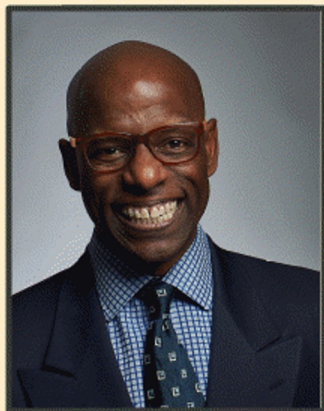


People-Powered Community Forests



PRESENTED BY:

Amos White

Founder & Chief Planting Officer
100K Trees for Humanity





100K Trees for Humanity

People-Powered Community Forests

Urban Greenbelt Initiative

*A Community Driven
Workforce Development, Public Health,
Tree Planting, Climate Initiative.*

For ACT Day, Chicago 2024



100K TREES FOR HUMANITY

A FORESTRY INITIATIVE



Amos White

Founder & Chief Planting Officer

- CALFIRE Urban Forestry Advisory Cmte Member - CUFAC
- Alameda County Ag Advisory Cmte, Urban Ag Chair
- The Jefferson Awards, recipient 2023
- Grist 50 Fixer
- TEDx Speaker



California
urban forests council EST. 1982



100K Trees for Humanity is...

*A community organizing
strategy for resilience to
accelerate carbon sequestration
by connecting people to the
planet one tree at a time.*

Community Driven



This is *Our* Problem



A Climate in Crisis

- Elevated CO2 levels
- Extreme Heat Days
- Massive forest tree losses
- Wildfires Smoke Emergencies
- Increasing Extreme weather events




100K TREES
FOR HUMANITY
A FORESTRY INITIATIVE



Fl

Urban Neighborhoods Dirty Air

Mobile asthma clinic for our children



The Science

Says we've got 5 years...



Image: IPCC via Twitter @IPCC_CH



To cool the planet by **2030!**

“Unless there are immediate, rapid, and large-scale reductions in greenhouse gas emissions, limiting warming to 1.5°C will be beyond reach.”

--Ko Barrett, IPCC Co-Vice Chair & Senior Advisor for Climate, NOAA Office of Atmospheric Research



- More tree canopy
- Cooler communities
- Capture CO2
- Cleaner air
- Restore natural habitat
- Restore the climate

Planting Trees is Our Solution



Our Goal



100K Trees

1 tree per capita resident

- Plant trees & plants equitably in our parks & communities
- Promote urban farming
- Co-develop Living Shorelines
- Increase native new bees
- Install living moss walls
- Educate impacted youths
- Create more jobs

Trees for Public Health



Environmental Justice for Our Communities

Heat stroke is Eden Area's #1 public health threat.¹

Half of Oakland's street trees, 29,000 are missing.²

6000 trees are missing in City of Alameda.⁴

1. Alameda County Dept. Public Health. 2. COO City Tree Inventory Master Plan Update
3. Alameda County Dept. Public Health. 4. Alameda Climate Action and Resiliency Plan

