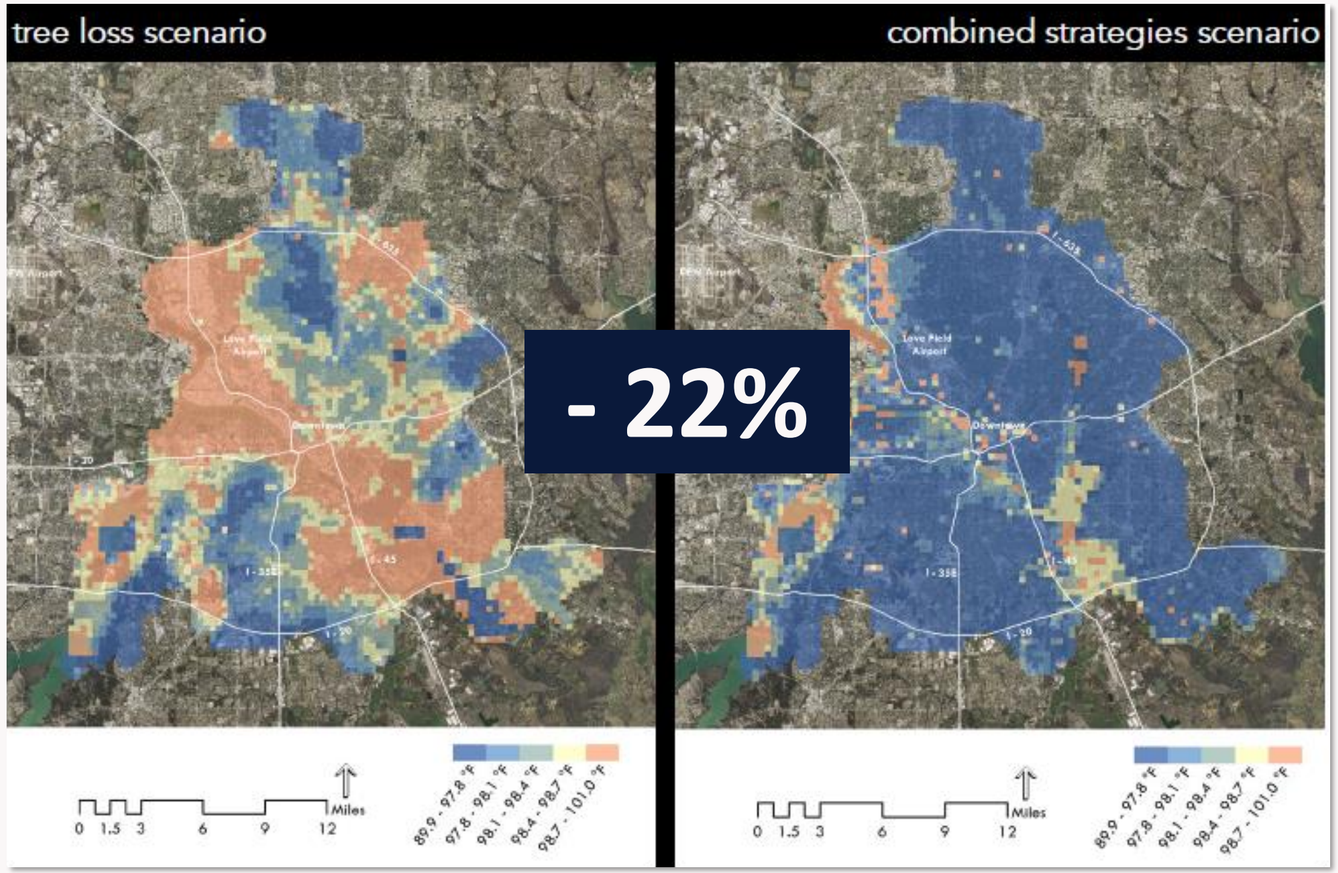
Using AC to Beat the Heat Worsens Climate Change



Extreme Heat Worsens Air Pollution

The Case for Trees As An Intersectional Solution

Using Nature's Air Conditioning Will Save Lives



While Also Saving GHG Emissions & Money

Sequestration: Trees in U.S. cities & towns capture nearly 130 Million Mt/CO2e/Year.

Energy Savings: Trees in U.S. cities & towns save 38.8 Million MWh & 246 MMBtus of energy use for heating and cooling.

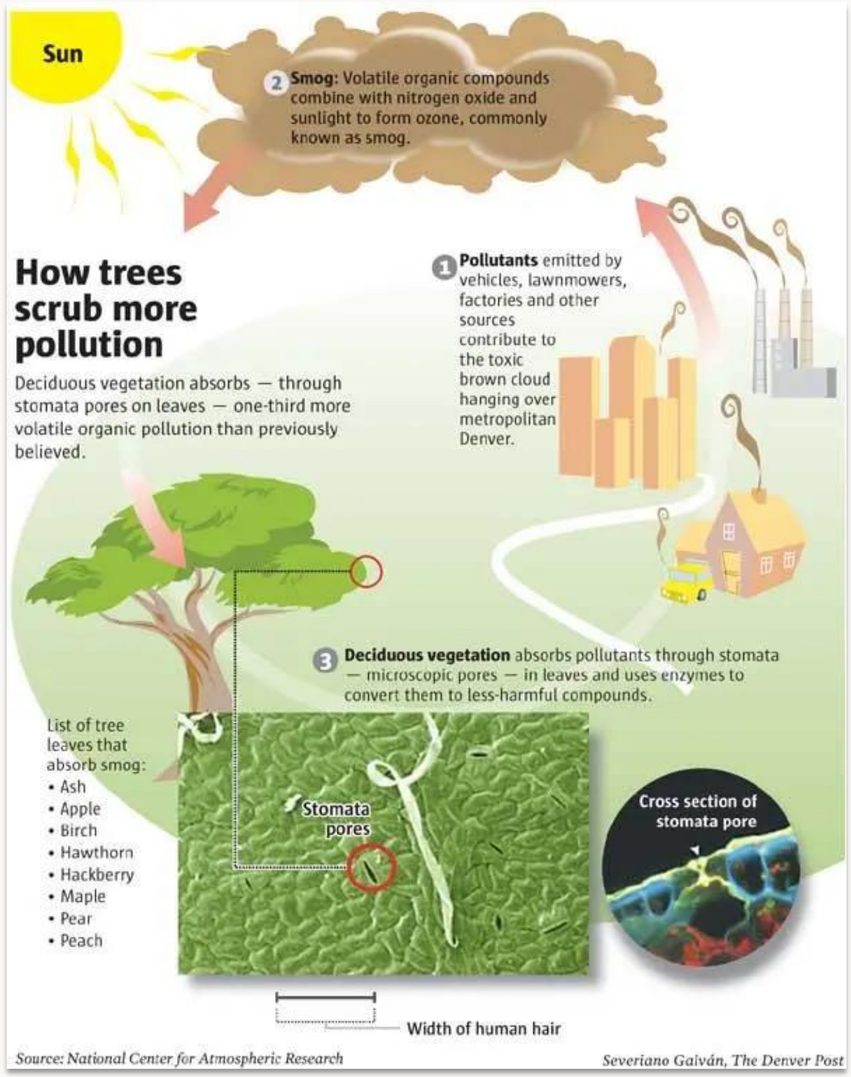
Nowak et al. 2017

https://research.fs.usda.gov/treesearch/53420

Andrew Millward and his team created the Ontario Residential Tree Benefits Estimator, for 27 cities around Ontario. The study involved 577 trees.

"A tree will save between 435 and 483 kWh per household — equal to running a dishwasher once every day for an entire year," says Millward. He says that is a saving of "over $40 over a year."

