Session 2.5

The Fundamentals of Caring: Developing urban forests and green spaces accessible to all regardless of gender, age, physical ability, etc.

Chair: Erica Svedsen

World Forum on Urban Forests

2nd World Forum on Urban Forests

Washington DC, 2023

Urban Nurseries Grown by the People of our City!

Presented by

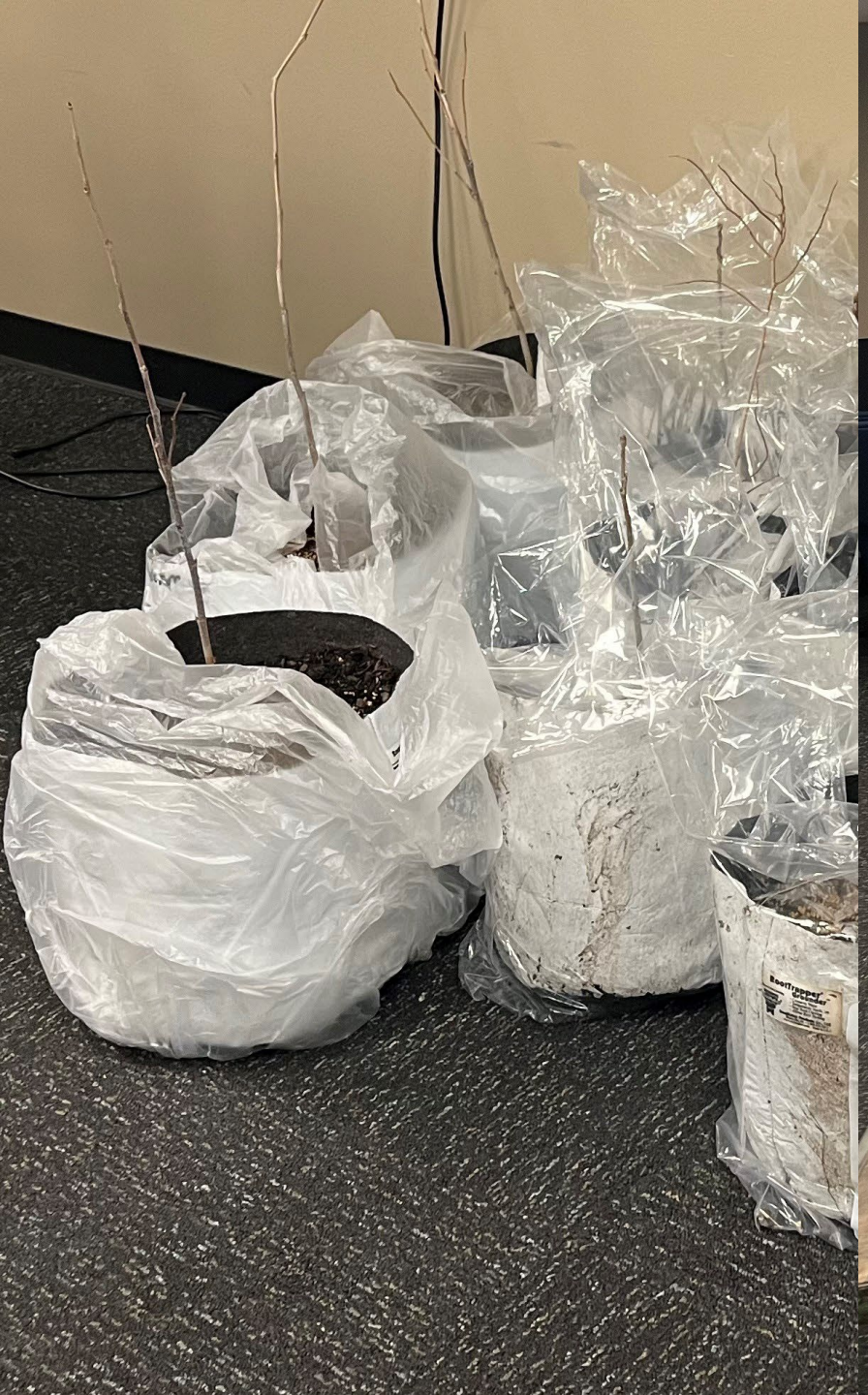
Shane McQuillan

City Forester

Des Moines, Iowa, USA

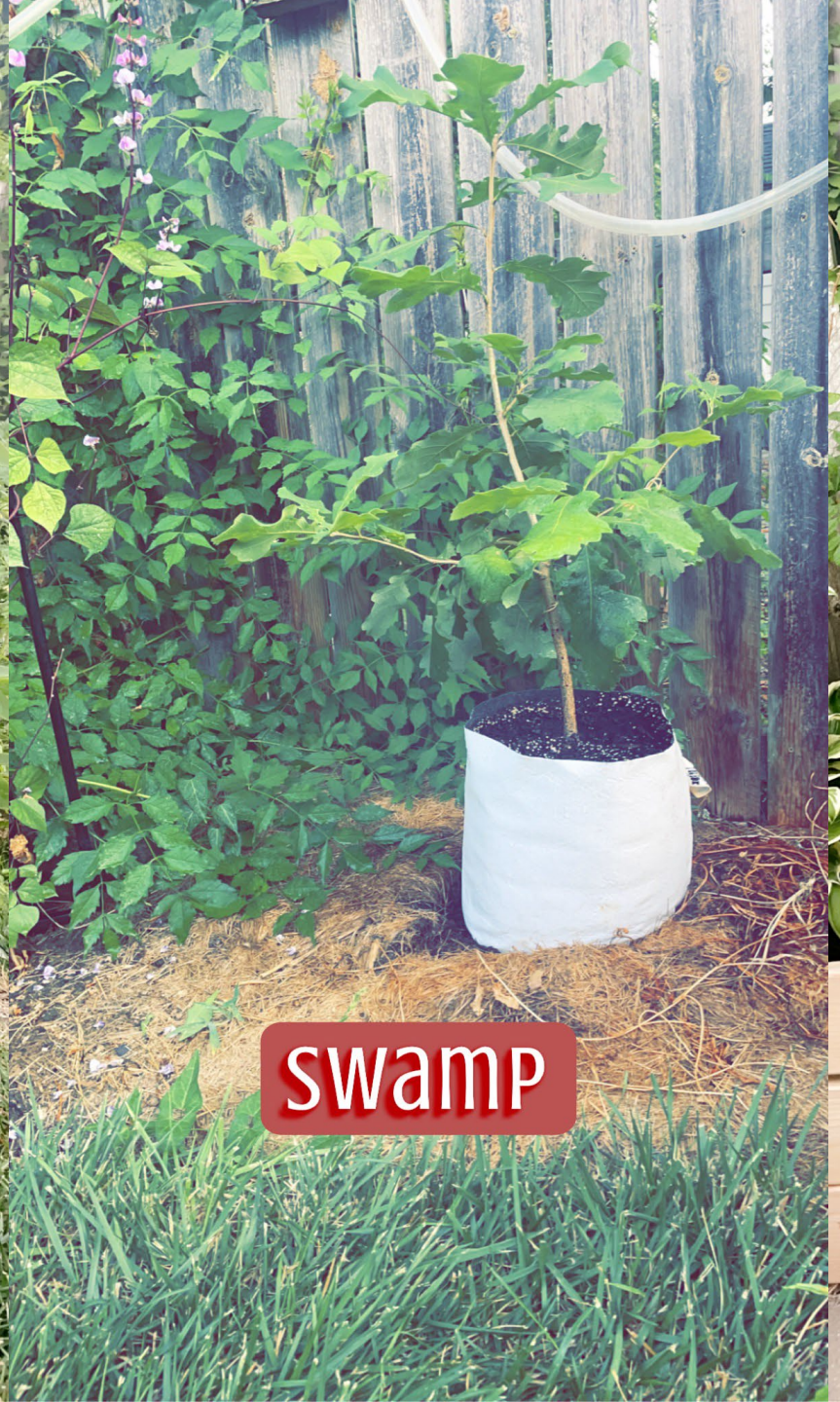
Tiny Trees Giveaway – 40,000 seedlings given away

A lot of citizens have run out of room…
Can I grow some trees for you?

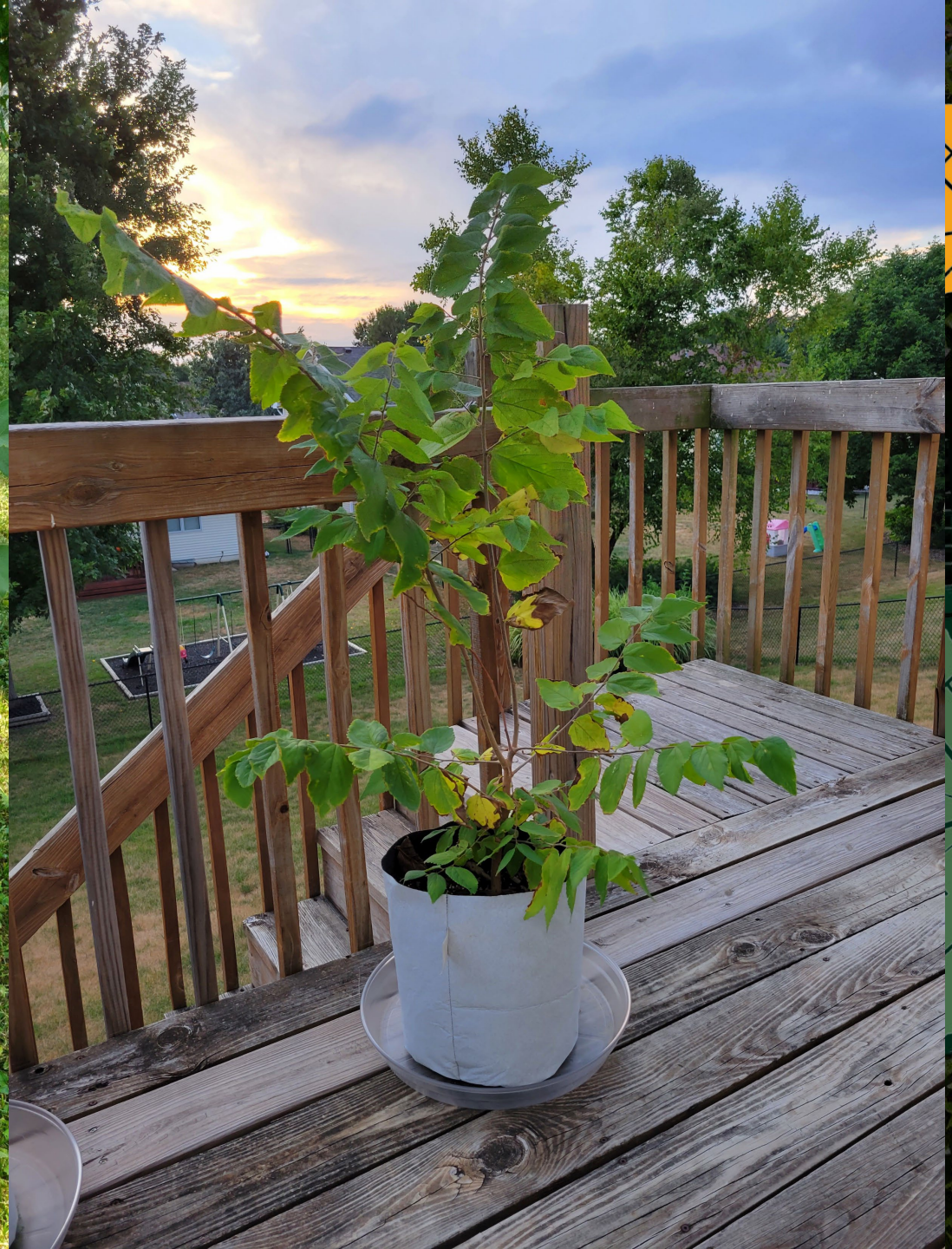


BLACK GUM

hackberry


swamp

Bur oak

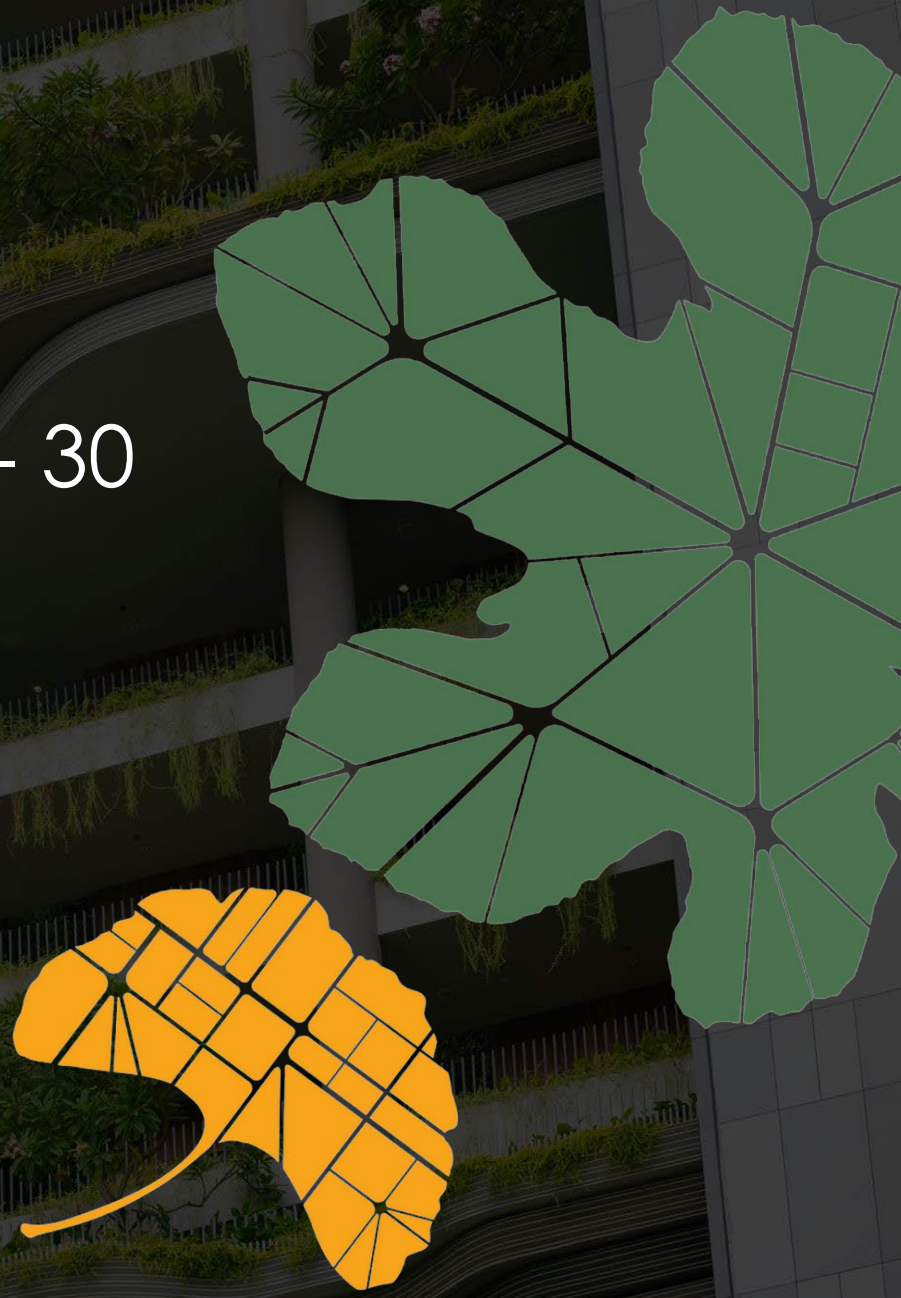


Cost?

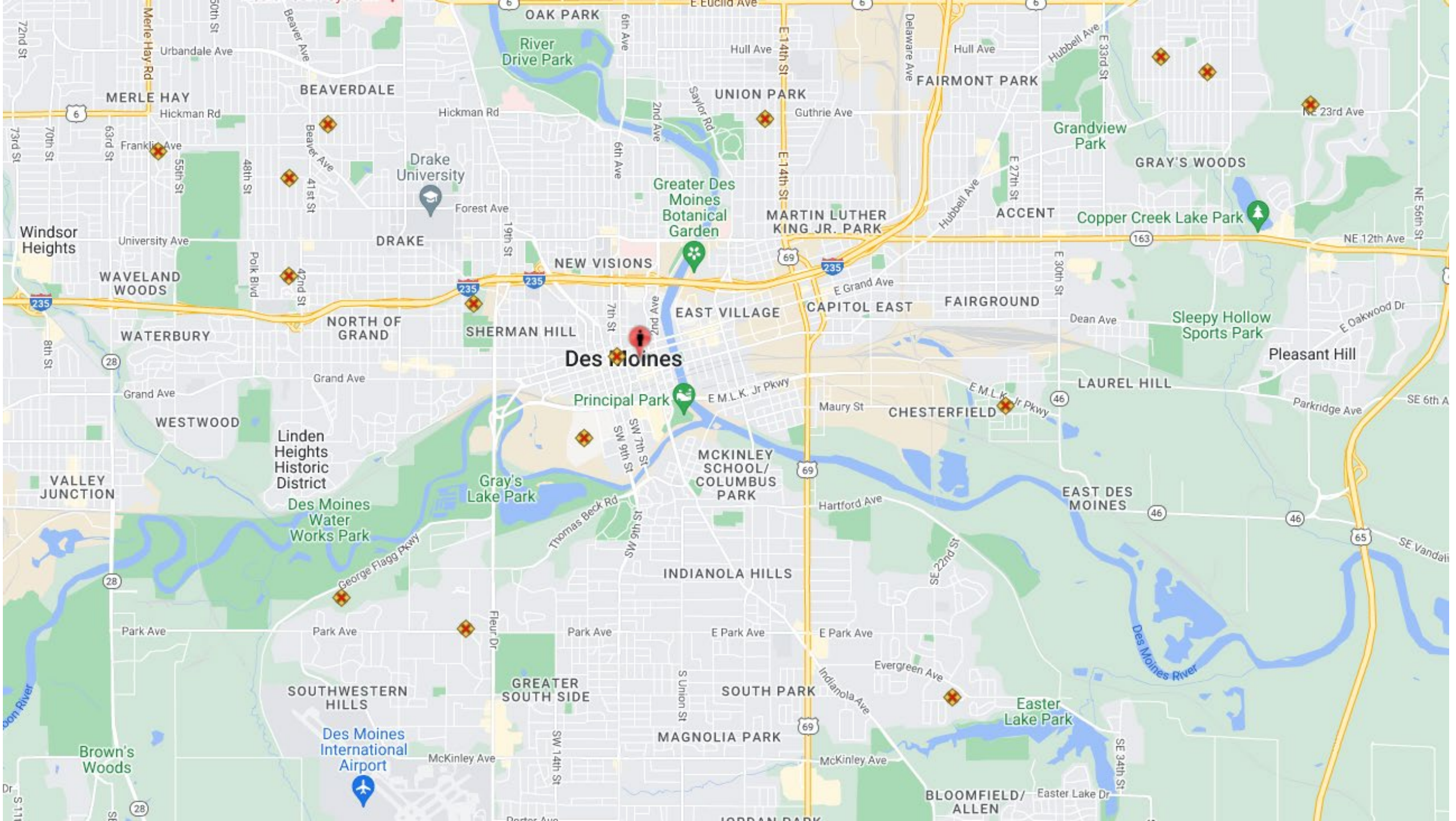
Urban Nursery tree purchased ~ $20 - 30

Tree protection to plant ~ $5

Citizen engagement ~ $$$$$



How to record the data?


Des Moines
OAK PARK
River Drive Park
BEAVERDALE
MERLE HAY
UNION PARK
FAIRMONT PARK
Grandview Park
GRAY'S WOODS
Drake University
DRAKE
Greater Des Moines Botanical Garden
MARTIN LUTHER KING JR. PARK
ACCENT
Copper Creek Lake Park
Windsor Heights
WAVELAND WOODS
NEW VISIONS
NORTH OF GRAND
WATERBURY
SHERMAN HILL
EAST VILLAGE
CAPITOL EAST
FAIRGROUND
Sleepy Hollow Sports Park
Pleasant Hill
LAUREL HILL
CHESTERFIELD
Principal Park
WESTWOOD
Linden Heights Historic District
VALLEY JUNCTION
Des Moines Water Works Park
Gray's Lake Park
MCKINLEY SCHOOL/ COLUMBUS PARK
EAST DES MOINES
INDIANOLA HILLS
SOUTHWESTERN HILLS
GREATER SOUTH SIDE
SOUTH PARK
MAGNOLIA PARK
Easter Lake Park
Des Moines International Airport
Brown's Woods
BLOOMFIELD/ ALLEN
Des Moines River
E Euclid Ave
Hull Ave
Hickman Rd
Guthrie Ave
Urbandale Ave
Franklin Ave
Forest Ave
University Ave
Grand Ave
E Grand Ave
Dean Ave
Maury St
Hartford Ave
Park Ave
E Park Ave
Evergreen Ave
McKinley Ave
Easter Lake Dr
E Oakwood Dr
Parkridge Ave
NE 12th Ave
NE 23rd Ave
NE 56th St
SE 6th A
SE Vandali
E M.L.K. Jr Pkwy
Thomas Beck Rd
George Flagg Pkwy
Merle Hay Rd
Beaver Ave
6th Ave
2nd Ave
Saylor Rd
E 14th St
Delaware Ave
Hubbell Ave
E 33rd St
E 27th St
E 30th St
19th St
Polk Blvd
42nd St
41st St
48th St
55th St
63rd St
70th St
73rd St
72nd St
50th St
7th St
8th St
SW 7th St
SW 9th St
SW 9th St
SW 14th St
S Union St
Fleur Dr
SE 22nd St
Indianola Ave
SE 34th St
235
69
6
28
46
65
163

No Plant at 725 SE 26th Ct

1 Work Record

Show Work Records by Status

☑ Requested ☑ Scheduled ☑ Completed

Add Work

Work Type
Tree Planting
Work Scheduled
09/01/2024

Work Record

Project **Urban Nursery Program**	Work Orders
Work Type **Tree Planting**	Priority **Default**
Work Species **NO PLANT (NO PLANT)**	DBH **0**
Condition **N/A**	Status **Scheduled**
Requested Date **07/19/2023**	Scheduled Date **09/01/2024**
Completed Date	Work Crew **Volunteer**
Time **0 Hours 0 Minutes**	Cost **$0.00**
Last Changed By **Dan Just**	Last Changed Date **07/31/2023**

Work Comments

Filter comments by tags...

☐ Show Inactive

Sorted By: Oldest to Newest

Dan Just (July, 31 2023 12:06:56)

5 Trees:
Red Oak, Pecan, Basswood, Black Gum, and Ironwood

Create on-line sign up

Drop off trees to residents

Provide care and maintenance tips

Pick up trees for planting

Repeat!