Environmental Justice Centered



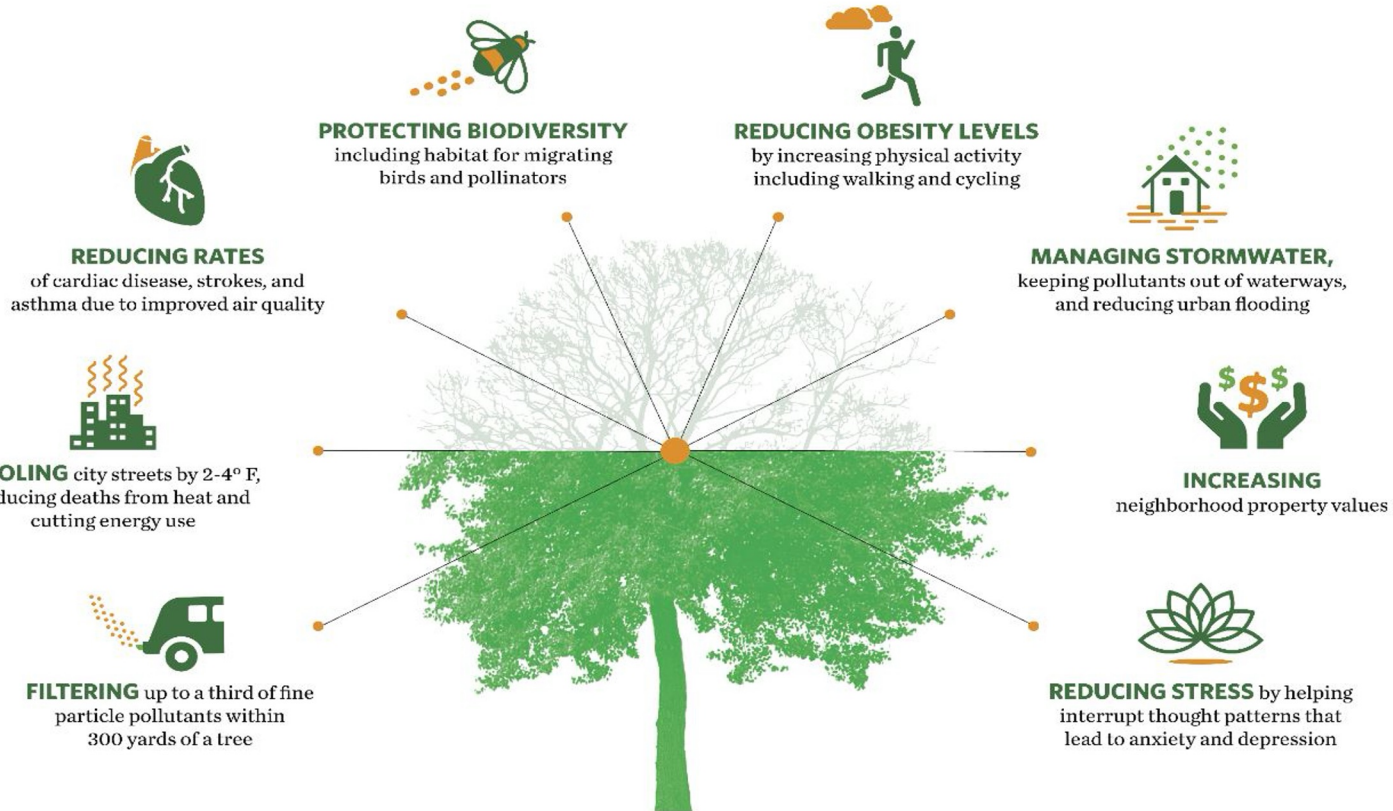
EJ is civil and human rights.

We believe that we must fight for our rights to clean air, clean water and to nature by centering the environment within the intersection of racial justice and social justice.

~100K Trees EJ Credo

Benefits of Urban Trees

Research has linked the presence of urban trees to...



Improving Public Health

With Quick Future Returns



**"For every \$1 spent
on a street tree
that tree returns on average,
\$5.82 in benefits."**

In 4 to 6 years!

-- U.S. Forest Service & Univ. of CA at Davis, June 2016



As Green Assets



California's 9M Street Trees

- Generate Annually -

- \$10 million in carbon storage
- \$18 million in removing air pollutants
- \$41.5 million in catching rainfall
- \$101 million in energy savings
- \$839 million in boosting property values

-- U.S. Forest Service's Pacific Southwest Research Station,
"Structure, function and value of street trees in California, USA,"
16 April 2016"

For Public Health Returns



Each 100K Trees Generate
\$11.2M in Annual Revenues!

Ecosystem Services	100K Trees (annual revenues)	8 yr Total ROI (by 2030)
Carbon sequestration	\$111,000	\$888,000
Air filtration & purification	\$199,800	\$1,598,400
Catching rainfall	\$460,650	\$3,685,200
Energy savings	\$1,111,000	\$8,888,000
Property values	\$9,312,900	\$74,503,200
Total Benefits ROI	\$11.2M	\$89.6M