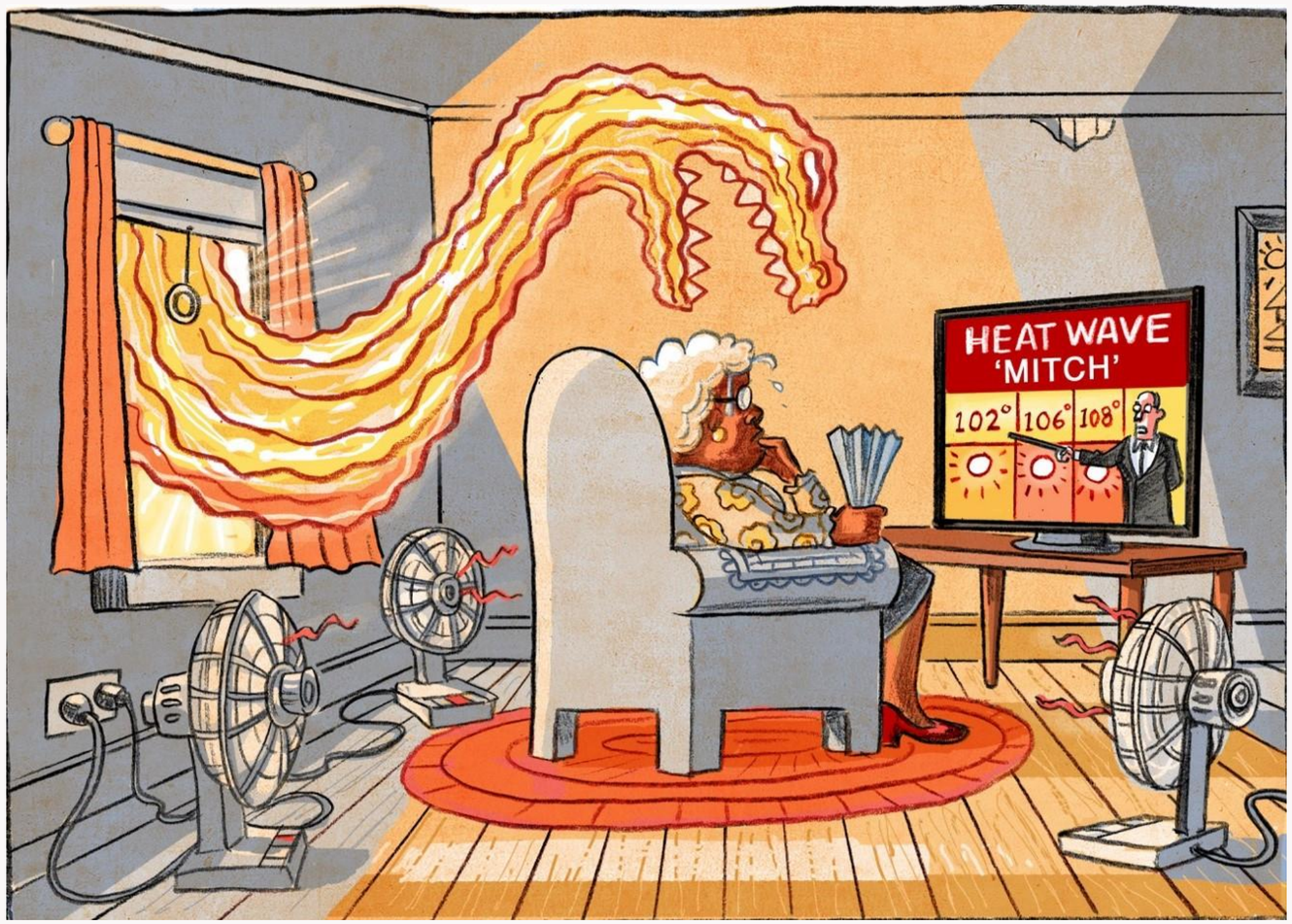
And Reducing Air Pollution



With So Much at Stake, We Must Create Tree Equity

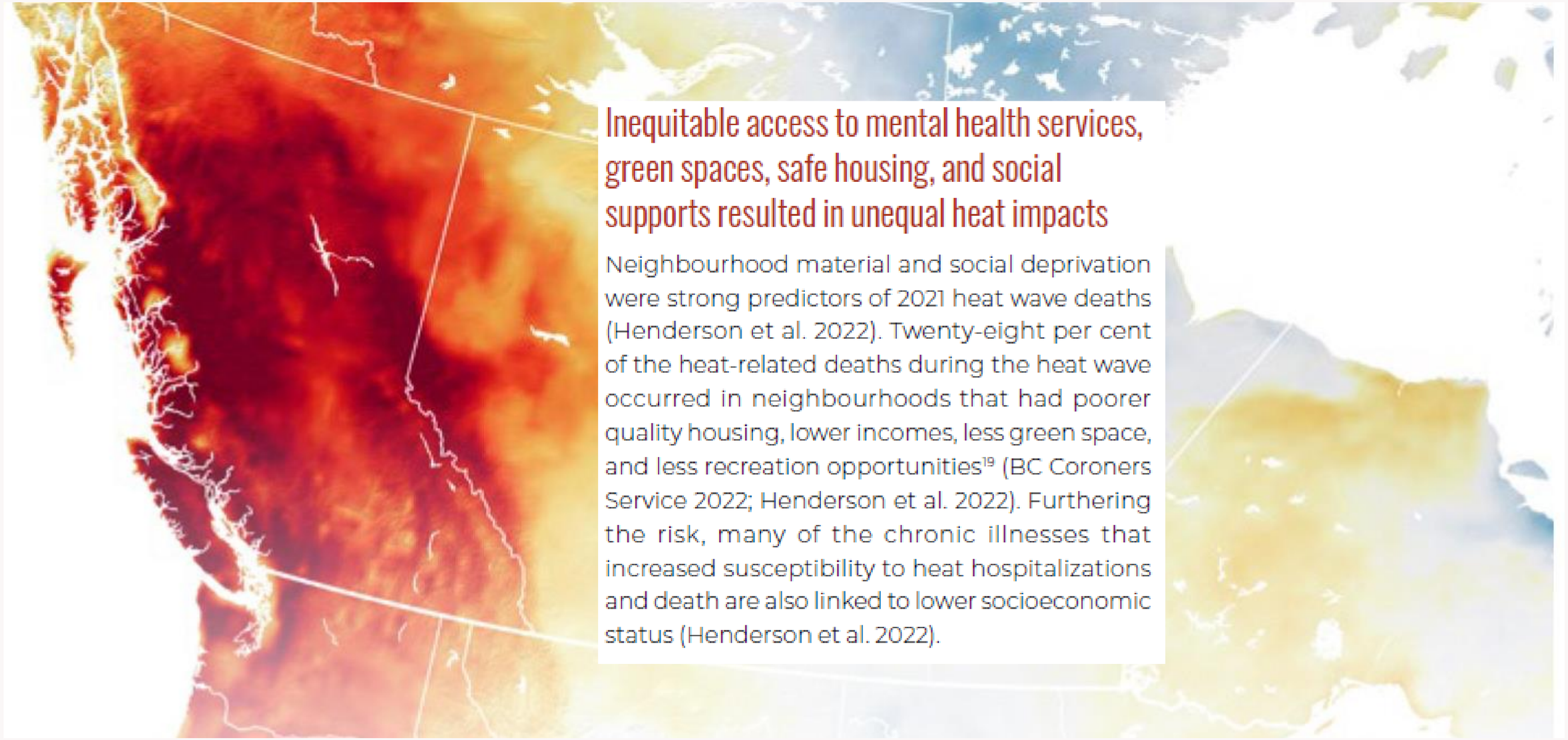
BALTIMORE 2019

26-38% Less Tree Cover
6-13 Degrees F Hotter



That means the people who most need the health benefits of trees, the household energy savings, and myriad other benefits of trees in their communities are getting them least.

Who Can Access & Afford AC?



Inequitable access to mental health services, green spaces, safe housing, and social supports resulted in unequal heat impacts

Neighbourhood material and social deprivation were strong predictors of 2021 heat wave deaths (Henderson et al. 2022). Twenty-eight per cent of the heat-related deaths during the heat wave occurred in neighbourhoods that had poorer quality housing, lower incomes, less green space, and less recreation opportunities[19] (BC Coroners Service 2022; Henderson et al. 2022). Furthering the risk, many of the chronic illnesses that increased susceptibility to heat hospitalizations and death are also linked to lower socioeconomic status (Henderson et al. 2022).

Who Can Access Climate-Safe Exercise?

Pan-Canadian Health Inequalities Reporting Initiative

Key Health Inequalities in Canada

A National Portrait

Executive Summary

Public Health Agency of Canada | Agence de la santé publique du Canada

Pan-Canadian Public Health Network

Partners in Public Health

1. **Adopt a human rights approach to action on the social determinants of health and health equity.** A human rights approach recognizes that equitable access to opportunities for health, well-being, and their determinants is an issue of fairness and justice. The right to health in particular is recognized in a number of United Nations covenants and conventions to which Canada is a party, including the International Covenant on Economic, Social and Cultural Rights. Implementation of a human rights approach to health can be supported by evidence-based, participatory, and coherent action across governments and sectors, including working with communities most affected by health inequalities to design interventions that are both relevant and effective.

Tools and Approaches to Build a Tree Equity Program

Our Tree Equity Program Model

Urban Wood

Tree Care

Tree Planting

Tree Nurseries

Tree Protection

Action Plan

Tree Equity Commitment

Data-Driven Priorities

Community Engagement

Inclusive Partnership

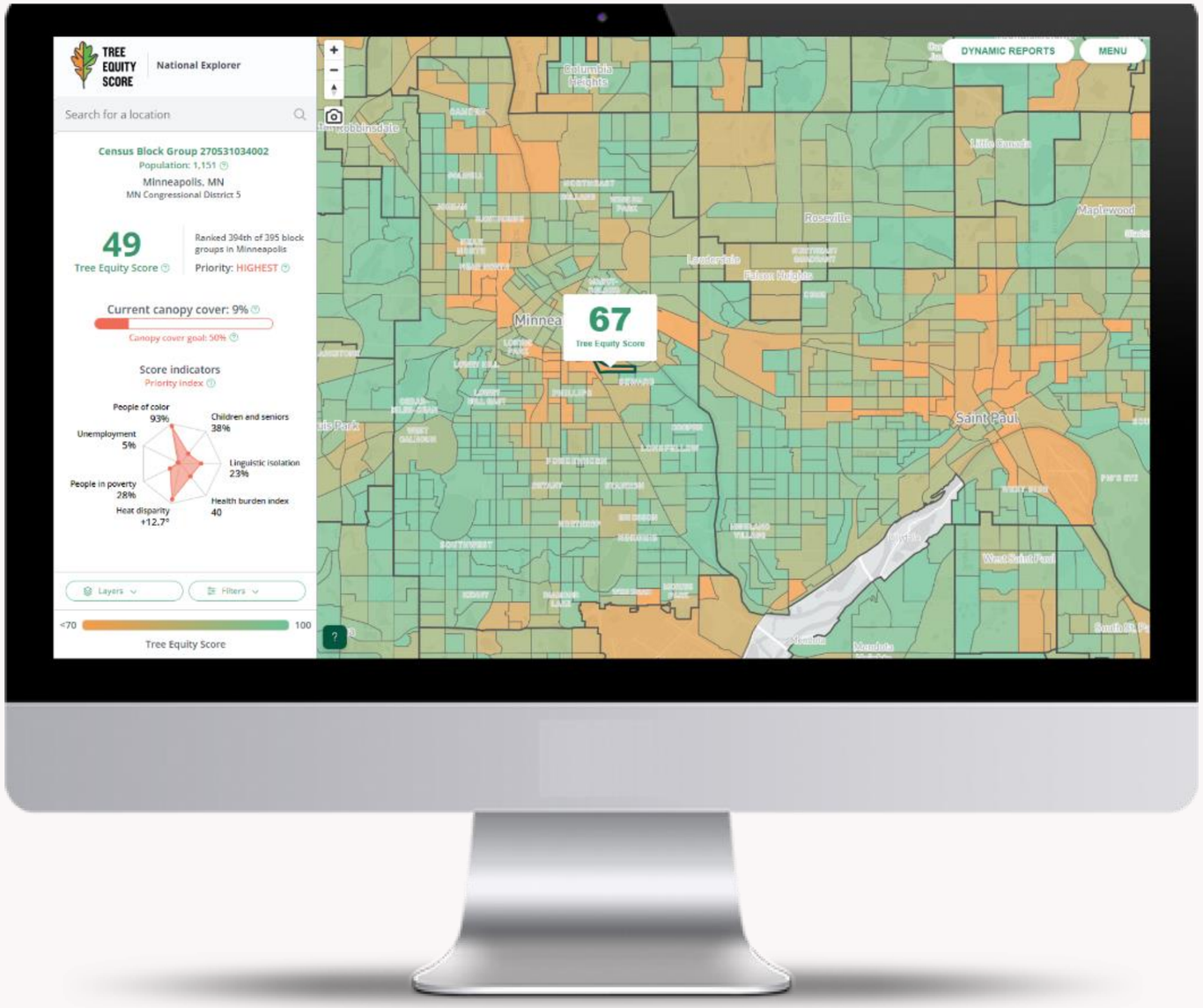
Getting It Right for Community Engagement

Who?

When?

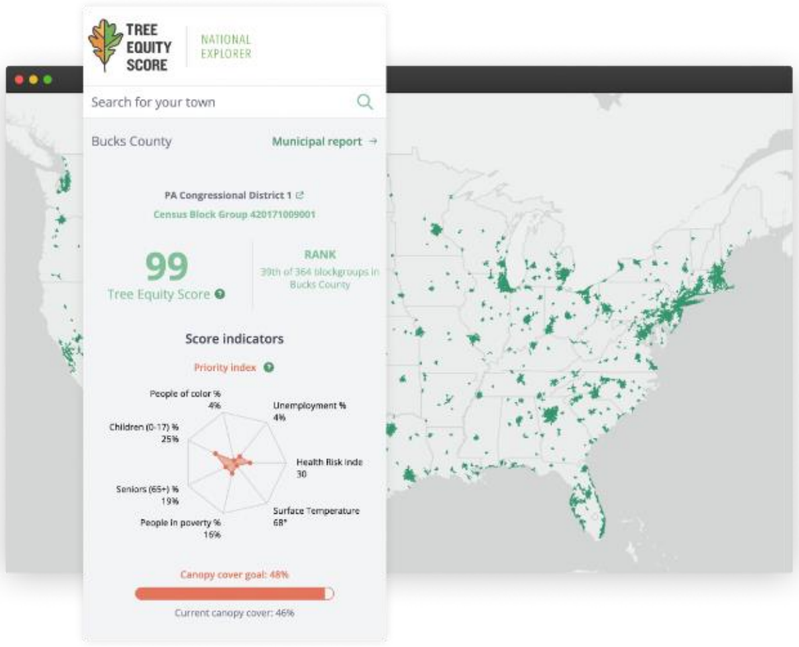
How?

Who Gets Paid?



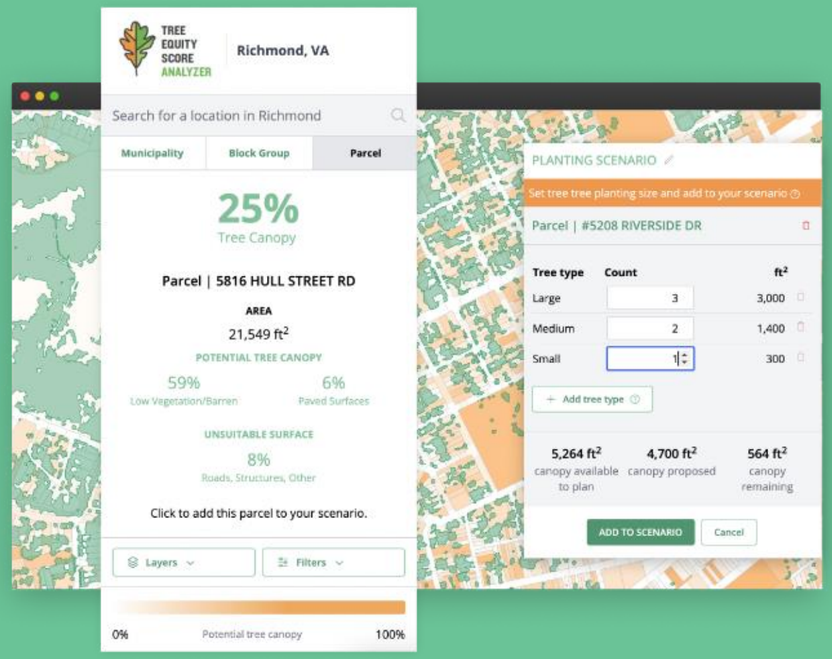
American Forests created Tree Equity Score to make the case for Tree Equity & guide local action.

