

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
21-FP-AEU-0049	Georgetown Divide Public Utility District	Walton Lake Facility Vegetation Management Project	El Dorado	\$138,100.00	<p>The Walton Lake Facility is located in Northwestern El Dorado County and is part of the Georgetown Divide Public Utility District (the District). It is located approximately five miles East of the community of Georgetown, to the South of Wentworth Springs Road. The Walton Lake Facility consists of the Walton Lake Water Treatment Plant, Walton Lake raw water impoundment and two water storage tanks. The site encompasses 12.4 acres. The Walton Lake Facility provides treated water to approximately half of the District's 3,700 connections and is part of the larger raw water conveyance system that delivers water to a downstream water treatment plant and seasonal irrigation customers. Properties surrounding the Walton Lake Facility are generally greater than 10-acres and are zoned residential with single family homes. The Walton Lake Facility is located within an area classified as a very high fire hazard severity zone.</p>
21-FP-NEU-0195	Fire Safe Council Nevada County, Inc.	Nevada County Chipping-Green Waste-Firewood Program	Nevada*	\$3,289,241.00	<p>FSCNC (Fire Safe Council of Nevada County) is proposing 3 programs in this grant to mitigate the threat of wildfire to life, property, and the environment: drive by chipping service and green waste drop events which integrate the Senior Firewood Program. These programs will help to</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

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					<p>protect critical community lifelines including Communications, Energy, Public Safety, Transportation, and valuable community centers. Most of Nevada County is rural with multiple tracts of low-income communities. Nearly one third (28.4%) of the Nevada County population is 65 years of age or older; 13.6% higher than the state average according to census data. With the whole community in mind, this project is intended to serve as a model for what a fire-adapted community can look like. To substantively reduce the threat of wildfire losses within the Wildland Urban Interface, this project utilizes the best available science to inform wildfire risk reduction efforts at both the neighborhood and larger landscape levels. December 26, 2021, our County experienced a series of devastating winter storms which brought down hundreds of thousands of trees and wreaked havoc on the power grid leaving over 30 thousand residents without power; Governor Newsom proclaimed a state of emergency for counties to support the response recovery efforts for these winter storms. This unfortunate event has placed a dire strain on those residents already struggling with the prohibitive cost and other barriers to creating defensible space and</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

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					<p>evacuation routes near their homes. Wait times for private contractors have gone from several weeks to several months due to the increase of tree damage. The project size would include all of Nevada County with emphasis on high development areas in the State Response Area and targeted messaging to include Low Income, Access and Functional Needs, and other vulnerable residents. Completion of 3000 chipping orders for residents will benefit 9000 additional residents in the community by expanding safe zones and reducing occurrence of crown fire. By including vulnerable residents that may not otherwise be PRC4291 compliant in wildfire prevention activities we improve resilience community wide. Additionally, avoiding occurrence or increased size of wildfire means avoidance of flooding, erosion and mudslides that come later in the rainy seasons. All prevention measures surrounding fire, further reduce risks to our water supply and vital watershed which expands impact of these activities to include California residents downstream that depend on that water supply.</p>
21-FP-MEU-0292	County of Mendocino	Mendocino County Fuels Reduction and Community Preparedness	Mendocino*	\$1,894,185.00	The County of Mendocino is proposing a multi-faceted project which will implement roadside fuels reduction in key locations in the Covelo and

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>Laytonville areas, complete CEQA analysis for five future fuels reduction projects to streamline and accelerate future implementation activities, fund the existing Mendocino County Community Chipper Days program for an additional three years, and develop a preliminary design for an emergency evacuation route serving three single-access subdivisions east of Ukiah in the WUI: Deerwood Estates, El Dorado Estates, and Vichy Springs and the Guidiville Rancheria. This project will treat approximately 66.2 acres of vegetation via roadside fuels reduction, protecting approximately 100-150 homes and other structures. The projects proposed for CEQA analysis, once implemented, will result in approximately 207 acres of vegetation clearing and improve the likelihood of securing future implementation funding. The areas proposed for CEQA analysis are: 1) the western portion of Branscomb Road from the community of Branscomb, inland, to the community of Westport, on the coast; 2) Old River Road, which connects the communities of Hopland and Talmage in southern Mendocino County; 3) Redwood Ridge Road, a ridgetop road alignment near Boonville; 4) Black Bart Trail, a rural residential road serving residences to the southeast of the</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>community