



# FULL PROJECT PROPOSAL

## CAL FIRE Urban & Community Forestry Grant Programs

Please fill out this form completely. Be sure to save a copy of this form for your records. Submit two hard copies and one electronic copy on CD or Flash Drive (will not be returned) of your application and all supporting materials to the Regional Urban Forester for your area via U.S. Mail. Keep a copy for your records.

**Name of Organization** California Urban Forests Council

**Project Title** Climate Trees Map extension

**Project Type** Urban Forest/Urban Greening Education

**Requested Grant \$** \$39,900.00

**Matching \$** \$13,000.00

**Total Project \$** \$52,900.00

**Primary Source of Technical Advice**

Other (will require explanation)

Explanation (if required): Urban forestry consultant

Professional's First Name Kelaine

Professional's Last Name Ravdin

**1. Applicant information** - Eligible applicants include cities, counties, qualifying districts, or nonprofit organizations qualified under section 501(c)(3) of the Internal Revenue Code.

**Type of Organization** 501(c)(3) nonprofit

**Primary Project Contact** Nancy Hughes, Executive Director

First Name Nancy

Last Name Hughes

Email njhughes@caufc.org

Phone Number (415) 479-8733

Address 1 PO Box 823

Address 2

City Novato

County Marin

State California

Zip Code 94948

Notes:

**Secondary Project Contact**

First Name Kelaine

Last Name Ravdin

Email kelaine@urban-ecos.com

Phone Number (415) 309-8939

Address 1 180 McGraw Pl

Address 2

City Seattle

County King

State Washington

Zip Code 98109

Notes:

**2. Location information** - List the communities served by the project. Include all cities and counties or list as statewide.

This project will serve communities throughout California.

**3. Partner information** - List any partners or co-sponsors

**Name of Organization 1**

First Name

Last Name

Partner Contact Title

Email

Phone Number

Comments

**Name of Organization 2**

First Name

Last Name

Partner Contact Title

Email

Phone Number

Comments

List Any Additional  
Partner Organizations

**4. Narrative** - Describe the project by answering the questions below. Please be thorough, but concise with your answers. You should refer to the grant guidelines document, grant program Request For Proposals (RFP), and the CA Urban Forestry Act (Public Resources Code Sections 4799.06 - 4799.12) for guidance on parts 4A - 4E.

**A. Background and Rationale** - What is the situation, condition, or problem to be addressed by the project?

Tens of thousands of trees are being planted in cities across California using Climate Initiative Funds. These projects speak to the great value of urban forests in combating climate change while providing a vast amount of ecosystem services to the people of California. But this work is not well-documented or advertised, leaving California residents, politicians, and policy makers with little information on this valuable program. Relatedly, many of the grant recipients lack the ability to present their programs to policy makers and constituents owing to lack of technical experience.

This project will address these shortcomings by continuing to fund a public map of all CALFIRE-sponsored trees planted with Climate Initiative Funds. We believe that the ability to demonstrate the great number of trees planted with Climate Investments funds and their many benefits is an excellent way to argue in favor of continued funding at the state level.

**B. Project Objective -** What are the objectives of the proposed project?

This project will continue to support a public-facing map that presents all CAL FIRE-sponsored urban trees funded by Climate Initiative funds. The map will:

- Show all trees planted since the 2014-2015 grant round.
- Show the GHG and other environmental benefits of the trees.
- Allow viewers to search by species, grantee, location, and other characteristics.

We've had a good response to the existing Climate Trees Map including from ARB itself, who wrote "I am so impressed! This is such a great tool to display tree plantings and their many benefits."

**C. Scope of Work -** Describe the approach to be used, the design (methods), and implementation of the project. Include who will be involved with specific tasks and justify why the approach, methods and implementation is the most effective way to accomplish the objectives. Include a description of project sign contents and their locations. *(continued on next page)*

The current version of the map is an instance of OpenTreeMap. It is most likely that we will continue with this subscription, but owing to increasing costs and reduced service by the hosting company, Azavea, we will begin our work by exploring other options. Much has changed in the 12 years since the first urban forest map project was developed, and advances in cloud software have opened new opportunities.

