



**CA Department of Forestry and Fire Protection (CAL FIRE)
Urban and Community Forestry Program
Greenhouse Gas Reduction Fund (GGRF) Grants 2015/2016**



CAL FIRE GGRF Grants 2014/ 2015

- California Forest Improvement Program (CFIP)
- Forest Legacy Program (FLP)
- Reforestation Grant Program
- Fuels Reduction Grant Program
- State Demonstration State Forest Research Grant Program
- Programmatic Timberland Environmental Impact Report Grant Program
- Please see www.fire.ca.gov for information on the above grant programs.
- **Urban and Community Forestry Grants**
 - ❑ Green Trees For The Golden State
 - ❑ Green Innovations
 - ❑ Woods In The Neighborhood
 - ❑ Urban Forest Management Activities
 - ❑ Urban Wood and Biomass Utilization
- http://calfire.ca.gov/resource_mgt/resource_mgt_urbanforestry_grants.php#

Urban Forestry Defined

PRC 4799.09 (Urban Forestry Act Definition)

"Urban forestry" means the cultivation and management of trees and associated vegetation in urban areas for their present and potential contribution to the physiological, sociological, and economic well-being of urban society.

Overview of the Urban and Community Forestry Program

- **Established by the California Urban Forestry Act of 1978. The Act is in the Public Resources Code (PRC 4799.06-4799.12). It is only 3-4 pages long and well worth a read.**
- **Technical assistance and advice – 6 Regional Urban Foresters**
- **Public and professional education**
- **Encouraging research and technical transfer of information.**
- **Public events – Tree City USA**
- **Regional & local advocacy**
- **Fostering partnerships**
- **Connecting people**
- **Grants to further urban forestry efforts.**



Grant Eligibility

- **ASSUMING FUNDS ARE MADE AVAILABLE TO CAL FIRE**
- Projects must reduce GHG emissions and help meet the goals of AB 32. Details are in the RFP documents and the Procedural Guide.
- Grant projects must be in an urban area or urban cluster as defined by the US Census Bureau. See this link: <http://www.census.gov/geo/www/ua/2010urbanruralclass.html>
- Grant projects must be located in a disadvantaged community or be directly serving a disadvantaged community.
 - ❑ Disadvantaged community status will be determined using the CalEnviroScreen 2.0 tool.
 - ❑ See the Procedural Guide for details.
- Cities, counties, districts and 501C(3) non-profit organizations are eligible to apply (unless otherwise stated in RFP).
- Individuals, companies, and federal agencies are not eligible.
- **Concept proposals anticipated due by November 2015.**

CAL FIRE General Project Requirements

- The project must sequester significant amounts of GHG and/or avoid emissions of significant amounts of GHG over a 40 year period and must track this and report it to CAL FIRE.
- We always require best management practices and we provide them to grantees.
- CAL FIRE inspects all projects during the project performance period. Annually is our minimum.
- Projects must provide multiple benefits to the community.
- Projects must strongly consider the current drought in their project design (species selection, irrigation, timing, etc.).
- The project must acknowledge both the funding source, and the funding program in signage, publications, etc.
- The project must comply with all applicable local and county ordinances, and all applicable state and federal laws and regulations.
- Project matching (25%) is required, but can be reduced or waived if some criteria are met.
- **Projects must be completed no later than December 31, 2020.**

Disadvantaged Communities

- **Must be determined by using CalEnviroScreen 2.0 Link: <http://oehha.ca.gov/ej/ces2.html>**
- **The Air Resources Board (ARB) has provided guidance on investing in disadvantaged communities. Link: <http://www.arb.ca.gov/cc/capandtrade/auctionproceeds/workshops/arb-sb-535-interim-guidance-08-22-2014.pdf>**
- **The California Environmental Protection Agency (Cal EPA) has solicited comments on its possible methodologies for using CalEnviroScreen 2.0. They will make a decision by the end of September, and all applicants will follow that methodology to determine if they are a disadvantaged community. <http://www.arb.ca.gov/cc/capandtrade/auctionproceeds/workshops/arb-sb-535-interim-guidance-08-22-2014.pdf>**
- **All of these links are available on the CAL FIRE Urban and Community Forestry Grant funding page.**