Citizen engagement
Vested interest in what happens to the tree
Value added to the tree

Thank you

Shane McQuillan | City of Des Moines, IA, USA

sdmcquillan@ dmgov.org

2nd World Forum on Urban Forests

2023

World Forum on Urban Forests

2nd World Forum on Urban Forests
Washington DC, 2023

The Future of Sustainable, Equitable Forest Cities

Presented by

Dr. Lauren Marshall
Sr. Manager, Program Innovation
Arbor Day Foundation
LMarshall@arborday.org

Arbor Day Foundation

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Washington DC, 2023

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FIVE MOVEMENTS

People

Co-designing our greenspaces with people to ensure benefits for all

Landscapes

Growing a network of forested landscapes to connect people to nature

Systems

that value benefits of trees and deliver economic support to the people who need it most

Technology

supporting management for healthy, equitably distributed forests

Construction

Embracing wood construction like mass timber

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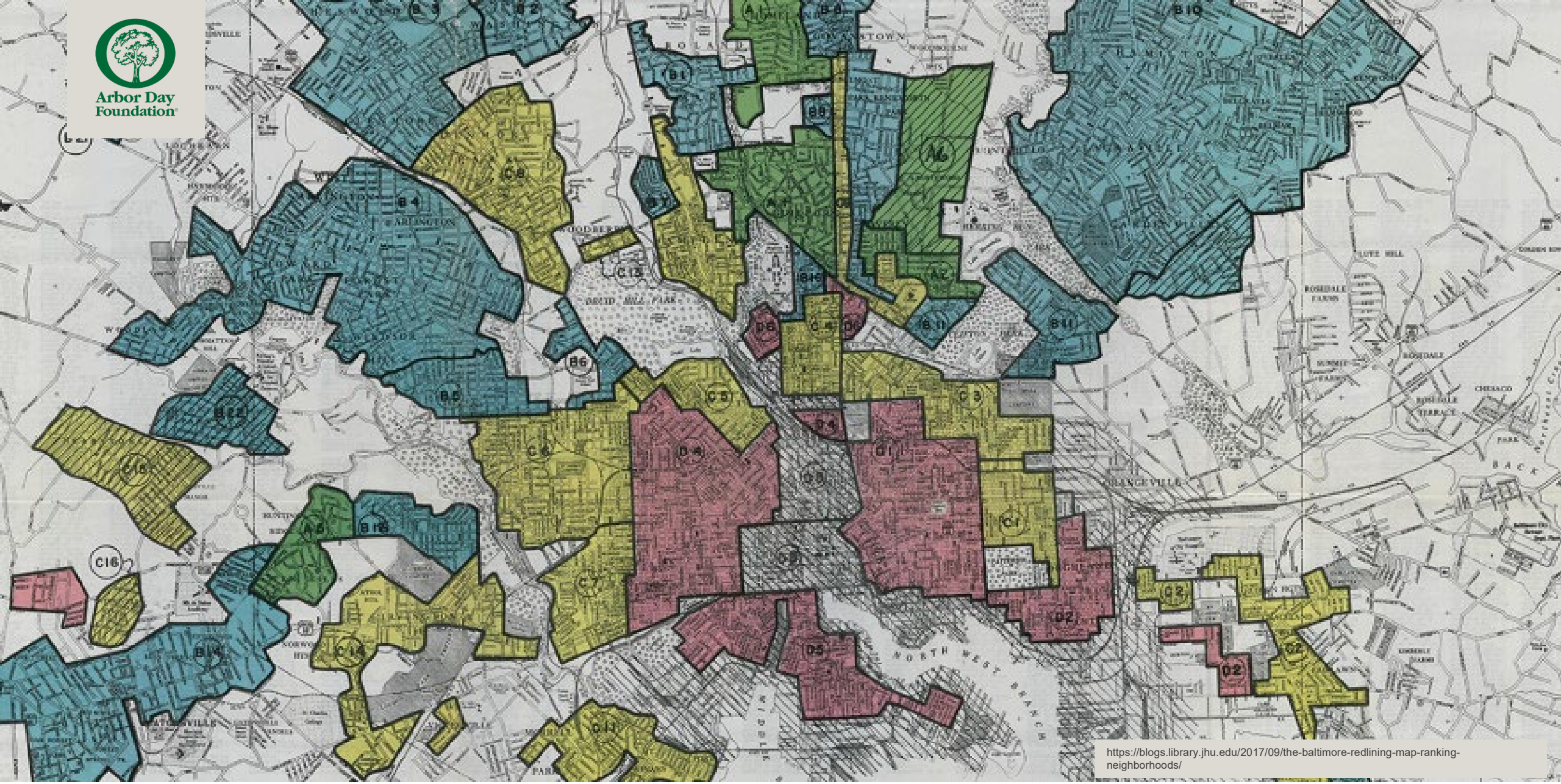
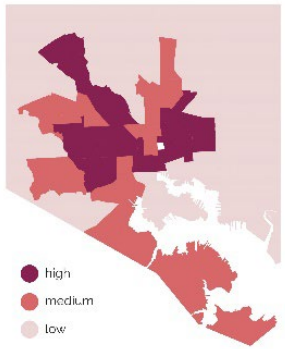


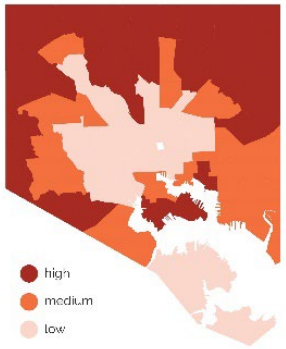
https://blogs.library.jhu.edu/2017/09/the-baltimore-redlining-map-ranking-neighborhoods/

ECONOMIC FACTORS
IMPACTING BALTIMORE'S NEIGHBORHOODS

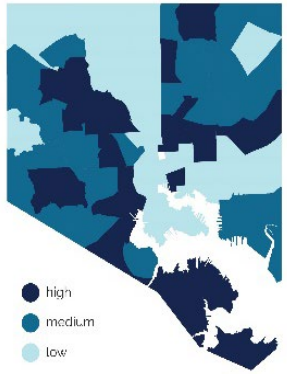
Vacancy Rate



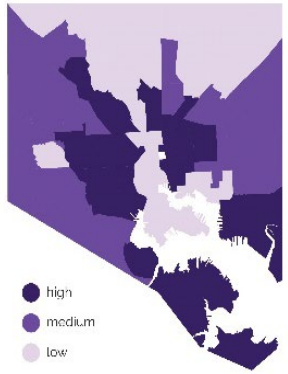
Owner-Occupied Housing Units



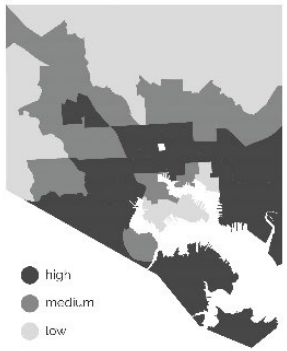
Unemployment Rate



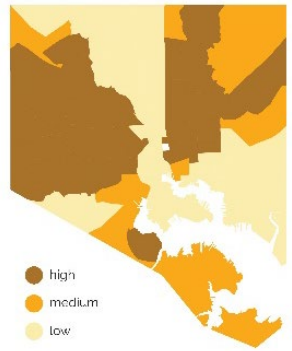
Households Under Poverty Line



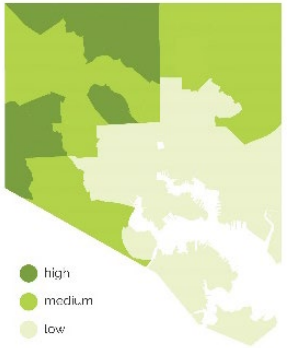
Crime Rate per 1000 Residents



Percent African American Population



Percent Area Covered By Trees



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CREDIT:

Arbor Day Foundation

$1.5 BILLION

ENVIRONMENTAL JUSTICE COMMUNITY REVITALIZATION RECOMMENDATIONS

1. Support placement of EPA staff in local redevelopment projects
2. Cultivate meaningful engagement/ involvement opportunities for all stakeholders
3. Make a concerted effort for public outreach around complex cleanup projects
4. Work to address cumulative impacts of environmental problems in Environmental Justice communities
5. Carry out displacement impact assessments before and after
6. Encourage state, Federal and Tribal governments to find creative ways to participate in local land use planning.

[1] (National Environmental Justice Advisory Council, 2006) [2] (Israel et al., 1998, pp. 178-180) [3] (Costanza-Chock, 2020)

PUBLIC HEALTH COMMUNITY-BASED RESEARCH PRINCIPLES

1. Recognize community as a unit of identity
2. Build on strengths and resources within the community
3. Facilitate collaborative partnerships in all phases of the research
4. Integrate knowledge and action for mutual benefit of all partners
5. Promote a co-learning and empowering process that attends to social inequalities
6. Involve a cyclical and iterative process
7. Address health from both positive and ecological perspectives
8. Disseminate findings and knowledge gained to all partners

[1] (National Environmental Justice Advisory Council, 2006) [2] (Israel et al., 1998, pp. 178-180) [3] (Costanza-Chock, 2020)

TECHNOLOGY DEVELOPMENT DESIGN JUSTICE PRINCIPLES

1. Sustain, heal & empower
2. Center the voices of those directly impacted
3. Prioritize designs impact on community
4. View change as emergent from accountable, accessible, and collaborative processes
5. Designer as facilitator, not expert
6. Everyone is an expert based on own lived experiences
7. Share design knowledge & tools
8. Work toward sustainable, community led and controlled outcomes
9. Work towards non-exploitative solutions that reconnect us to the earth and each other
10. Look for what is already working

[1] (National Environmental Justice Advisory Council, 2006) [2] (Israel et al., 1998, pp. 178-180) [3] (Costanza-Chock, 2020)

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TREE CITIES OF THE WORLD
A programme of:
Food and Agriculture Organization of the United Nations
Arbor Day Foundation
TREE CITY USA
An Arbor Day Foundation Program
TREE CAMPUS HEALTHCARE
An Arbor Day Foundation Program
TREE CAMPUS K-12
An Arbor Day Foundation Program
Alliance For Community Trees
An Arbor Day Foundation Program
TREE CAMPUS HIGHER EDUCATION
An Arbor Day Foundation Program
OUR EXISTING NETWORK
Built with
NATIONAL ASSOCIATION OF STATE FORESTERS FOUNDED 1920
USDA
FOREST SERVICE
US
DEPARTMENT OF AGRICULTURE

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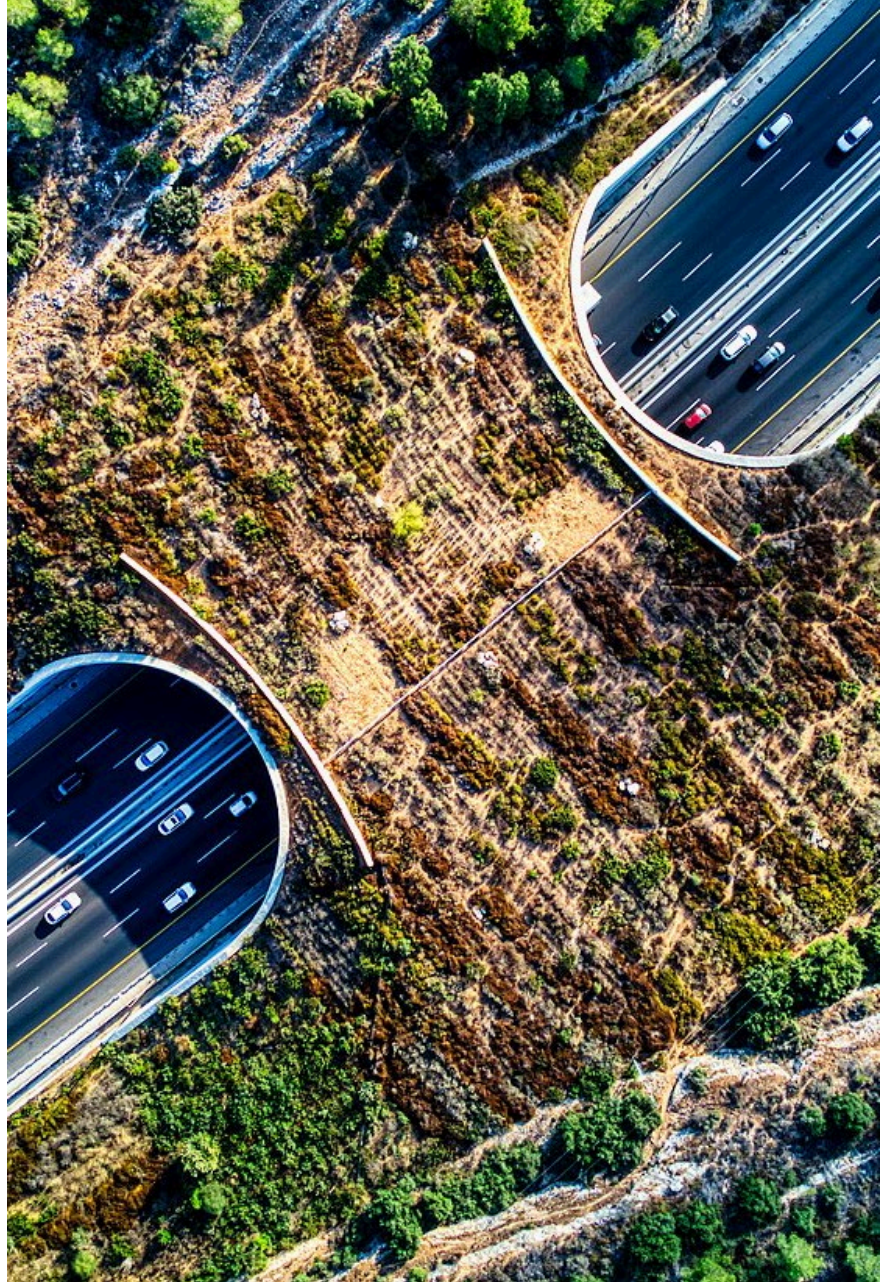

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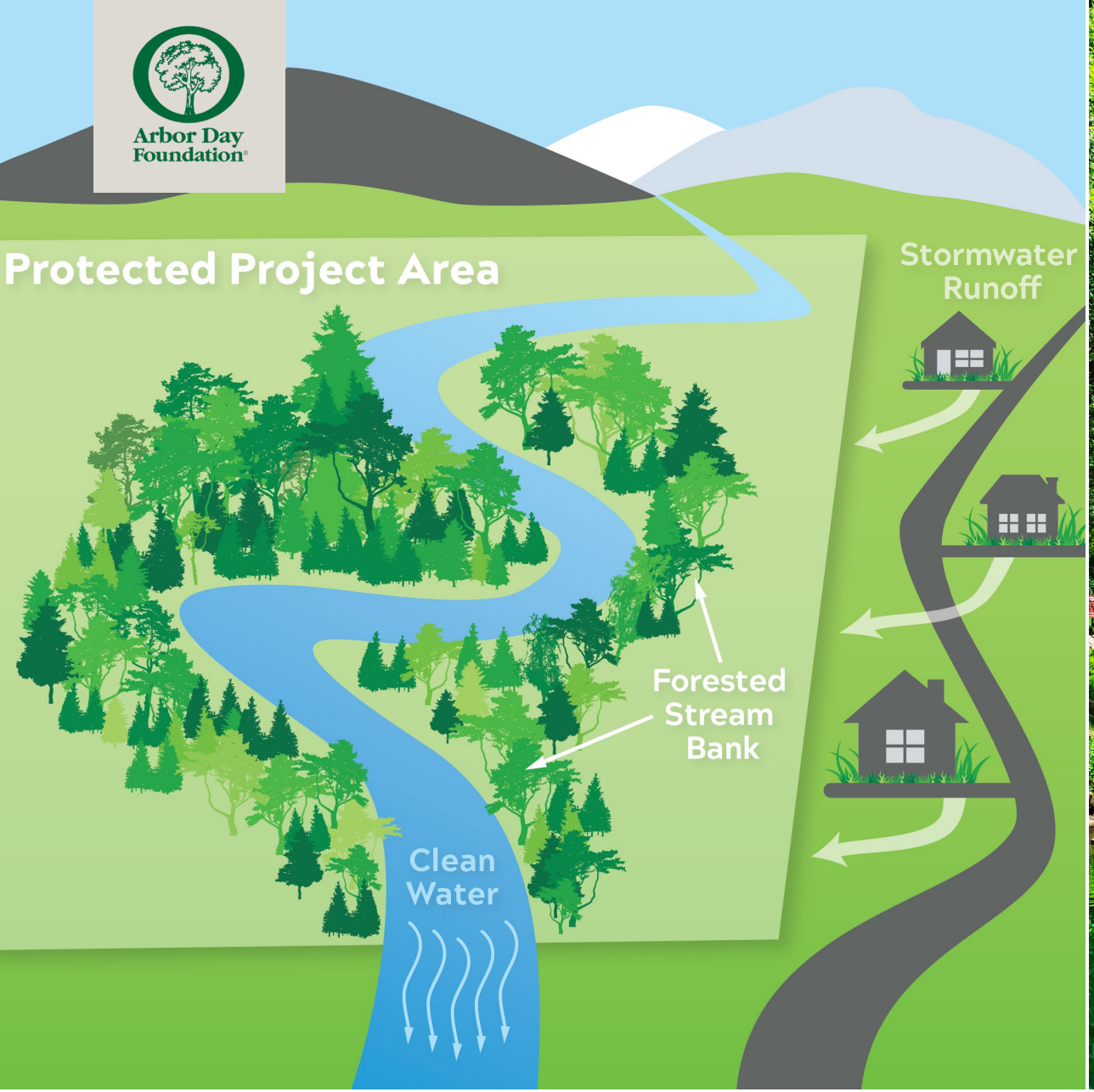
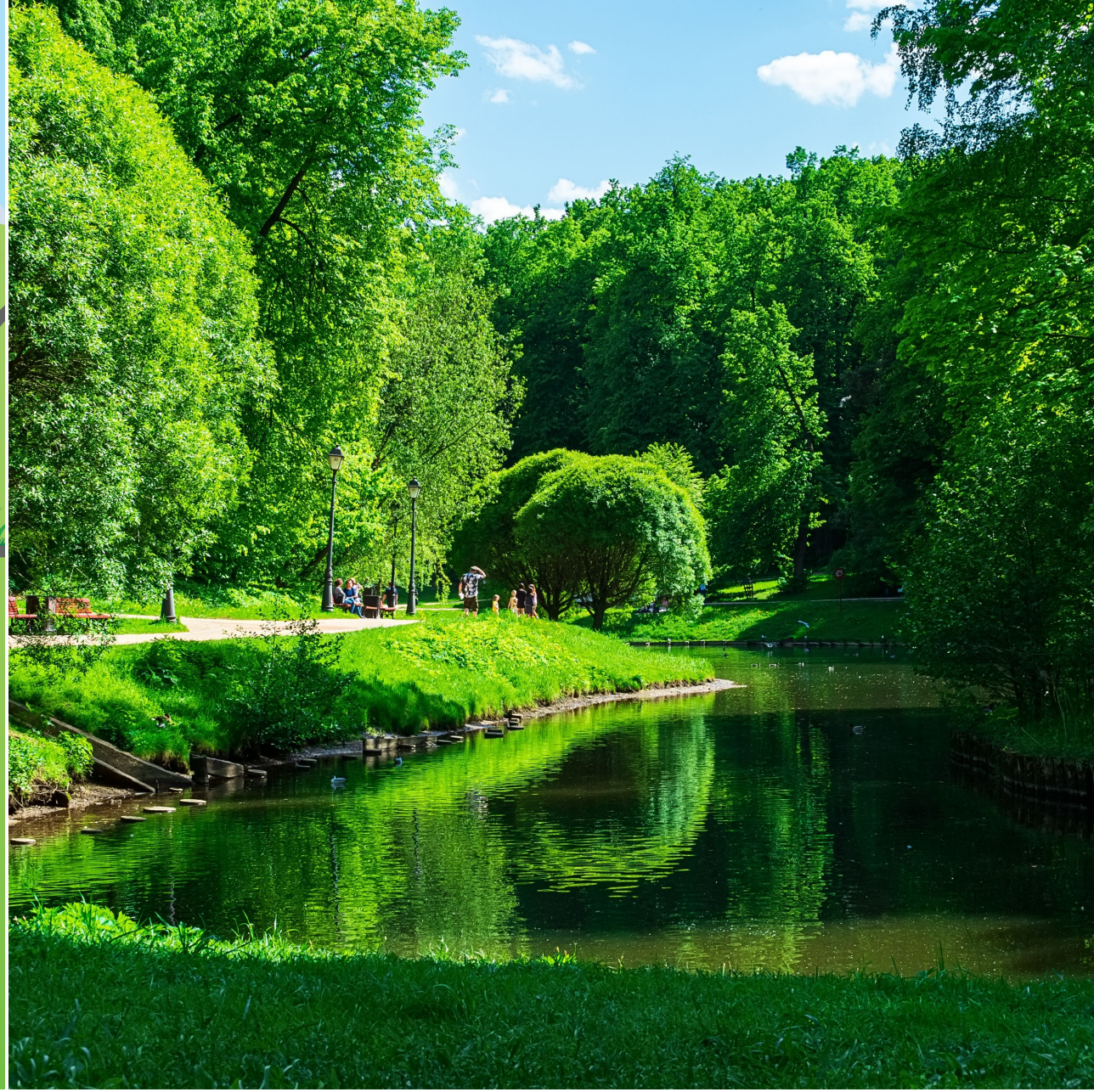

Arbor Day Foundation
Protected Project Area
Stormwater Runoff
Forested Stream Bank
Clean Water



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COMMUNITY TREES

A healthy, well-managed urban forest is important for communities around the world. If you care for the trees, they will provide substantial benefits for the municipality as well as the people who live there.

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Image from Dr. Morgan Grove

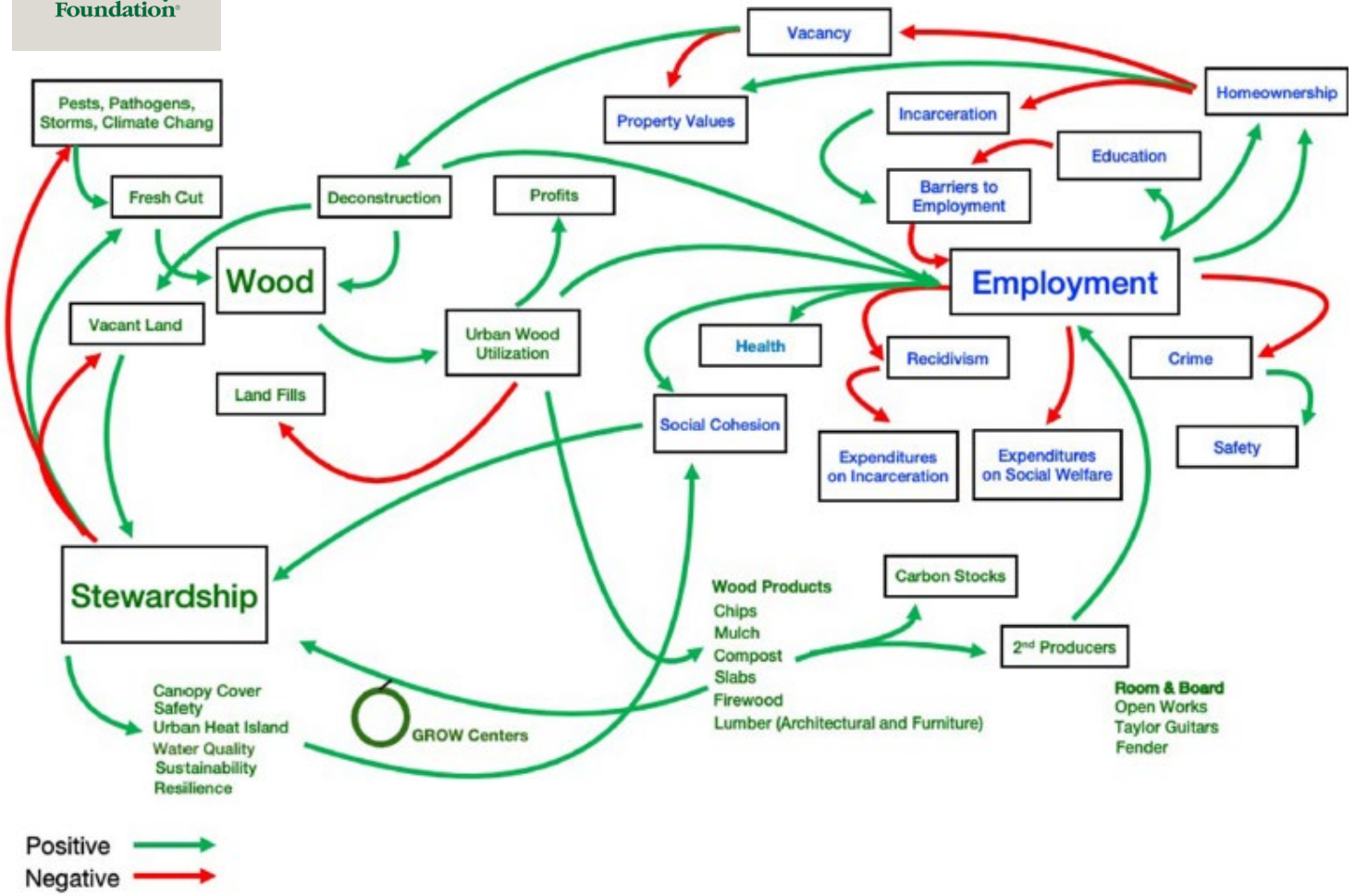

FIGURE 5
Baltimore urban wood systems diagram. A complex system, emerging from solving problems of Wood and Employment. Virtuous cycles are developed with both positive and negative feedbacks.

Reducing crime

Value from wood products

Increase in property values

Reduction in materials flowing to landfills

Employment/Job Training/Reducing recidivism

Image from Dr. Morgan Grove

Arbor Day Foundation

FROM WASTE ...

Wood is salvaged from building deconstruction and urban tree care operations, and taken out of the city's waste stream.

Collected wood is diverted from other waste facilities.

A local facility is dedicated to sorting and processing salvaged wood for its best use.

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... TO WEALTH

The wood is repurposed and resold locally, creating a closed loop system. Reclaimed and upcycled wood products are available for sustainable building, furniture, energy, and other uses.

