

TCS PROJECT TRACKER USER GUIDE

TABLE OF CONTENTS

<u>PURPOSE</u>	2
<u>USING THE TCS TRACKER</u>	2-4
<i>Setting up an Account</i>	2-4
<i>Selecting Project Type to Add</i>	4
<u>DETAILED INSTRUCTIONS FOR SUBMITTING A PROJECT</u>	5-13
<i>Basics</i>	5
<i>Custom Attributes</i>	5
<i>Spatial Information</i>	5-6
<i>Simple Location</i>	5-6
<i>Detailed Location</i>	6
<i>Organizations</i>	6
<i>Contacts</i>	6-7
<i>Bulk Set Spatial Information</i>	7-8
<i>Accomplishments</i>	8-9
<i>Expected Accomplishments</i>	8
<i>Reported Accomplishments</i>	9
<i>Financials</i>	9-11
<i>Budget</i>	9-10
<i>Reported Expenditures</i>	10-11
<i>Classifications</i>	11-12
<i>Additional Data</i>	12-13
<i>Photos</i>	12
<i>Attachments & Notes</i>	13
<u>APPENDIX A: PERFORMANCE MEASURES</u>	14-20

Purpose

The purpose of this User's Guide is to provide Tahoe-Central Sierra regional partners and project funders with instructions for adding projects to the Tahoe-Central Sierra Project Tracker (TCS Tracker).

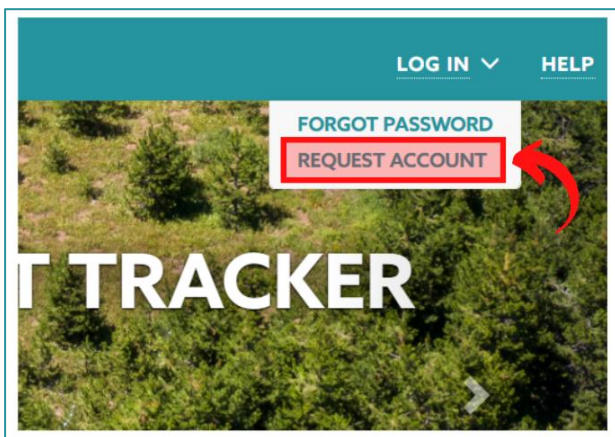
Using the TCS Project Tracker

Setting up an Account

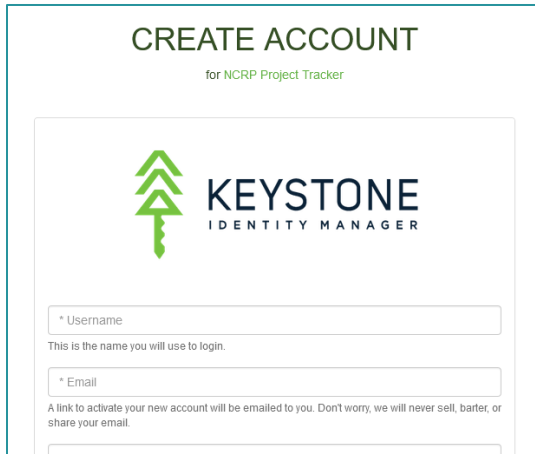
This is a two-step process: 1) create an account on the Keystone Identity Manager; 2) obtain permission from TCSI staff to upload a project. NOTE: This process only needs to be completed once.

STEP 1

1. Navigate to the [Project Tracker home page](#).
2. At the right side of the banner at the top of the page, click "Log In."
3. Click the "Request Account" link under the "Login" menu.



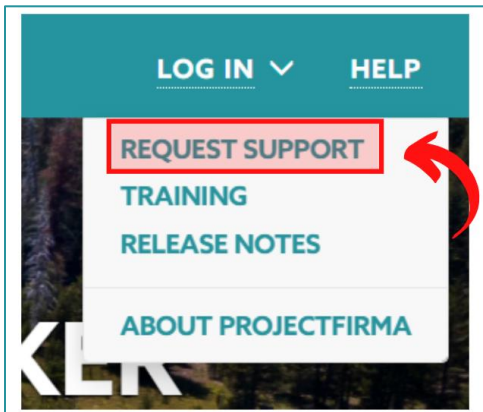
4. On the next page, fill out the information and click the "Create Account" button. Project Implementors who are adding projects on behalf of an organization or entity must choose "Associated with an Organization" and select the organization from the drop-down menu. If the organization is not listed, please check the "Request a new organization" box and enter the name of the organization to be added.