of Redwood Valley; and 5) a shaded fuel break in the hills to the west of Hopland, a priority project in the newly-developed Hopland Community Wildfire Protection Plan which will protect the community from a wildfire advancing from the west. The Community Chipper Program, which provides curbside chipping to County residents free of charge, will offer approximately 450 days of service over the three-year performance period, serving approximately 4500 landowners and encouraging them to improve and maintain defensible space around their homes. In total, this project will conduct CEQA analysis and treat 66.2 acres, conduct CEQA analysis for future fuels treatment on approximately 207 additional acres, serve approximately 4500 individual landowners to support the establishment and maintenance of defensible space via 450 community chipper days, and protect 325 homes by planning an alternative evacuation route.</p>
21-FP-SHU-0025	Fall River Resource Conservation District	Lower Pit River Fire Prevention Project	Shasta*	\$6,039,000.00	<p>The Fall River Resource Conservation District (“the RCD”) is requesting \$6,000,000 to plan, administer and implement a comprehensive hazardous fuel reduction and fire prevention project in the Lower Pit</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>River Watershed that strategically advances the protection of Wildland Urban Interface (WUI) areas while increasing safety for the public and first responders. The requested amount is 86% of the total project costs. The RCD will plan and implement eight new fuel reduction projects and support maintenance efforts on one fuel break along HWY 299 between Burney and Johnson Park. These activities will help protect communities of Big Bend, Fall River, Cassell, Cayton Valley, Burney, and Johnson Park. These treatments will connect to existing fuel breaks or tie into larger landscape scale forest health treatment projects prioritized by the Burney-Hat Creek Community Forest and Watershed Group's Strategic and Prioritization Framework which will increase the overall effectiveness for the region to anticipate and decrease the chance of catastrophic, stand replacing wildfires. The RCD is uniquely positioned to lead this landscape scale treatment strategy through various agreements</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>(e.g. Master Stewardship Agreement with the Lassen National Forest) and partnerships with State and local entities (e.g. Sierra Nevada Conservancy [SNC], Cal Trans, and Cal Fire). Additionally, the RCD in partnership with the Big Bend Community Land Trust (CLT) will be coordinating a new Community Wildfire Protection Plans (CWPP) for the Big Bend area (Big Bend CLT). Projects work is also building off the newly established Fall River Fire Safe Council, which includes new geographies not previously considered in former applications. This expansion is in part due to the success of the adjacent Burney Basin Fire Safe Council CWPP and funds awarded through the Sierra Nevada Conservancy Regional Forest and Fire Capacity Program. The development of one new CWPPs is motivated by the 2018 Carr Fire which occurred directly west of Big Bend in a similarly high wildfire risk area, in addition to the recent 2020 and 2021 fires in the region. The project influence zone (PIZ) encompasses 34,984 acres of SRA land and 11 communities in Eastern Shasta County.</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>Strategically locating fuel breaks along priority roads and in WUIs will effectively slow the rate and intensity of a wildfire and protect a total of 4,515 structures. These communities are located in low-income, high wildfire threat areas which have received limited vegetation treatments in the recent past. Wood removed from these fuel breaks will be delivered to a locally owned and operated small scale bioenergy facility, Hat-Creek Bioenergy, which is planned to be operational by 2022, or to an existing bioenergy facility (Burney Forest Power).</p>
21-FP-AEU-0124	El Dorado County Fire Safe Council	Caldor Grizzly Flats Recovery Phase 1	El Dorado	\$1,263,186.00	<p>The proposed project will implement shaded fuel breaks that will modify wildfire behavior by reducing fire severity and the potential for a crown fire. They will help protect the residences that survived the Caldor fire, estimated at approximately 200 homes, 33 homes located in the Woodpecker Acres subdivision and future homes and infrastructure that will be re-built in Grizzly Flats after the fire from a future wildfire. The fuel breaks will be approximately 386 acres and would be located upslope from the Steely, North and Middle Forks of the</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>Cosumnes River and along Cosumnes Mine Road and Pine Ridge Drive: important evacuation routes. As evidenced by the 2021 fire, Grizzly Flats is in a Very High Hazard Severity Zone. The project will be contiguous to fuel treatments planned or underway by the U.S. Forest Service and will complement actions anticipated to reduce fuel loads in the area by the Caldor Emergency Forest Restoration Team. The project areas are outside the perimeter of the Caldor Fire and are characterized by high fuel loads associated with overly dense understory and ladder fuels along with standing dead trees affected by the long-term drought and insect attacks. The project is designed to reduce horizontal and vertical fuel continuity so that a surface fire will burn with no greater than a four-foot flame length over 75-percent of the project areas during 95th percentile fire weather. Similarly treated stands performed well as back