190,000 urban neighborhoods
12,000+ cities and towns
80% of the U.S. population



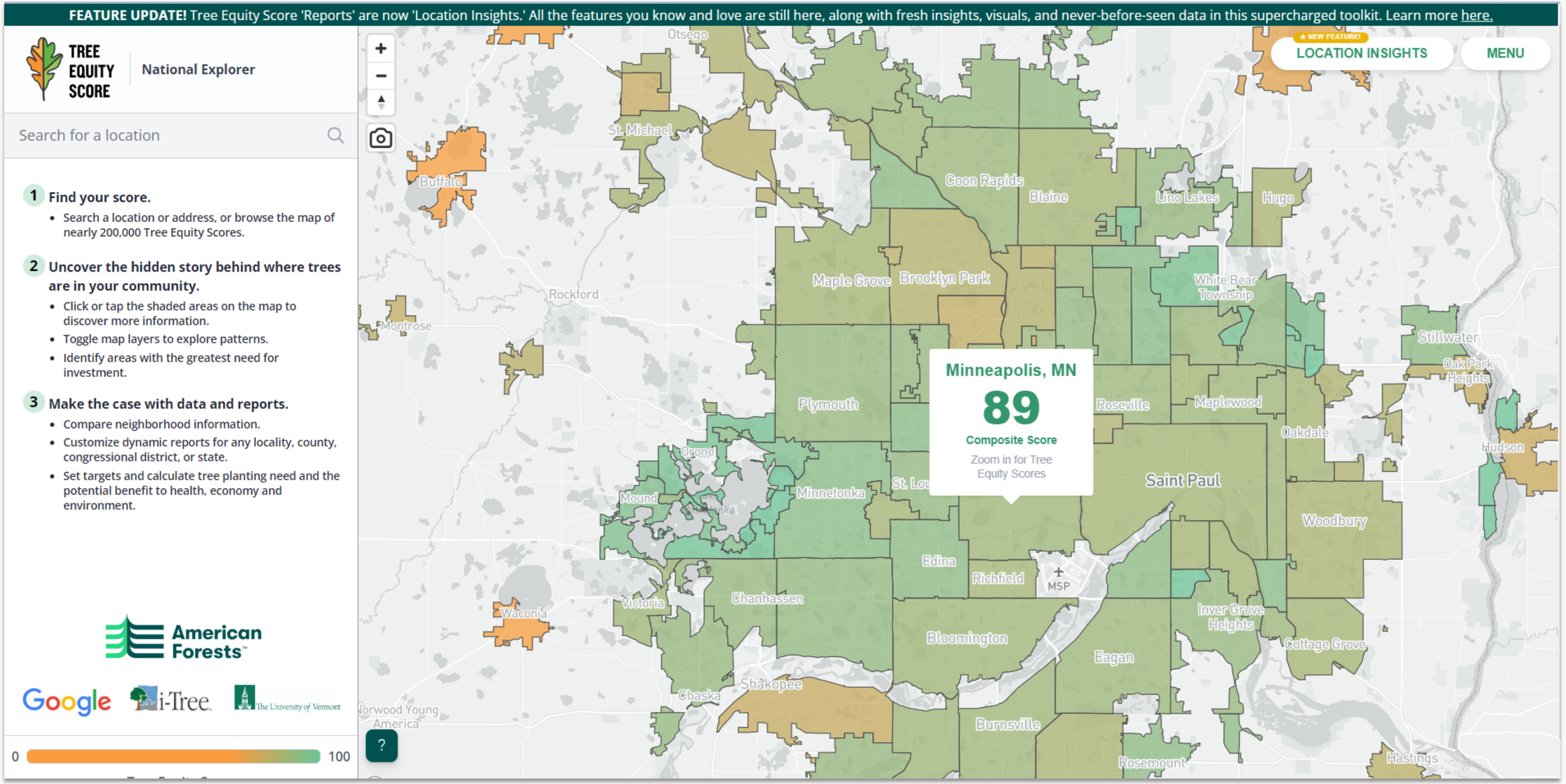
Our flagship National Explorer makes Tree Equity Score available to all.

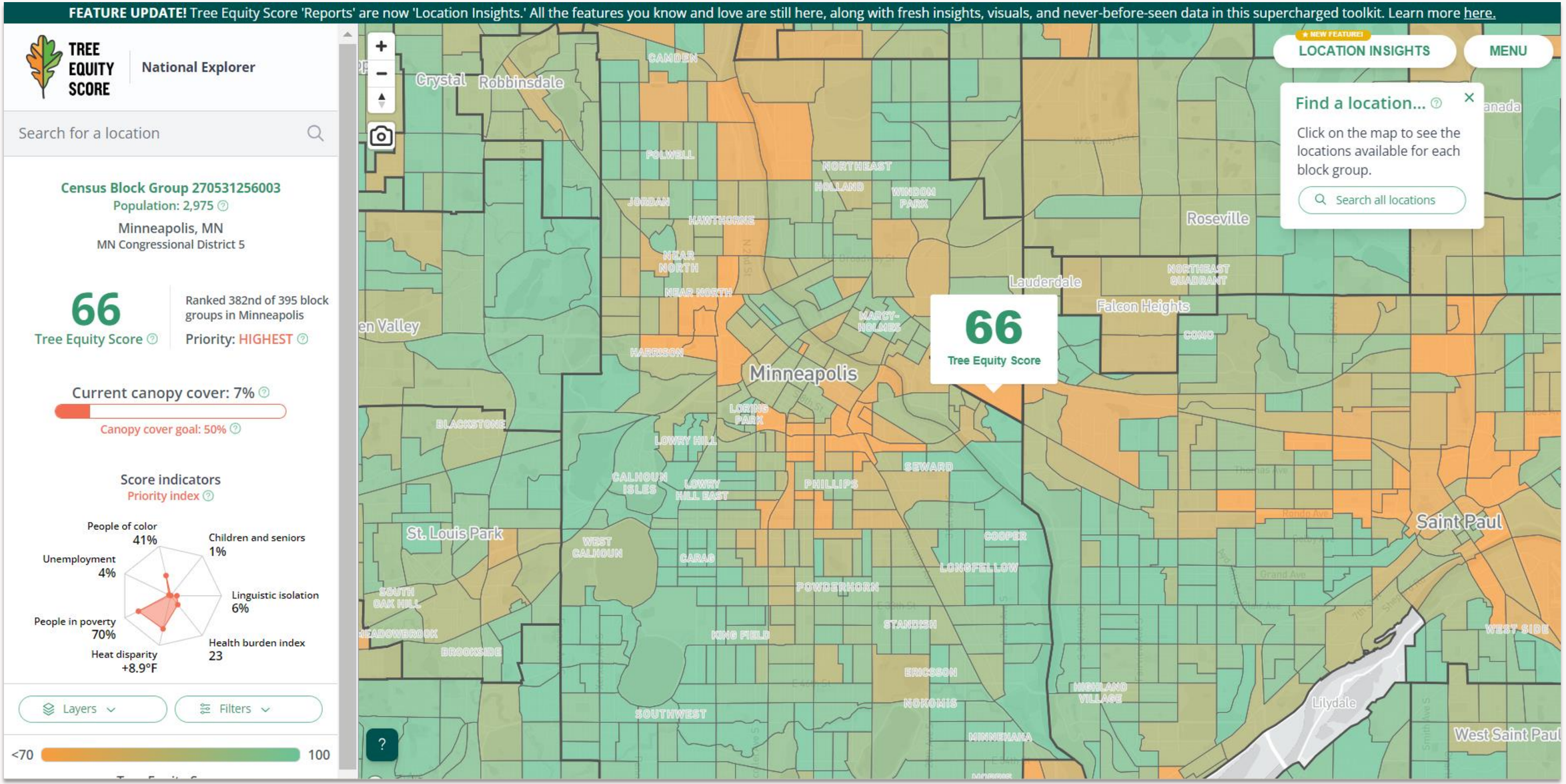
- Scores for 190,000+ urban block groups in the
- A national standard to support equity-first tree planting and investment.
- Neighborhood-level data; municipal and regional goal-setting.
- Communicate the positive impacts of trees.



Local Analyzers serve a single city or region to help users *shift* Tree Equity Scores.

- Data for all public and private properties.
- For each block group (neighborhood), set Tree Equity Score goals and estimate planting needs.
- Build property-level plans to shift scores. Track progress. Communicate the benefits of new and existing trees.
- Co-created with stakeholders; locally-tailored.


FEATURE UPDATE! Tree Equity Score 'Reports' are now 'Location Insights.' All the features you know and love are still here, along with fresh insights, visuals, and never-before-seen data in this supercharged toolkit. Learn more here.
TREE EQUITY SCORE
National Explorer
Search for a location
1 Find your score.
• Search a location or address, or browse the map of nearly 200,000 Tree Equity Scores.
2 Uncover the hidden story behind where trees are in your community.
• Click or tap the shaded areas on the map to discover more information.
• Toggle map layers to explore patterns.
• Identify areas with the greatest need for investment.
3 Make the case with data and reports.
• Compare neighborhood information.
• Customize dynamic reports for any locality, county, congressional district, or state.
• Set targets and calculate tree planting need and the potential benefit to health, economy and environment.
American Forests™
Google
i-Tree
The University of Vermont
0
100
NEW FEATURE!
LOCATION INSIGHTS
MENU
Minneapolis, MN
89
Composite Score
Zoom in for Tree Equity Scores
Otsego
St. Michael
Buffalo
Coon Rapids
Blaine
Lino Lakes
Hugo
Maple Grove
Brooklyn Park
White Bear Township
Rockford
Montrose
Stillwater
Oak Park Heights
Plymouth
Roseville
Maplewood
Oakdale
Hudson
Orono
Minnetonka
Saint Paul
Woodbury
Edina
Richfield
MSP
Victoria
Chanhassen
Waconia
Inver Grove Heights
Bloomington
Cottage Grove
Eagan
Shakopee
Chaska
Burnsville
Rosemount
Hastings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TREE EQUITY SCORE
National Explorer
Search for a location
Census Block Group 270531256003
Population: 2,975
Minneapolis, MN
MN Congressional District 5
66
Tree Equity Score
Ranked 382nd of 395 block groups in Minneapolis
Priority: HIGHEST
Current canopy cover: 7%
Canopy cover goal: 50%
Score indicators
Priority index
People of color 41%
Children and seniors 1%
Unemployment 4%
Linguistic isolation 6%
People in poverty 70%
Health burden index 23
Heat disparity +8.9°F
Layers
Filters
<70
100
NEW FEATURE!
LOCATION INSIGHTS
MENU
Find a location...
Click on the map to see the locations available for each block group.
Search all locations
66
Tree Equity Score
Minneapolis
Saint Paul
Roseville
Lauderdale
Falcon Heights
St. Louis Park
Crystal
Robbinsdale
West Saint Paul
Lilydale

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TREE EQUITY SCORE

Tree Equity Score Location Insights

Minneapolis, MN

OPEN IN REPORTS (LEGACY) | BACK TO MAP

change location

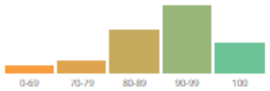
OVERVIEW

Achieving Tree Equity

Expanding the urban canopy by 6.8 square miles (roughly 316,674 trees) and maintaining the existing canopy would bring every urban neighborhood in Minneapolis to a Tree Equity Score of 100.

Distribution of Scores

Composite Score: 89



Summary

Urban area population	429,954	Children (0-17)	20%
Tree canopy cover	30%	Seniors (65+)	10%
People in poverty	34%	Linguistic isolation	5%
People of color	40%	Average health burden index	33
Unemployment	6%	Neighborhoods below 100	83%

START PLANNING

New canopy | Existing canopy

Adjust the slider to expand or narrow your planning. Choose a Tree Equity Score target and estimate the impacts of new trees added.

144 of 395 blockgroups have a Tree Equity Score below 90

Drag to adjust target score

ESTIMATED TOTAL ANNUAL BENEFITS NEW CANOPY

2.2 sq-mi of canopy expansion will be needed to get all block groups to at least a score of 90 (this is equivalent to roughly 103,974 trees). See the significant benefits this will create.

New Canopy Cover Added	Annual Ecosystem Service Value	Jobs Supported	New Composite Locality Score
4.1%	$695,205	756	93

CARBON

Carbon sequestered
1,463.0
tons

Carbon sequestered equal to:
1,050
gas-powered cars offset

Carbon sequestered equal to:
613
homes' energy use offset

WATER

Stormwater runoff prevented
21.2
million gallons

Stormwater runoff equal to:
1,062
standard swimming pools

Rainfall intercepted
73.1
million gallons

AIR

Pm2.5 pollution removed
1,812.7
lbs

Pm2.5 pollution equal to:
835
gas-powered cars offset

Nitrogen dioxide removed
6,104.1
lbs

Sulfur dioxide removed
667.7
lbs

Pm10* pollution removed
8.0
tons

Ozone removed
22.3
tons

Sources: i-Tree Landscape, Google Environmental Insights Explorer Tree Canopy, American Forests. For more details, see our methodology.