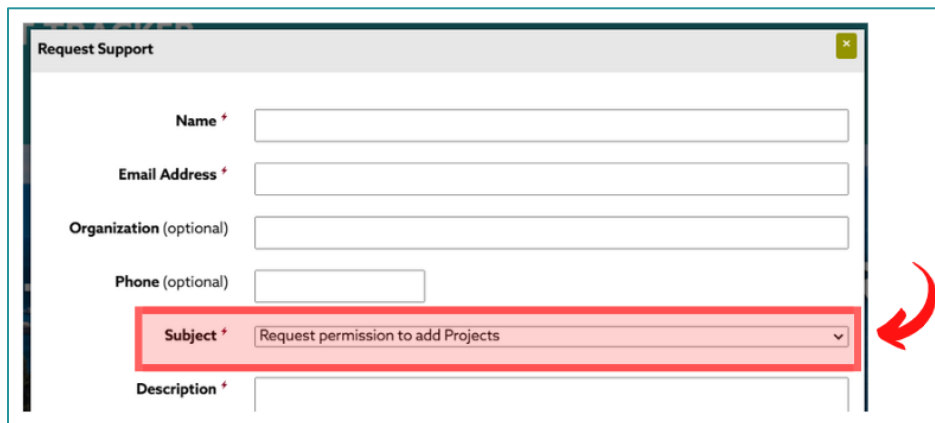
5. An email will be sent that allows the system to verify the email address. Respond to the email as instructed to finalize the account.

STEP 2

1. Navigate to the [Project Tracker home page](#).
2. At the right side of the banner at the top of the page, click “Help.”
3. Click the “Request Support” link.



4. Select “Request Permission to Add Projects” as the subject line.

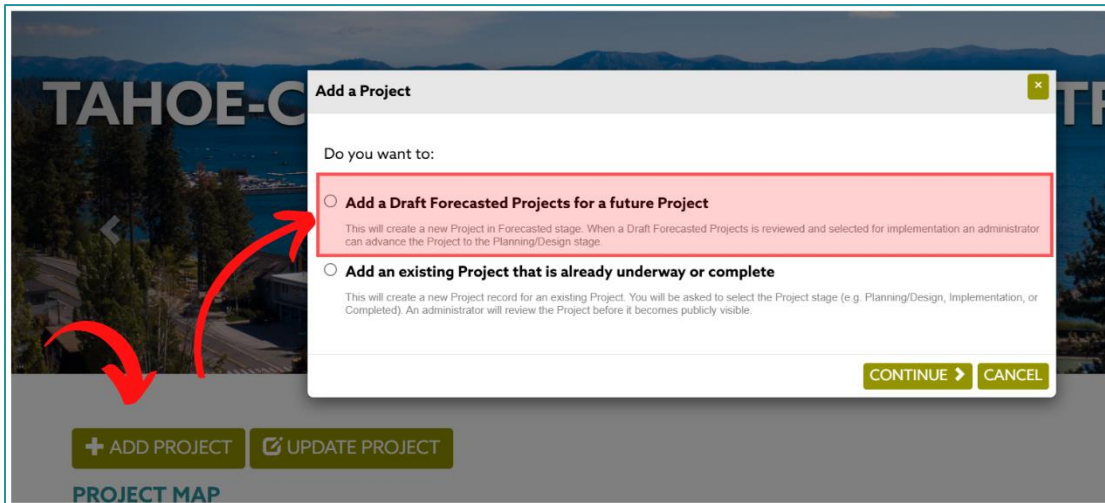


5. Provide a brief description of the request.
6. Within 24 hours, a site administrator will grant the relevant site permissions or contact you for further information.

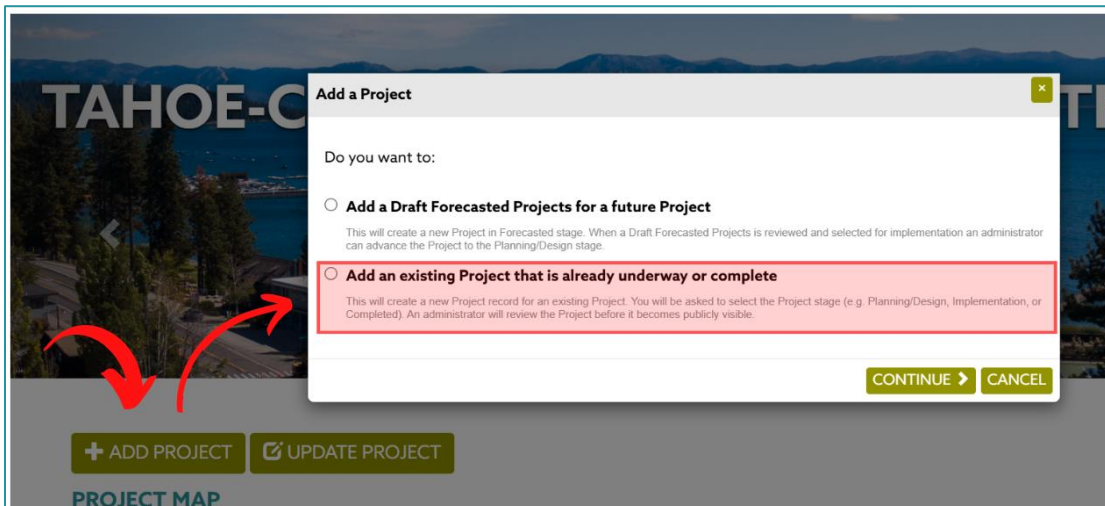
Selecting Project Type to Add:

There are two types of projects that can be added to the tracker. First, determine which project type applies to ensure the workflow aligns with your project’s data input.