burned staging areas for fire fighters during the Caldor Fire. All trees less than 12 inches diameter will be removed along with standing dead trees of any size. Where groups of trees less than 12 inches diameter do not constitute ladder fuels they will be thinned to separate crowns by 20 feet or more. Brush cover will be reduced to no more than 10 percent ground</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>cover while retaining isolated patches of brush for wildlife habitat. Residual trees will be pruned to a height of 10 feet. All material will be treated on site through mastication and/or chipping. The depth of masticated material or chips will not exceed six inches. The end result will be strategically placed shaded fuel breaks designed to protect the existing and future re-built homes and community infrastructure in Grizzly Flats while also protecting evacuation routes (Pine Ridge Drive, Cosumnes Mine Road, Grizzly Flats Road, and String Canyon Road), creating a more fire resilient forest ecosystem, and reducing carbon emissions by increasing forest growth rates while reducing tree mortality from fire.</p>
21-FP-AEU-0156	El Dorado Irrigation District	Western El Dorado County Utility Right-of-Way Reinforcement Program	El Dorado*	\$250,000.00	<p>Wildland firefighting professionals consistently reinforce that ridges, roads, and rights-of-way (3Rs) are key locations to containing wildland fires. Western El Dorado County contains some of the most populated Tier 2 (Elevated Risk) and 3 (Extreme Risk) wildland fire threat map zones in the state of California according to data available from the California Public Utilities Commission (CPUC). El Dorado Irrigation District (EID, District) manages rights-of-way for over 1,200 miles of water lines across the highly variable terrain of western El Dorado</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>County, including many cross-county rights-of-way within Tier 2/3 zones that also function as fire breaks for wildland fire containment efforts. Under this grant, the District plans to reinforce these areas by reducing hazardous fuel vegetation utilizing a tracked chipper and skid steer masticator to increase the pace and scale of community benefits that can be obtained. Both pieces of equipment will be supported with a single trailer capable of transporting the equipment to each project site. This equipment will be more effective than hand crews in reducing and maintaining low levels of vegetation across these rights-of-way, and will facilitate dozer line integration, hose lays, and backfiring operations that are essential to suppression efforts in the event of a wildland fire ignition. At the beginning of 2022, the District established a Right-of-Way Reinforcement (ROWR) Program and is hiring three permanent personnel who will focus full-time on vegetation management within District rights-of-way and on District property. The equipment to be purchased under this grant will allow these staff, who will be funded through in-kind matching District funds, to greatly increase the scope and scale of hazardous fuel reduction efforts through at least 275 heavily vegetated</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>acres within rights-of-way (assuming 30-foot width) from Pollock Pines to El Dorado Hills. This conservative estimate of acreage was identified through GIS mapping and aerial photo interpretative efforts (see attached example project area maps). Once initial reinforcement efforts for the most heavily vegetated acreages are completed, the same staff and equipment will be able to conduct vegetation management on other less vegetated rights-of-way as well as District-owned properties, including re-entry of previously masticated areas such as around the Sly Park Recreation Area Vegetation Management Plan (VMP). In 2017, the District acquired a trailer chipper through a previous CAL FIRE grant (16_AEU_1001) and that equipment continues to serve the District today where vehicular access is possible. However, there are significant portions of the 1,200 miles of pipeline rights-of-way in need of improved vegetation management without road access and/or within steeper terrain where the trailer chipper cannot safely access. The tracked chipper and skid steer masticator to be acquired through this grant, will work in coordination with staff operating the trailer chipper to maximize acreage productivity through utilization of the</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>best tools for the particular project site. EID provides the primary supply of drinking water for over 125,000 customers in western El Dorado County. In addition to reinforcing rights-of-way, the tracked chipper and skid steer masticator will be used to help secure firefighting water resources by protecting treatment plants and pumping and storage facilities from wildland fire impacts and provide improved wildland fire protection in key locations of western El Dorado County. Wherever feasible the tracked chipper and skid steer masticator will be used to connect to recently implemented hazardous fuels treatments on adjacent parcels and complement other efforts in the area including fuels reductions within the Sly Park Recreation Area VMP or other similar large scale fuel modification efforts completed by regional partners such as Fire Safe Councils, the El Dorado and Georgetown Divide Resource Conservation District, Sierra Pacific Industries, Cal Fire, Bureau of Land Management, and U.S. Forest Service. As described in more detail below, virtually all of the District's service area is situated in either the Elevated or Extreme Risk Fire Threat (Tier 2/3) zones illustrating the criticality of completing this work as</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>soon as possible and the 2021 Caldor Fire reinforced that the time to act is now. Therefore, EID is ready to move immediately upon award of the grant to acquire the equipment and put it to work providing improved protection for threatened communities while also increasing resilience of maintaining water supplies during a wildland fire.</p>