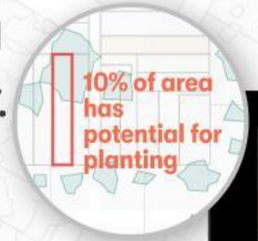
ADVANCED PLANNING TOOLS 144 block groups

See your target areas on a map. View data for each target block group. Use the slider to expand or narrow your planning.

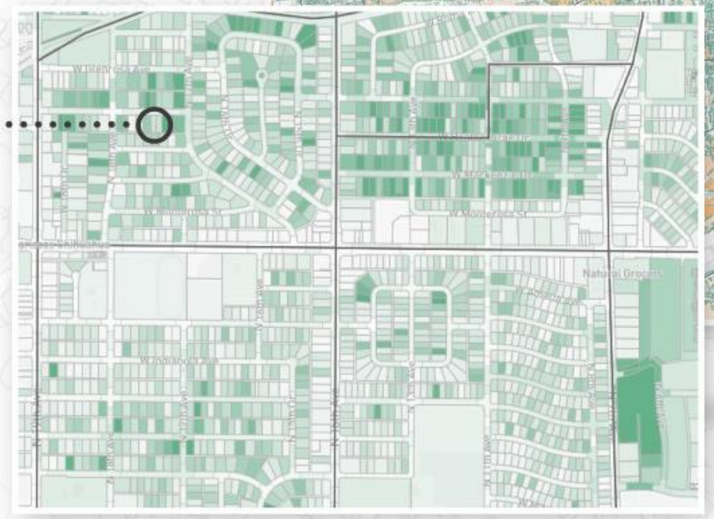
Expand planning tools

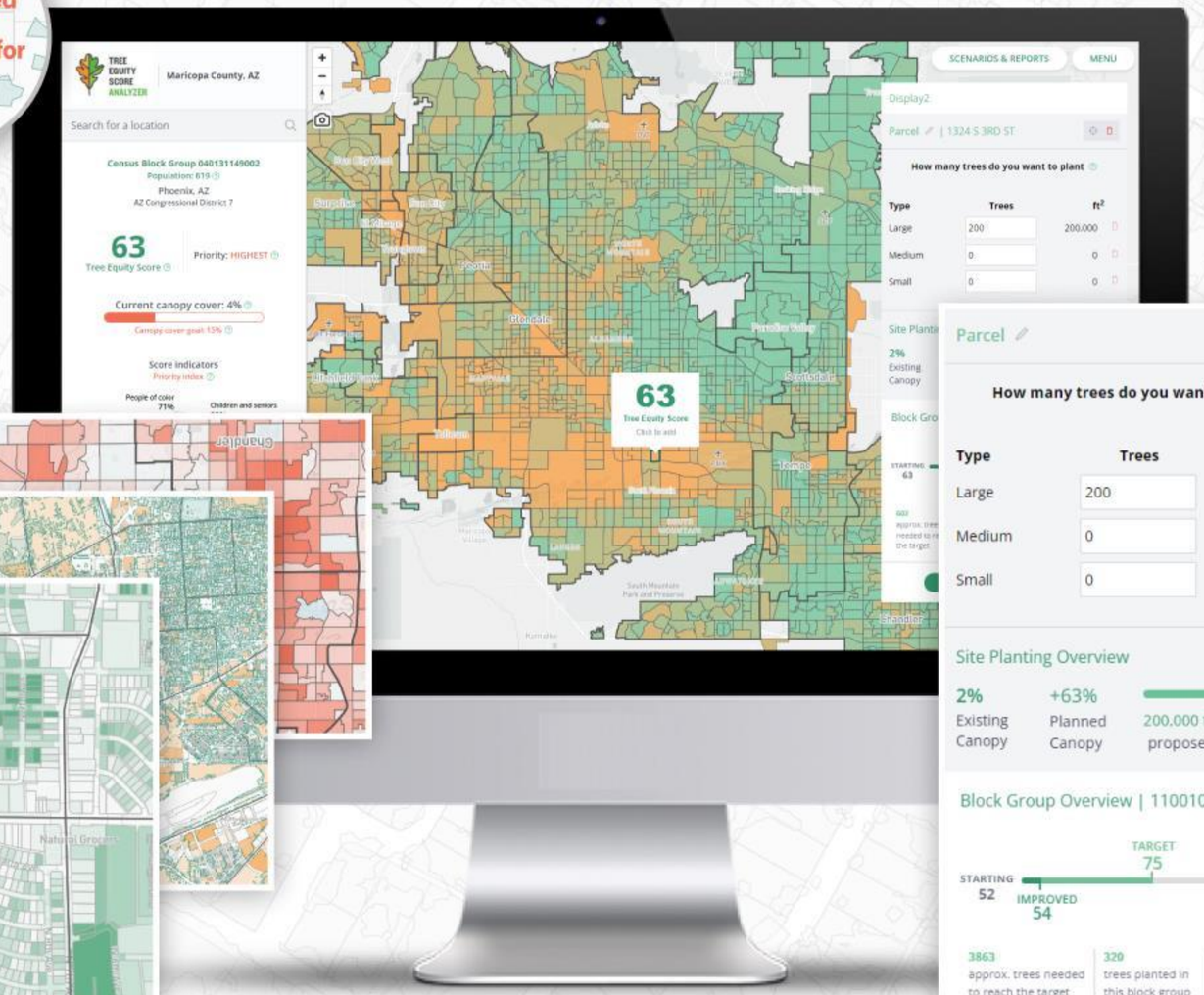
ANATOMY OF A
TREE EQUITY SCORE ANALYZER

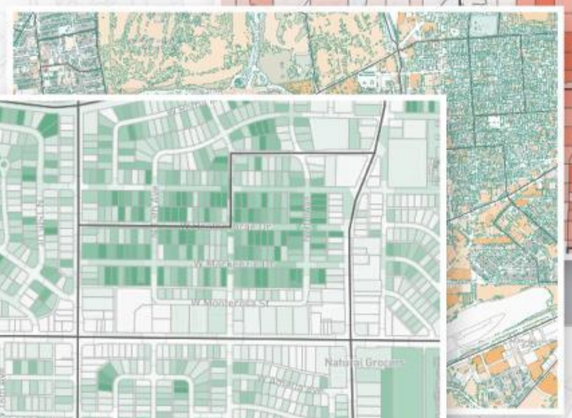
Evaluate the potential for tree planting on individual properties.



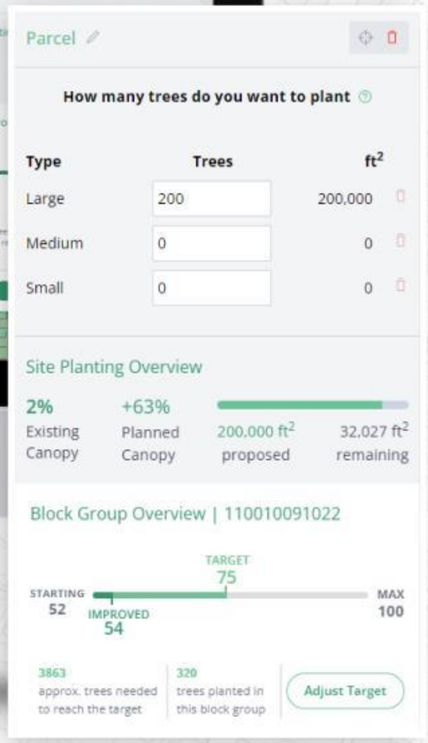
Explore layers of rich spatial information down to the property level.





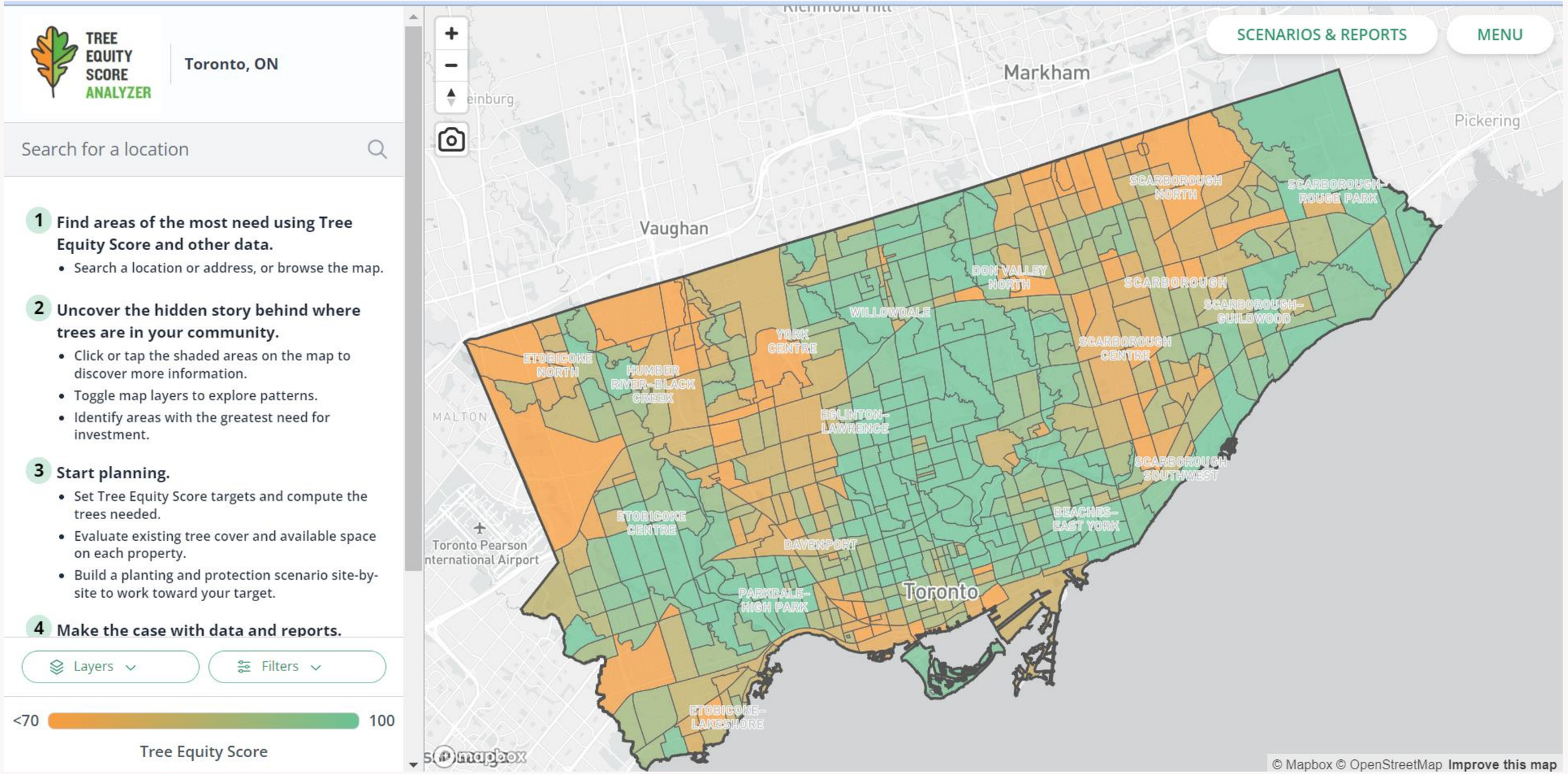


Set custom Tree Equity Score targets for each neighborhood and track your progress.