1. **Forecasted Projects:** These projects are in the **preplanning stage**, typically **1–10 years ahead of the current year**. They are in the **early conceptual phase** and have not yet entered formal planning, design, or implementation stages. (e.g., Planning/Design Year: 2028, Implementation Year: 2035).
2. **Existing or Completed Projects:** These projects are either **in progress** or have already been completed but may also still be in the **planning or design stage**. They have already moved beyond preplanning and are actively being worked on or are in a stage of implementation. (e.g., Planning/Design Year: 2018, Implementation Year: 2025).



1.



2.

Detailed Instructions for Filling Out the Add Project Form

BASICS

1. **External ID.** This is used by the site administrator to connect and live-integrate projects already visible in the Lake Tahoe EIP Project Tracker (Lake Tahoe Environmental Improvement Program Tracker).
2. **Primary Strategy.** Use the drop-down menu to select the primary TCS Strategy that the project addresses. Strategies are the third level of the TCS Project Tracker's Taxonomy, under Focus Area and Goals.
3. **Secondary Strategies.** Use the drop-down menu to select all additional TCS Strategies that apply to the project by adding them as "Secondary Strategy". To do this, select a strategy and click the "Add" button to add it to the list. Add additional secondary strategies in the same way until all relevant strategies have been included.
4. **Project Name.** Each Project must have a unique name, so if the project has multiple phases; include the phase number or name at the end of the project's name to make it unique.
5. **Project Description.** The description should briefly describe the project. The character limit is 700.
6. **Planning/Design Start Year.** Use the drop-down menu to select the anticipated (or existing) start year for planning or design for the project - this is a required field, so make a best guess if you don't know for sure.
7. **Implementation Start Year.** Use the drop-down menu to select an anticipated (or existing) project implementation start year - this is a required field, so make a best guess if you don't know for sure.
8. **Completion Year.** Use the drop-down menu to select the year implementation is anticipated to be completed, if known. If unknown, leave blank.

CUSTOM ATTRIBUTES

The custom attributes are fields created specifically to track data relevant to the Tahoe-Central Sierra Initiative, such as project status, environmental metrics, or stakeholder involvement.

1. **Footprint acres.** These represent the approximate total acres of the project area. (Note: These are not the acres of work completed, just the overall project area.)

SPATIAL INFORMATION

SIMPLE LOCATION

1. **How do you want to specify your simple project location?** This "Simple" information is used to indicate the general location of the Project within the region. Enter the Project's approximate location by selecting a point on the map or entering the latitude and longitude.
 - a. **Plot a point on the map.** If you want to use the mapping function to specify a point on the map, click on the "Plot a point on the map" button.
 - b. **Enter lat/lng coordinates.** If you want to enter a latitude and longitude, click the "Enter lat/lng coordinates" button.
 - c. **No location.** If the project does not have a specific location, click the "No location" button and provide a brief explanation of the location information in the Notes field.
 - d. **Location Privacy.** Check the box to hide the project's location from most Project Tracker users. The Location will remain visible to reviewers.

DETAILED LOCATION

The project's implementation area can be added by either uploading a GIS file or by drawing a polygon on the map. Note that the implementation area is the area where work will be completed, but not the full area affected by the project. **The two options for adding a detailed location:**

1. **Uploading a KML/KMZ file of the polygon to the site**
2. **Hand drawing the polygon on the site**

ORGANIZATIONS

1. **Lead Implementor.** The Lead Implementor is the organization responsible for applying for and managing project funding. In the case of an existing project, this is the entity that oversaw the project's execution and implementation. Select the Lead Implementor from the drop-down list. If the organization isn't listed, use the Help feature at the top right to request an Administrator add it.
2. **Funder.** The Funder is the entity or organization providing financial support for the project. This could be a government body, grant organization, or private entity. Select the Funder from the list of available options. Click the "Add" button to add each funder to your list. If the funder isn't listed, use the Help feature at the top right to request an Administrator add it.
3. **Partner.** Use the drop-down list to select any organizations, collaborators, or stakeholders that will or did serve as partner(s) or in an advisory role on the project, if applicable. Click the "Add" button to add each organization to your list. If you make a mistake, you can remove an organization by clicking on the "trash

can” to the left of its name. If a partner organization is not listed, add them as “Other Partners” in the field below.

4. **Other Partners:** This category is for any organization(s) who are involved in the project but do not fall under the specified "Partner" category. These could include informal collaborators, additional stakeholders, or other types of contributors who play a role in the project.

CONTACTS

1. **Project Primary Contact:** The individual responsible for reporting the project's accomplishments and expenditures. This person should be contacted for any questions or clarifications about the project's progress. Typically, this contact is associated with the Lead Implementor organization.
2. **Additional Representative.** Use the drop-down menu to select and “add” the names of additional Project Tracker account members who will assist with submitting updates and managing the project within the Project Tracker system. Users assigned this role will have the ability to start and submit project updates.

BULK SET SPATIAL INFORMATION

This page allows you to quickly sort your project into specific geographical layers important to the region by following these steps:

- Check the box to the right of “Select All” which will check the boxes on all the following attributes.
- Click the **green** button “Set Selected layers from Simple Location.”
- Click "Save" or “Save & Continue” at the bottom right of the screen.