In either case, all trees reported to and approved by ARB to date will be included in the map. New trees will be added to the Map each quarter as they are approved.

We will reach out to all CAL FIRE grantees to make sure that they are aware of the Map and to provide them with information on how to use the Map, present the results of their projects, and connect with their constituents.

**C. Scope of Work** - Continued from previous page

This section is currently blank, intended for the continuation of the Scope of Work from the previous page.

**D. Project Timeline** - Provide a project timeline. Do not list specific dates or months due to uncertainty in when projects may begin. Plan on projects of 24-30 month duration.

Winter 2020: Finalize details of map itself and ensure all current trees are presented.  
Quarterly thereafter: Enter details of new trees as they are received from ARB.

**E. Tree Information (if applicable)** - Provide the following information about any trees to be planted as part of the grant project. Include information even if the trees are not to be funded by **CAL FIRE**.

**Species List** - Provide a list of the tree species for this grant project. Include common name, Genus, and species. Include the approximate number of each species to be used. List minimum planting site size for each species.

N/A

Total number of trees to be planted by project

0

Total number of trees to be funded by CAL FIRE

0

Number over 30 ft. height at maturity

0

## 5. Budget Information

**A. Budget Detail** - Provide a specific budget for work to be done. The budget should be based on bid quotes and/or estimates from vendors or on actual costs that will be incurred by the grantee. The line items listed should be specific enough to adequately describe project expenses. **Use the Excel format provided for your budget.** You should note that applicants, if successful in being awarded a grant, will have to follow this budget and will only have the opportunity for minor budget adjustments. The total amount of the project can not be changed later.

**B. Vendor List** - List the vendors that have provided you quotes or estimates for this project.

Azavea, sponsors of OpenTreeMap.  
Amigocloud  
CartoDB

**C. Explanation of Budget and Costs** - Describe the basis for the budget amounts listed above. Applicants will be expected to adhere to this budget (*Continued on next page*).

The budget includes funding for the OpenTreeMap subscription at approximately \$3000 per year. This amount supports up to 25,000 trees. Additional trees are included at \$440/year for each additional 5,000. Based on conversations with CAL FIRE, we anticipate as many as 100,000 trees total in the next several years, so funding has been included to accommodate these, with the assumption that approx. 25,000 will be added each year.

The budget also includes funding for approximately 170 hours of labor each year by Urban Ecos to enter tree data into the Map and to assist with publicizing the project. Finally, \$900 is included each year for administration by CAUFC.

We anticipate 25% in matching funds, coming partially from Urban Ecos in the form of reduced labor costs offered to nonprofits and matching CCI funds from CAUFC related to the data being presented.



**6. Other Project Work** - List any other related activities conducted in the proposed project area over the past 3 years. These may be projects conducted by other organizations. Include any contributions of the applying organization to these projects. Include partners and sponsors of the projects, if known. Projects listed should include an explanation of how they relate to the proposed project.

CAUFC and Urban Ecos partnered to develop the first version of the Climate Trees Map, and Urban Ecos was the project lead in developing the initial map prototype: the San Francisco Urban Forest Map.

**7. Certifications & Forms-** The following certifications must be filled out and signed by the appropriate person.

**A. Certification of Party Responsible For Maintenance (if trees to be planted or cared for in project)**

I, Appropriate representative

certify that the Appropriate agency

will provide or be responsible for 100% of the maintenance for a minimum of 3 years after the end of the grant period in accordance with ANSI A-300 tree care standards, the accompanying ISA Best Management Practices document and the standards outlined in the grant agreement and/or grant attachments with the California Department of Forestry and Fire Protection.

Signature (pen)  Date

Title  Phone Number

**B. Statement of Compliance With All Applicable Laws (all projects must fill out and sign)**

I, Appropriate representative

certify that the Appropriate agency

will abide by all applicable federal, state, and local laws, ordinances, regulations and policies in carrying out this State bond-funded project. Failure to do so will lead to cancellation of the grant award.