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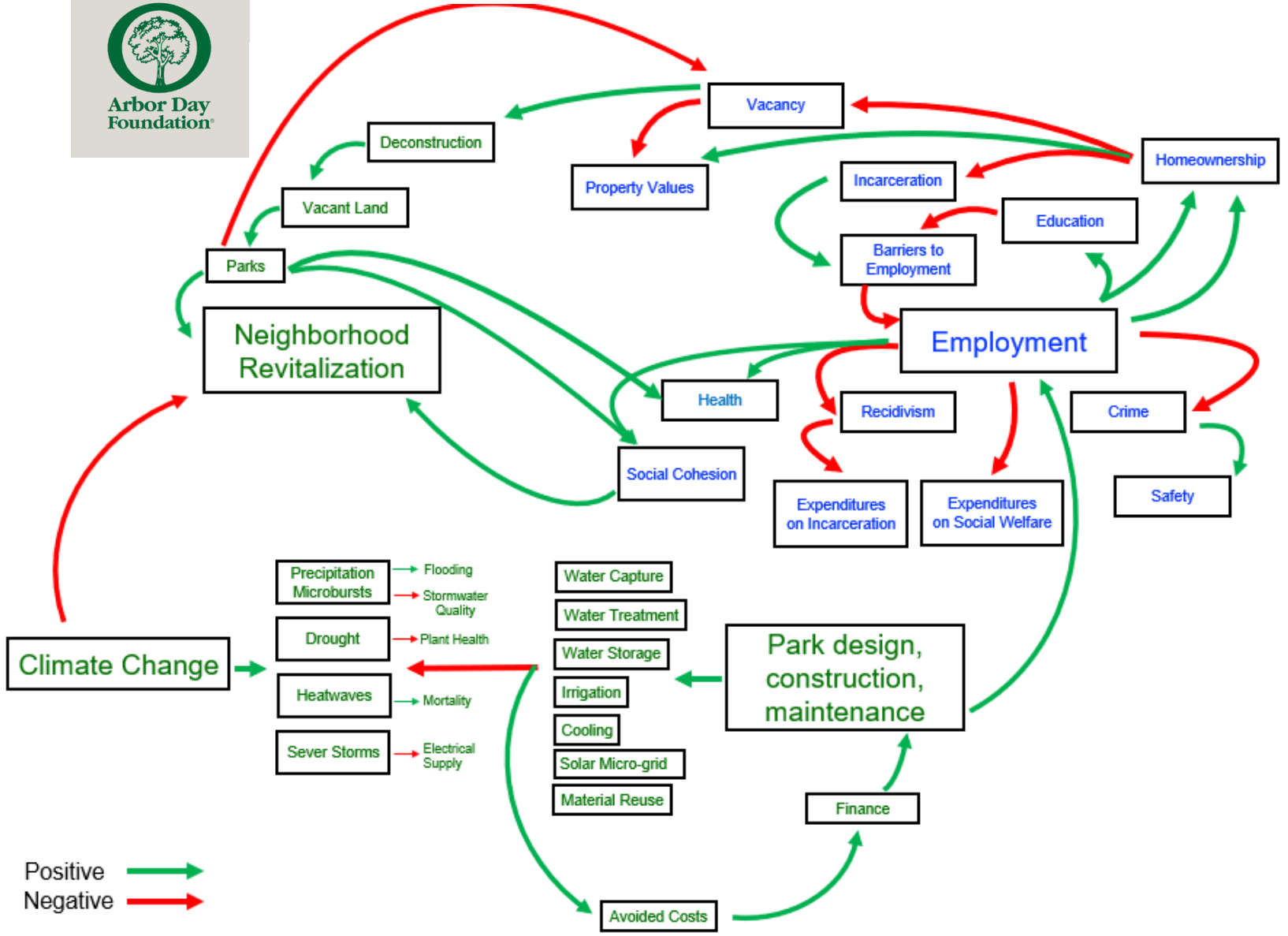
$16 MILLION INVESTMENT FROM CITY AND STATE
LEVERAGE OF MORE THAN 1:80

Image from Dr. Morgan Grove



Attract new, diverse funding streams

Image from Dr. Morgan Grove

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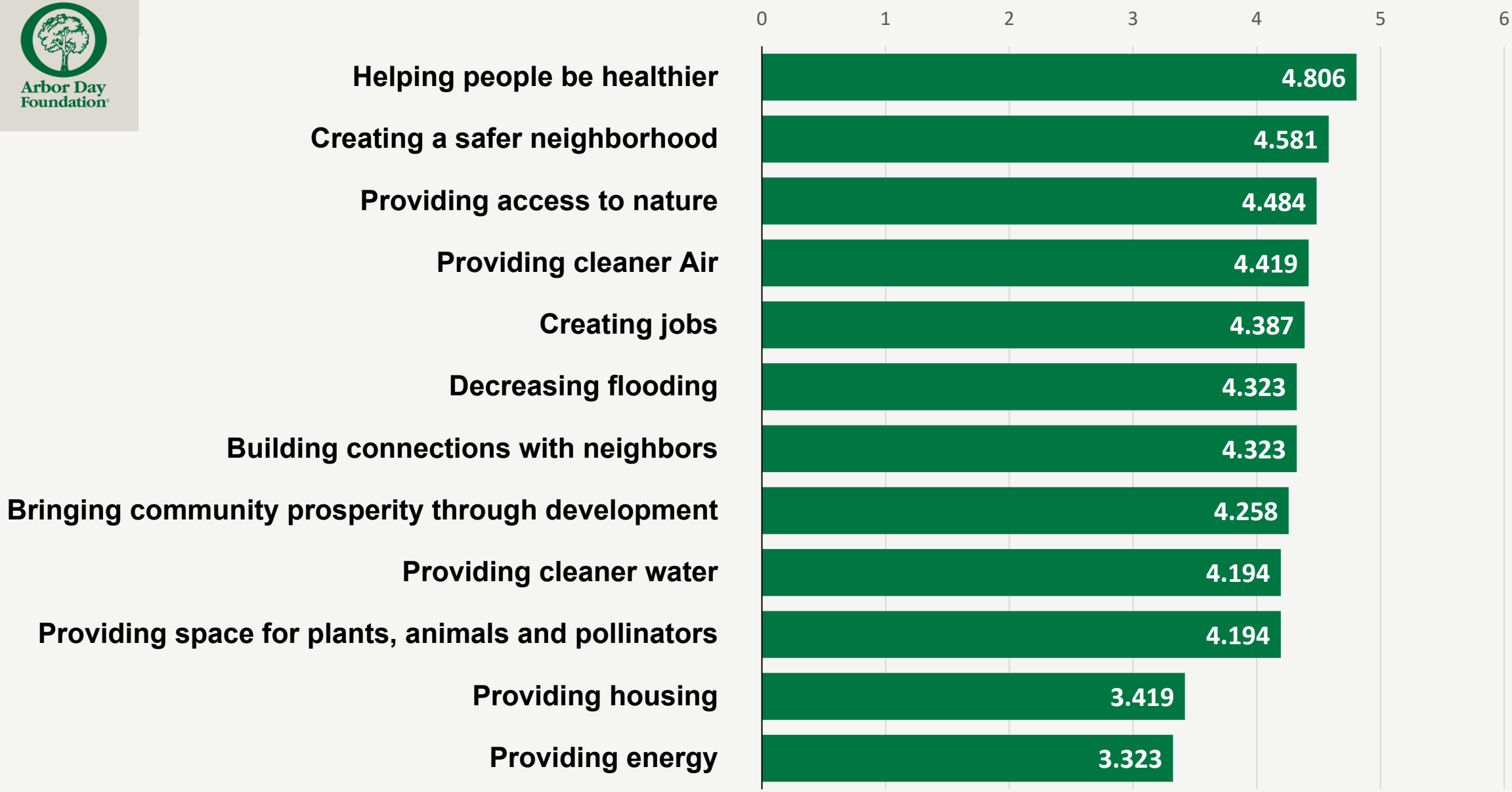
WHAT DO POTENTIAL FUNDER AND IMPLEMENTATION ORGANIZATIONS WANT FROM GREENSPACES?


0
1
2
3
4
5
6
Helping people be healthier
4.806
Creating a safer neighborhood
4.581
Providing access to nature
4.484
Providing cleaner Air
4.419
Creating jobs
4.387
Decreasing flooding
4.323
Building connections with neighbors
4.323
Bringing community prosperity through development
4.258
Providing cleaner water
4.194
Providing space for plants, animals and pollinators
4.194
Providing housing
3.419
Providing energy
3.323

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CISTERN
AMPIHITHEATER
DOG PARK
NATURE
PLAY SPACE
RAIN GARDENS
WITH BENCHES
RAIN GARDENS

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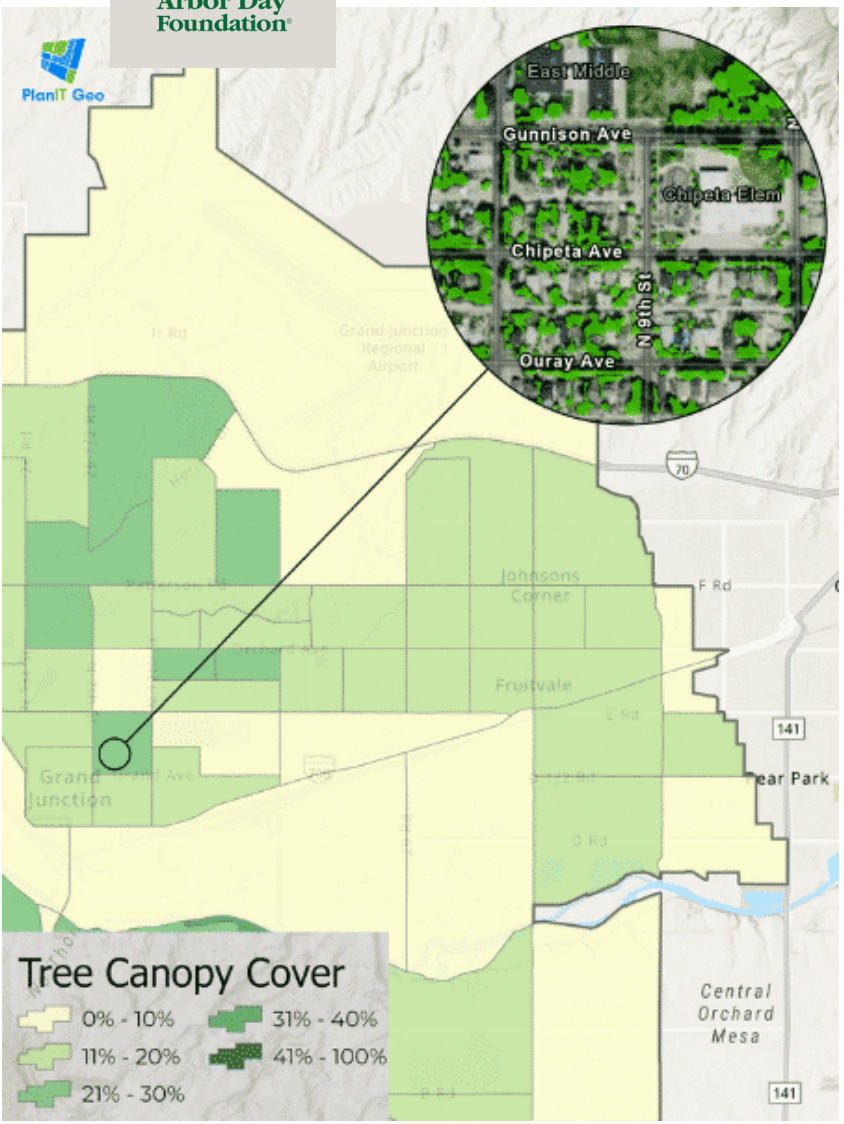

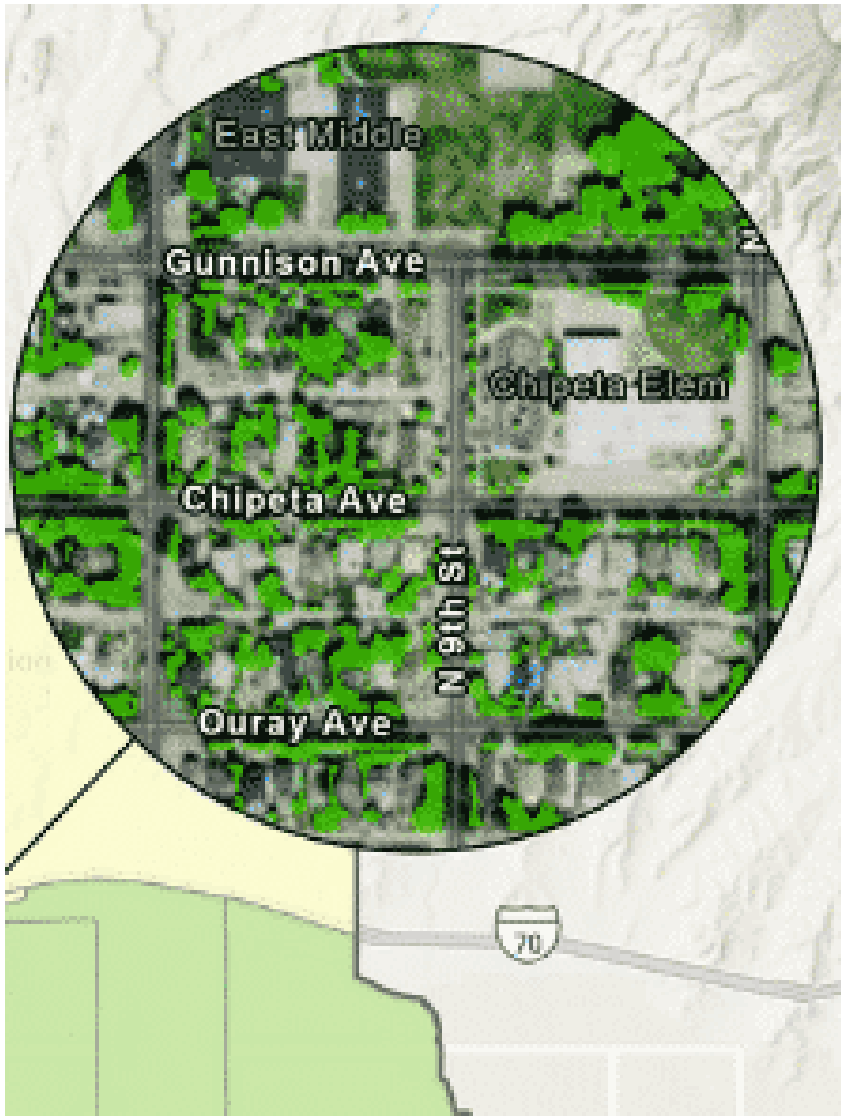

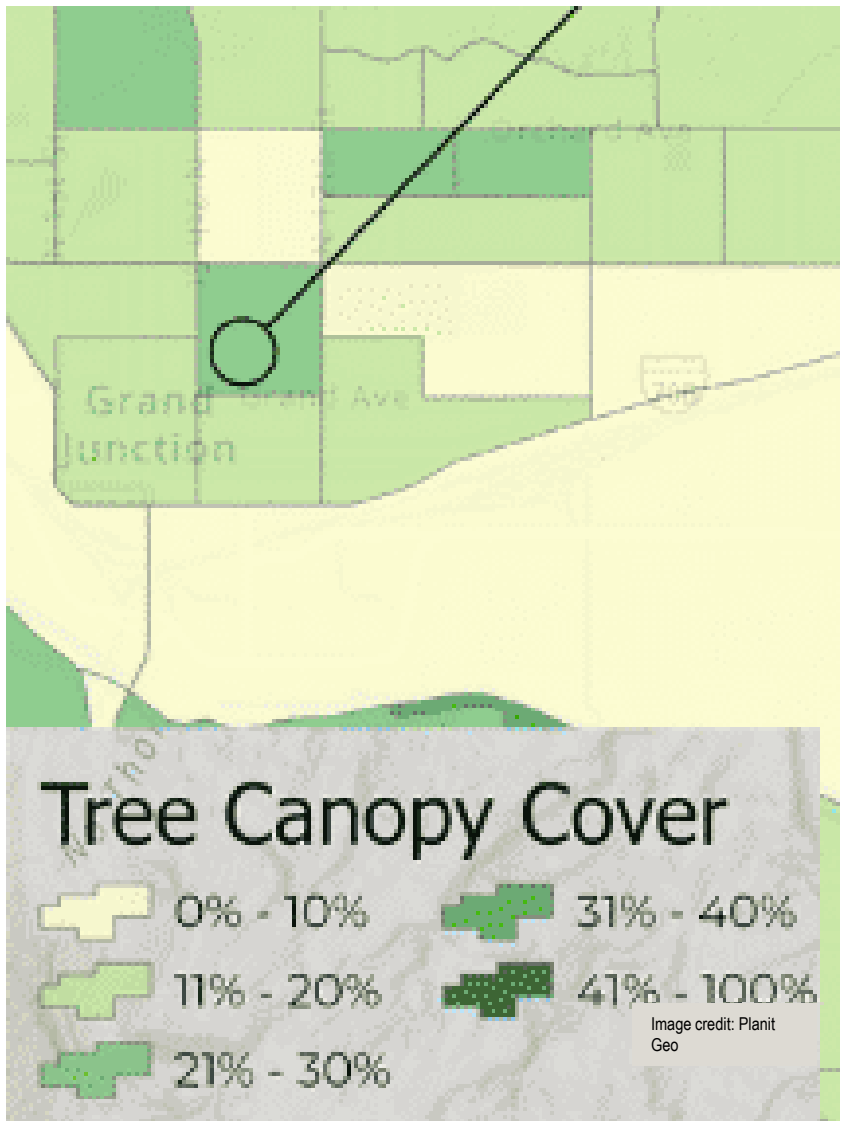

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CONSTRUCTION

Image credit:
Woodworks

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Image credit: Woodworks

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Thank you

Dr. Lauren Marshall | Arbor Day Foundation

LMarshall@arborday.org

Food and Agriculture Organization of the United Nations

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POLITECNICO MILANO 1863

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Smithsonian

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Washington DC, 2023

Equitable Climate Action:

Leveraging open-source tools to integrate forests and trees into local land-use planning

Presented by

Erin Glen

World Resources Institute

2nd World Forum on Urban Forests
Washington DC, 2023

LEARN

Land Emissions and Removals Navigator

ICLEI Local Governments for Sustainability USA

Woodwell Climate Research Center

WORLD RESOURCES INSTITUTE

BLUERASTER

Chesapeake Conservancy

IDEAS • CLIMATE CHANGE

Trees Are the Secret Weapon of America's Historic Climate Bill

TIME

Leading studies have found that nature-based climate solutions, from increasing carbon capture in agriculture soils to large scale reforestation, have potential to provide roughly one-third of needed carbon emissions reductions to stay under safe climate change thresholds.

Trees and forests are the key to natural carbon removal, whether on our city streets, farms, or in our national forests. An average tree in the U.S. will capture about 1,200 pounds of carbon dioxide over its lifetime. This adds up. Together trees and forests in the U.S. currently capture and store 17 percent of our nation's carbon dioxide emissions annually.

Tree Canopies Cool Neighborhoods. The Inflation Reduction Act Commits $1.5B to Plant Many More

BHOJI FUJITA/GETTY IMAGES

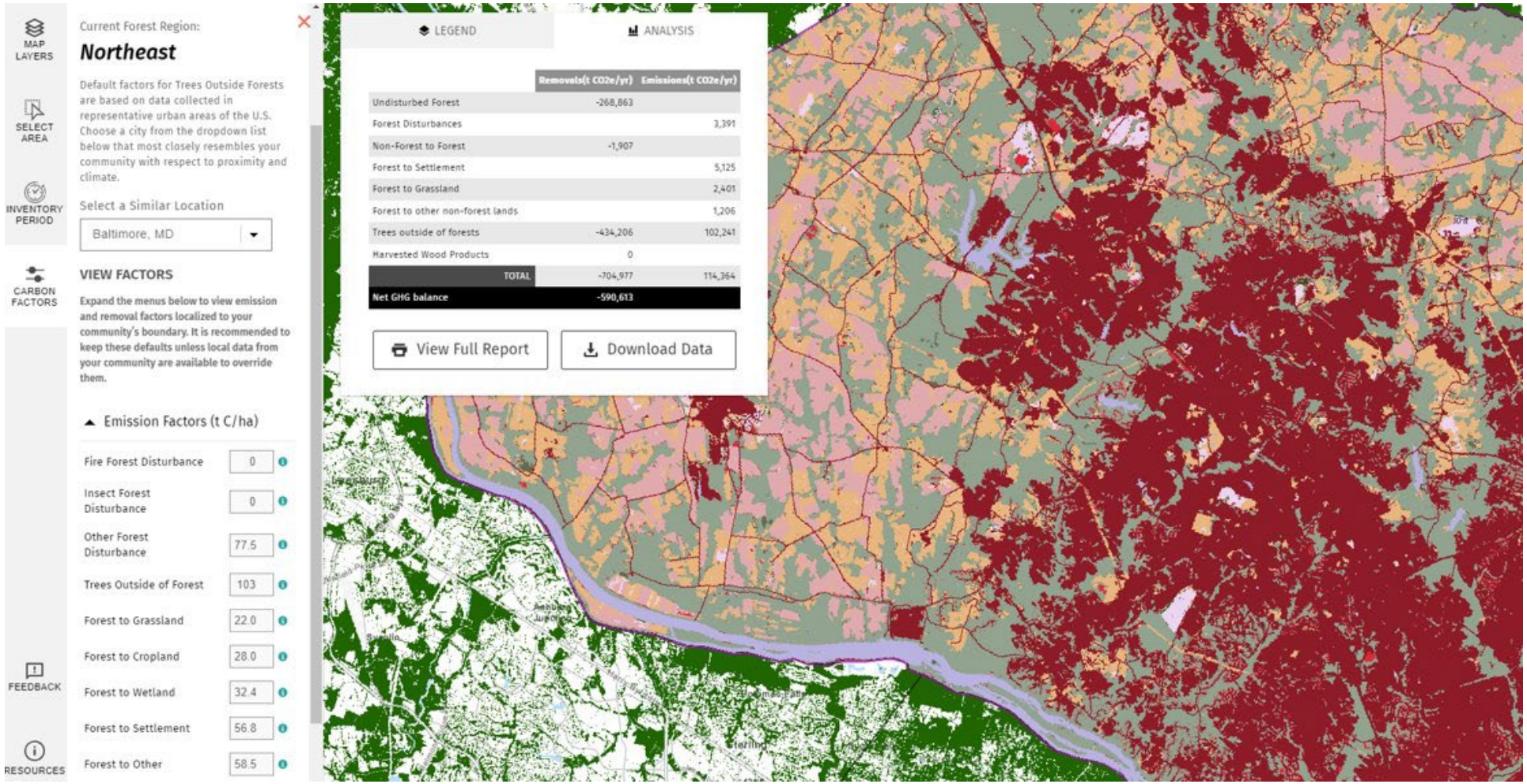
By Kery Murakami, Senior Reporter

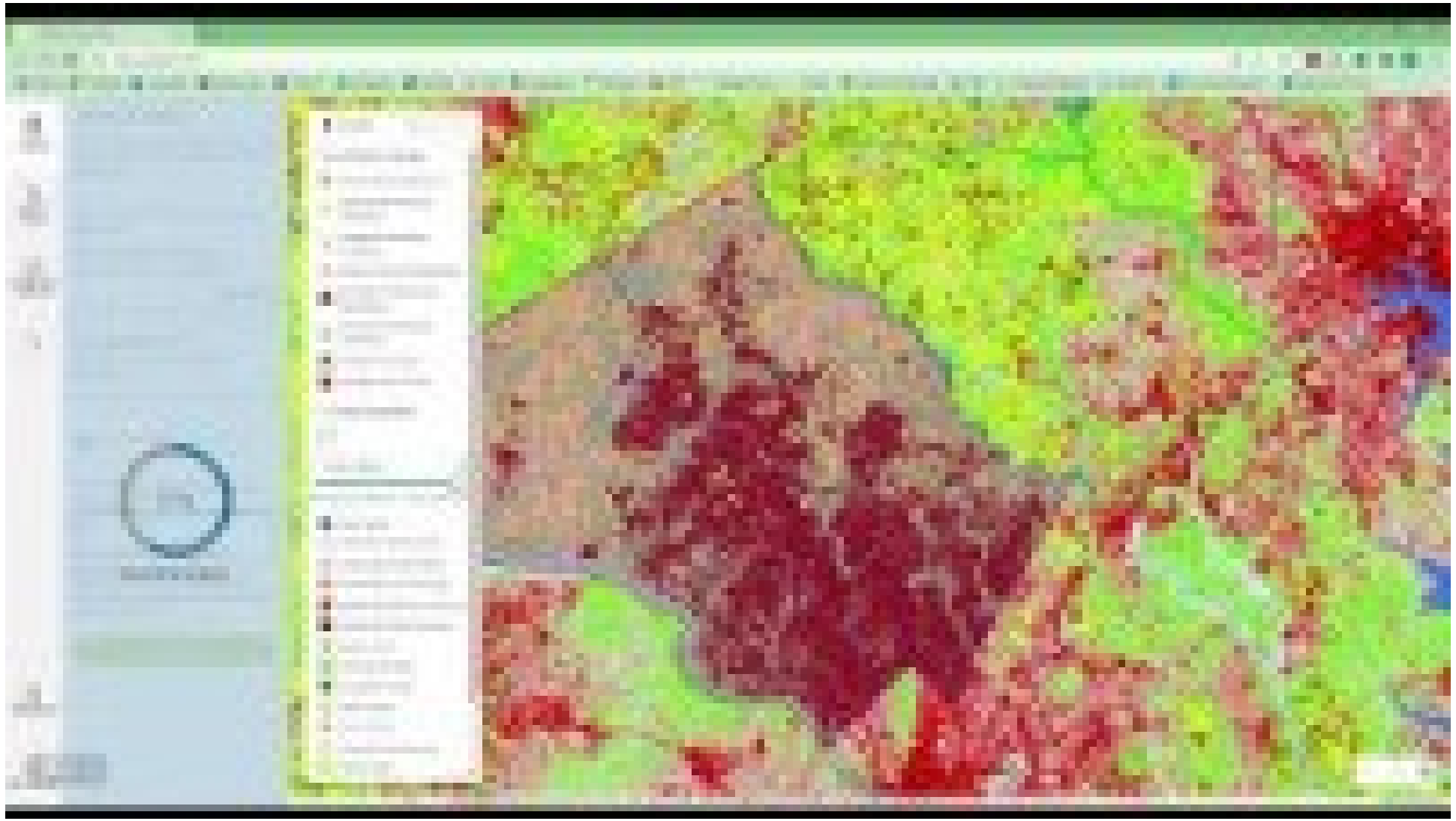
AUGUST 26, 2022

The massive federal measure offers a five-fold increase in funding tree planting nationwide, especially in low-income communities that are typically hotter in summers.