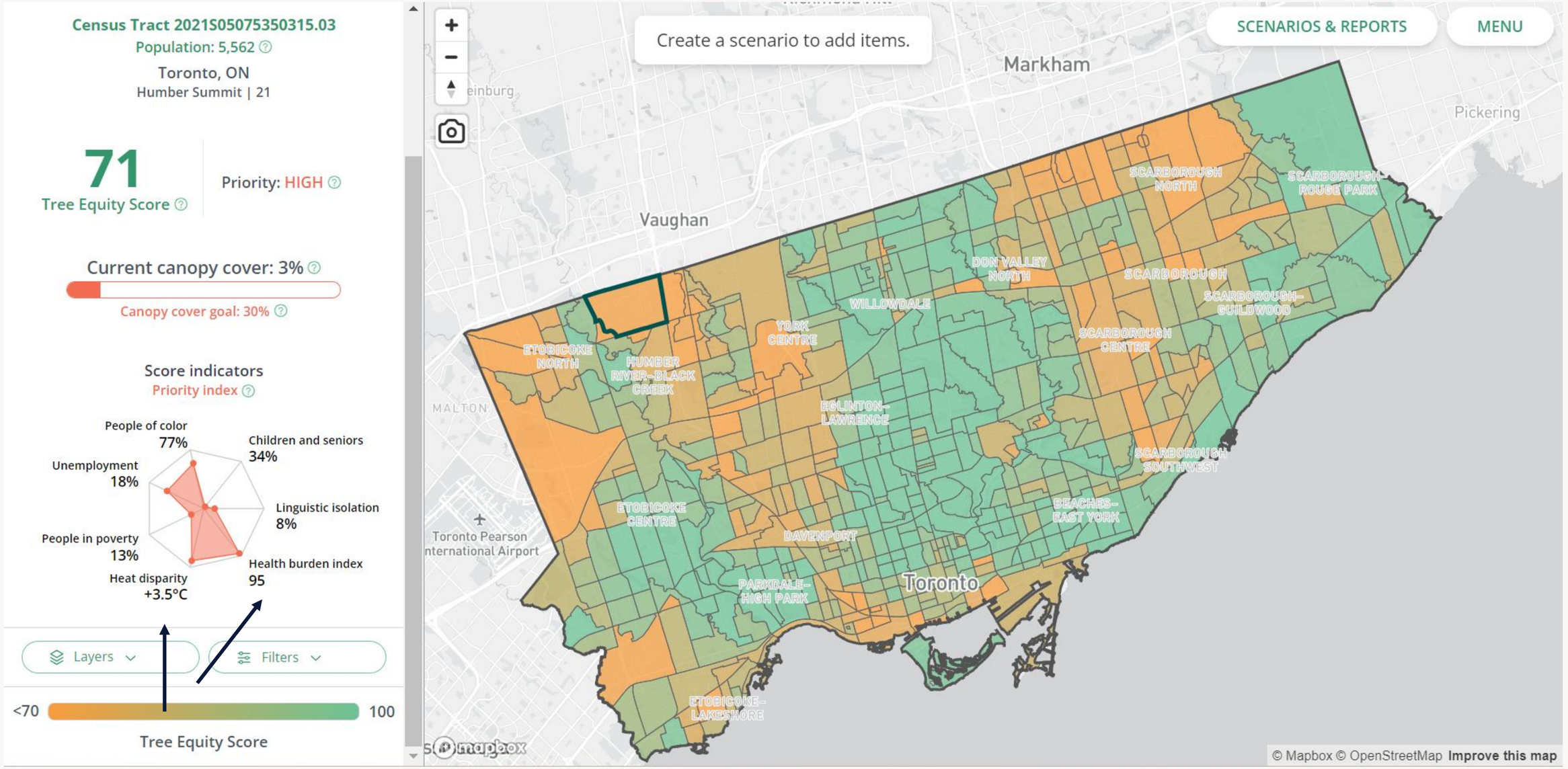


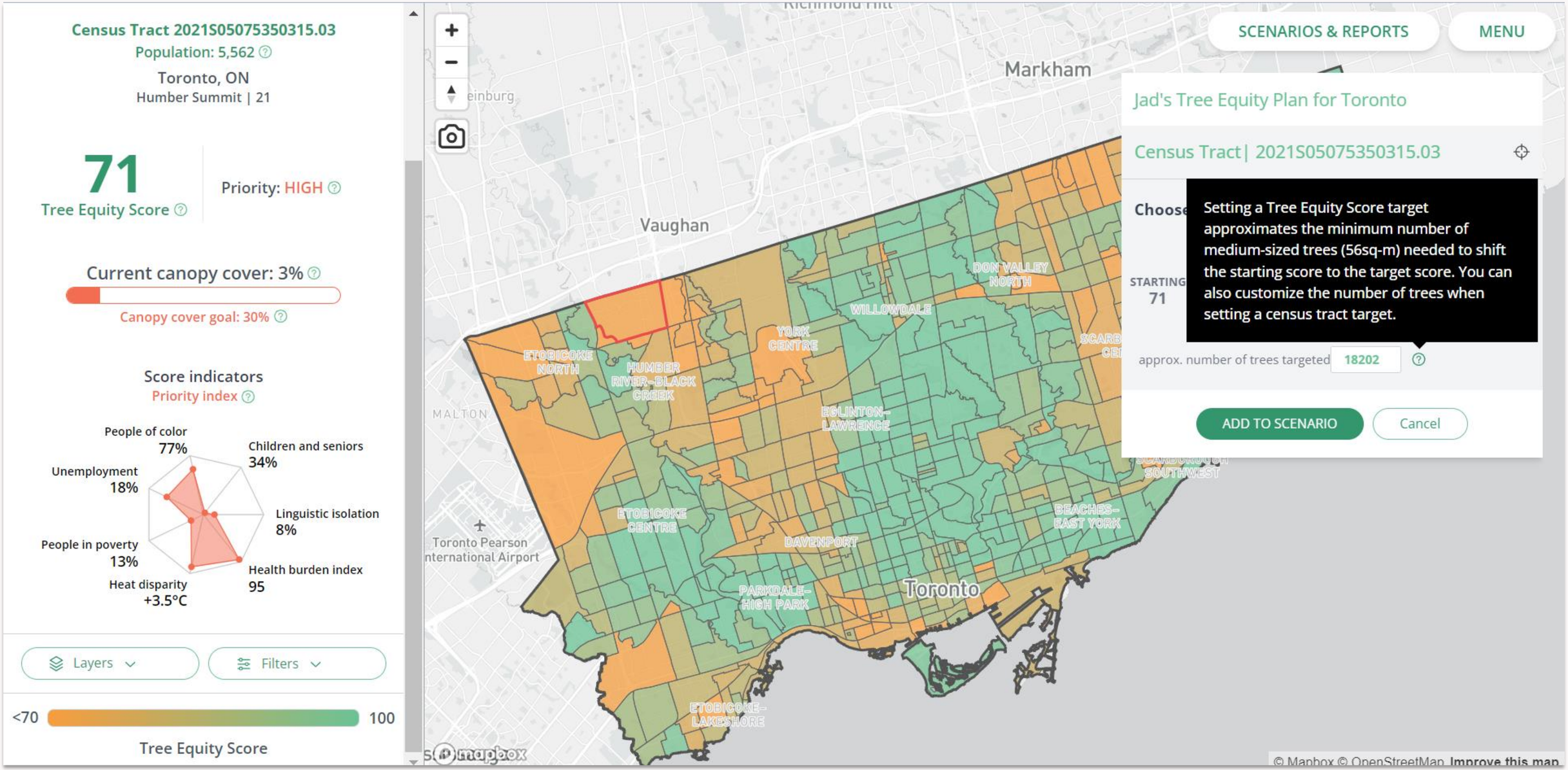
Create property-level plans to shift Tree Equity Scores.


TREE EQUITY SCORE
American Forests™
National Map
Local Analyzers
Tree Equity Score Analyzer
Toronto, ON
Discover how human-centered tree plantings can improve health and well-being in Toronto's neighbourhoods.
Deep dive into the Toronto Tree Equity Score Analyzer for neighbourhood- and property-level tools that can help you chart a course toward Tree Equity.
LAUNCH THE APP



https://www.treeequityscore.org/analyzer/toronto.org/


Census Tract 2021S05075350315.03
Population: 5,562
Toronto, ON
Humber Summit | 21
71
Tree Equity Score
Priority: HIGH
Current canopy cover: 3%
Canopy cover goal: 30%
Score indicators
Priority index
People of color
77%
Children and seniors
34%
Unemployment
18%
Linguistic isolation
8%
People in poverty
13%
Health burden index
95
Heat disparity
+3.5°C
Layers
Filters
<70
100
Tree Equity Score
Create a scenario to add items.
SCENARIOS & REPORTS
MENU
Markham
Pickering
Vaughan
MALTON
Toronto Pearson International Airport
Toronto
ETOBICOKE NORTH
HUMBER RIVER–BLACK CREEK
YORK CENTRE
WILLOWDALE
DON VALLEY NORTH
SCARBOROUGH NORTH
SCARBOROUGH–ROUGE PARK
SCARBOROUGH
SCARBOROUGH–GUILDWOOD
SCARBOROUGH CENTRE
EGLINTON–LAWRENCE
SCARBOROUGH SOUTHWEST
ETOBICOKE CENTRE
BEACHES–EAST YORK
DAVENPORT
PARKDALE–HIGH PARK
ETOBICOKE–LAKESHORE
mapbox
© Mapbox © OpenStreetMap Improve this map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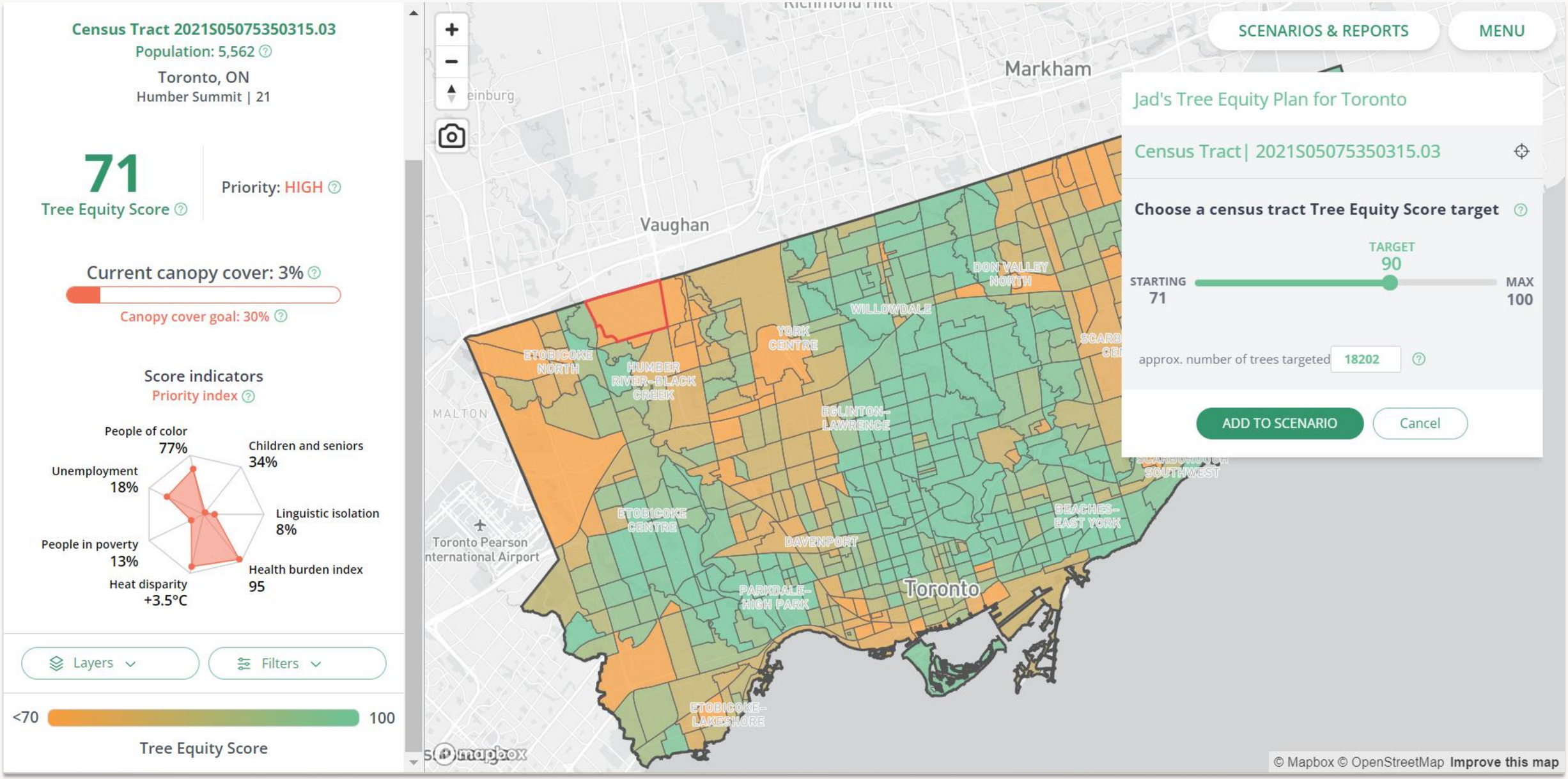
Heat disparity
+3.5°C
Layers
Filters
<70
100
Tree Equity Score
SCENARIOS & REPORTS
MENU
Jad's Tree Equity Plan for Toronto
Census Tract| 2021S05075350315.03
Choose
STARTING
71
Setting a Tree Equity Score target approximates the minimum number of medium-sized trees (56sq-m) needed to shift the starting score to the target score. You can also customize the number of trees when setting a census tract target.
approx. number of trees targeted
18202
ADD TO SCENARIO
Cancel
Markham
Vaughan
MALTON
Toronto Pearson International Airport
Toronto
ETOBICOKE NORTH
HUMBER RIVER–BLACK CREEK
YORK CENTRE
WILLOWDALE
DON VALLEY NORTH
EGLINTON–LAWRENCE
ETOBICOKE CENTRE
DAVENPORT
PARKDALE–HIGH PARK
BEACHES–EAST YORK
ETOBICOKE–LAKESHORE
© Mapbox © OpenStreetMap Improve this map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Layers
Filters
<70
100
Tree Equity Score
SCENARIOS & REPORTS
MENU
Jad's Tree Equity Plan for Toronto
Census Tract| 2021S05075350315.03
Choose a census tract Tree Equity Score target
TARGET
90
STARTING
71
MAX
100
approx. number of trees targeted
18202
ADD TO SCENARIO
Cancel
Markham
Vaughan
MALTON
Toronto Pearson International Airport
Toronto
ETOBICOKE NORTH
HUMBER RIVER–BLACK CREEK
YORK CENTRE
WILLOWDALE
DON VALLEY NORTH
EGLINTON–LAWRENCE
ETOBICOKE CENTRE
DAVENPORT
BEACHES–EAST YORK
PARKDALE–HIGH PARK
ETOBICOKE–LAKESHORE
© Mapbox © OpenStreetMap Improve this map

