

CALIFORNIA
ReLeaf



2024
Network Retreat
MAY 10TH | LOS ANGELES



Advocacy Update

Victoria Vasquez

Grants & Public Policy Manager

CALIFORNIA
ReLeaf **2024**
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Advocacy Update



California Climate Goals



Treecoverry Grant



Climate Bond



Paint Your Shovel

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California Climate Goals

California Natural Resources Agency

- April 2024 - Nature Based Climate Targets (AB 1757)
- Fall 2024 Climate Smart Strategy ((EO) N-82-20)

California State Water Resources Control Board

- 2024 - Make Conservation a CA Way of Life - (AB 1668) (SB 606)

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California Climate Goals



4.2 Million Trees by 2045

Additional Targets	2030	2038	2045
Urban and Community Greening and Forestry (trees planted/year) <ul style="list-style-type: none">Increase large canopied, drought-tolerant trees meaningful to the community; prioritize communities with low tree canopy	200K	200K	200K

California Climate Goals



4.2 Million Trees by 2045

Method

Developed lands make up 7 million acres in California, 15 percent of which is under tree canopy cover, which equals 1.05 million acres of tree canopy cover.

AB 2251 (2022, Calderon) mandates a 10 percent increase in tree canopy cover in urban areas by 2035. This would equate to increasing urban tree canopy cover by a total of 105,000 acres, which requires 10,500 acres per year to 2035.

This is then continued to 2045. If 50 percent of this increase comes from newly planted areas, this would require 5,250 acres of tree planting per year.

Tree densities in California average 32.7 trees per acre and thus, equates to planting approximately 200,000 trees per year.

This is new planting and does not account for maintenance planting in existing treed areas, which makes up the vast majority of planting.

California Climate Goals



CAL FIRE

- Explore partnership opportunities to **increase access to a broader variety of urban tree/plant species** that are climate smart and locally adapted.
- Explore **adopting a no-net-loss canopy policy** for California's urban forests.
- Increase support for **tree seed and seedling production capacity**.
- **Substantially increase public awareness** of tools that help individuals and communities make appropriate, climate-smart planting decisions.

CAL TRANS

- **Increase roadside tree planting.**
- Land Owner Agencies: Increase overall tree canopy on State owned properties under their jurisdiction located within developed lands and **report progress biennially** through Sustainability Roadmaps.

State Water Resources Control Board

- Set and **implement policies** that encourage climate-ready urban landscaping and urban forests.



California Climate Goals

**WATER
CONSERVATION PORTAL**
CONSERVE... IT'S A CALIFORNIA WAY OF LIFE.

(21) A temporary provision for the volume of water associated with planting climate-ready trees (Pr_{trees}) shall be calculated by multiplying the number of newly planted climate-ready trees (N_{trees}) by 0.85, by net reference evapotranspiration (Net ET_0), and by a unit conversion factor of 0.62. This formula is expressed mathematically as follows:

$$Pr_{trees} = N_{trees} \times 0.85 \times Net\ ET_0 \times 0.62$$

(A) A climate-ready tree is a tree that can be reasonably expected to survive is well-adapted to face both present and future climatic challenges such as heat, drought, extreme weather events, and pests within the supplier's service area. Each newly planted climate-ready tree is assumed to occupy 1.0 square foot.

(B) A temporary provision for the volume of water associated with planting climate-ready trees applies for three reporting periods years, starting with the fiscal reporting period year in which the trees were planted.

(23) A temporary provision for the volume of water associated with the establishment of qualifying landscapes (Pr_{land}) as described in paragraph (3)(A), shall be calculated by multiplying the square footage of the qualifying landscapes (LA_{land}) by 0.85, by net reference evapotranspiration (Net ET_0), and by a unit conversion factor of 0.62. This formula is expressed mathematically as follows:

California Climate Goals

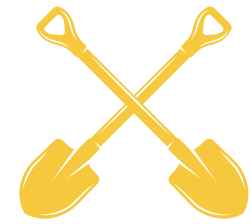
**WATER
CONSERVATION PORTAL**
CONSERVE... IT'S A CALIFORNIA WAY OF LIFE.



Develop the Relationship



Ask Questions



Share Amongst the Network



Request Changes



Advocate



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California Climate Goals



Find your allies who water the trees in your community

Identify the trees in your community that exist in nonfunctional turf

Offer to introduce your Urban Water Retailer to those trees

Meet a nearby Network Member Org and discuss

Offer to help your Urban Water Retailer create their public facing campaign as a named partner





Tree Recovery Grant Environmental Benefits

Number of Projects

19



Total Cost
\$2,239,269.41

Number of Trees
Planted

3,663



Tree Species Planted

145



Urban tree diversity supports richer local ecosystems and the resilience of our urban forests. Planting diverse species that are more suited to drier and warmer conditions is important for urban forest health.

Total CO2 Sequestered

10,949

Metric Tons

Carbon sequestration is the process of removing carbon dioxide from the atmosphere and transforming it via photosynthesis into wood and other tree parts.



Rainwater Intercepted

79,322,110

Gallons

Rainwater is captured on the leaves and branches of the trees, where it can evaporate back into the atmosphere or flow or drip down to the ground reducing runoff.




Air Quality Improved

93,282

lbs air pollutants reduced

Trees capture many dangerous air pollutants on or through their leaves, including nitrogen oxides, smog, volatile organic compounds, sulfur dioxides, and small particulate matter.









CLIMATE ACTION NOW!

This tree provides shade, oxygen and captures tons of greenhouse gases from the atmosphere

Funding for this California Climate Investments grant project has been provided through California ReLeaf and the California Department of Forestry and Fire Protection (CAL FIRE), Urban and Community Forestry Program.

This tree is funded by California ReLeaf's TreeRecovery Grant
A California Climate Investment Project

In partnership with DragonSpunk.org

www.ClimateActionNowCalifornia.org

Climate Bond



\$10 Billion Climate Bond

- Urban Greening (CNRA) *\$150
- Urban Forestry (CalFire) *\$120
- Green Schoolyards (CalFire) *\$200



Advocacy Update

Shine Your Shovel

-  Watch the 2023 Advocacy Learn Over Lunch
-  Register on the California Legislature Position Letter Portal
-  Learn about your local tree policies and ordinances
-  Share your barriers/successes/projects with the Network



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