Image: Pexels Hannah Nelson

--USDA Forest Service, 2016 with Kaiser Permanente
Image: Pexels David Ball

Our Plan

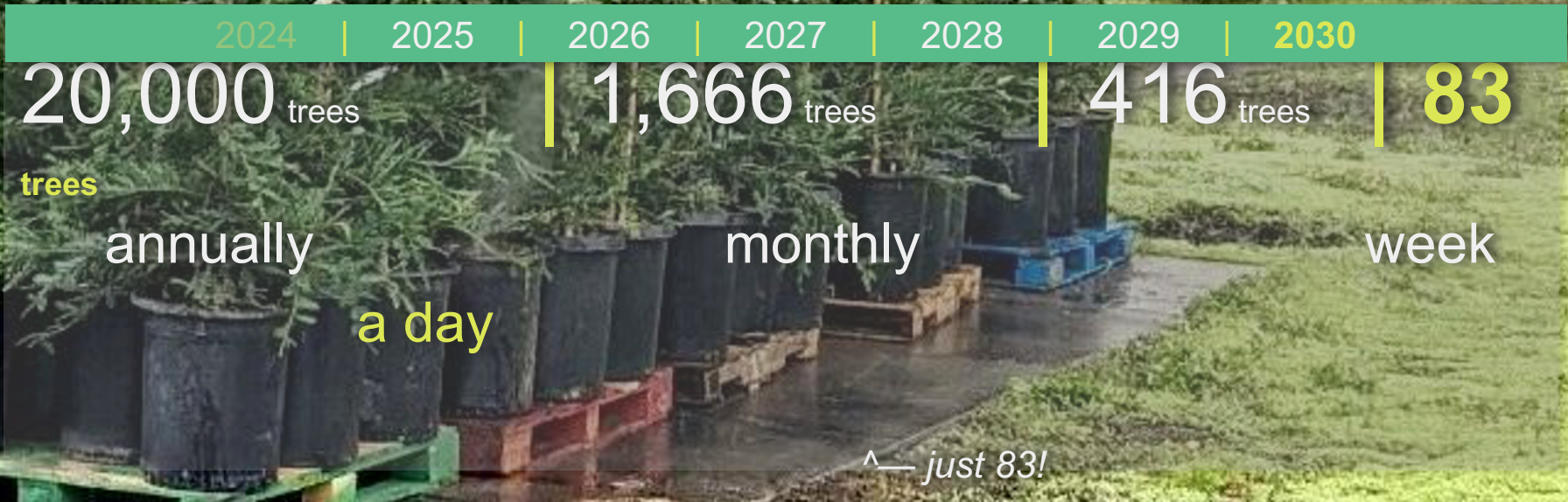


Urban Greenbelt Initiative

- * **Planting 1 New Tree per Capita Resident**
- * **Freeway and Traffic Corridor Adjacent Communities**
- * **Good Paying Jobs Linked to Future Workforce Careers**
- * **Linking Tree Funding to Public Health Goals**

Planting 100K Trees

By 2030



Community Driven

Planting Local Trees & Urban Gardens



80 trees in 2 hours



By forty-two California Berkeley Haas School of Business faculty and staff volunteers.



How We Get There

Workforce Development



Hire

Local Residents

Train

Provide On-the-Job-Training

-urban forestry, hydrology, biology, horticulture & food sciences.

Workforce Development (WD)

-Pathways to careers linked to Community Colleges.

Connect

Pathways to High Road Regenerative Economy Jobs

-Labor union pre-apprenticeships & journeyman training.



**Putting boots on the ground
to get roots in the ground!**

Planting Trees in Impacted Communities

Hands-on School Greening

For Curriculum Needs



School Nurseries

Growing trees from seed, for experiential, hands-on learning: biology, climate education, land stewardship

School Gardens

Growing fresh food and trees for biology, climate education and land stewardship.

Schoolyard Greening

Increases shade and greenery to reduce heat, discomfort, stress and trauma, for increased health, attentiveness and grades.



With Community Maintenance



Training Neighbors to...

- Plant trees at home
- Water & care for 2 years
- Maintain trees as property owner
- Get Stewardship training



For Data Driven: Equity



- Planting frontline communities first!
- Hiring from impacted neighborhoods!
- BIPOC led, community based!

For High Road Green Jobs



Building Green Infrastructure

- Planting **Street Trees**
- Green **Transit** Corridors
- Green **Rooftop** Gardens
- Treed **Building Construction**
- Living Green Walls
- Moss Walls

Image Via Verde Mexico

Local Partners & Friends



100K Trees Partners



Building on Existing Policies



Start Your Team!



Planting Trees for Climate, Equity & Health



THANK YOU

Amos White

amos@100KTrees4Humanity.com

www.100KTrees4Humanity.com

Get Started!



1. Form or support a local Community Tree Board
2. Commit to Plant & Grow Trees for Climate, Equity, & Health
3. Choose a Planting Date
4. Organize Your Community & Resources.

INVITE PASSIONATE PEOPLE!

- * Kids, Students & Parents
- * Schools Teachers & PTAs
- * Local Gardeners & Growers
- * Scouts & Youth Groups
- * Architects and Planners
- * Environmental & Sustainability folks
- * Biodiversity & Wildlife groups
- * Creeks & Waterways groups
- * Architectural Preservation Clubs
- * Faith Groups & Coalitions
- * Bike and Walk Groups
- * Sierra Club & Outdoor Groups

Let's Grow!

People Powered Community Forests



Help plant 100K Trees for Humanity!

- **Adopt** the Urban Greenbelt Initiative
- **Partner** with us to support the UGI
- **Organize** your local tree planting community to plant trees!
- **Sponsor** planting more trees or a microforest in your city!

www.100KTrees4Humanity.com