Scenario Benefits

Census Tracts | Parcels & Rights-of-Way | Existing Site Canopy

Total annual estimated benefits of the approx. **18,202 trees targeted that you would need to plant** to reach your combined census tract Tree Equity Score targets.

Annual Ecosystem Service Value

$308,796.57

CARBON

Carbon sequestered
196.8
tonnes

Carbon sequestered equal to:
222
gas-powered cars offset

Carbon sequestered equal to:
169
homes' energy use offset

WATER

Stormwater runoff prevented
11.9
million litres

Stormwater runoff equal to:
59,358
rain barrels

AIR

Pm2.5 pollution removed
183.7
kgs

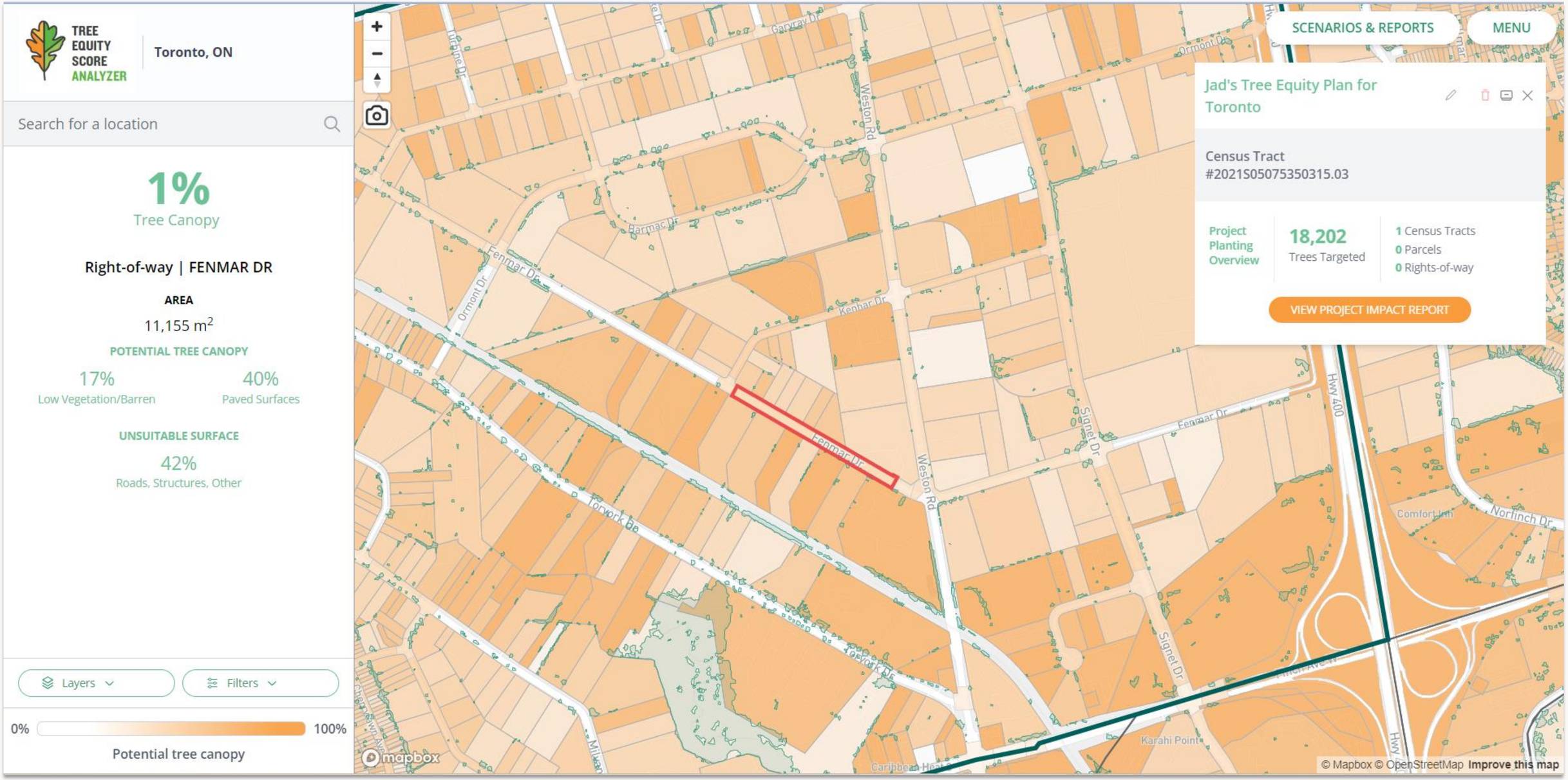
Pm2.5 pollution equal to:
942
gas-powered cars offset

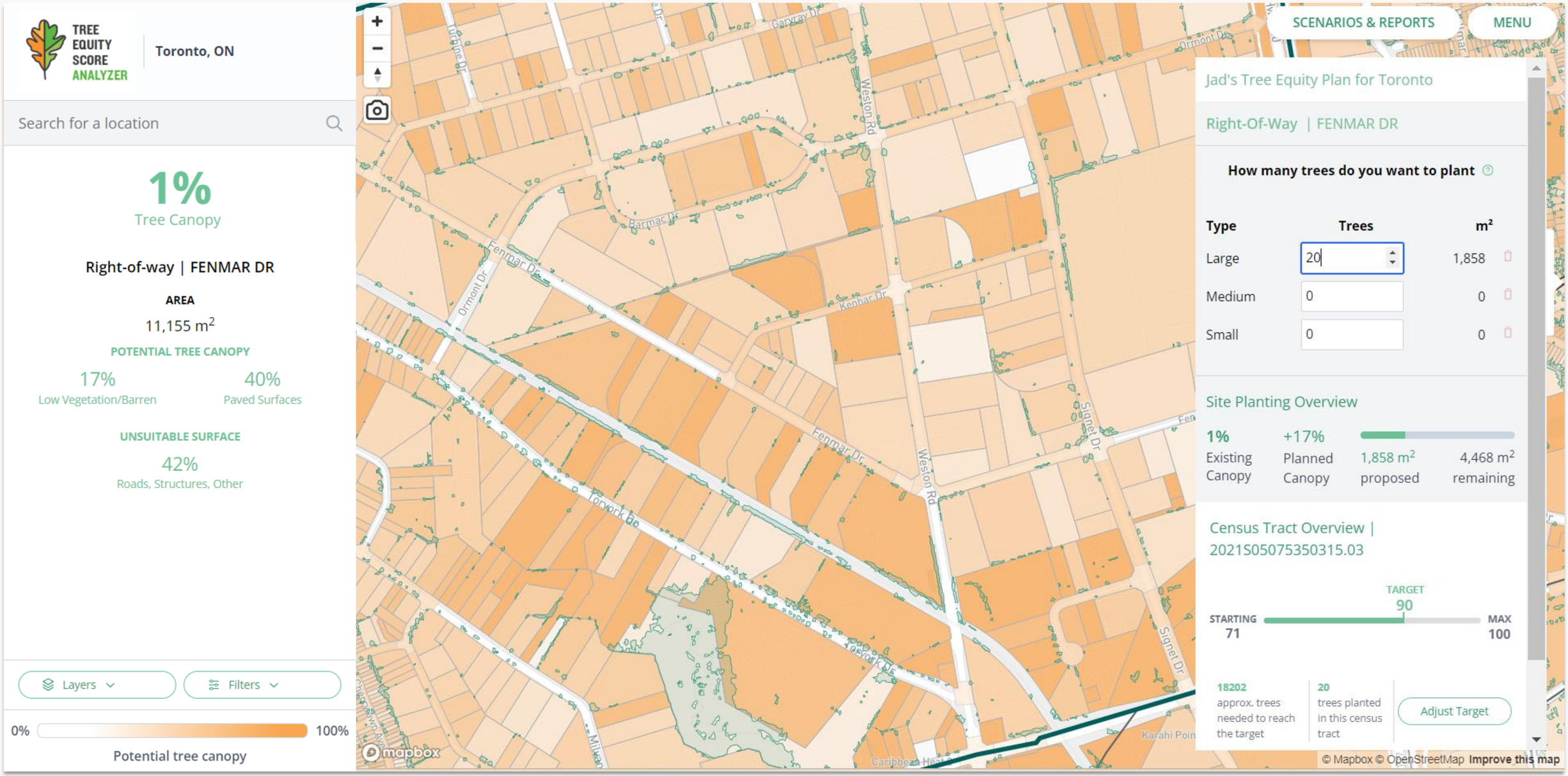
Ozone removed
1.7
tonnes

Nitrogen dioxide removed
1.3
tonnes

Sulfur dioxide removed
490.1
kgs

Sources: 2018 Toronto Canopy Study, American Forests.


TREE EQUITY SCORE ANALYZER
Toronto, ON
Search for a location
1%
Tree Canopy
Right-of-way | FENMAR DR
AREA
11,155 m2
POTENTIAL TREE CANOPY
17%
Low Vegetation/Barren
40%
Paved Surfaces
UNSUITABLE SURFACE
42%
Roads, Structures, Other
Layers
Filters
0%
100%
Potential tree canopy
SCENARIOS & REPORTS
MENU
Jad's Tree Equity Plan for Toronto
Census Tract #2021S05075350315.03
Project Planting Overview
18,202
Trees Targeted
1 Census Tracts
0 Parcels
0 Rights-of-way
VIEW PROJECT IMPACT REPORT
Fenmar Dr
Weston Rd
Ormont Dr
Kenhar Dr
Parmac Dr
Torwork Dr
Signet Dr
Hwy 400
Norfinch Dr
Karahi Point
mapbox
© Mapbox © OpenStreetMap Improve this map


TREE EQUITY SCORE ANALYZER
Toronto, ON
Search for a location
1%
Tree Canopy
Right-of-way | FENMAR DR
AREA
11,155 m²
POTENTIAL TREE CANOPY
17%
Low Vegetation/Barren
40%
Paved Surfaces
UNSUITABLE SURFACE
42%
Roads, Structures, Other
Layers
Filters
0%
100%
Potential tree canopy
SCENARIOS & REPORTS
MENU
Jad's Tree Equity Plan for Toronto
Right-Of-Way | FENMAR DR
How many trees do you want to plant
Type
Trees
m²
Large
20
1,858
Medium
0
0
Small
0
0
Site Planting Overview
1%
Existing Canopy
+17%
Planned Canopy
1,858 m² proposed
4,468 m² remaining
Census Tract Overview | 2021S05075350315.03
TARGET
90
STARTING
71
MAX
100
18202
approx. trees needed to reach the target
20
trees planted in this census tract
Adjust Target
Fenmar Dr
Ormont Dr
Barmac Dr
Kenbar Dr
Weston Rd
Signet Dr
Torwork Dr
Garyray Dr
Milvan
Karahi Point
Caribbean Heat
mapbox
© Mapbox © OpenStreetMap Improve this map

Census Tracts | **Parcels & Rights-of-Way** | Existing Site Canopy

Total annual estimated benefits of the **20 trees** you proposed in parcels and rights-of-way.