Grant Project Types

Green Trees For The Golden State

Green Innovations

Woods In The Neighborhood

Urban Forest Management Activities

Urban Wood and Biomass Utilization

Types of Grant Projects and Their Purposes

- “Green Trees For The Golden State”

- Urban tree planting projects
- \$150,000 -\$750,000 can be requested
- Match of 25% is required. Can be in-kind. Can be waived. See RFP for details.
- Tree establishment care during the grant period is eligible
- Site preparation is eligible
- GHG tracking and reporting costs are eligible
- Up to 10% can be for indirect costs
- Up to 20% of budget can be for education and outreach
- Successful projects may be eligible for 1-2 cycles of post-grant maintenance. See RFP for details.
- Preference will be given to the planting of trees to optimize the multiple benefits of urban forests
- All co-benefits (ecosystem services) must be quantified and reported.
- Tree species selected should show a preference for trees that are large at maturity (more benefits, including GHG). No palms.
- Trees must meet our *“Specifications for Tree Selection, Planting, and Young Tree Care”* which is found in the Procedural Guide.
- CAL FIRE will not fund any invasive species. CAL FIRE will use all available resources to determine if species are invasive.

Types of Grant Projects and Their Purposes

- “Green Innovations”

- Green infrastructure projects (vegetated swales, green roofs, green walls, community gardens, etc.)
- \$200,000 - \$1,500,000 can be requested
- Match of 25% is required. Can be in-kind. Can be waived. See RFP for details.
- Plant establishment care during the grant period is eligible
- Site preparation is eligible
- GHG tracking and reporting costs are eligible
- Up to 10% can be for indirect costs
- Up to 20% of budget can be for education and outreach
- Successful projects may be eligible for 1-2 cycles of post-grant maintenance. See RFP for details.
- Projects must have multiple benefits.
- Any trees planted must meet the same criteria as for “Green Trees For The Golden State” grants.
- All co-benefits (ecosystem services) must be quantified and reported.

Types of Grant Projects and Their Purposes

- “Woods In The Neighborhood”

- Purchase and improve unused neighborhood parcels
- \$200,000 - \$1,500,000 can be requested
- Match of 25% is required. Can be in-kind. Can be waived. See RFP for details.
- Must have a willing seller
- Property to be acquired must be publicly accessible
- CAL FIRE funds the purchase, is not the purchaser
- Must guarantee parcel use for a purpose consistent with the Urban Forestry Act “in perpetuity”.
- Plant establishment care during the grant period is eligible
- Site preparation is eligible
- GHG tracking and reporting costs are eligible
- Up to 10% can be for indirect costs
- Up to 20% of budget can be for education and outreach
- Successful projects may be eligible for 1-2 cycles of post-grant maintenance. See RFP for details.
- Green infrastructure projects must meet requirements of “Green Innovations” grants
- All co-benefits (ecosystem services) must be quantified and reported.

Types of Grant Projects and Their Purposes

- “Urban Forest Management Activities”

- Management activities are: Urban forest management plans, tree or urban forest related policies and ordinances, tree inventories and urban forest mapping and analysis.
- \$150,000 - \$750,000 can be requested
- Match of 25% is required. Can be in-kind. Can be waived. See RFP for details.
- Only cities, counties, and districts are eligible.
- Must have a professional on staff or on contract. See RFP for details.
- Must have an inventory to do a management plan. Can do both as a project.
- Any mapping and analysis must be used to inform policies and regulations at the local level.
- Any management plan funded must be 40-50 year documents with provision for periodic review and be adopted by the governing entity in a manner prescribed by CAL FIRE.
- GHG tracking and reporting costs are eligible
- Up to 10% can be for indirect costs
- Up to 20% of budget can be for education and outreach
- Inventories must follow the “Minimum Data Collection Attributes” in the Procedural guide.
- Studies and research projects alone are not eligible.