These steps will automatically fill in all the spatial information based on the Simple Location selected in the previous step.

Instructions

- ✓ Overview
- 📍 Spatial Information
- Bulk Set Spatial Information
- 📍 Counties
- 📍 National Forests
- 📍 Watersheds - HUC 10
- 📍 Watersheds - HUC 8
- 📍 WUI Zones
- Accomplishments
- 📍 Financials
- 📍 Classifications
- Additional Data

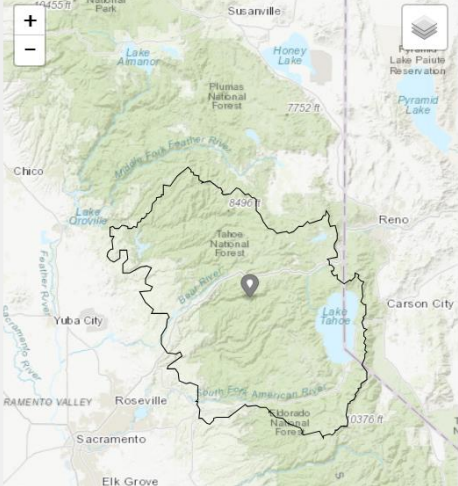
Bulk Set Spatial Information

Use this page to quickly set the geographic relationships for your Project. If needed, you can refine the selection, add additional selections, and add notes on the subsequent pages of the workflow. If everything looks good on this page, you can skip to the Accomplishments.

📍 SET SELECTED LAYERS FROM SIMPLE LOCATION

Select All

County	<input checked="" type="checkbox"/>
National Forest	<input checked="" type="checkbox"/>
Watershed - HUC 10	<input checked="" type="checkbox"/>
Watershed - HUC 8	<input checked="" type="checkbox"/>
WUI Zone	<input checked="" type="checkbox"/>



📍 Simple and/or Detailed Project location (for reference)

For most projects, you do not need to manually select any further spatial information, and you can hit the **green** “Save and Continue” button to move to the next page. If you need to add additional or more precise spatial locations – for example, if your project covers more than one county – please see the following instructions. If you have trouble with this step, an Administrator can assist you.

1. Counties
2. National Forests
3. Watersheds – HUC 10
4. Watersheds – HUC 8
5. WUI Zones

ACCOMPLISHMENTS

EXPECTED ACCOMPLISHMENTS

To enter the project's expected accomplishments for each Performance Measure (e.g., type of treatment being performed), do the following:

- **Add the appropriate Performance Measure:** Click on the drop-down list to scroll through possible options.
- **Select the measure:** Highlight the desired measure and click the green “+Add” button.

page 8 | Tahoe-Central Sierra Initiative | tahoecentralsierra.org

- **Select subcategory options:** Choose any relevant subcategories to provide more detail about the anticipated accomplishment (if applicable).
- **Enter the anticipated accomplishment value:** Provide the expected value, if known.

Please note that there is a comprehensive list of Performance Measures. We encourage you to select those that are most relevant to your project. Administrators may add additional Performance Measures and Values as needed. An appendix, which will include a list of Performance Measures, their definitions, and common usage guidelines, is currently being prepared and will soon be linked to this Guide.

Expected Accomplishments

To enter your Project's anticipated accomplishments:

- Add the appropriate Performance Measures to the list below
- Select Subcategory options for each Performance Measure in order to more accurately describe the anticipated accomplishment
- Enter the anticipated accomplishment value if known

Once a Performance Measure is added, click the ⓘ icon to view reporting guidance on that Performance Measure.

Performance Measure to Add:

+ ADD

ⓘ **Acres of Forest Fuels Reduction Treatment**

	Critical Zone	Treatment Phases	Treatment Type	Value	
🗑️	Recreation Areas ▾	Initial ▾	Broadcast Burning ▾	45	Acre (acres)
🗑️	Recreation Areas ▾	Initial ▾	Hand Thinning ▾	35	Acre (acres)

+ ADD A ROW

If no Performance Measures are included, please explain why:

REPORTED ACCOMPLISHMENTS





For projects in the Implementation stage or beyond: Each year you will report on the accomplishments achieved during that period, following the same process as for Expected Accomplishments. (See example workflow below)

▼ What if my Project has no accomplishments to report?

Performance Measure to Add:

Select a Performance Measure + ADD

Acres of Forest Fuels Reduction Treatment

	Year ⁺	Critical Zone	Treatment Phases	Treatment Type	Value	
	2022 ▼	Recreation Area ▼	Initial ▼	Broadcast Burnin ▼	20	Acre (acres)
	2022 ▼	Recreation Area ▼	Initial ▼	Hand Thinning ▼	10	Acre (acres)
	2023 ▼	Recreation Area ▼	Initial ▼	Broadcast Burnin ▼	25	Acre (acres)
	2023 ▼	Recreation Area ▼	Initial ▼	Hand Thinning ▼	25	Acre (acres)

+ ADD A ROW

SAVE SAVE & CONTINUE >

FINANCIALS

BUDGET

- Does the Project budget vary by year or is it the same?**
- Identify your Project's Funding Sources.** If the project includes funding from other sources, add additional funding sources by selecting them from the drop-down menu and clicking the green "Add" button. If no funding source has been identified, use the default "No Funding Source Identified Yet" line.