ROUTE FIFTY

What is LEARN?





Data updates through 2021

Data Category	Variable	Source
Land Cover Change	NLCD Land Cover 30-m	USGS National Land Cover Database (NLCD)
Forest Characteristics	Forest Stand Age	Pan et al. 2011
	Forest Type	Ruefenacht et al. 2008
	Forest Ecosystem Carbon Density	Wilson et al. 2013
Forest Disturbance	Fire	Monitoring Trends in Burn Severity (MTBS)
	Insect / Disease	USFS Aerial Detection Surveys (ADS)
	Harvest / Other Disturbances	Hansen et al. 2013, updated annually on Global Forest Watch
Tree Canopy	NLCD National 30-m	USGS National Land Cover Database (NLCD)
	Chesapeake Bay Watershed 1-m	Chesapeake Bay Program
Carbon Emission and Removal Factors	Forests	USFS Forest Inventory and Analysis Program (FIA)*
	Trees Outside Forests	Nowak et al. 2013*

*compiled by R. Birdsey, Woodwell Climate Research Center

MAP LAYERS

SELECT AREA

INVENTORY PERIOD

CARBON FACTORS

BORDERS & BOUNDARIES

US Municipalities
US Census TIGER boundaries, 2019

Forest Regions
USFS Forest Inventory and Analysis (FIA)

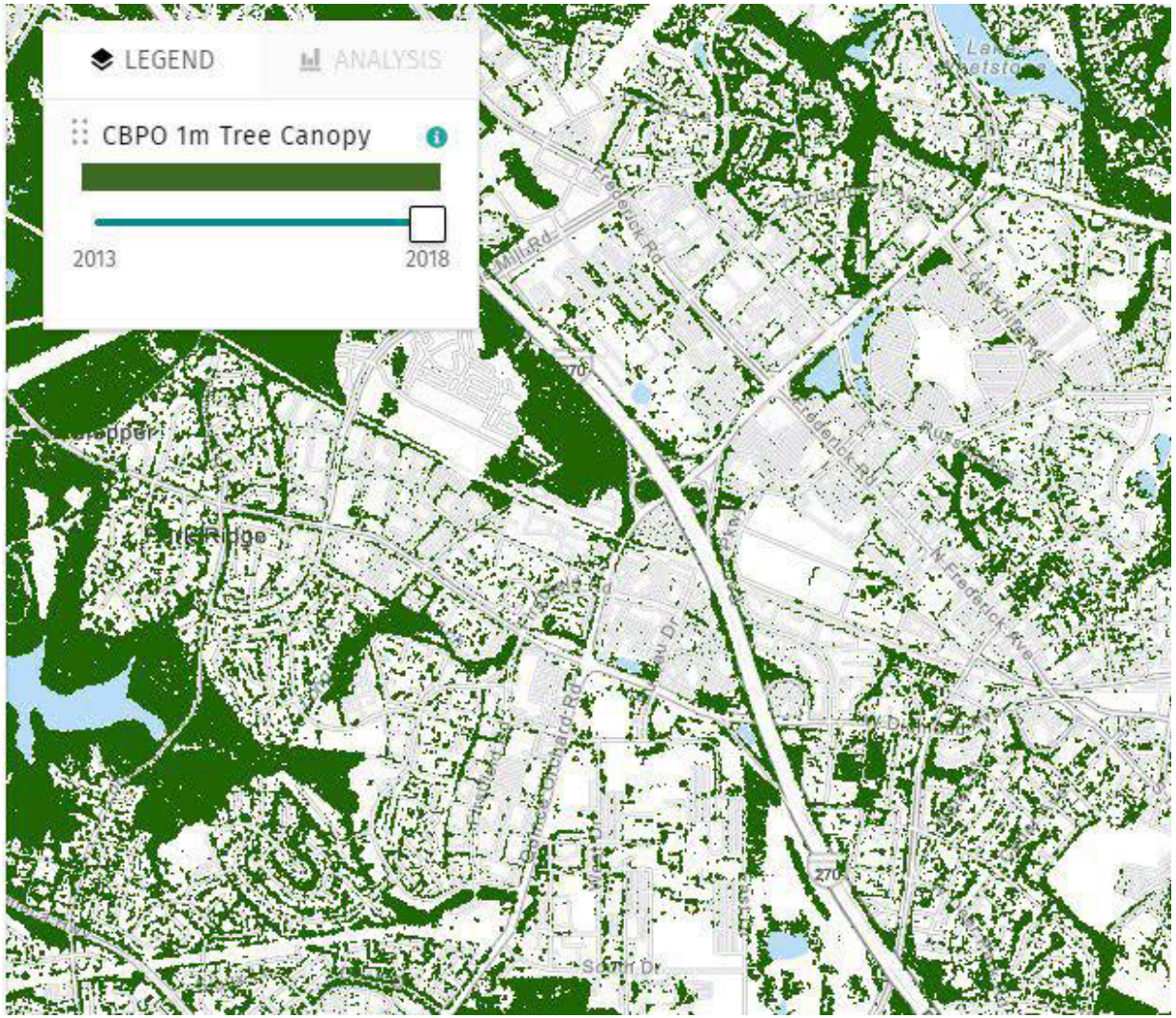
LAND, FOREST AND TREE COVER

Land Cover
2001-2019, 30 m, USGS/NLCD

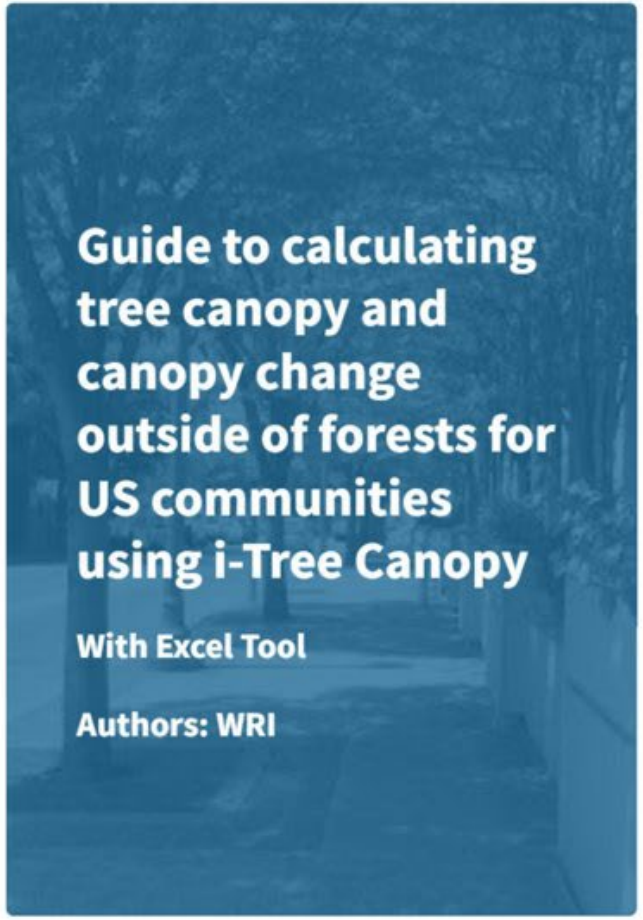
NLCD 30m Tree Canopy
2011-2016, 30 m, USGS/NLCD

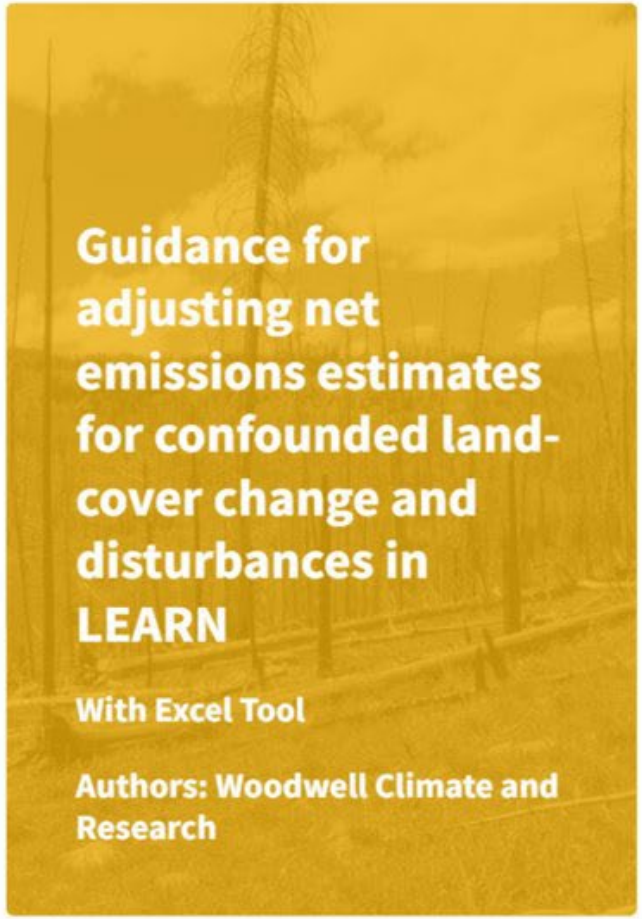
CBPO 1m Tree Canopy
2013-2019, 1 m, USGS/NLCD

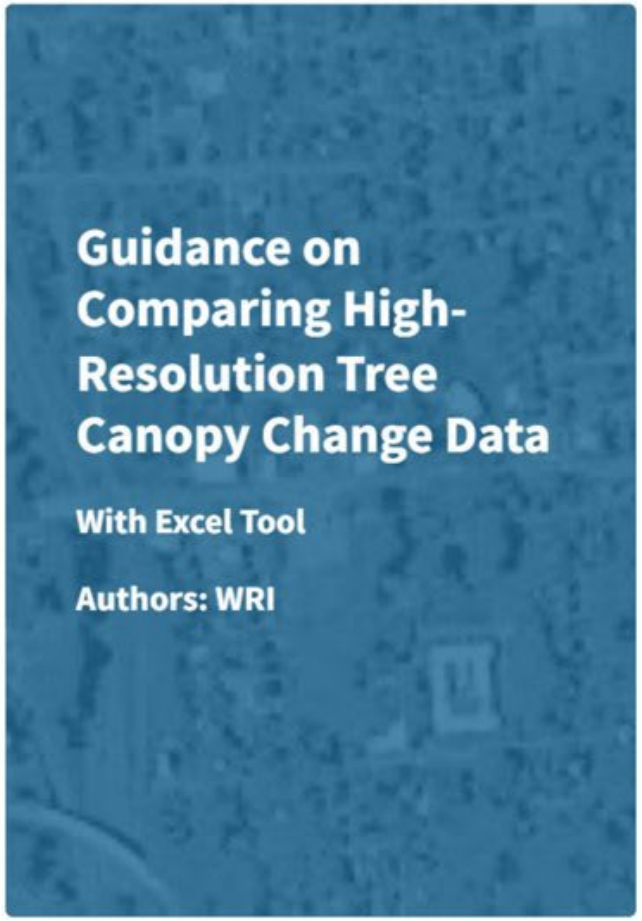
Forest Disturbances
2001-2019, 30 m, MTBS/USFS/UMD



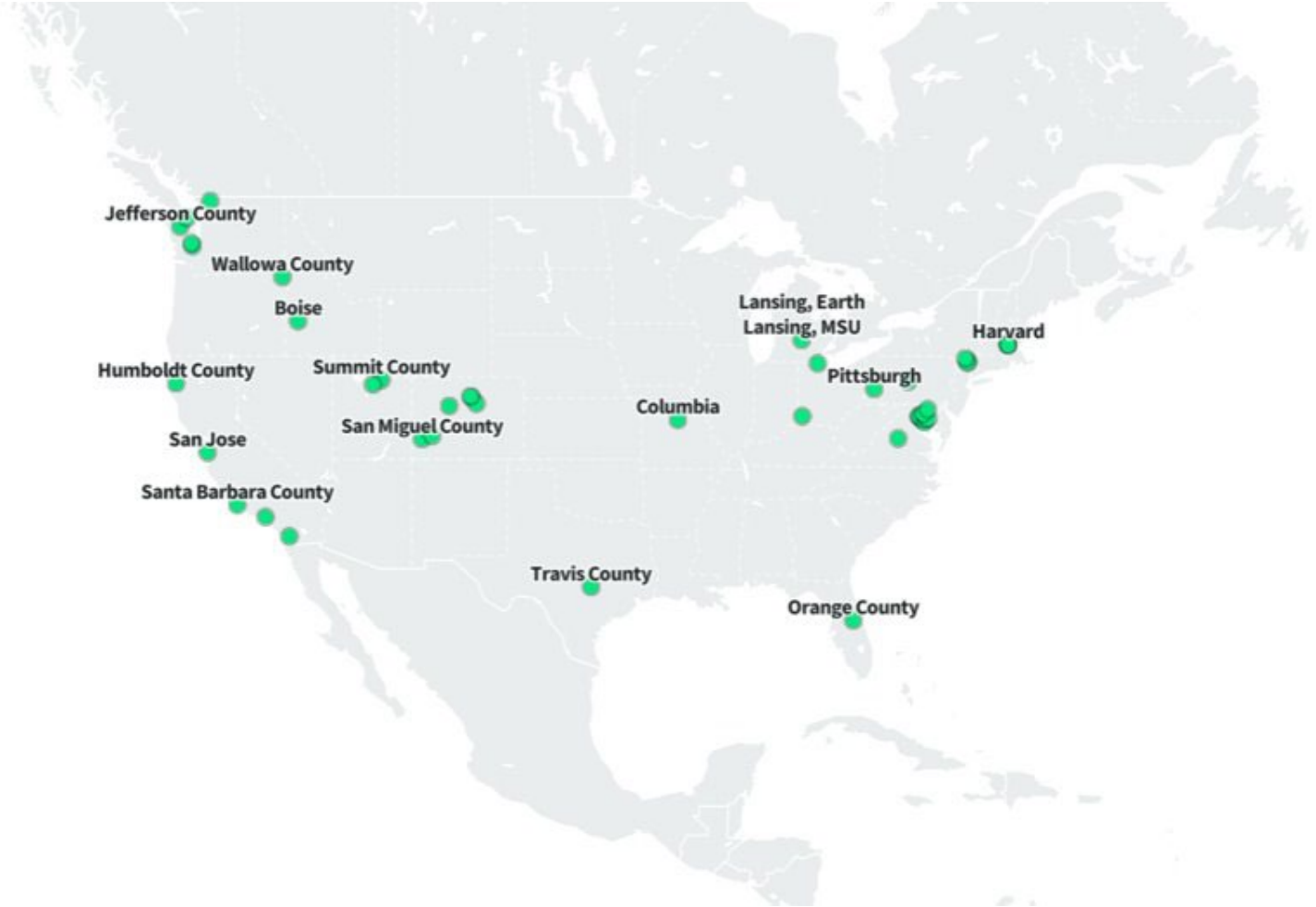
Accessible Guidance







Working directly with communities



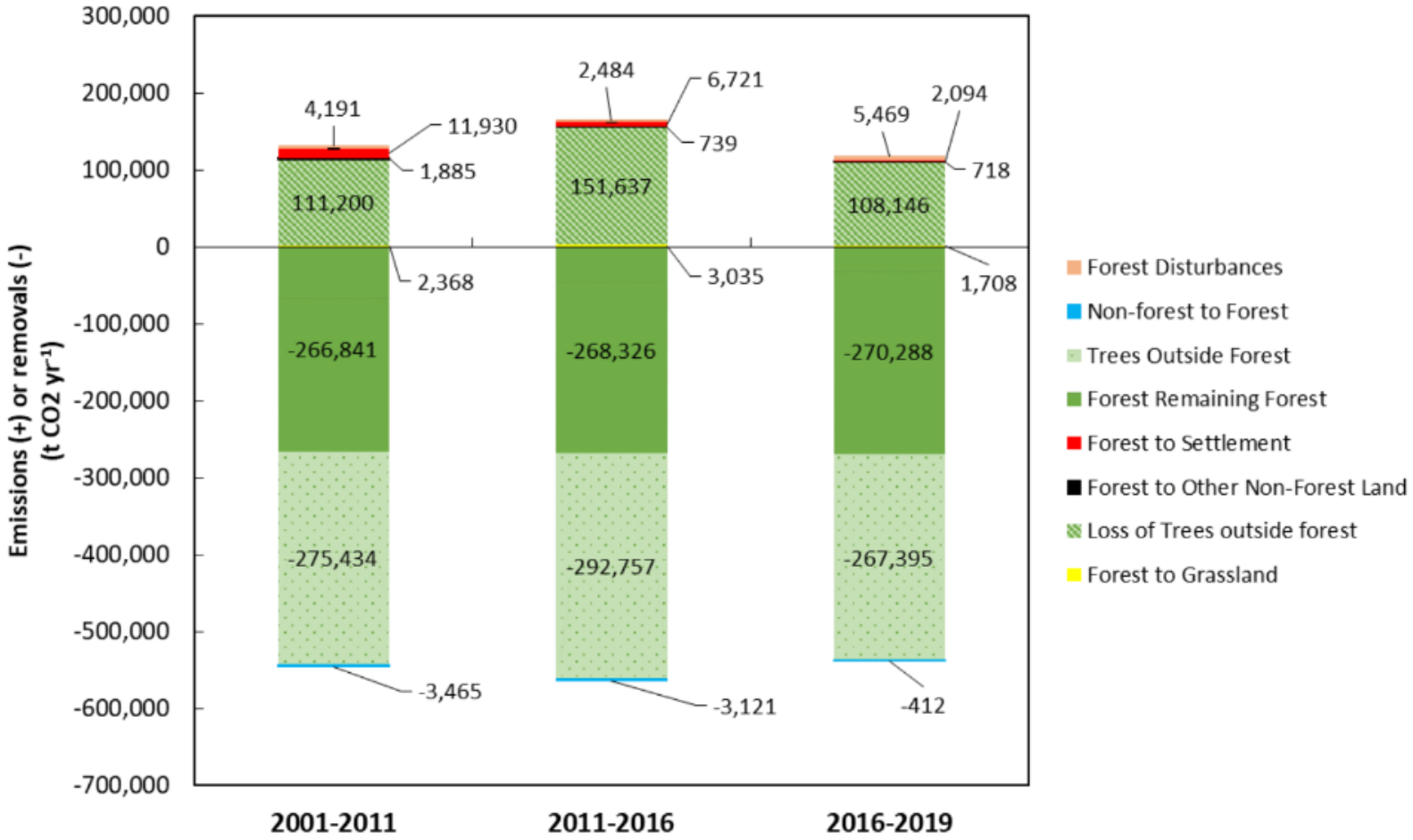
- [x] Locally relevant
- [x] Nationally consistent
- [x] Accessible and user-friendly

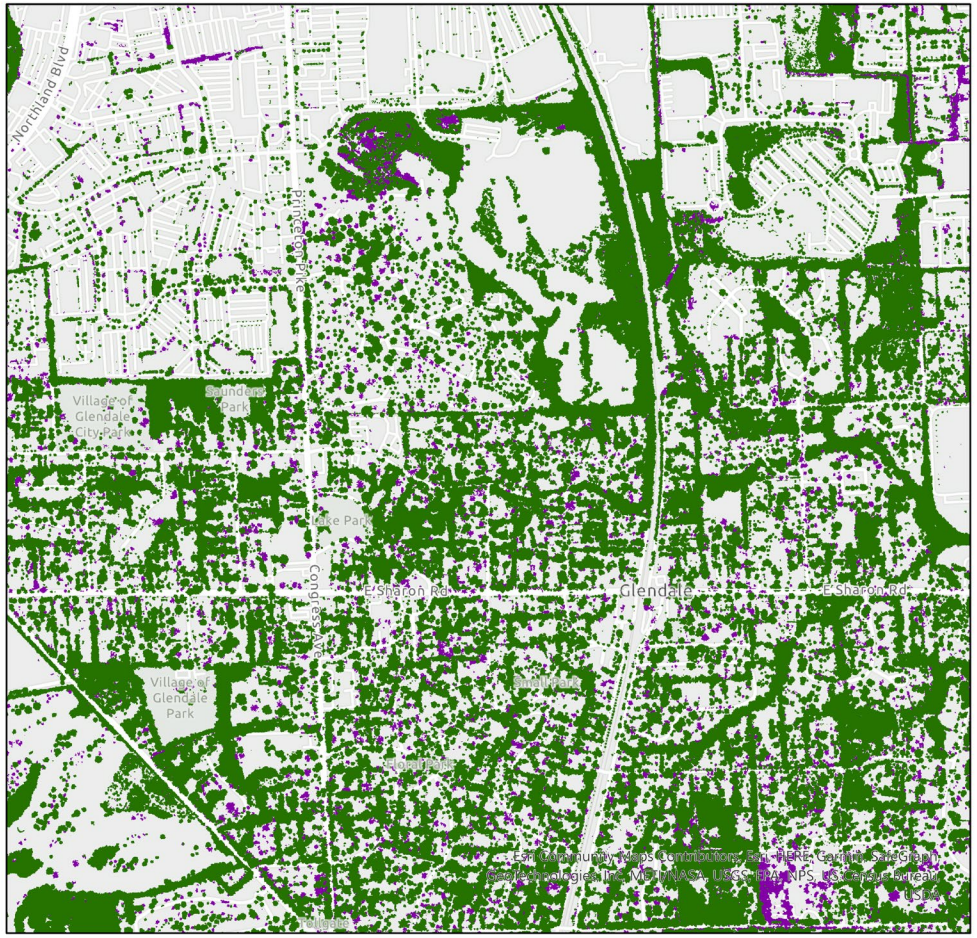
Metropolitan Washington Council of Governments

- 24 Jurisdictions in the DC area
- High-resolution Chesapeake Bay Program tree canopy change data
- Customized reports and support for each jurisdiction

Figure 1. Montgomery County's GHGs from forests and trees for 2001-2011, 2011-2016 and 2016-2019

All values in metric tons of CO_2/year. Positive values represent a CO_2 emission, negative values represent a CO_2 removal.





Cincinnati, Ohio

- High-resolution (sub-1-meter) data, but little capacity to utilize
- Custom analyses disaggregated to three time periods for improved insights
- Hands-on guidance and capacity building within city and county staff

"Having just that baseline data…it's blowing up our world in a very positive way, to be thinking about exciting new opportunities."

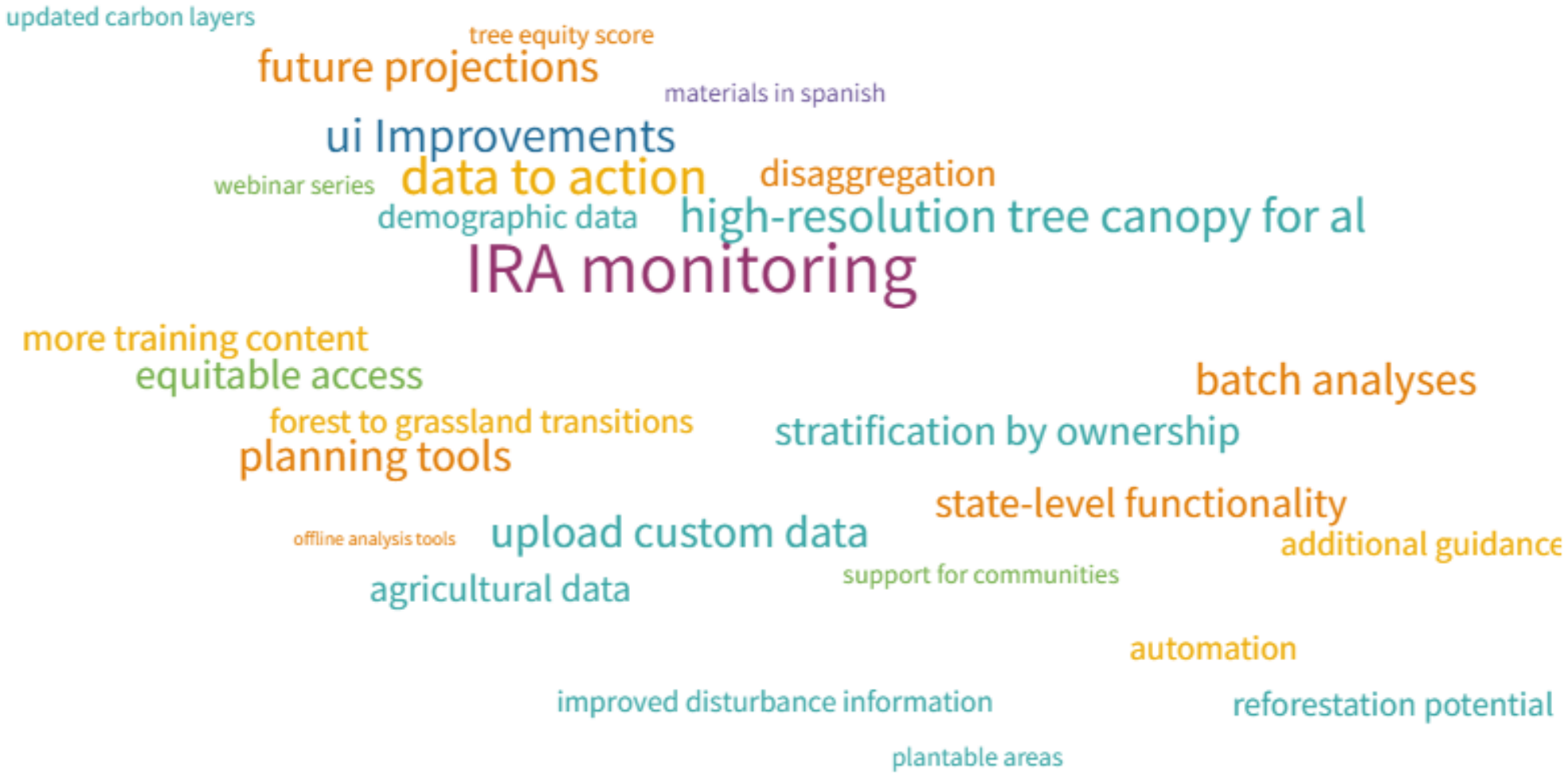
– **Doug Weisburger, Montgomery County, MD**

"I'm the main person doing all the data work for Climate Smart San Jose. So getting a tool that cuts down the amount of time that it takes to get a good estimate of what we have is extremely valuable."