Types of Grant Projects and Their Purposes

- “Urban Wood and Biomass Utilization”

- Development and implementation of an Urban Wood or Urban Biomass Utilization project or program. Better utilizing this resource will lead to improved management of urban vegetation. The focus of this program is to utilize the tree for its highest and best use(s) that lead to reductions in GHG emissions.
- \$150,000 - \$500,000 can be requested
- Match of 25% is required. Can be in-kind. Can be waived. See RFP for details.
- GHG tracking and reporting costs are eligible
- Up to 10% can be for indirect costs
- Up to 20% of budget can be for education and outreach
- The wood to be utilized must come from an urban area
- Projects may not remove trees solely for the purpose to utilize them. This must be determined by an ISA Certified Arborist, ASCA Registered Consulting Arborist, CaUFC Certified Urban Forester, or other qualified professional as determined by CAL FIRE.
- Projects must show that the removed trees will be replaced with a tree of similar or increased long term benefits within the grant period. Such trees must meet the Green Trees For The Golden State grant criteria.
- Projects must show how they will continue to operate after the grant period.

Urban Forestry Websites

- http://calfire.ca.gov/resource_mgt/resource_mgt_urbanforestry.php. This is CAL FIRE's Urban and Community Forestry Program page. It has numerous resources and links.
- www.ufej.org - Urban Forest Ecosystems Institute @ Cal Poly San Luis Obispo. Includes on-line tree selection software SelecTree. The site is sponsored by CALFIRE and the USDA Forest Service.
- <http://www.fs.fed.us/psw/programs/uesd/uep/> - the USFS Pacific Southwest Research Station. Lots of free downloads. The site has research publications, presentations, etc.
- <http://depts.washington.edu/hhwb/> - Green Cities: Good Health website. This USFS/ University of Washington web site provides an overview of the scientific evidence of human health and well-being benefits provided by urban forestry and urban greening.
- http://www.isa-arbor.com/education/resources/educ_TreeOrdinanceGuidelines.pdf - Online tree ordinance guideline document. This has evolved from a CAL FIRE publication from 1991.
- <http://www.itreetools.org/> - iTree is a state-of-the-art, peer-reviewed software suite from the USDA Forest Service that provides urban forestry analysis and benefits assessment tools.
- <http://ufmptoolkit.com/index.htm> - Urban Forest Management Plan Toolkit. Helps organizations organize and compose urban forest management plans. The site provides numerous resources in this regard.
- <http://www.laurbanresearchcenter.org/> - Fosters collaboration and generates science, science delivery, technology transfer and communication to sustain the health and diversity of natural urban ecosystems and enhance the quality of life within the urban landscape of the Los Angeles metropolitan region.

More Urban Forestry Websites

- www.treesaregood.com - the International Society of Arboriculture (ISA) public information pages. The ISA Certifies Arborists.
- <http://www.hort.cornell.edu/UHI/> - the Urban Horticulture Institute at Cornell University. This is a good technical information site.
- www.caufc.org - the California Urban Forest Council. The organization advocates for urban forestry. They provide education and training workshops. They certify urban foresters. They have a series of 7 regional urban forest councils.
- www.californiareleaf.org - the California ReLeaf Network. An organization comprised of over 90 non-profits dedicated to urban forestry throughout California. This organization advocates for urban forestry.
- <http://www.cfr.washington.edu/research.envmind/> - Research on social aspects of urban forestry.
- <http://lhhl.illinois.edu/about.htm> - research on the social effects of landscape on human health.
- <http://www.greenlaws.lsu.edu/> - a site with compilations of various environmental laws, including ordinances.
- <http://www.fs.usda.gov/ccrc/> - the USDA Forest Service Climate Change Resource Center.

Thank You!

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