Instructions

- ✓ Overview
- ✓ Spatial Information
- ✓ Accomplishments

Financials

- Budget
- Reported Expenditures
- Classifications
- Additional Data

Budget

Enter your Project's total budget by Funding Source and based on whether the funding is Secured Funding or Targeted Funding.

Enter the value of any funding gaps for which you have not identified a Funding Source in the "No Funding Source Identified Yet" row. If you haven't yet identified any Funding Sources, you can skip step 2 and just enter values in the "No Funding Source Identified Yet" row.

1. Does the Project budget vary by year or is it the same?
 Budget varies by year, or it's a one-year project

2. Identify your Project's Funding Sources.
 Select a Funding Source to Add ADD Not listed? [Contact support](#)

3. Enter amount provided by each Funding Source.

Funding Source	2020 - 2030
<div style="display: flex; align-items: center;"> ✖ California Climate Investments (Cal Fire) - ● Secured Funding </div>	\$0.00
<div style="display: flex; align-items: center;"> ✖ California Climate Investments (Cal Fire) - ● Targeted Funding </div>	\$500,000.00
<div style="display: flex; align-items: center;"> ✖ California Department of Forestry and Fire Protection (CAL FIRE) (Cal Fire) - ● Secured Funding </div>	\$79,000.00
<div style="display: flex; align-items: center;"> ✖ California Department of Forestry and Fire Protection (CAL FIRE) (Cal Fire) - ● Targeted Funding </div>	\$85,000.00
<div style="display: flex; align-items: center;"> ● No Funding Source Identified Yet </div>	
<div style="display: flex; align-items: center;"> ● Estimated Total Cost </div>	\$664,000.00

4. Confirm this summary of your Project's Estimated Total Cost

Secured Funding	Targeted Funding	No Funding Source Identified Yet	TOTAL
\$79,000.00	\$585,000.00		\$664,000.00

3. **Enter amount provided by each Funding Source.** “Secured funding” means that the funding has been awarded or received; “Targeted Funding” means that the funding is in the process of being obtained. The system will not let you continue without entering a number in all displayed boxes, so if you do not know, enter 0. If you make a mistake, you can remove a funding source by clicking on the trash can icon to the left of each funding source.

4. **Click “Save and Continue” or “Save”** when you have finished entering budget information.

REPORTED EXPENDITURES

For projects in the Implementation stage or beyond: Each year you will report on the annual expenditures, following a similar process to “Budget” (See example workflow below)

Instructions

- ✓ Overview
- ✓ Spatial Information
- ✓ Accomplishments
- ⓘ Financials
 - Budget
 - Reported Expenditures
 - Classifications
 - Additional Data

Reported Expenditures

Enter your Project's annual expenditures, add the appropriate Funding Sources and then enter the amount contributed by year. If the Project has no expenditures to report in any year provide an explanation.

1. Are there expenditures to enter? Yes No

2. Identify the Project's Funding Sources. You can add more than one.

Select a Funding Source to Add + ADD

3. Enter expenditures for each year and Funding Source.

Funding Source	2020	2021	2022	2023	2024
California Climate Investments (Cal Fire)					
Amount	\$50,000.00	\$0.00	\$45,000.00	\$0.00	\$0.00
California Department of Forestry and Fire Protection (CAL FIRE) (Cal Fire)					
Amount	\$79,000.00	\$15,000.00	\$0.00	\$0.00	\$0.00
Total Expenditures	\$129,000.00	\$15,000.00	\$45,000.00	\$0.00	\$0.00

4. Expenditures Notes (required if no expenditures are entered)

Expenditures notes

CLASSIFICATIONS

Click the checkboxes to associate this Project with one or more Pillars of Resilience. Pillars of Resilience Classifications correspond to the multi-faceted pillars in the [TCSI Framework for Resilience](#). In the box to the right, briefly describe how the project addresses the desired pillar. Please use complete sentences. You must choose at least one Project Type to continue.

Instructions

- ✓ Overview
- ✓ Spatial Information
- ✓ Accomplishments
- ✓ Financials
- ⓘ Classifications
- ⓘ Pillars of Resilience
- Additional Data

Pillars of Resilience

Click the checkboxes below to associate this Project with one or more **Pillars of Resilience**.

Air Quality

This project strengthens air quality resilience by planting trees and installing green roofs to reduce pollution levels in urban areas.

Characters Remaining: 465

Biodiversity Conservation

The project promotes biodiversity conservation by creating protected areas that restore and preserve critical habitats for endangered species such as the Sierra Nevada bighorn sheep, northern spotted owl, and California red-legged frog.

Characters Remaining: 364

Carbon Sequestration

Select the Pillars of Resilience and describe how it applies to the Project.

Carbon sequestration is the process where trees,

ADDITIONAL DATA

PHOTOS

Upload any 'before' photos of the project site documenting the current conditions. Choose a photo to upload and provide the relevant information.