Annual Ecosystem Service Value

$565.47

CARBON

Carbon sequestered
0.4
tonnes

Carbon sequestered equal to:
0
gas-powered cars offset

Carbon sequestered equal to:
0
homes' energy use offset

WATER

Stormwater runoff prevented
22,000
litres

Stormwater runoff equal to:
109
rain barrels

AIR

Pm2.5 pollution removed
0.3
kgs

Pm2.5 pollution equal to:
2
gas-powered cars offset

Ozone removed
6.2
kgs

Nitrogen dioxide removed
2.5
kgs

Sulfur dioxide removed
0.9
kgs

Sources: 2018 Toronto Canopy Study, American Forests.

Scenario Details

Census Tract #2021S05075350315.03

Target Tree Equity Score
90

Target Trees
18,202

71 Starting Tree Equity Score

4% Existing canopy

83% Impervious cover

Site Planting Summary

Trees proposed on parcels and rights-of-way

71 **Improved Score**

+0% Canopy proposed

- **0** Small trees
- **0** Medium trees
- **20** Large trees

Census Tract Demographics

5,562 **Total residents**

- **77%** People of color
- **13%** People with incomes below 200% of the poverty line
- **18%** Unemployed
- **19%** Senior (65+)
- **15%** Children (0-17)

Right-Of-Way | FENMAR DR

Area: **11,154 m²**

- **1%** Existing tree canopy
- **57%** Potential tree canopy
  - **17%** Grass, shrubs, or bare
  - **40%** Paved
- **42%** Unsuitable for tree planting (roads, structures, other)

Site Plan

+17% Canopy proposed

- **0** Small trees
- **0** Medium trees
- **20** Large trees

Site Characteristics

School	no
Library	no

Make a Tree Equity Commitment & Action Plan

Phoenix Tree Equity Action Plan:

- Commits to Tree Equity by 2030
- Establishes new Urban Forester position
- Commits millions in City funds
- Integrates Trees with City's "Heat Ready" Response Strategy
- Coordinates implementation with Phoenix Metro Urban Forest Roundtable partners

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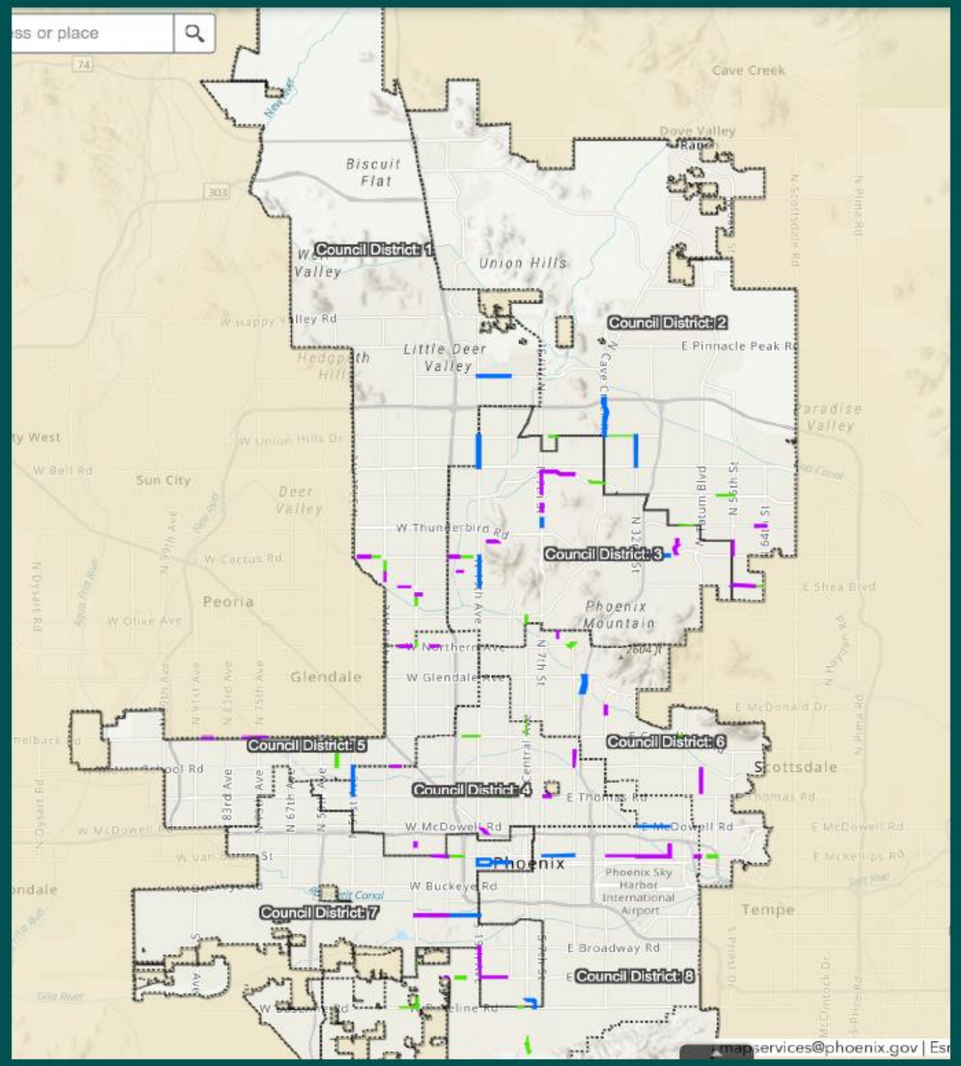
Tree Equity Action Plans Set Strategy—Like Cool Corridors



Protect What You've Got with Strong Tree Policies

HOW DO SOME CITIES ALREADY PRESERVE OR INCREASE THEIR URBAN TREE CANOPY?

Tree Ordinances

- Heritage Tree programs
- Urban Forest Master Plan
- Municipal planting & maintenance
- Outsourcing tree work to corporations
- *Public Right of Way* responsibilities
- What happens without one?

Financial Incentives

- Free trees for private property
- Low-cost trees based on equity
- Rewards for developers
- Mandatory "Tree Save Area"
- What are some potential problems?

Conflict Prevention/Resolution

- Official street tree guide
- Mandatory arborist oversight for construction
- Sidewalk repair guide
- What happens when cities do not plan for conflicts?

3

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Climate & Health-Smart Tree Selection

USDA Forest Service
U.S. DEPARTMENT OF AGRICULTURE

Northern Research Station | General Technical Report NRS-203 | July 2021

CLIMATE ADAPTATION ACTIONS FOR URBAN FORESTS AND HUMAN HEALTH

Table 5.—Tree species list developed to aid Rhode Island community forestry practitioners in selecting trees to reduce climate change vulnerability, reduce carbon dioxide in the atmosphere, and provide benefits to human health. It is meant to be a complement to other tree selection resources. Other factors may also need to be considered, such as aesthetics, local site conditions, wildlife value, or nursery availability. Some species may have climate and health benefits but may not be suitable for planting for other reasons, such as having invasive potential or susceptibility to pests or pathogens.

Scientific name	Common name	Climate vulnerability	Carbon benefit	Health benefit	Health disservices	Notes
Abies balsamea	Balsam fir	moderate-high	moderate	moderate-high	moderate	
Acer campestre	Hedge maple	low	low	low	moderate	can be invasive
Acer ginnala	Amur maple	moderate-high	low-moderate	moderate-high	moderate	can be invasive
Acer griseum	Paperbark maple	moderate	low	low-moderate	moderate-high	
Acer negundo	Boxelder	moderate-high	moderate	moderate	moderate	can be invasive
Acer rubrum	Red maple	moderate	high	high	moderate-high	
Acer saccharinum	Silver maple	moderate	moderate	moderate-high	moderate-high	
Acer saccharum	Sugar maple	low-moderate	moderate-high	high	moderate-high	
Acer tartaricum	Tatarian maple	moderate-high	n/a	n/a	moderate	
Acer truncatum	Shantung maple	low-moderate	low	low	moderate-high	
Acer x freemanii	Freeman maple	low-moderate	n/a	n/a	moderate	
Aesculus hippocastanum	Horse chestnut	low-moderate	moderate-high	high	low	can be invasive

Expanding Nurseries to Get Right Trees for Less $

American Forests™

Roots of Rock

- Extract genetics of pest resistant specimen
- Grow new trees in nurseries & vacant land
- Harvest urban wood for products

Rigorous and Scaled Tree Planting

And Tree Care, from Maintenance to Restoration

Tips for Summer Watering

BALTIMORE TREE TRUST

Proper tree watering encourages healthy growth & safeguards trees from stressful summer temperatures. Here are ways you can help!

Watering in the morning or evening is best to limit evaporation.

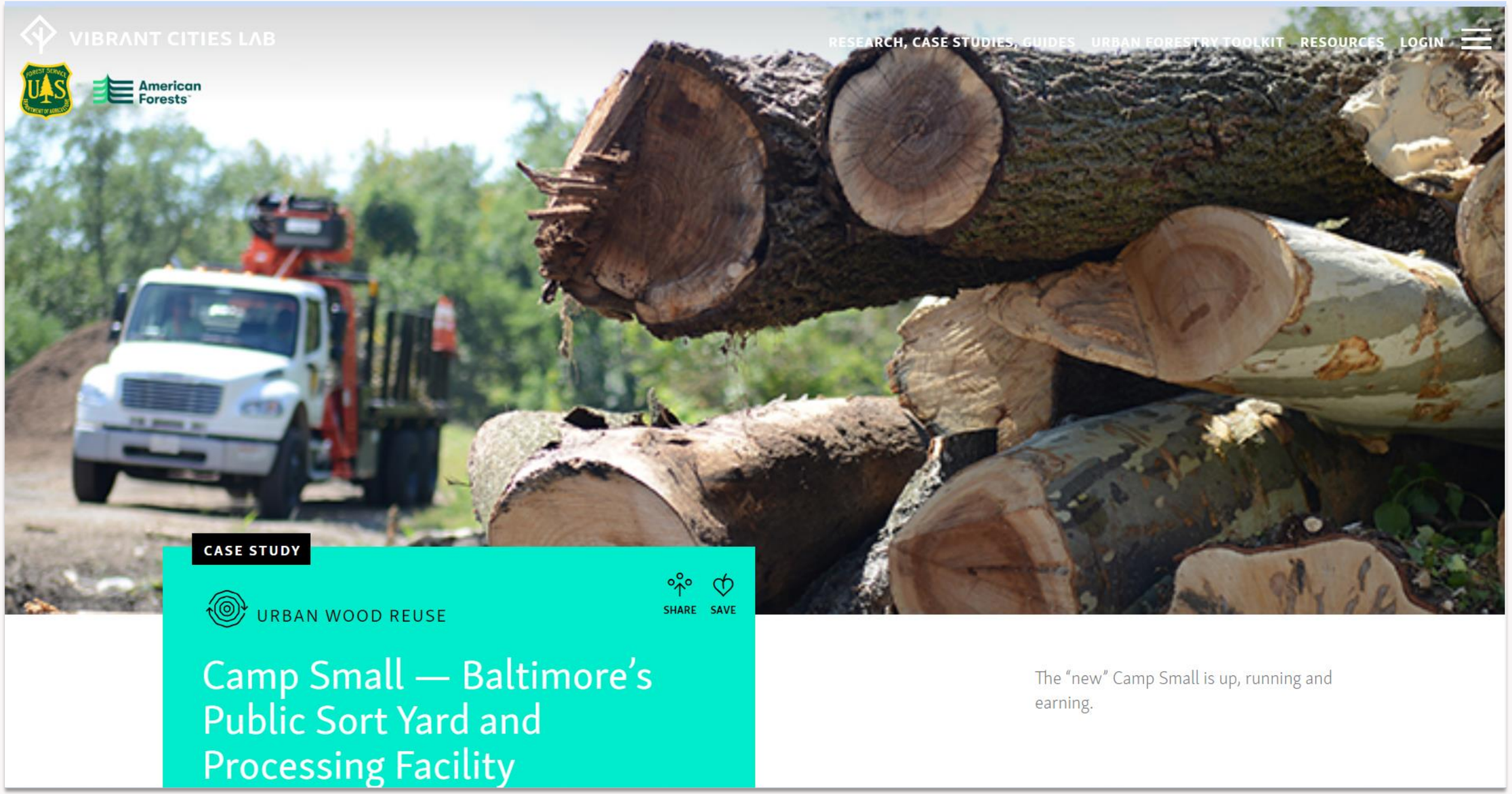
Water slowly to allow for maximum infiltration & absorption.