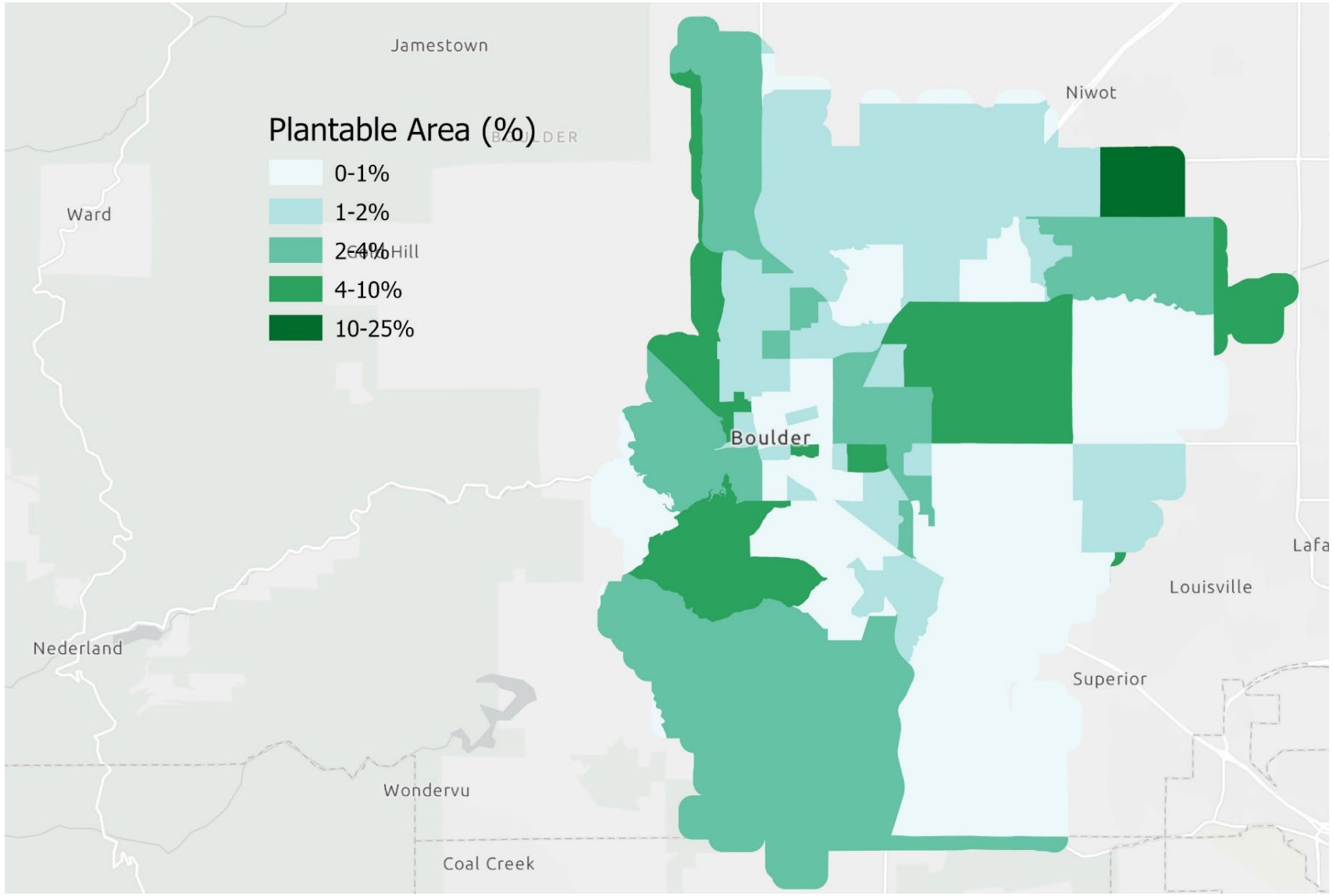
– **Yael Kisel, City of San Jose, CA**

"This analysis gave us a roadmap for how to target canopy improvement efforts towards areas where the environmental impacts would benefit specific populations within the community. This has led to specific resource allocation and new partnerships with community-based organizations and non-profits that may not have typically looked to canopy as an indicator."

– **Crystal Courtney, City of Cincinnati, OH**


updated carbon layers
tree equity score
future projections
materials in spanish
ui Improvements
webinar series
data to action
disaggregation
demographic data
high-resolution tree canopy for al
IRA monitoring
more training content
equitable access
batch analyses
forest to grassland transitions
stratification by ownership
planning tools
state-level functionality
offline analysis tools
upload custom data
additional guidance
support for communities
agricultural data
automation
improved disturbance information
reforestation potential
plantable areas

- Planning and future projections
- Automated disaggregation
- High-resolution data for all


Plantable Area (%)
0-1%
1-2%
2-4%
4-10%
10-25%
Jamestown
Niwot
Ward
Boulder
Louisville
Lafa
Nederland
Superior
Wondervu
Coal Creek

Thank you

Erin Glen | World Resources Institute

erin.glen@wri.org

icleiusa.org/LEARN

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2nd World Forum on Urban Forests

2023

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2nd World Forum on Urban Forests

Washington DC, 2023

PARKLIV! – an approach to increased urban forests accessibility; the non-physical dimension

Presented by

Thomas B. Randrup

Professor

Swedish University of Agricultural Sciences

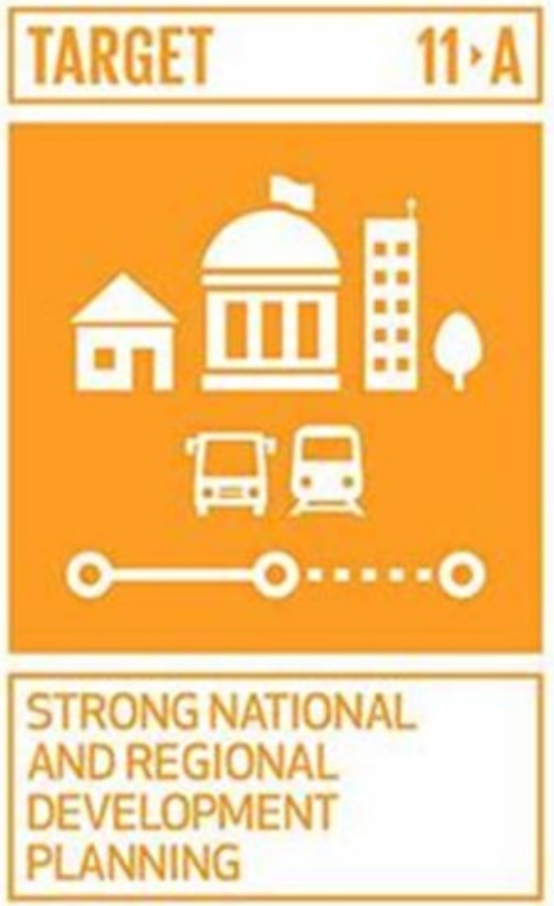
LIVING CITIES

VINNOVA

Equal accessibility - Not just about physical accessibility

SDG11 - Sustainable Cities and Communities,

Pointing out four broad target groups;
women, children, elderly and people w. disabilities



Equity via involvement in Urban Forestry management

A Challenge to engage (Arnstein, 1969; ..... Randrup et al., 2021
(from tokenism to self-management)

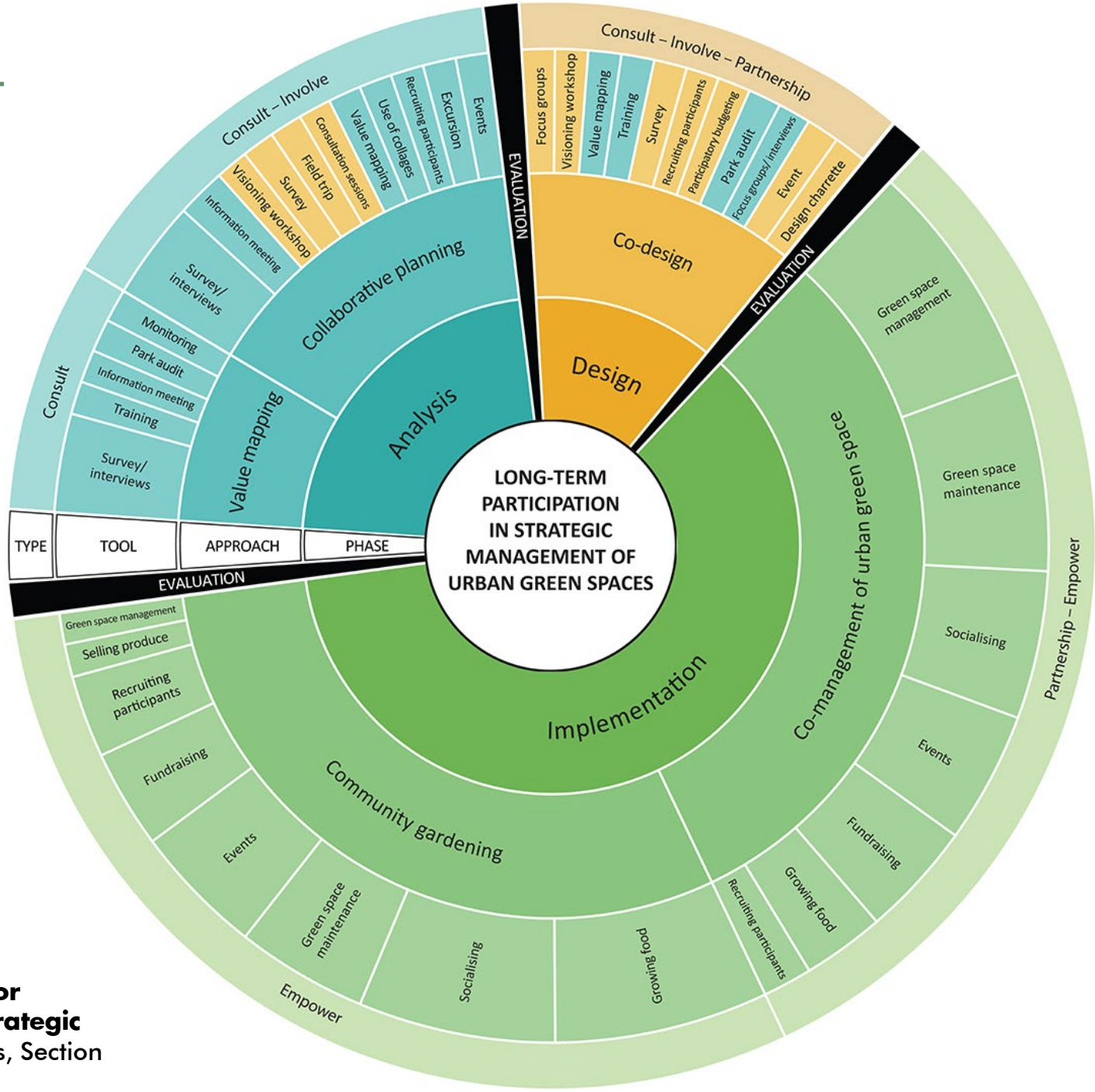
Urban Forestry managers are crucial in defining involvement processes (e.g., Castell, 2010)

Involvement processes are often project bound
- being limited to time and resources

2nd World Forum on Urban Forests
Washington DC, 2023

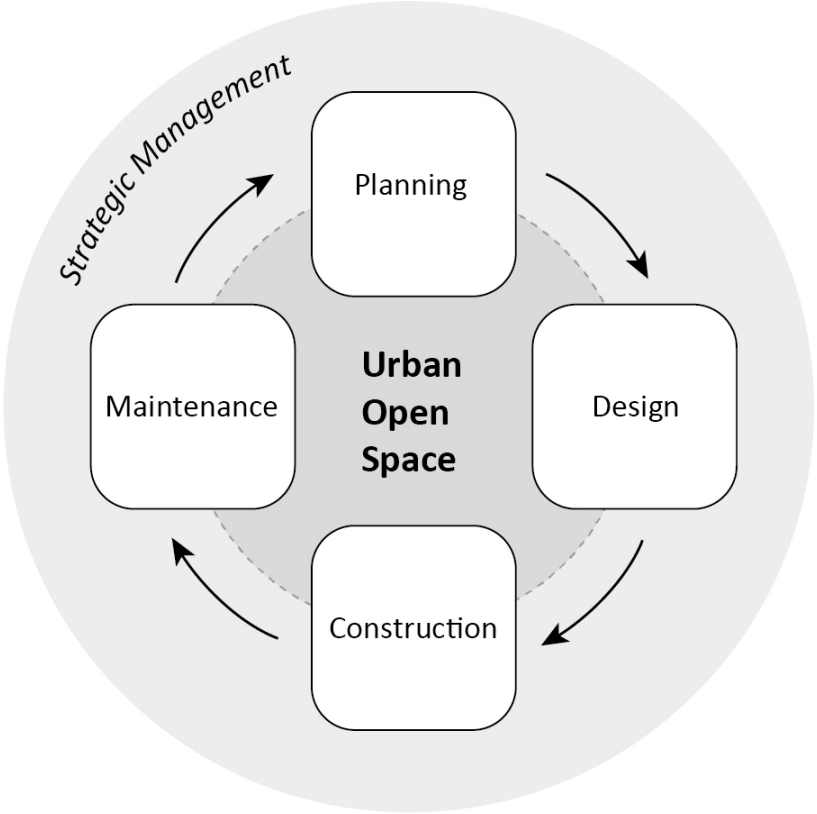
PARKLIV!

How are local governments involving users today?

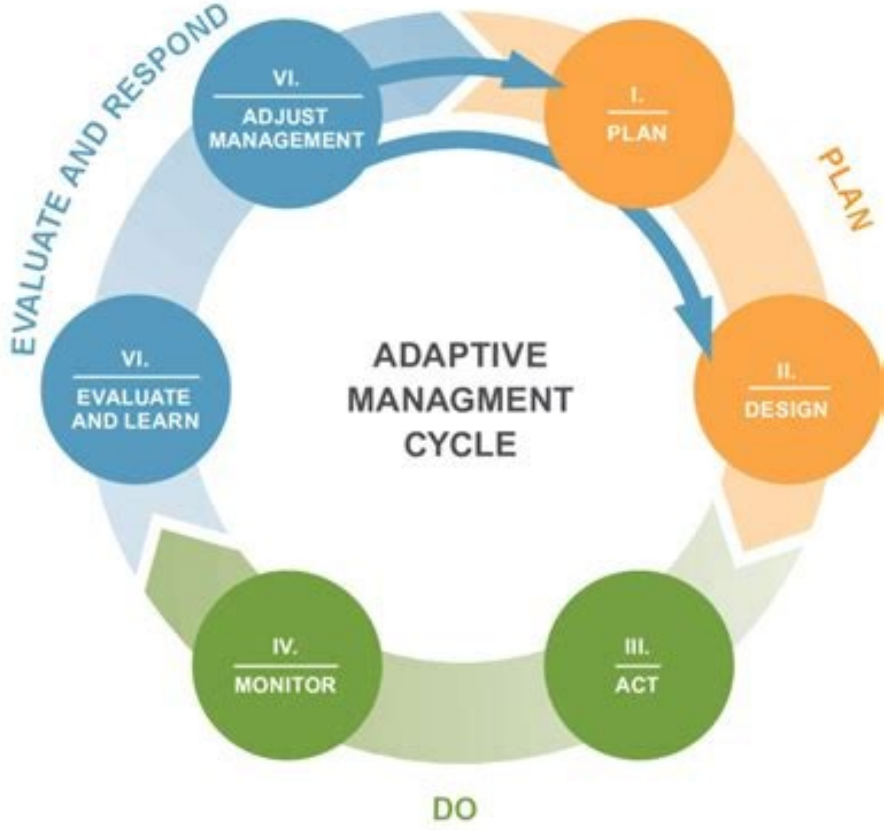


Fors, H., F.Aa, Hagemann, Å. O. Sang & T.B. Randrup (2021) **Striving for inclusion – A systematic review of long-term participation in strategic management of urban green spaces.** Frontiers in Sustainable Cities, Section Urban Greening.

(UF) Management definitions - as long-term approaches

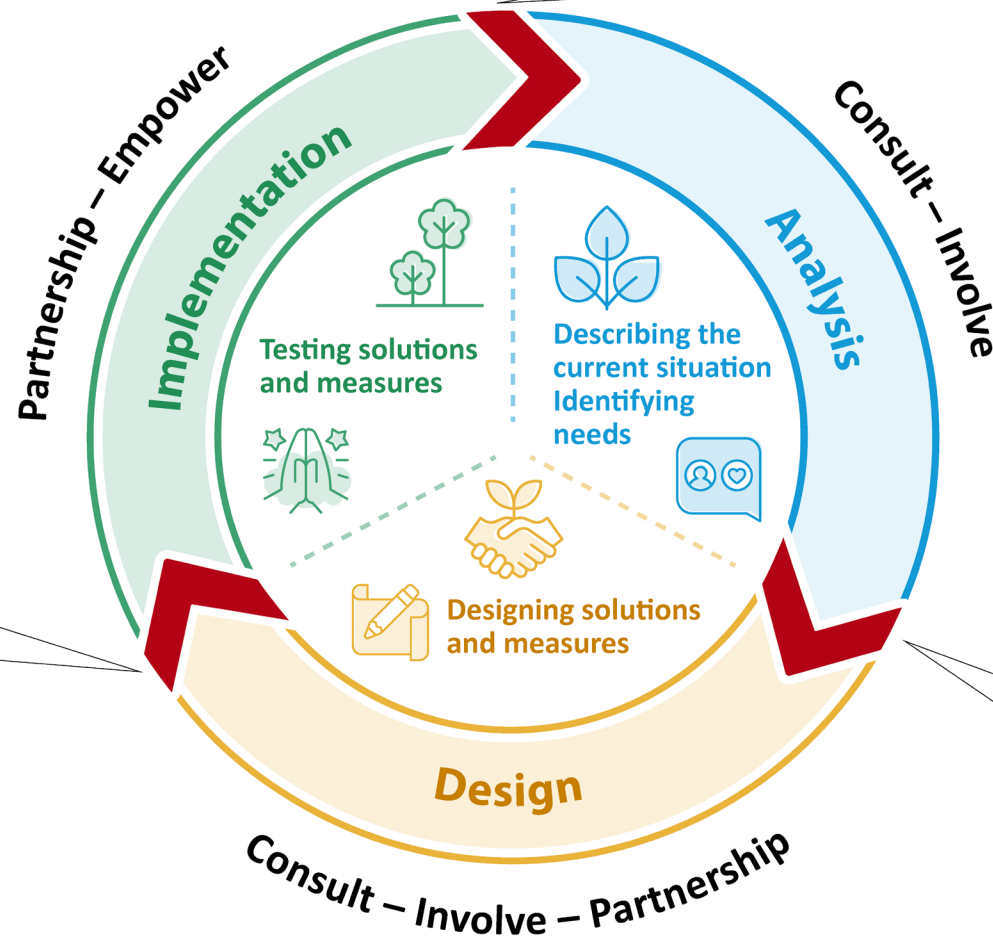


Jansson, et al. (2019) **The Governance of Landscape Management: New Approaches to Urban Space Development.** Landscape Research



Kavacs et al. (2014) **Saker Falcon Falco cherrug Global Action Plan.** CMS Raptors MOU Technical Publication No. 2, CMS Technical Series No. 31.

The ParkLIV process model



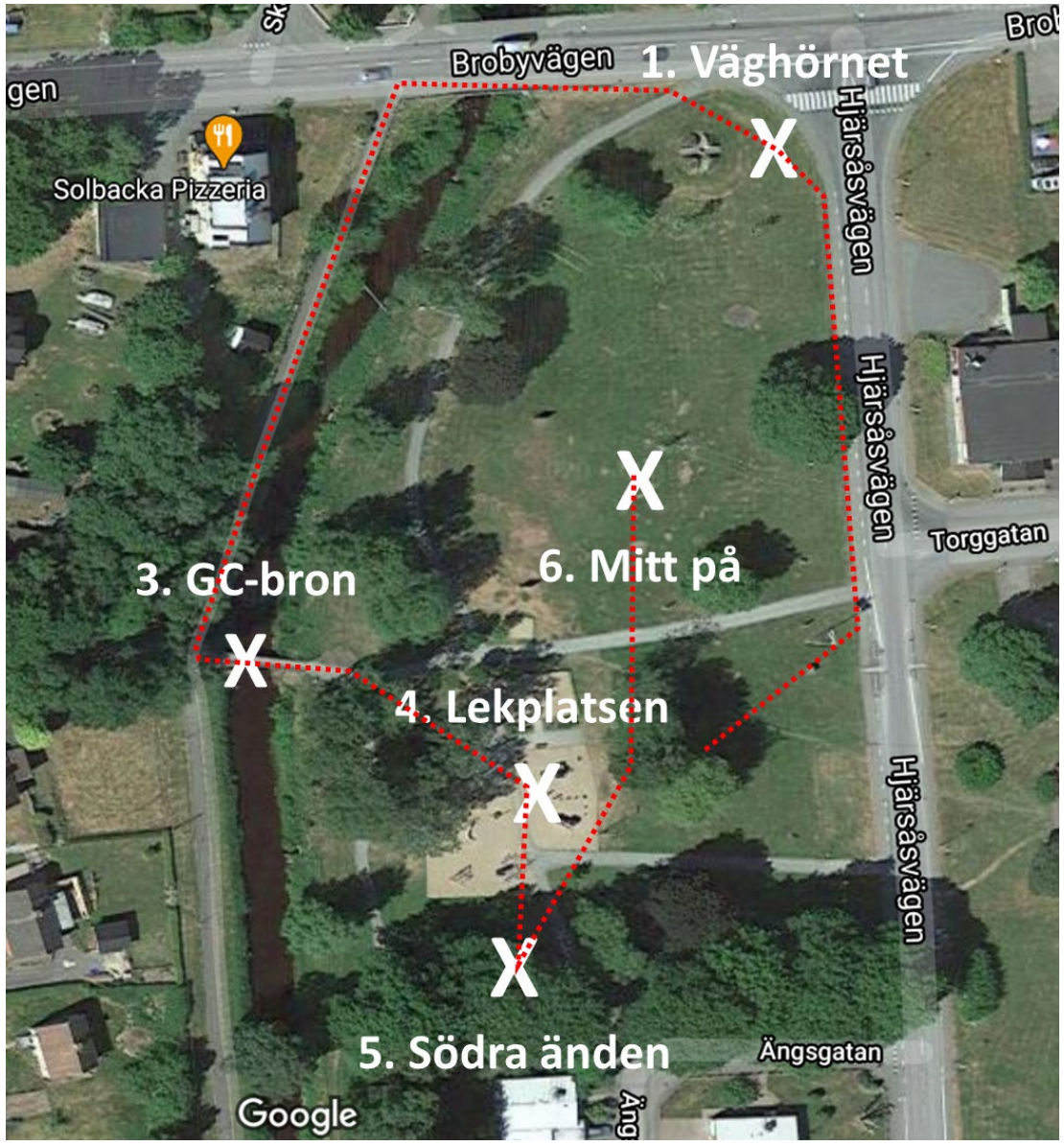
Were the objectives met? Are there additional needs?

How do the solutions contribute to achieving the objectives?