Signature (pen)  Date

Title  Phone Number



**C. Recycling Certification (all projects must fill out and sign) - This certification applies to all state contracts and, to the extent feasible, all federally funded contracts.**

Contractor certifies under penalty of perjury that percent  of the minimum, if not exact, percentage of recycled content, both post consumer waste and secondary waste as defined in the Public Contract Code, Sections 12616 and 12200, in materials, goods, or supplies offered or products used in performance of this Agreement, regardless of whether the product meets the required recycled product percentages defined in the Public Contract Code, Sections 12161 and 12200. Contractor may certify that the product contains zero recycled content. (PCC 10233, 10308.5, 10354)

Signature (pen)  Date   
Title  Phone Number

**D. Checklist of Necessary Forms To Be Completed.**

- CAL FIRE Urban Forestry Program Environmental Checklist
- State of California Non-Discrimination Compliance (Std. 19)
- State of California Payee Data Record (Std. 204)
- State of California Drug-Free Workplace Certification (Std. 21)
- Governing Body Resolution (must follow sample format)
- 5-10 representative site photos - if applicable
- Representative project area map w/ sign locations shown
- Letters of participation from listed partners
- Project sign schematic (including CAL FIRE logo)
- Urban Forestry Project Budget
- Proof of disadvantaged or severely disadvantaged community status as defined in the Urban Forestry Act of 1978 (if applicable)
- Other:
- Other:

**SIGNATURE: The authorized primary project contact for the applying organization must sign below. This must be the person, or person holding the position, that is mentioned in the required governing body resolution, and the same person or position signing all of the other required forms. The signature indicates that, to the best of the signer's knowledge, all of the information provided in this application and all attached required forms and documents is accurate and correct. The signer additionally acknowledges that they have read and understand the grant program RFP and the Procedural Guide common to all of the CAL FIRE Urban & Community Forestry grant programs.**

Signature (pen)   
Printed Name   
Title  Date

**Thank you for your application. Please save a copy and print a copy of the application for your records. Submit the application and all supporting materials (2 hard copies, one electronic copy) to your CAL FIRE Regional Urban Forester. You should receive a confirmation of receipt from your Regional Urban Forester. To save a copy, please select the file menu and select "save as" or "save a copy as" from the list of options. You will be prompted about how to proceed saving the file.**



**Urban & Community Forestry Program**

Urban and Community Forestry Program  
Budget Proposal

GRANTEE NAME

Budget Item	Description	Cost Basis	CAL FIRE Grant Share	Grantee Match	Total
A. Salaries and Wages	CAUFC administration		2,700.00		2,700.00
			2,700.00		2,700.00
B. Employee Benefits			-	-	-
			-	-	-
			-	-	-
C. Contractual	Urban Ecos, labor	prior experience	15,000.00	2,000.00	17,000.00
			15,000.00		15,000.00
D. Travel			-	-	-
			-	-	-
			-	-	-
E. Supplies	Base map, OpenTreeMap, 3 years Additional trees	Estimated costs by Azavea Estimated costs by Azavea	22,200.00		22,200.00
			9,000.00		9,000.00
			13,200.00		13,200.00
F. Equipment			-	-	-
			-	-	-
G. Other	Matching funds from existing CCI projects		-	11,000.00	11,000.00
				10000	10,000.00
<b>TOTAL DIRECT COSTS</b>			<b>39,900.00</b>	<b>13,000.00</b>	<b>52,900.00</b>
<b>INDIRECT COSTS</b>			-	-	-
<b>TOTAL PROJECT COSTS</b>			<b>39,900.00</b>	<b>13,000.00</b>	<b>52,900.00</b>
<b>LESS Program Income</b>			-	-	-
<b>TOTAL GRANT PROPOSED COSTS</b>			<b>39,900.00</b>	<b>13,000.00</b>	<b>52,900.00</b>
			<b>75%</b>	<b>25%</b>	<b>100%</b>