Concentrate water directly around the base of the tree trunk.

Slow and deep watering is better than fast and infrequent.

20 gallons of water per week is ideal for young trees to survive hot summer months.

Closing the Loop with Urban Wood Use



Taking The Tree Equity Movement to Scale

We Can Turn Tree Equity into Economic Opportunity

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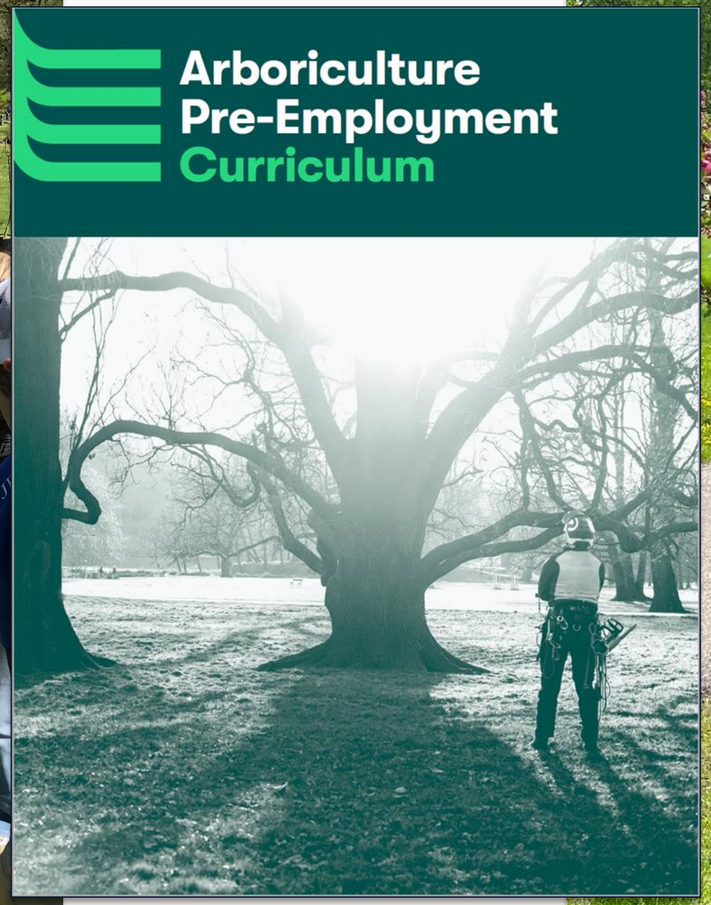
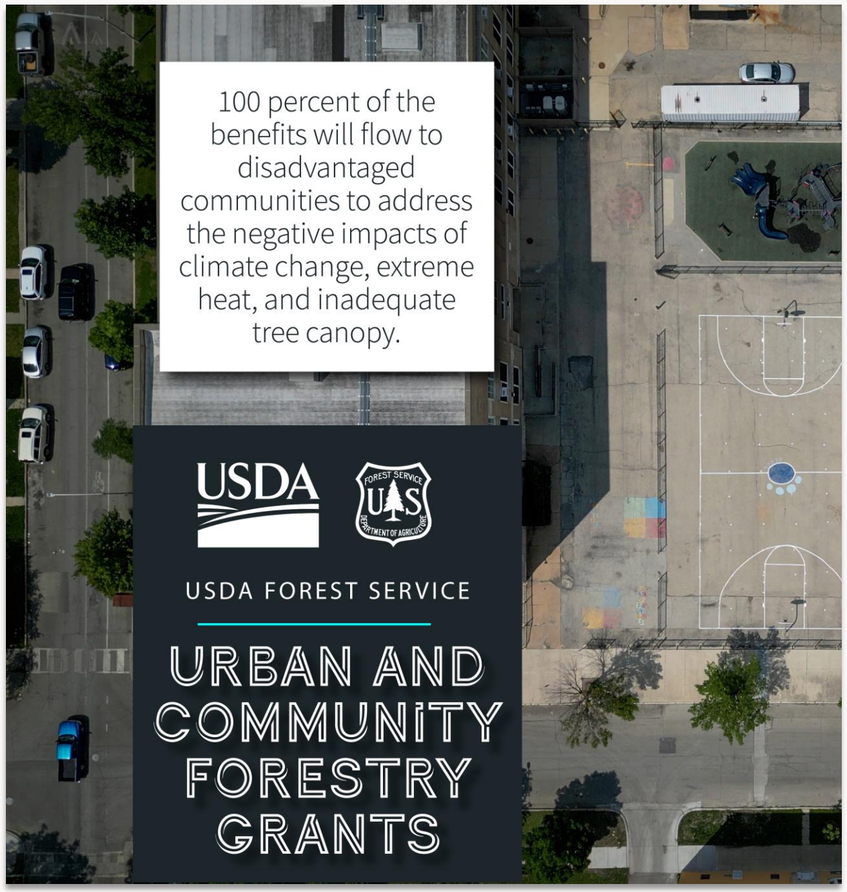
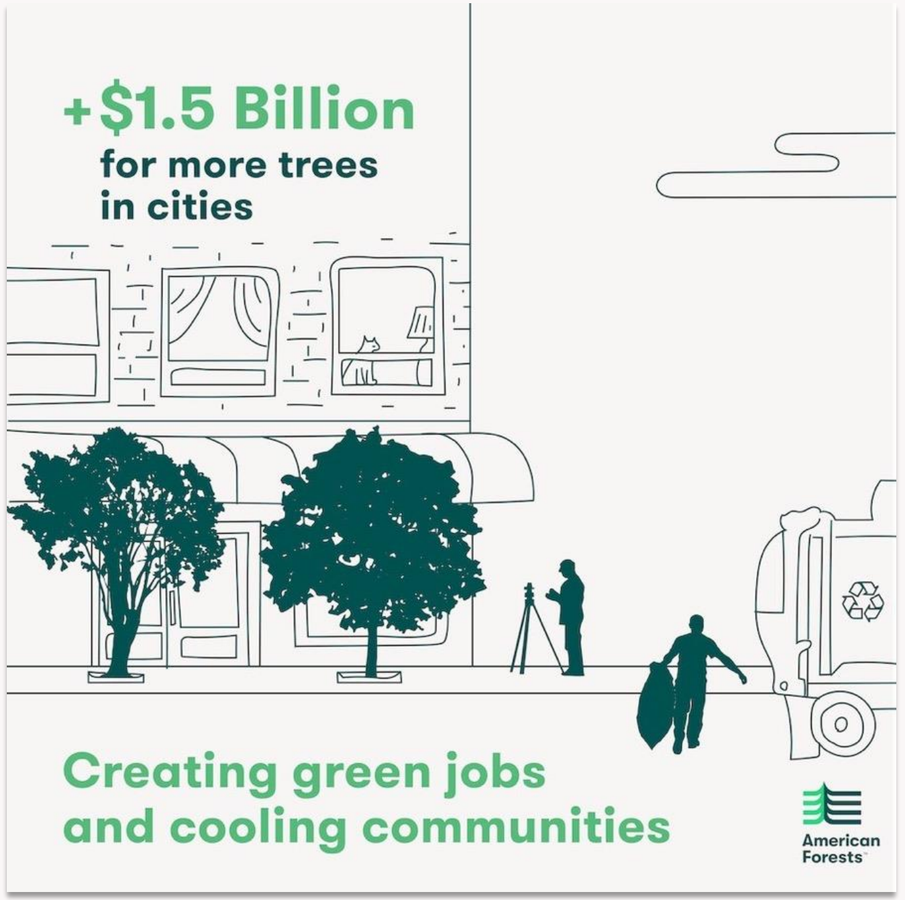
Targeting the People in Greatest Need



We Must Scale Public Sector Funding in All Nations

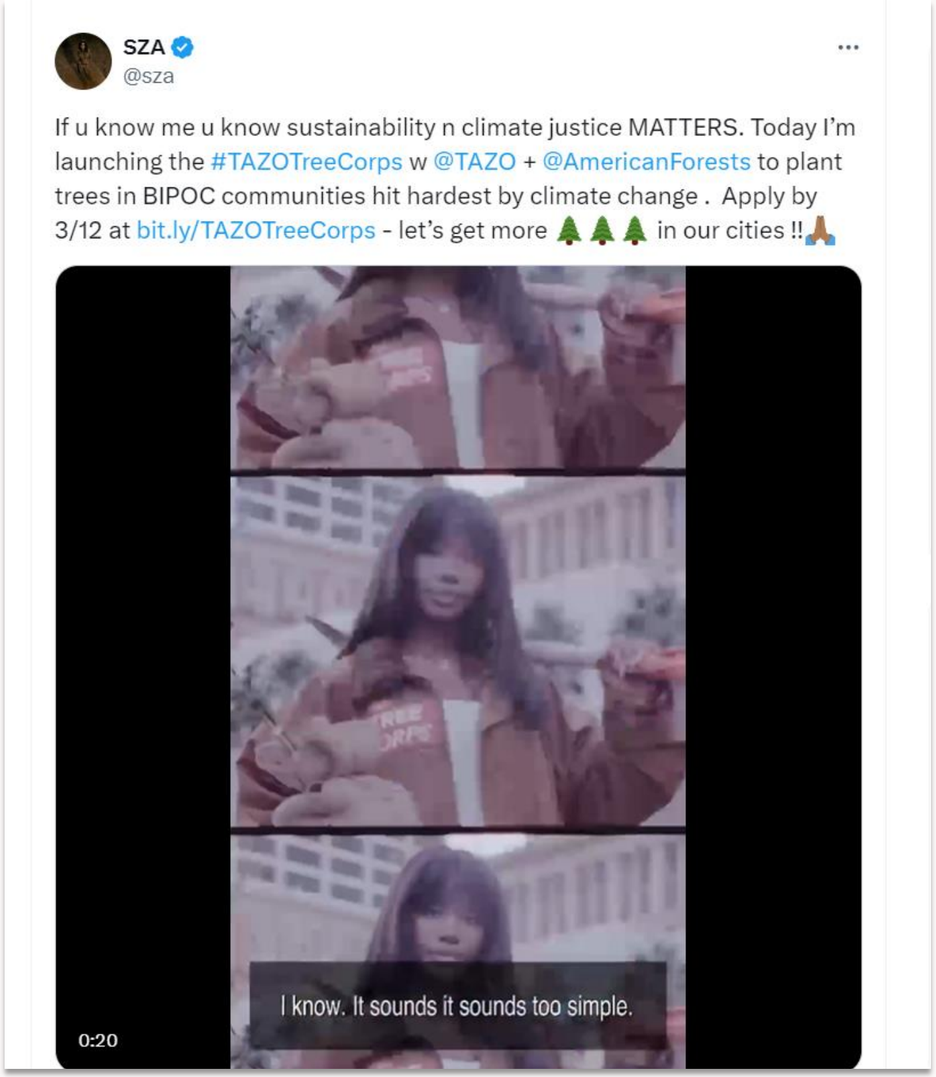




Private Funding Can Do More than Pay for Tree Planting

We Can Form New Partnerships across Sectors

And Speak with a Louder Voice



Let's Do Tree Equity Together, Canada!

- **Tree Equity Score Canada?**
- **Share Online Resources?**
  - VibrantCitiesLab.org
- **Cross-Border Coaching & Consulting?**
  - Joint US-Canada Tree Equity Peer-to-Peer Collaborative?
  - Tree Equity Score technical assistance
  - Career Pathways coaching
- **Canada-US "Sister City" efforts?**
- **Let's speak together for Tree Equity in global policy and the media**
  - 1t.org Canada and U.S. collaboration
  - Global Cooling Pledge

Thank You!

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