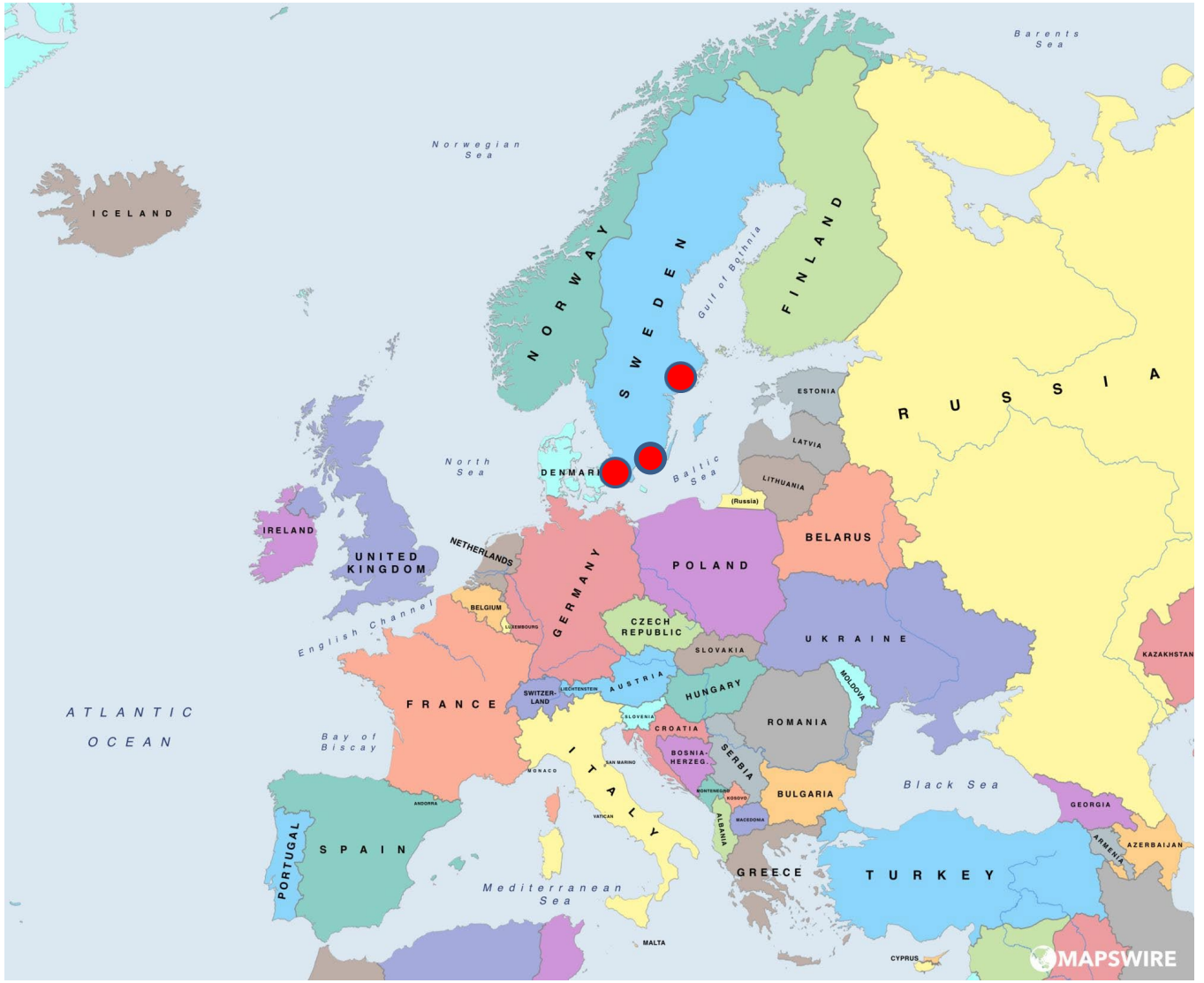
(Re-)formulate the objectives based on the analysis

The tested tools:

- Analysis of place qualities
- On-site interviews
- Park-walks
- Park-walks with children
- Design tool
- Events
- Spontaneous solutions



Three Swedish Test Beds



Tyresö

- How do you use this place, and what can we do to make it more relevant?

Smaller interventions established by the City of Tyresö, in cooperation with local schools and the Green Space Management Dept.

The path has been tested and re-adjusted.

Bilder från Tyresö testbädd – Lilla naturstigen

Östra Göinge

– how can we change the daily maintenance for more relevance?

Numerous smaller interventions agreed between the City of Östra Göinge, local residents, and local school children.

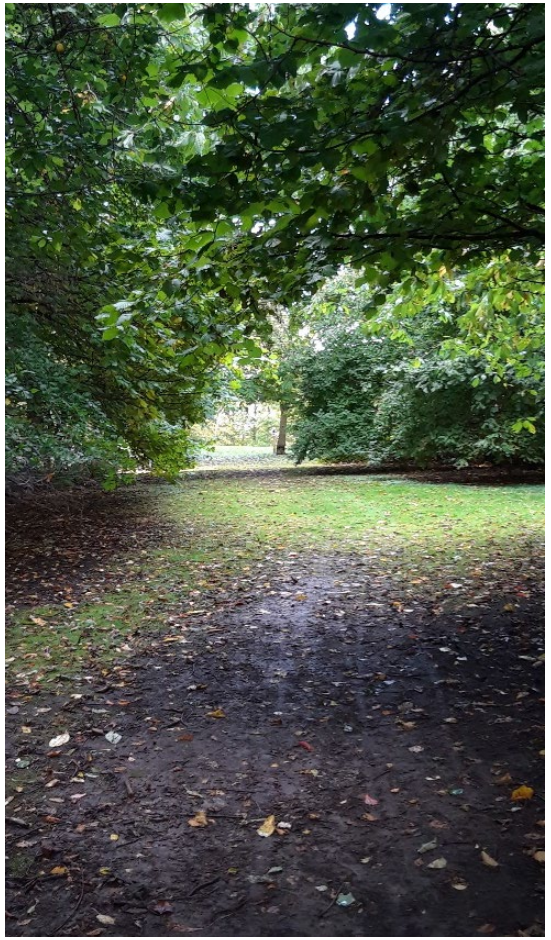
Establishment on hold due to toxic soils.

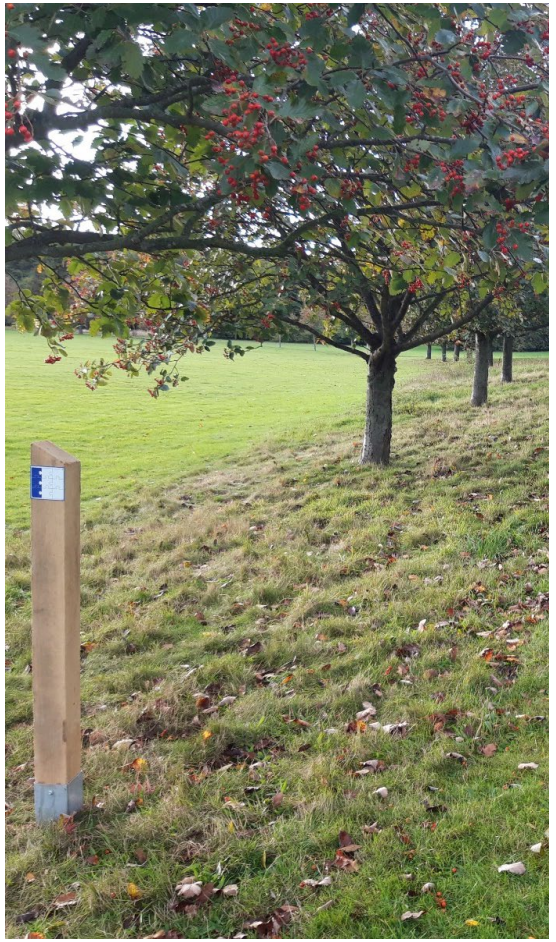
Malmö

– how can we best guide you, to use the park?

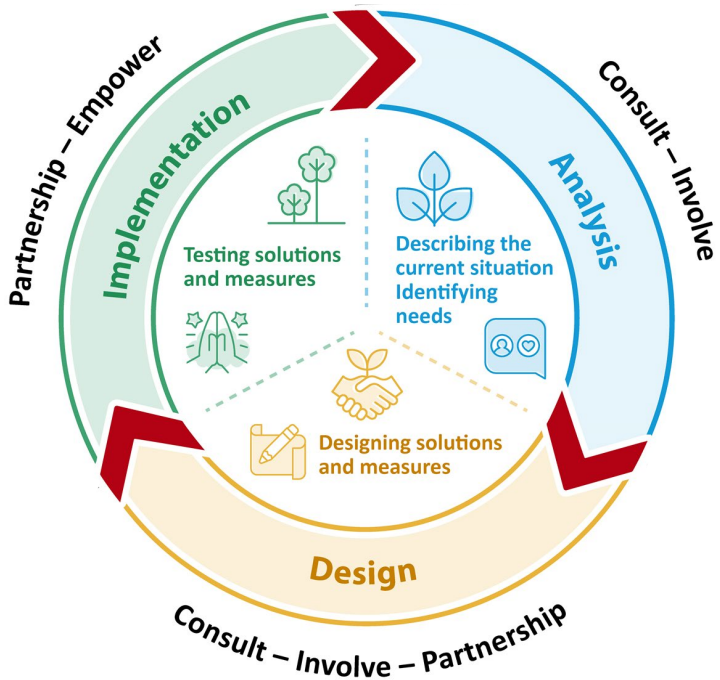
Path established by the City of Malmö, in cooperation between
the Disability Dept. and
the Green Space Man. Dept.
for people with autism.

The path is now being tested and re-adjusted.





Conclusions -1



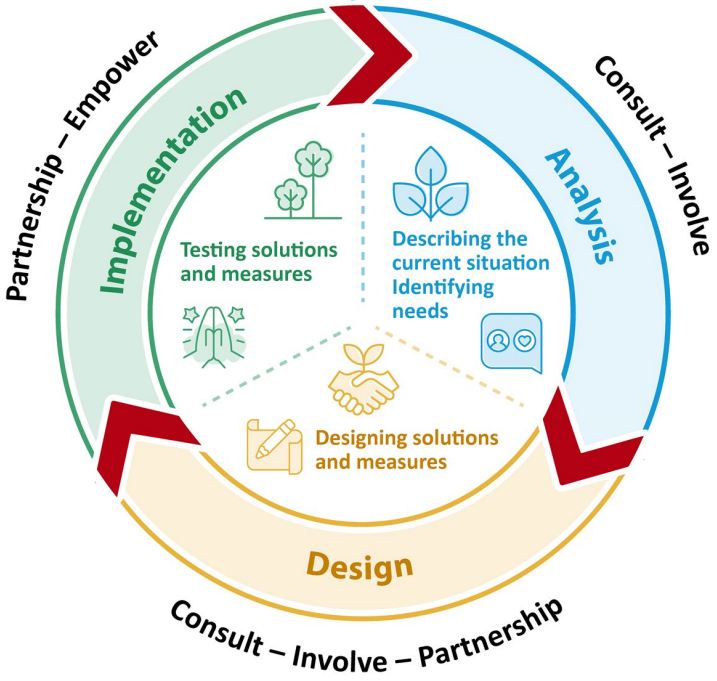
ParkLIV is a process
- not a project

Present a framework
– not a plan

Keep it simple
– tools, events, short time, quick results

Evaluate on a running basis

Conclusions - 2



To re-prioritize time
- is the main investment

Identify a project owner / a Bridge Builder

It takes time to establish relations
- but this is a long-term investment

Easier if policy exist

Thank you

www.livingcities.se/parkliv.html [in Swedish]

Fors et al. [In prep.] Autism-friendly public landscape architecture

Randrup et al. [In prep.] ParkLIV – Involving non-users in green space management

Emma Shepherdson, Hanna Fors, Jennie Björstad, Bengt Persson, Åsa Ode Sang & Henrik Nolmark + Municipalities Malmö, Tyresö & Östra Göinge

thomas.randrup@ slu.se

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Washington DC, 2023

"The causation is land and money":

Urban greening practitioner and planner perspectives on green gentrification

Presented by

Jessica Quinton

Lorien Nesbitt, Daniel Sax, Leila Harris

University of British Columbia

Overview

- Defining green gentrification
- Research objectives
- Methods
- 4 main themes
- Main takeaways

Green gentrification

When urban greening becomes implicated in the upgrading of neighbourhoods, in- moving of higher- income households, and displacement of existing residents

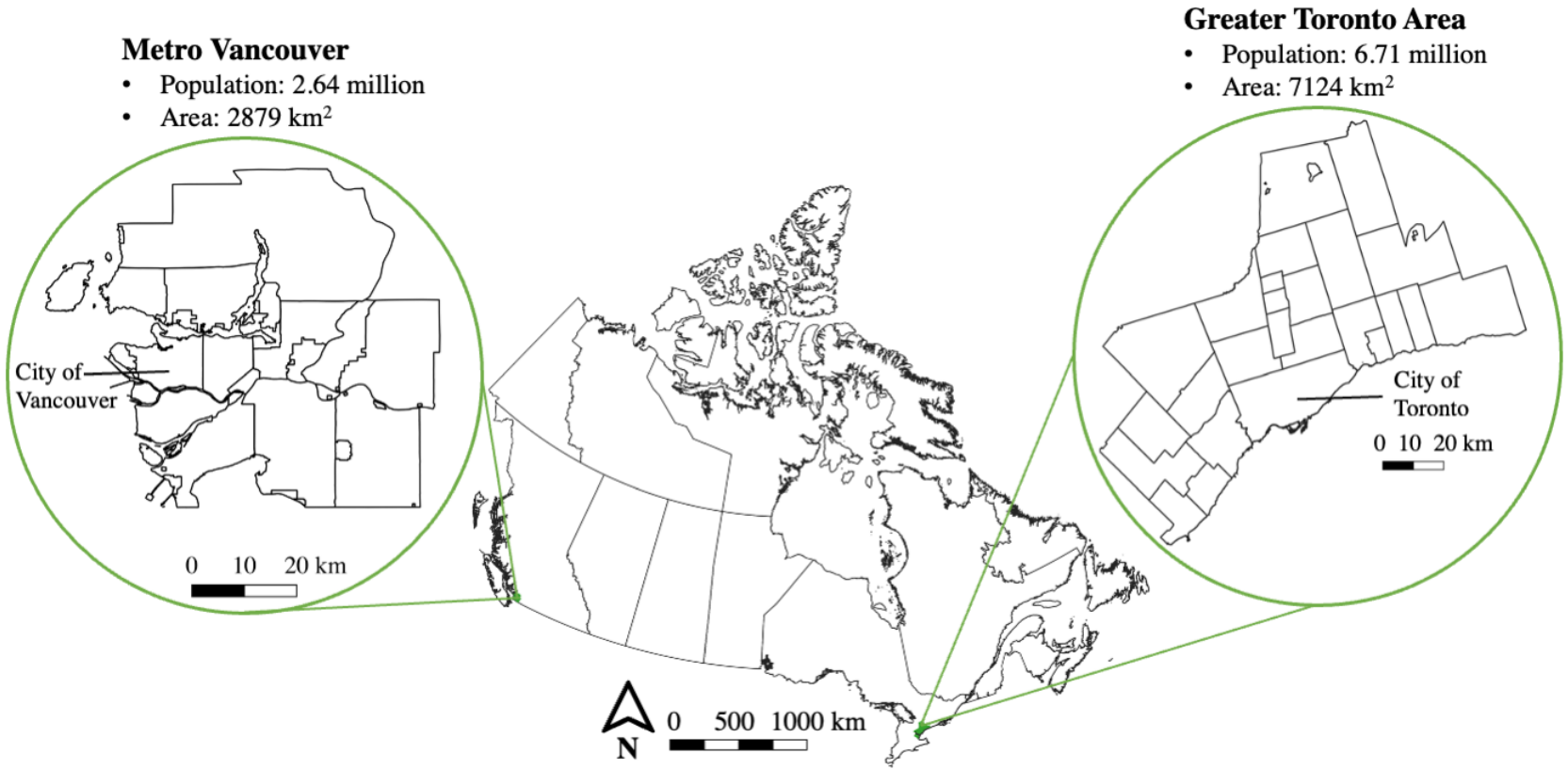
Research objectives

Understand planner/practitioner perspectives on:

1. How urban greening becomes connected to gentrification through their work
2. Potential methods of mitigating green gentrification
3. Relevance and usefulness of 'green gentrification' for supporting equitable greening

Methods

- Interviews with 33 urban greening planners/practitioners



4 main themes

1) What (and who) is driving gentrification

2) The greening-development connection

3) Current focus on 'equity-seeking rather than gentrification-avoiding'

4) Methods for limiting gentrification outcomes

1. What (and who) is driving gentrification?

- Greener neighbourhoods more desirable → attracts people to move in
- Trees & GI vs. large parks
- What about non-green factors?
- Role of developers, elected officials

1. What (and who) is driving gentrification?

"As an urban forester, or somebody who plants trees, I can only plant where there's space to plant trees… **Really, I'm working with what I'm given**." (GTA2)

"So **the park aspect is part of it**, but it's the whole kind of amenities-service-delivery-connectivity-transportation stuff as well." (GTA12)

2. The greening-development connection

- New greening funded/accommodated by new development
- New developments typically targeted towards higher-income households
- Greening frequently located alongside new developments
- Development → greening
  - (not greening → development)

2. The greening-development connection

"What we're finding is that **we struggle with the increased real-estate costs**, so that now we're more inclined to **take our land where we can get it**, when we can get it as part of development." (GTA11)

"Development drives everything here... you generally have nicer infrastructure, whether it's green infrastructure, hard infrastructure, near new development." (GTA13)

3. Equity-seeking vs gentrification-avoiding

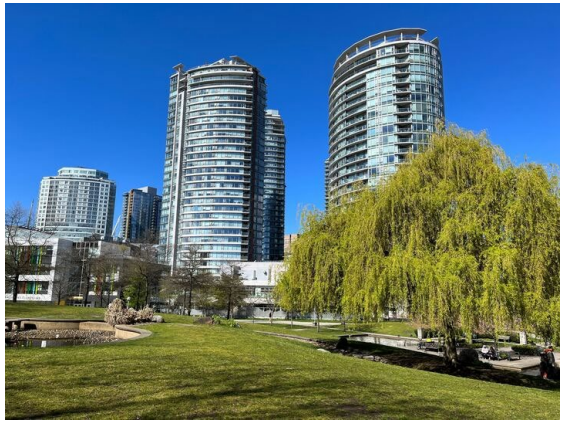
- Most people currently focus on addressing existing inequities
- Very little discussion of green gentrification
- Some saw tension between addressing existing inequities and limiting potential gentrification
  - "Just Green Enough"

3. Equity-seeking vs gentrification-avoiding

"… it would be tough for us to make trade offs in our recommendations, especially in an underserved area like the Downtown Eastside. Vancouver is a good example where **we're actually prioritizing greening in those neighborhoods**." (MV3)

"It's kind of interesting using the term **gentrification… we just don't use that a lot. I've heard equity everywhere**. I've literally heard it five times in the last 24 hours in different contexts." (MV7)

4. Mitigating green gentrification



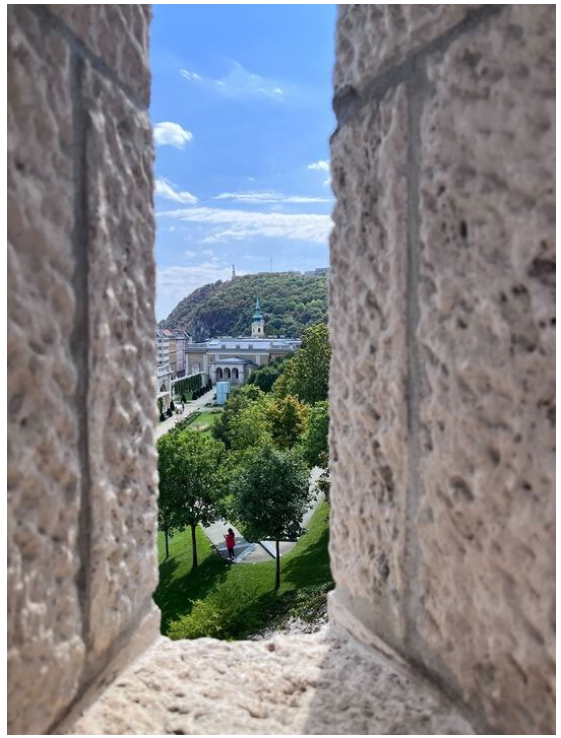
- 'Green gentrification' has limited usefulness in supporting equitable greening
- Little support for a 'Just Green Enough' approach
- Need to have:
  - Policy
  - Community engagement
  - Interdepartmental collaboration

4. Mitigating green gentrification

"[...]the focus is on how do you manage gentrification and displacement first, and then the greenness is kind of a subset of that [...] **So it's more generally 'how can we limit gentrification and displacement?"** (MV2)

"And I know that there are some policy toolkits out there [...] that need interdepartmental collaboration to an extent that we don't really actually see in the city. [...] **more interdepartmental collaboration and coordination is needed, especially with folks in social policy and housing**." (MV16)

Main takeaways



- Development commonly funds/accommodates greening
  - Upholds existing, and creates new, inequities
- 'Green gentrification' has limited use for planners/practitioners
- Need affordability and equity policies that work across urban systems

Thank you

Jessica Quinton | The University of British Columbia

Funded by: Social Sciences and Humanities Research Council of Canada / Conseil de recherches en sciences humaines du Canada

Canada

jessica.quinton@ ubc.ca

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Washington DC, 2023

The 3-30-300 rule in practice

Presented by

Johan Östberg

Nature Based Solutions Institute

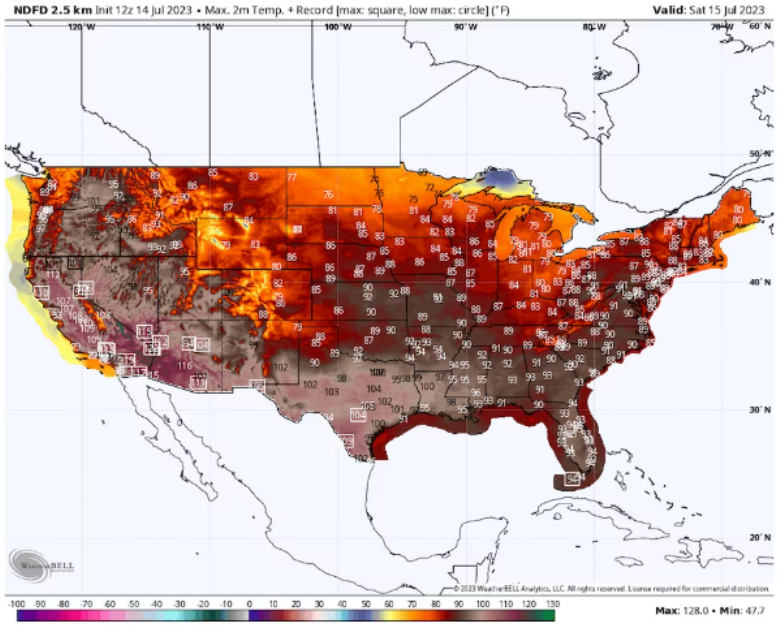
Sweden

Extreme heat wave to shatter records this weekend over southern U.S.

The relentless heat dome will intensify in the days ahead, threatening all-time records

By Matthew Cappucci

Updated July 14, 2023 at 11:45 a.m. EDT | Published July 14, 2023 at 11:27 a.m. EDT



Forecast highs on Saturday from the National Weather Service. Boxed values are predicted records. (

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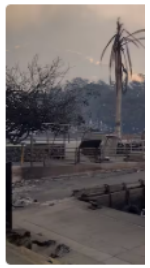


1 Six killed in Hawaii tourists t

2 Hot tub-like fuels 158-de in Iran

3 'Ridiculous'

https://www.washingtonpost.com/weather/2023/07/14/heat-wave-records-southwest-florida-climate/

Flash flooding hits Washington, D.C., prompting water rescues

In Virginia, the Fairfax County Fire and Rescue Department said it had responded to 55 swift water rescue calls.

https://www.nbcnews.com/news/weather/flash-flooding-hits-washington-d-c-prompting-water-rescues-n1027431

ISGlobal

Over 4% of summer mortality in European cities is attributable to urban heat islands

30%

Increasing **tree cover** in cities to **30%**

can reduce the **temperature** of urban environments by up to **1.3 °C**

and **prevent 1/3 of premature deaths** attributable to urban heat islands in summer

Source: Iungman T., et al., The Lancet, 2023.

3-30-300 rule

The rule requires that every citizen should be able to see at least

- 3 from their home, have
- 30 percent tree canopy cover in their neighborhood and not live more than
- 300 m away from the nearest park or green space.