Add New Photo
✕

Image File *

Screenshot 2025-01-24 134404.png

BROWSE ...

Max File Size: 3.8 MB. Allowed Extensions: jpg, jpeg, gif, png

Photo Caption *

Forest before fuels reduction

Be concise yet still descriptive. Thumbnails above will display alphabetically by caption.

Photo Credit *

project sponsor

Photo Timing *

Before

Include in Fact Sheet *

* Required Field

UPLOAD

CANCEL

ATTACHMENTS AND NOTES

Upload any documents or files that support your project. Word format is preferred but pdf is acceptable. To add your attachment, click the **green** “+Add Attachment” button.

1. **Attachment Type.** Choose the Attachment Type that best corresponds to the document you are uploading.
2. **File.** Use the “Browse” button to navigate to your files and choose the document to upload. Select the file and click “Open.” The file name will appear to the right of the “Browse” button.
3. **Display Name.** Type in the name of the file as you want it displayed in the text box to the right.
4. **Description.** Type in a short description of the file in the text box to the right, if necessary.

If you wish to attach additional documents, repeat the process above for each document you wish to attach. If you wish to remove any of the attachments, click on the trash can icon to the left of the Display Name.

To add a Note, click the **green** “+ Add Note” and enter information into the text box; there is an 8,000-character limit. When you are finished, click the green “Save” button. If you wish to delete a note, click on the trash can icon to the left of the note.

EXTERNAL LINKS

Upload any links or files that support your project.

SUBMIT

When completed, press the **green** “SUBMIT”. button on the lower right side of the screen. Your project will be sent to the site administrator for them to review.

APPENDIX A

Performance Measures

01 Forest and Community Resilience & Health				
Performance Measure	Units	Description	Subcategory	Performance measure subcategory name
Acres of Forest Fuels Reduction Treatment	Acres	Area treated to reduce combustible materials (like underbrush) in forests to lower wildfire risk and to improve natural fire regimes.	Treatment Phases	<ul style="list-style-type: none"> Planning Initial Maintenance Completed
			Treatment Type	<ul style="list-style-type: none"> Biomass Removal Chipping Cultural Burning Hand Thinning Helicopter Yarding Mastication Mechanical Thinning Pruning Prescribed/Targeted Grazing Broadcast Burning Jackpot Burning Pile Burning
			Treatment Zone	<ul style="list-style-type: none"> Non-WUI Zone WUI Defense Zone WUI Threat Zone
			Critical Zone	<ul style="list-style-type: none"> Critical Headwater Resources Critical Habitats Recreation Areas
Tons of Biomass Utilized	Tons	Amount of organic material, such as forest residues, agricultural waste, or other plant matter, harvested and converted into renewable energy or other sustainable products.	Type of Biomass	<ul style="list-style-type: none"> Green Tons Bone Dry Tons
Firefighting Capacity Equipment Procurement	Dollar (\$)	Allocation of funds for the purchase of specialized firefighting equipment, such as water tankers, fire retardants, and protective gear, aimed at improving the overall capability to suppress and manage wildfires effectively.	Null	
Acres Treated with Integrated Pest and Disease Management	Acres	Acerage where pest and disease control strategies, including biological,	Pest Type	<ul style="list-style-type: none"> Disease Insects

		chemical, and cultural practices, are applied to maintain plant health.	Response Strategies Preventative Reactionary
			Treatment Type Mechanical Treatment Hand Treatment Pesticide Application Herbicide Application
Households, Businesses, or Critical Infrastructure protected by Hardening Projects	Number (count)	Structures and infrastructure made more resilient to environmental hazards (e.g., wildfires, floods) through physical modifications, such as fire-resistant materials or defensible space creation.	Null
Acres Reforested	Acres	Land replanted with tree species native to the region to restore forest cover, sequester carbon, and rebuild ecosystem resilience following deforestation or land degradation.	Null
Acres of Desired Forest Characteristics	Acres	Development or enhancement of infrastructure such as water and power systems, firefighting infrastructure, recreational, and transportation facilities to support operational, safety, and public needs.	Structure Stand Density Index (% of Historic Max) Fine-Scale Heterogeneity Index
			Fire Dynamics Change in % Departure of Mean Fire Return Interval Condition Class Reduction from High to Med Annual Burn Probability (Pyrologix)
Units of Infrastructure Improved and Inspected for Fire-Safe Practices (Reduction from High to Med Structural Exposure Score (Pyrologix))	Number (count)	Reduction of a building's exposure to wildfire risks through fire-safe modifications, calculated via Pyrologix models that assess the likelihood of structural ignition.	Infrastructure Type Inspected Structure Defensible Spaces Developed Recreation Sites Energy Substations Reservoirs
Miles of Infrastructure Improved and Inspected for Fire-Safe Practices (Reduction from High to Med Structural Exposure Score (Pyrologix))	Miles	Distance of infrastructure that has been enhanced to reduce the exposure and vulnerability to wildfire, based on Pyrologix fire risk models.	Infrastructure Type Inspected Utility Corridors
Units of Infrastructure Improved and Inspected for Fire-Safe Practices (Reduction from High to Med Damage Potential (Pyrologix))	Number (count)	Fire vulnerability reduced for infrastructure through inspections and improvements aimed at minimizing potential damage by wildfires, using Pyrologix predictive models.	Infrastructure Type Inspected Structure Defensible Spaces Developed Recreation Sites Energy Substations
Miles of Infrastructure Improved and Inspected for Fire-Safe Practices (Reduction from High to Med Damage Potential (Pyrologix))	Miles	Distance of fire-prone infrastructure (e.g., roads, buildings) inspected and improved to reduce wildfire damage risk, based on Pyrologix assessments.	Infrastructure Type Inspected Utility Corridors