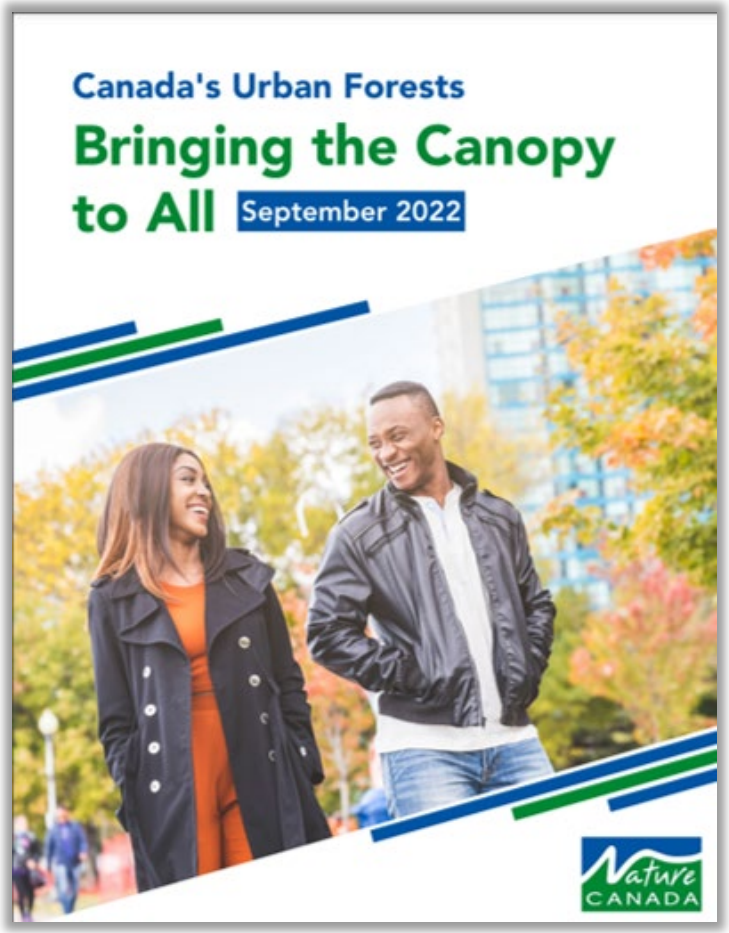
https://nbsi.eu/the-3-30-300-rule/

3-30-300 rule or 3-30-328 (yards)

The rule requires that every citizen should be able to see at least

- 3 from their home, have
- 30 percent tree canopy cover in their neighborhood and not live more than
- 300 m away from the nearest park or green space.

https://nbsi.eu/the-3-30-300-rule/



A better approach is the 3-30-300 rule, which states that everyone should be able to see at least three trees from their home, that all neighbourhoods should have at least a 30% tree canopy, and that all residents should have a greenspace of at least one hectare within 300 metres of where they live. While this principle can help substantially in advancing tree equity, we need to go further. In this report, Nature Canada proposes that equitable access should be thought of in terms of three variables—proximity to urban trees and forests, urban forest quality and the governance of urban forests.

▼ Everyone should be able to see at least **3 trees** from their home

▼ Communities should ensure a **30% tree canopy** in all neighbourhoods

▼ All residents should have a greenspace of at least **one hectare within 300 metres** of where they're living

Region

/ OPINION & ANALYSIS

Tree planting – everyone's responsibility

04 DEC, 2022 - 00:12 0 COMMENTS 1 IMAGES

File photo: Minister Ndlovu planting trees at Insukamini

Fortunes Matutu, Forest Conservationist

IN the forest conservation world it has often been said that until you dig a hole, plant a tree, water it, and make it live, you have not understood the true meaning of life.

Agricultur

CROCO COMMERCIAL

Scotland's urban treescapes set for £10m planting project

26th October 2022

ESSENTIAL ARB | ENVIRONMENT | FORESTRY

Scotland's urban treescapes could soon get a bumper cash boost *(Image: NQ)*

By Jack Haugh
Deputy Editor
@jackmhaugh

Share

0 Comments

SCOTLAND'S urban treescapes could soon turn over a new leaf after a £10 million planting project moved one step closer to getting underway.

Future Woodlands Scotland (FWS) has appointed a team of experts to research and develop a delivery model for the bumper Urban Forestry Fund, which aims to improve the environment in cities and towns.

Treeconomics and the Nature Based Solutions Institute (NBSI) will head up the four-month task to identify options and make recommendations to ensure the cash is delivered in a way that has maximum impact across the country.

Get *involved* with **the news**

Send your news & photos

Most read

1 'Negative reactions don't really bother me': Female operator on her forestry journey

2 How drones are helping the fight against rhododendron in Scotland's rainforest

3 Senior forest manager sought for 'highly-productive' conifer woodland

4 Academics' 'vital' research into tree-killing diseases honoured with award win

5 Arborists called in row over felling of ash dieback-infected ancient woodland

Malmö ska bli grönare: ”Äntligen överens”

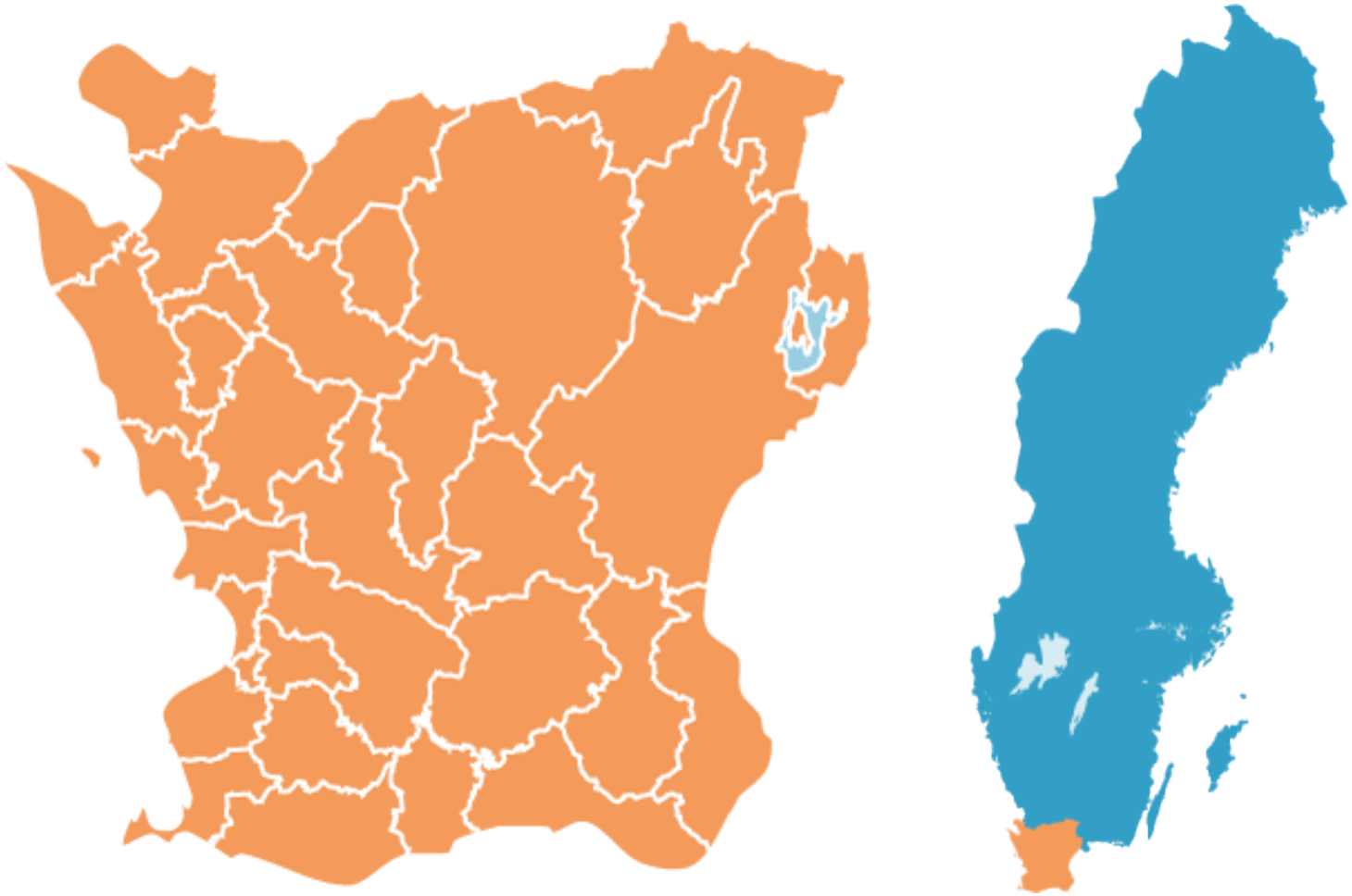
9 mars 2023 18:00

En majoritet av bostadsområdena i Malmö har brist på träd, visar färska siffror. Miljöpartiets vallöfte om att alla ska se minst tre träd från sitt fönster kan bli verklighet, efter att Malmöstyret kommit överens.

Text: Elinor Strand

Miljöpartiets Stefana Hoti gick till val på att göra Malmö grönare. Nu hoppas hon leverera på löftet till partiets väljare.
Bild: Hussein El-alawi

”A majority of residential areas in Malmö lack trees. The Green Party's promise that everyone should see at least **three** trees from their window can become a reality, after the Malmö government agreed.”



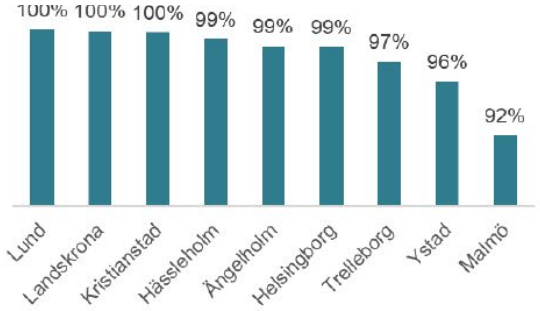
"3-30-300 in Skåne – method of analysis for green cities"

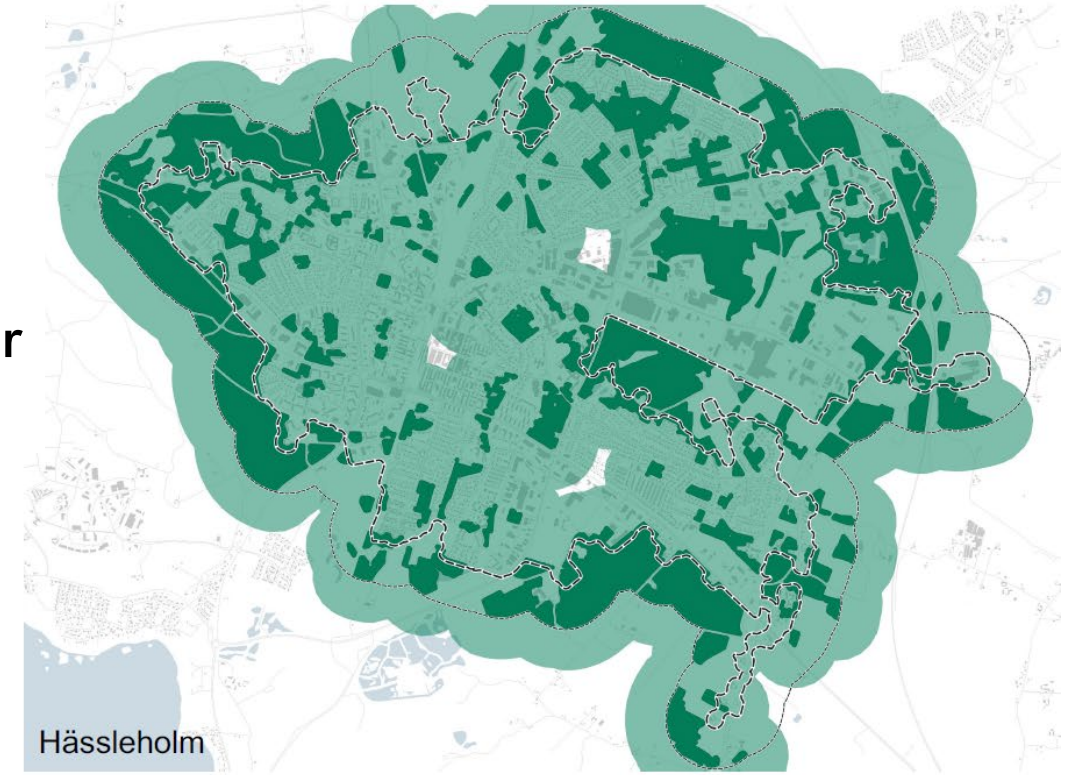
https://samgis.se/wp-content/uploads/2022/12/3-30-300-i-Ska%CC%8Ane-analysmetoder-fo%CC%88r-gro%CC%88nare-sta%CC%88der-DN.pdf

300 (m)

Results

97% of all houses/apartments is within 300 meters of a 0,5 ha green space, that is at least 30 meter in width.





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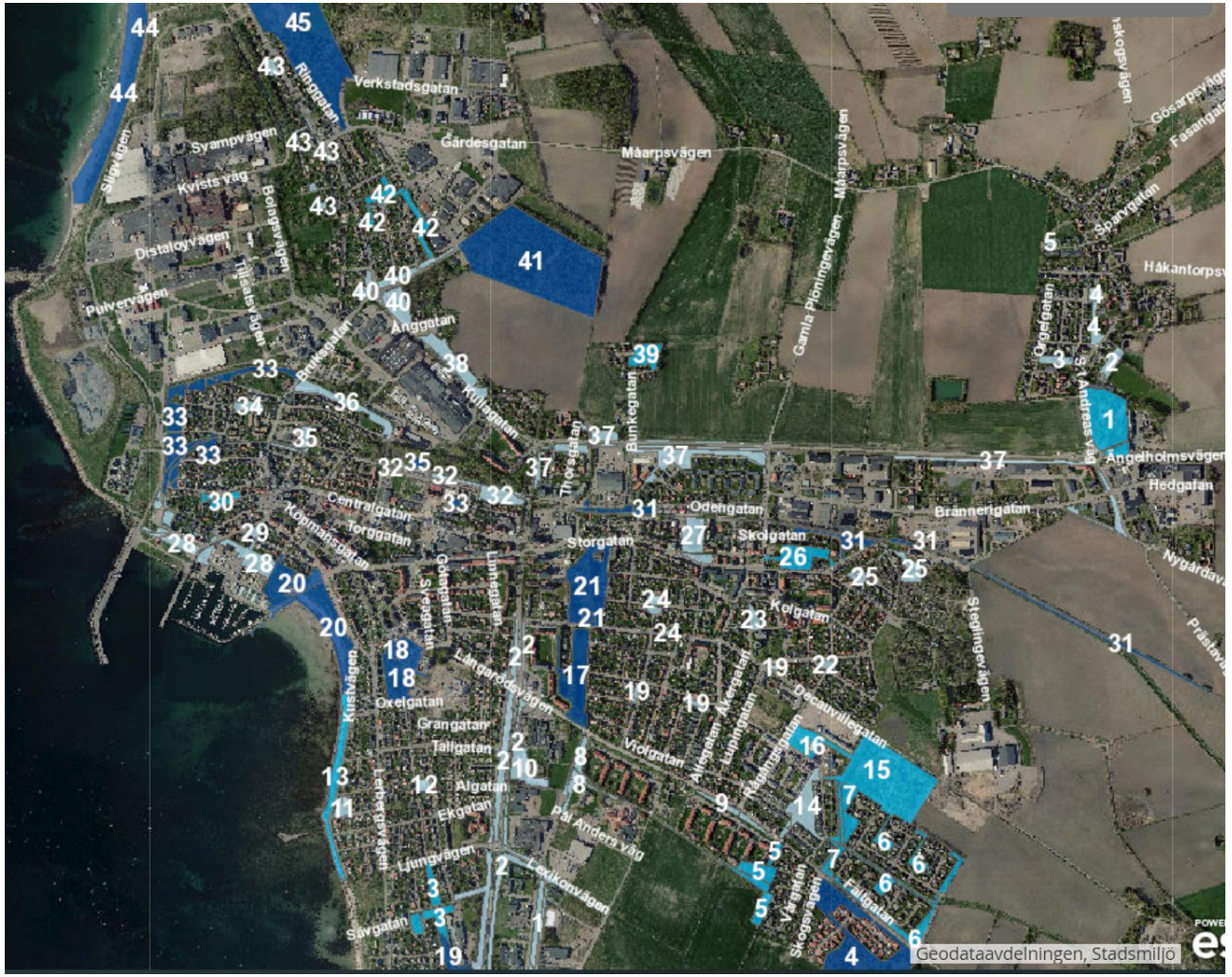
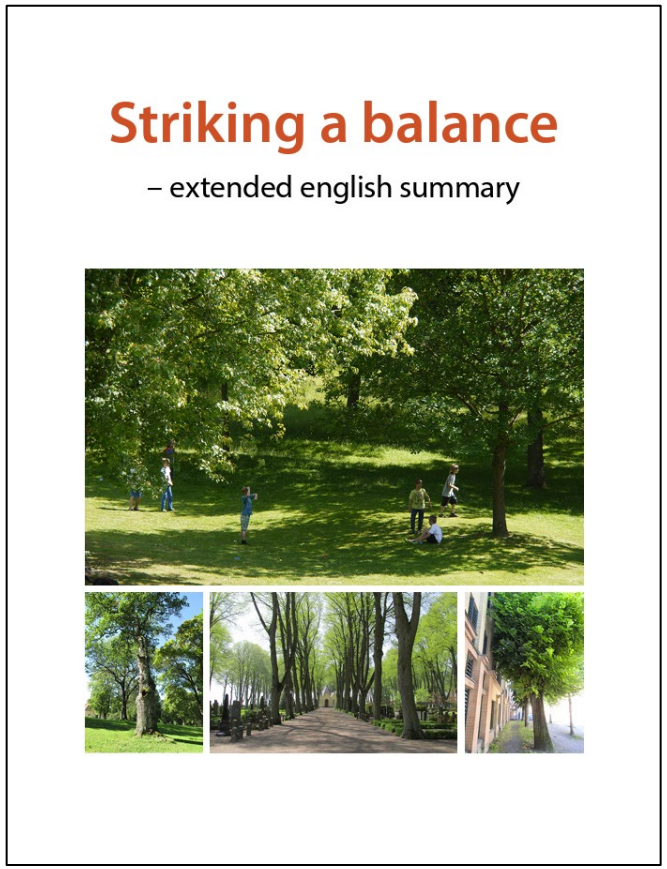
Entré - Malmö | APCOA
Fusion Curry
Indisk
Systembolaget
Nya kapsylparken
Malmö Entré
Köpcentrum
SATS Entré
Filmstaden Entré
O'Learys Malmö Entré
Amerikansk • $$
Tekoentreprenad AB
ES Parksmart AB
Lux solarium
Bilitvätt & Service
Pleasure Nails
Skatteverket
Pilgatan
Fredsgatan
Fredsgatan
Pleasure Food Japan
Japanskt
Lundavägen
Lundavägen
Möplglas

Classification from biological and social perspectives

- **High** – dark blue
- **Medium** – Blue
- **Low** – light blue





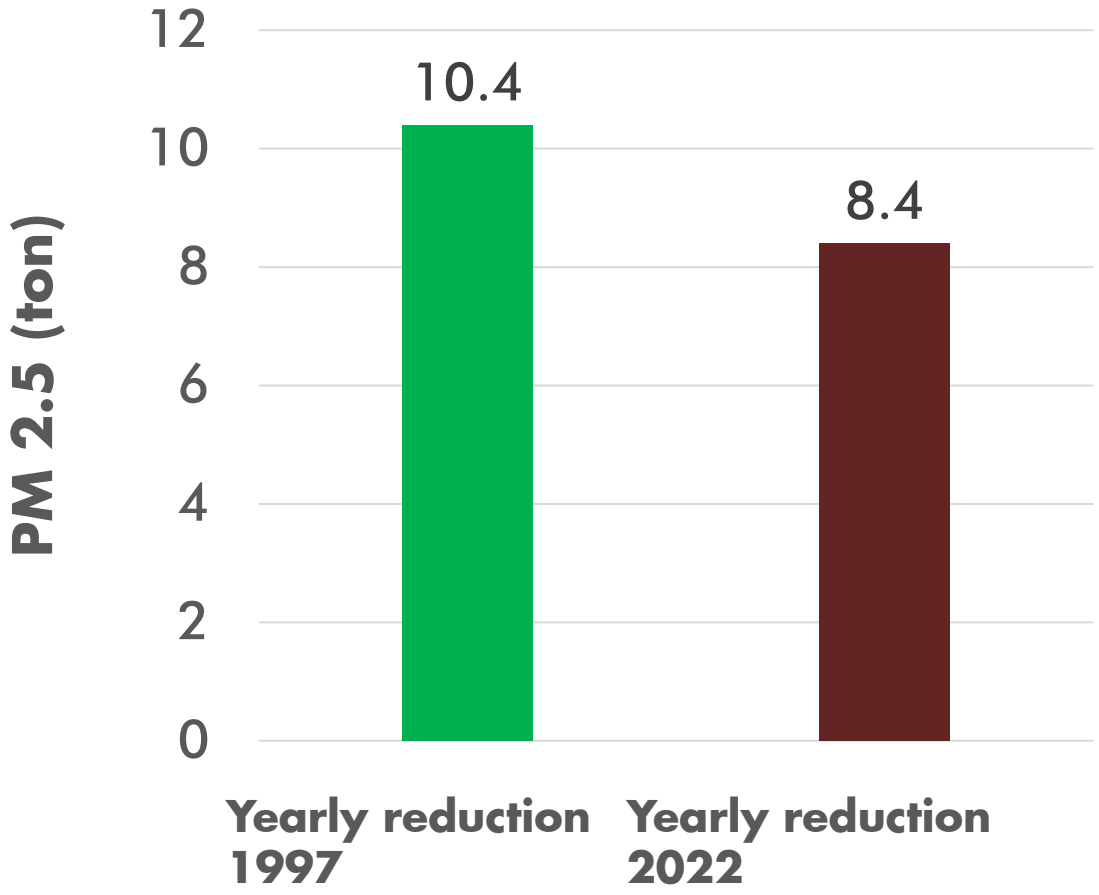
http://www.raa.se/app/uploads/2022/12/Fria-eller-f%C3%A4lla-Bilaga-4.pdf

30 (%)

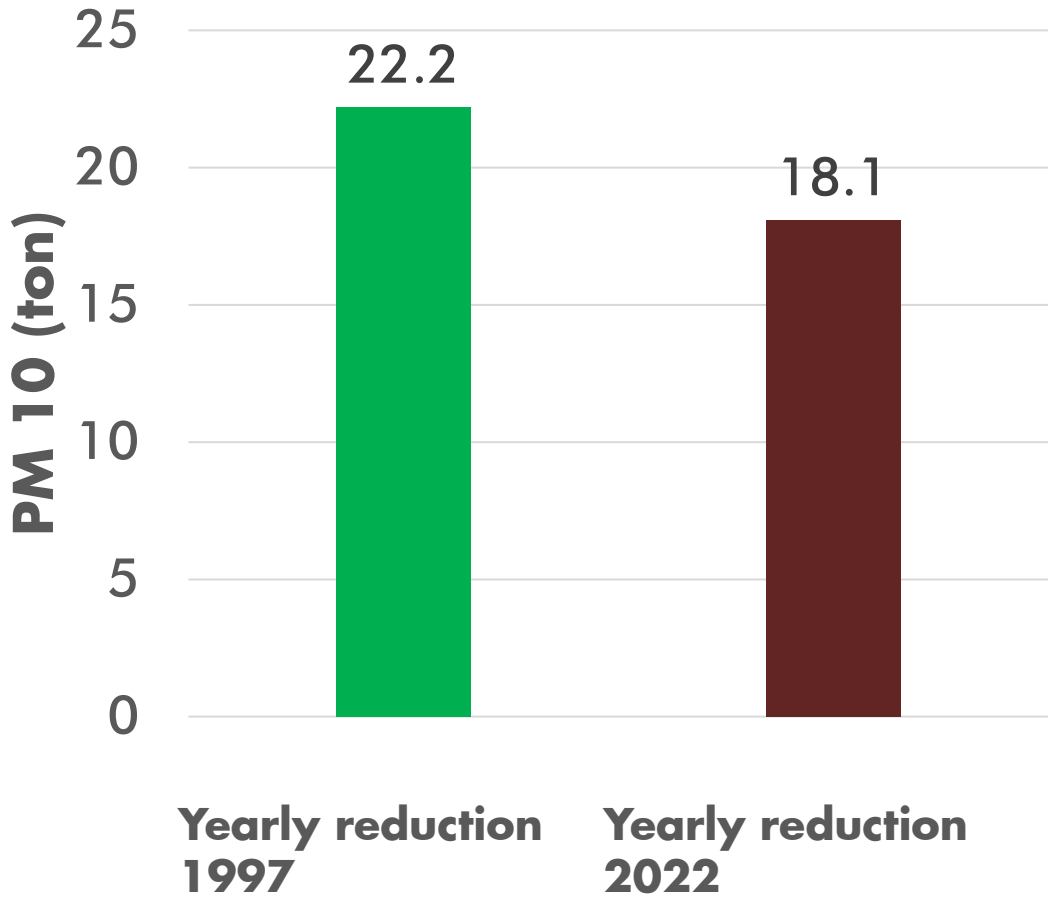
Tree crown cover in Skåne

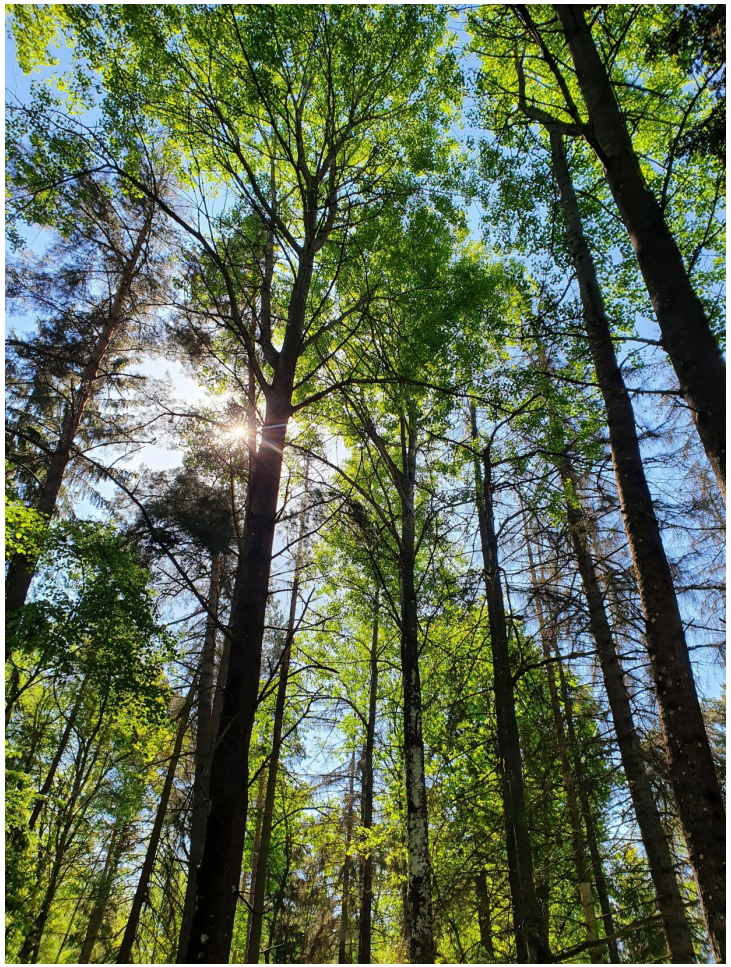
City	Canopy cover
Helsingborg	12,1
Hässleholm	12,9
Kristianstad	8,4
Landskrona	8,4
Lund	12,1
Malmö	7,9
Trelleborg	5,8
Ystad	12,0
Ängelholm	14,4

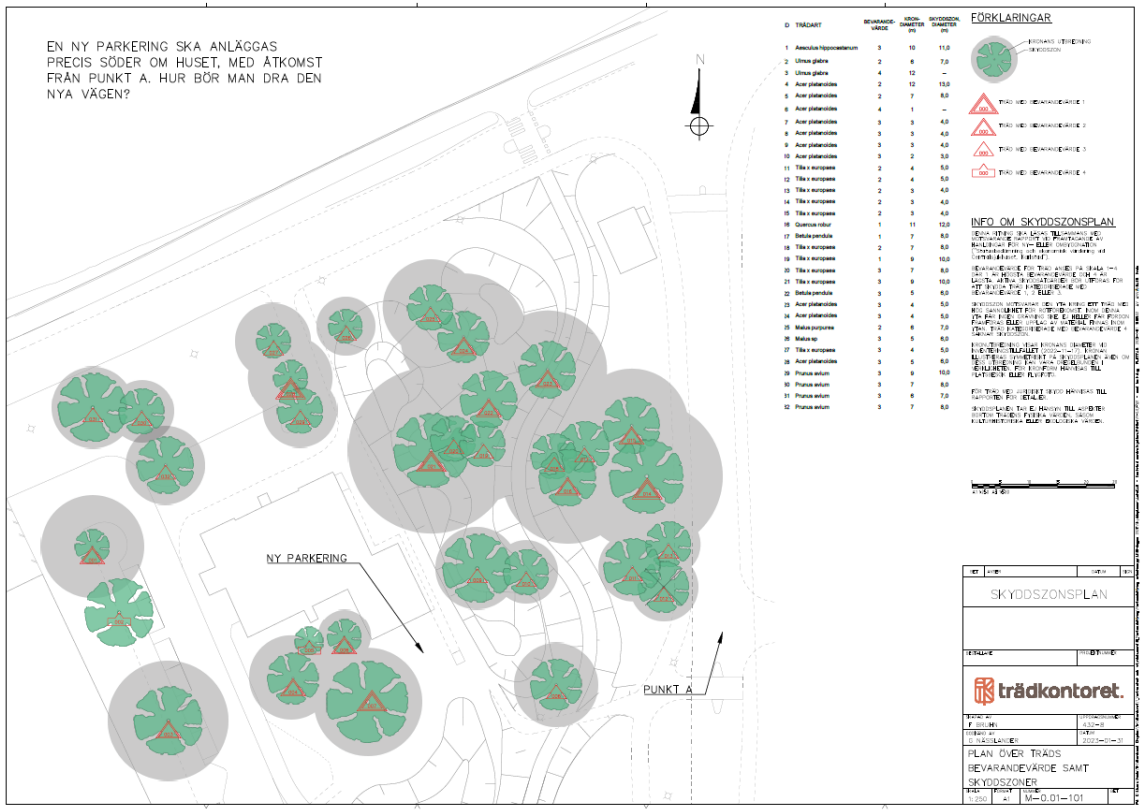
Reduction of PM2.5 (ton)

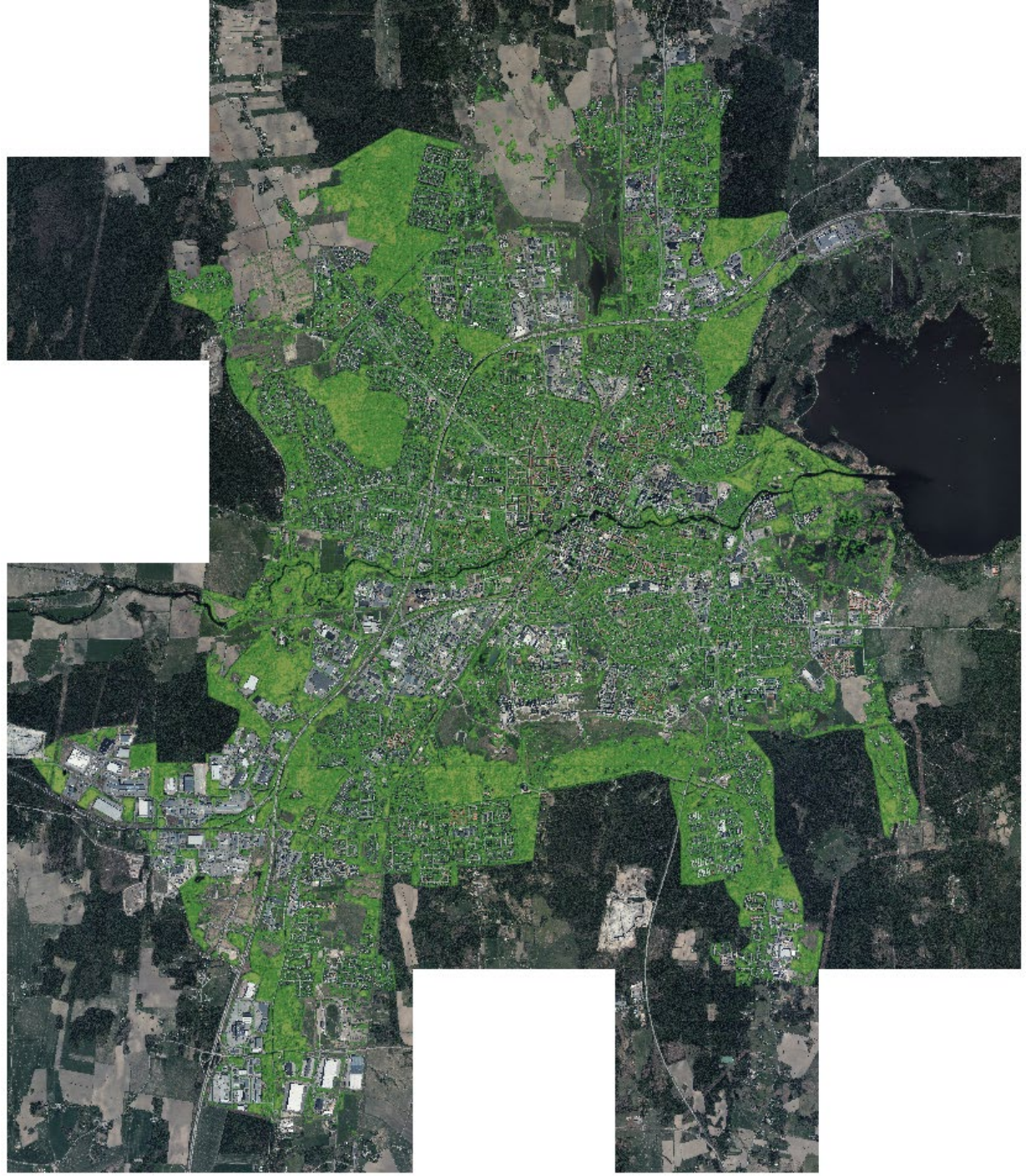


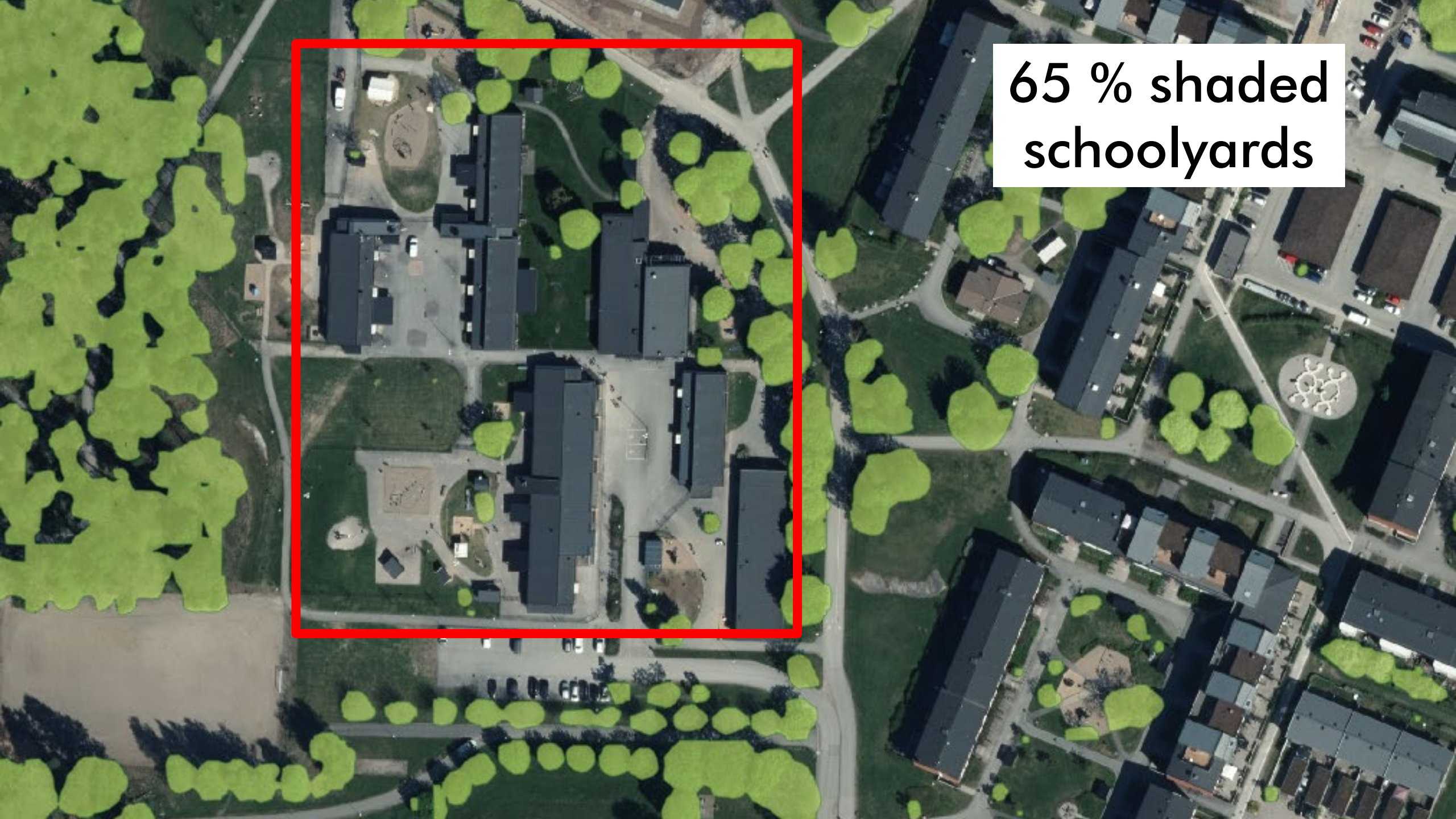
Reduction of PM10 (ton)



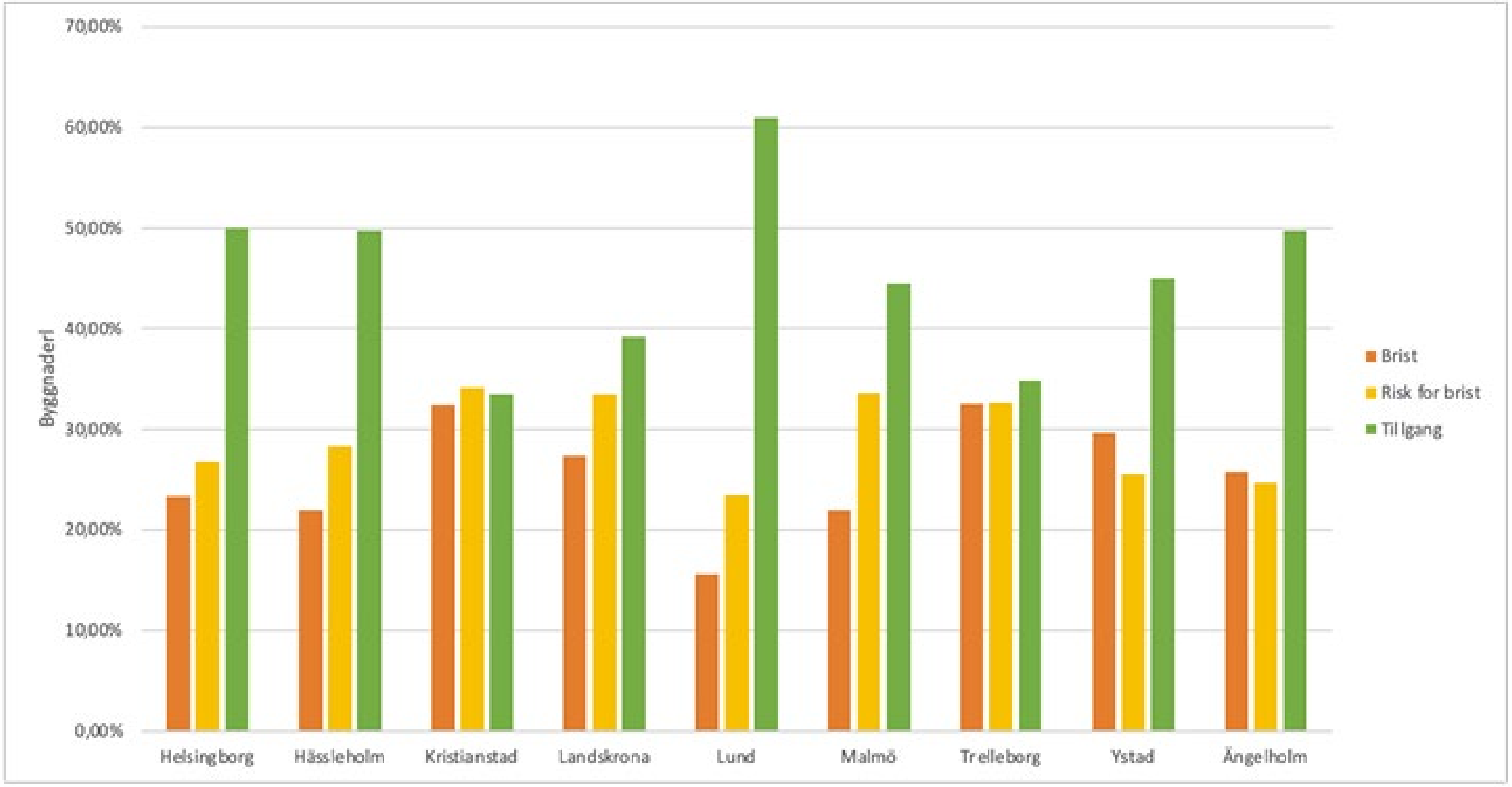



EN NY PARKERING SKA ANLÄGGAS PRECIS SÖDER OM HUSET, MED ÅTKOMST FRÅN PUNKT A. HUR BÖR MAN DRA DEN NYA VÄGEN?
N
NY PARKERING
PUNKT A
FÖRKLARINGAR
INFO OM SKYDDSZONSPLAN
SKYDDSZONSPLAN
trädkontoret.
PLAN ÖVER TRÄDS BEVARANDEVÄRDE SAMT SKYDDSZONER
M-0.01-101




65 % shaded
schoolyards

3 (No.)


70,00%
60,00%
50,00%
40,00%
30,00%
20,00%
10,00%
0,00%
Byggnader
Helsingborg
Hässleholm
Kristianstad
Landskrona
Lund
Malmö
Trelleborg
Ystad
Ängelholm
Brist
Risk för brist
Tillgång

ISKANDER

SXG 813

NEWS AIR POLLUTION

100,000 New Trees for Copenhagen

By State of Green | info@stateofgreen.com
18 SEPTEMBER 2015

https://stateofgreen.com/en/news/100000-new-trees-for-copenhagen/

3 Billion Trees Pledge

Under the European Green Deal, the EU biodiversity strategy for 2030 commits to planting at least **3 billion additional trees** in the EU by 2030 in full respect of ecological principles.

Report your planted trees via our web app **MapMyTree**

The MapMyTree counter was launched on 9 December 2021. It counts new trees that comply with the criteria of the 3 Billion Trees Pledge, since the adoption of the EU biodiversity strategy in May 2020.

The accompanying map provides different options to view where trees have been planted across the EU. View planted trees by country, or zoom in on specific regions by selecting the NUTS1 to NUTS3 options. Select the NUTS3 option to view participating organisations. The different shades of green represent the density of trees in the respective geographical areas, i.e. darker shades indicate a higher average tree density per square kilometer of land area.

For more detailed information on the tree planting progress, visit:

Forest Information System for Europe

https://environment.ec.europa.eu/strategy/biodiversity-strategy-2030/3-billion-trees_en

"More than 637 000 have died within tree years of being planted…"

We've lost an entire forest after National Highways made a blunder on the A14

Comment

Jordan King
Tuesday 21 Mar 2023 4:48 pm

Share 141 SHARES

All that is left alongside the carriageway are rows of plastic tree protection tubes (Picture: SWNS)

More than 637,000 trees have died within three years of being planted because of a huge National Highways blunder, it has been revealed.

https://metro.co.uk/2023/03/21/more-than-600000-trees-die-on-a14-after-national-highways-blunder-18478444/

Why We Should Care About Greenwasting Just as Much as Greenwashing

By Johan Östberg, Cecil Konijnendijk, and Gustav Näsländer

Greenwashing refers to disinformation disseminated by an organization so as to present an environmentally responsible public image. In a time of increasing focus on environmental issues, greenwashing has caused a lot of concern, as it takes significant focus and resources away from environmental efforts that make a real difference. In this article, we introduce a complementary concept, namely that of *greenwasting*, which describes failed green initiatives by companies or organizations that are otherwise regarded as green.

Without the right planning and care, tree planting initiatives risk being just greenwasting.

As the effects of climate change, including the increasing effects of urban heat islands, and its negative impact on human health get more attention, large climate-action initiatives have become widespread. The planting of trees is often an important component of these initiatives, as illustrated by programs such as the One Million Trees planting campaign in New York City and the World Bank's one billion tree planting campaign. But climate action with a tree- and green-space focus comes in many forms, including green streets initiatives, carbon neutral parks, and green infrastructure for stormwater regulation.

At the same time, the challenge of greenwashing is gaining more attention, as large companies and sometimes even governments are using green initiatives to convey to the public that they are environmentally sound, even though their actions often lack real impact when it comes to reducing the negative environmental consequences of their activities. The term does, however, only include the actions taken by companies and organizations that need to "wash" themselves green, thereby implying that their core actions have inherent negative impacts on the environment, for example through contributions to greenhouse gas emissions, either directly or indirectly.

We argue that the time has come for a broader perspective and a critical look at environmental initiatives that often emerge from good intentions and are presented to the public as environmentally sound and meaningful. A tree planting campaign being organized by, for example, an NGO (non-governmental organization), a government agency, or a housing company can seldom be regarded as greenwashing, since their actions are not focused on providing a 'green veil' over their harmful core activities. However, several studies have shown that quite a few of these initiatives and campaigns do not deliver on their promises and stated goals. In the recent article *The Darker Side of Tree-Planting Pledges* (published in *Bloomberg*'s Europe Edition), several failed tree planting campaigns were described. One example is the tree planting initiative in Copenhagen, where 100,000 trees were planted, but "six years later, many of the saplings have

https://www.isa-arbor.com/Publications/Arborist-News

How to counteract greenwasting?

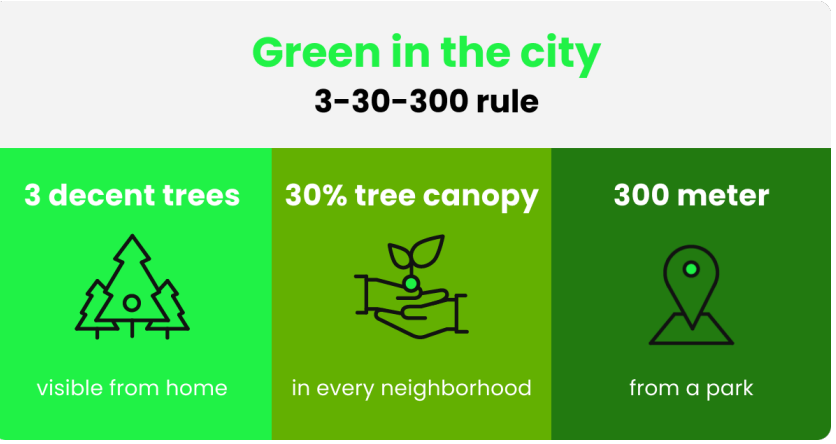
- The funds/investment must cover **all aspects**:
  - Planning
  - Implementation
  - Establishment
  - Aftercare
- Don't focus on the number of trees planted, focus on achieving **goals**
- Have a clear systematic process

3-30-300 rule

The rule requires that every citizen should be able to see at least

- 3 from their home, have
- 30 percent tree canopy cover in their neighborhood and not live more than
- 300 m away from the nearest park or green space.

https://nbsi.eu/the-3-30-300-rule/

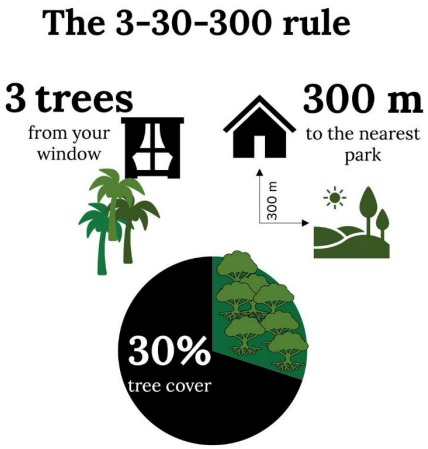

Green in the city
3-30-300 rule
3 decent trees
visible from home
30% tree canopy
in every neighborhood
300 meter
from a park

the 3-30-300 rule:
3 trees from your window
30% tree cover
300m to nearest park

S3E1
The 3-30-300 Rule for Healthier and Greener Cities
Dr. Nadi_na Galle
internet_ of _nature
PODCAST
Cecil Konijnendijk
Nature Based Solutions Institute

3
decent-sized trees
300
metres from the nearest green space
30%
tree canopy cover

3 TREES FROM EVERY HOME
30% TREE CANOPY COVER IN EVERY NEIGHBOURHOOD
300m FROM THE NEAREST PARK OR GREEN SPACE


The 3-30-300 rule
3 trees
from your window
300 m
to the nearest park
300 m
30%
tree cover

Thank you

Johan Östberg | NBSI

johan@ nbsi.eu

Food and Agriculture Organization of the United Nations

Arbor Day Foundation

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ISA International Society of Arboriculture

Smithsonian

CEUs

Session 2.5: The Fundamentals of Caring: Developing urban forests and green spaces accessible to all regardless of gender, age, physical ability, etc.

PP-23-3566

World Forum on Urban Forests