02 Water Security and Riparian Health

Performance Measure	Units	Description	Subcategory	Performance measure subcategory name
Culverts improved or replaced for Water quality/sediment reduction	Number (count)	Upgrading or replacing drainage structures to enhance hydrological flow, reduce erosion, and decrease sediment	Null	
			Location	Special Flood Hazard Area

		deposition into streams or rivers, improving aquatic habitat quality.		Non-Special Flood Hazard Area
Sediment Load Reduction	Ton (tons)	Quantitative reduction in the amount of eroded soil and other particulate matter entering water bodies, achieved through erosion control measures, riparian restoration, or stormwater management practices.	Sediment Source	Mass Wasting Gully Stream Bank/Riparian Sheet and Rill Erosion Road Channel Incision
Ground Water Supply Improvement	Number (count)	Activities that enhance the quantity and quality of groundwater resources, such as recharge basin creation, aquifer restoration, or reduction of contamination sources.	Project Type	Riparian/Floodplain Restoration Wetland/Meadow Restoration FloodMar/Aquifer Recharge
Miles of Road Treated	Mile	Distance of roads that have undergone treatment (e.g., resurfacing, sediment control) to minimize environmental impact, improve safety, and reduce erosion or pollution runoff.	Treatment Type	Decommissioned Retrofitted
			Road Type	Paved Unpaved
			Location	Special Flood Hazard Area Non-Special Flood Hazard Area
Stream Corridor Restored	Linear foot (LF)	Area of stream or river ecosystems rehabilitated to restore natural hydrology, improve habitat connectivity, and support aquatic biodiversity through bank stabilization, vegetation planting, or barrier removal.	Treatment Type	Bank Stabilization Grade Stabilization LWD Installation Fence Installed Plantings
			Location	Riparian Buffer In-stream; Coldwater ecosystems Special Flood Hazard Area Bank
Acres of SEZ Restored or Enhanced	Acres	Area of Stream Environment Zones (SEZs), including riparian and floodplain habitats, restored or improved to support hydrological processes, water quality, and habitat for aquatic species.	Action Performed	Enhanced Restored
Number of Plants Installed	Number (count)	Number of individual plants introduced into an ecosystem for purposes of restoration, erosion control, or habitat enhancement, often selected for their native species status and ecological benefits.	Null	
Acres of Plants Installed	Acres	Area where native plant species have been intentionally planted to restore vegetation cover, improve soil health, or enhance biodiversity in restoration projects.	Condition	% of Acreage in High Normalized Difference Vegetation Index (NDVI)
Water Conserved or Released	Acre-Foot (acre-feet)	Volume of water either saved through conservation efforts (e.g., efficiency upgrades, drought-tolerant landscaping) or released from storage systems to support ecological flow and habitat health.	Action Performed	Water Storage Facility Forest Thinning Leak Detection Equipment Retrofits

					Irrigation System Upgrade Increased Soil Water Holding Capacity
				Site Type	Municipal Facility Residential Agricultural Wildland/Park/Natural Area

03 Restore & Protect Native Fish and Wildlife					
Performance Measure	Units	Description	Subcategory	Performance measure subcategory name	
Acres Treated for Invasive Species	Acres	Acreage managed to eradicate or control non-native species that outcompete native flora and fauna, disrupt ecological processes, and degrade habitats.	Invasive Species Type	Aquatic	
				Terrestrial	
			Form of Removal	Manual Mechanical Chemical Biological Prescribed Burning	
			Level of Treatment	Initial Treatment Ongoing Management Achieved Control/Eradiation	
Fish Stocked	Number (count)	Introduction of fish species into lakes, rivers, or streams to support population recovery, enhance recreational fishing, or restore ecological balance in degraded aquatic systems.	Purpose of Planting	Recovery Recreation	
Fish Passage Barrier Treatment	Number (count)	Removal or modification of barriers (e.g., dams, culverts) to restore natural stream flow and connectivity, allowing fish and other aquatic species to access critical spawning and feeding habitats.	Barrier Type	Man-made Natural	
			Treatment Type	Creation Mitigation Removal	
Special Status Species Sites Protected or Re-established	Number (count)	Locations where populations of endangered, threatened, or otherwise protected species are conserved or reintroduced, aimed at promoting species recovery and habitat integrity.	Action Performed	Protected Re-established	
Acres of Habitat Restored/Created	Acres	Land where natural ecosystems have been rehabilitated or constructed to reintroduce ecological functions, such as native vegetation replanting, wetland reestablishment, or riparian buffer zone creation.	Action Taken	Created Restored Enhanced	
			Habitat Type	Oak Woodland Aspen Grassland/Prairie Coniferous Forest Deciduous Forest Lake	

				SEZ/Wetland/Fen Wet meadow Stream Bank/Riparian Dry meadow Vernal Pool Other Sensitive Habitat
Acres of Biological Diversity Surveyed	Acres	Area systematically studied to catalog species richness, abundance, and ecosystem health, assessing both flora and fauna diversity.	Surveyed	T&E Species Richness (#species/acre)
Watercraft Inspections for Invasive Species	Number (count)	Number of boats and vessels inspected to prevent the spread of aquatic invasive species, which can disrupt ecosystems, outcompete native species, and damage water resources.	Action Taken	No Decontamination Necessary Watercraft Decontaminated
			Invasive Species Detected	Flora Mussel None Other (Fauna)
ARUs (Acoustic Recording Units) Deployed	Number (count)	Deployment of acoustic devices used to record species-specific vocalizations (e.g., birds, bats, amphibians), facilitating biodiversity assessments and species monitoring.	Null	

04 Reduced Emission and Energy Production

Performance Measure	Units	Description	Subcategory	Performance measure subcategory name
Pounds of Air Pollutants Removed or Avoided by Project	Pounds (lbs)	Amount of pollutants (e.g., particulate matter, NOx) either directly removed from the atmosphere or emissions prevented due to the implementation of conservation or energy-efficient practices.	Pollutant of Concern	Carbon Monoxide (CO) Nitrogen Oxides (NOx) Ozone (O3) Particulate Matter less than 10 Microns (PM10) Particulate Matter less than 2.5 Microns (PM2.5)
Tons of Greenhouse Gases Reduced	Tons	Total volume of carbon dioxide equivalent (CO2e) emissions avoided or mitigated through project interventions, such as renewable energy adoption, carbon sequestration, or energy efficiency improvements.	Type of Mitigation	Avoided Emissions Sequestration

05 Ecological Research and Assessment

Performance Measure	Units	Description	Subcategory	Performance measure subcategory name
Completed Planning Documents	Number (count)	Finalized strategic documents that guide land, resource, and ecosystem management across various sectors.	Plan Type	Community Wildfire Protection Plan Watershed Management Plan Habitat Plan Climate Adaptation Research Plans Forest Management Plan

			Carbon & GHG Reduction Plan Conservation Plan
Community Outreach & Training Events Conducted	Number (count)	Organized sessions aimed at increasing public understanding and involvement in conservation or resource management activities through workshops, training, and participatory events.	Null
Hours of Volunteer & Citizen Science	Number (count)	Total hours invested by volunteers or community members in conducting field data collection, monitoring, or conservation activities, contributing to scientific research and resource management.	Null
NEPA/CEQA-ready Acres	Acres	Acreage for which National Environmental Policy Act (NEPA) or California Environmental Quality Act (CEQA) reviews are complete, allowing projects to proceed with regulatory compliance for environmental protection.	Null
Pounds of Trash Removed	Pounds (lbs)	Total mass of debris and waste materials physically collected and removed from natural environments, such as rivers, forests, or coastal areas, to prevent pollution and habitat degradation.	Null

06 Sustainable Recreation and Natural Resource Stewardship

Performance Measure	Units		Subcategory	Performance measure subcategory name
Facilities Improved & Created	Number (count)	Development or enhancement of infrastructure such as water and power systems, firefighting infrastructure, recreational, and transportation facilities to support operational, safety, and public needs.	Type of Facility	Water & Power Supply, Storage, Operational, and Distribution Facilities Firefighting Infrastructure Unspecified Education and Interpretation Recreation Transit
			Action Performed	Created Unspecified Improved
			Primary Facility Type	Buildings & Grounds Designated Areas Miscellaneous Structures Trails & Paths
Miles of Trails Developed or Improved	Miles	Length of recreational or access trails constructed	Action Performed	Constructed

		or rehabilitated to enhance visitor experience, promote ecological education, or reduce environmental degradation from human activity.	Designated Improved
Acres of Environmentally Sensitive Land Acquired	Acres	Land acquisition targeting areas with critical ecological functions, such as wetlands, riparian zones, or wildlife corridors, to prevent habitat loss and degradation.	Null
Miles of Pedestrian and Bicycle Routes Improved or Constructed	Miles	Distance of non-motorized transportation infrastructure (e.g., paths, bike lanes) built or enhanced to improve public accessibility, safety, and promote sustainable transportation.	Action Performed Constructed Designated Improved
			Path or Route Type Class 1 - Shared Use Path Class 2 - Bike Lane Class 3 - Bike Route Sidewalk
Educational and Interpretive Programs Produced	Number (count)	Scientifically grounded programs are designed to disseminate information about ecosystems, conservation practices, and natural history to the public through interactive and educational formats.	Program Objective Education and Interpretation Technical Assistance
Length of Public Shoreline Added	Linear Feet	Total linear distance of shoreline accessible to the public, created or restored through conservation efforts, enhancing public engagement and protecting coastal habitats.	Null