21-FP-SBC-0170	CA-SBC Santa Barbara County Fire Department	SBC 2022 Fuel Reduction Equipment Project	Santa Barbara*	\$250,000.00	<p>This project is to acquire funding to allow the Santa Barbara County Fire Department (SBCFD) to purchase the following equipment to support the department's fuel reduction projects and new fuels crew module:</p> <p>1. One Tracked Forestry Mulcher (Masticator)</p> <p>The Santa Barbara County Fire Department is a Contract County that protects 791,934 acres of SRA, the second most acres of the six contract counties. This equipment will be utilized throughout Santa Barbara County in our effort to complete ongoing fuel reduction work on current and new fuel reduction projects as identified in the Santa Barbara County Unit Fire Plan. Santa Barbara County Fire has 30 fuel reduction and VMP projects either planned, in current implementation or requiring maintenance, totaling 10,658.6 acres, including 283 miles of roadside</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>treatments. This equipment will be used by our Construction Section operators (dozer operators) in conjunction with the SBC Fuels Crew and our two Fire Crews. Acres treated annually will vary widely due to weather conditions and the length and severity of our annual fire season.</p>
21-FP-AEU-0178	El Dorado Irrigation District	Wood Flume and Essential Water Supply Protection Project	El Dorado*	\$1,777,875.00	<p>The El Dorado Irrigation District (District) proposes to implement hazardous fuel treatments on approximately 500 acres to protect four wood-constructed flumes in close vicinity of Highway 50 (Flumes 42/43, 45A, 45, and 46). The wood-constructed flumes measure over one mile in length and are located on District owned parcels, lands administered by U.S. Forest Service Eldorado National Forest (ENF), and lands owned by Sierra Pacific Industries (SPI). Due to the close vicinity of the project area to Highway 50, there is an increased likelihood of wildfire ignition, which poses a threat to these critical water conveyance systems. The District provides drinking water to over 125,000 customers in El Dorado County. The wood-constructed flumes are part of the El Dorado Canal (Canal) system that supplies approximately 1/3 of the District's water supply. The flumes covered by this project are extremely susceptible to damage from wildfire. The risk of</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>wildfire to the District’s infrastructure is clearly illustrated by the 2021 Caldor Fire, which caused \$30 million in catastrophic damage to four wood-constructed flumes located to the east of the proposed project. The destruction of these flumes currently prevents the District from delivering water through this critical water conveyance system until the extensive reconstruction of the facilities are completed. This impact has been particularly challenging during the ongoing drought and threatens the viability of the community. The proposed project is also situated in close vicinity to an estimated 100 residential homes and commercial structures within two miles and approximately 3,500 additional habitable structures within 6 miles of the of the project area. The proposed fuels treatments would provide added protection to infrastructure and developed areas. The District proposes to utilize hand treatments for the majority of this project due to extremely steep slopes and rugged terrain in the project area. Mastication would be utilized only where slope and ground conditions allow. Treatments include the following combinations: 1) Cutting standing high densities of understory small conifers and broadleaf tree species up to 12-inched</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>diameter breast height. Slash and felled trees will be lopped and scattered in place to a resting height of 18-inches from ground and stump height will be 6 inches from the high side. 2) All brush and shrub species will be cut within four inches of ground and lopped and scattered to resting height of 18-inches from the ground. 3) Dead and dying trees will be felled, limbed and bucked. Stems four inches to twelve inches diameter will be bucked to four feet or less in length. Stems 13-inches and larger will be bucked to eight-foot lengths. All limbs and slash will be lopped and scattered to resting height of eighteen inches from ground level. 4) Existing downed material meeting the above specifications will be treated in a similar manner.5) All residual leave trees will be pruned to a minimum of 10 feet from the high side at trunk-ground level. 6) Mechanical mastication would be considered in limited areas where feasible. The proposed fuels treatments would connect to recently implemented hazardous fuels treatments on the adjacent parcels owned by SPI and managed by the ENF. In addition, the proposed project would expand the hazardous fuel treatments along the El Dorado Canal completed in 2020 funded by Cal Fire Grant 5GG17111.</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>The proposed fuels treatments reinforce and work cooperatively with the Fire Adapted 50 project which was recently attributed with preventing the Caldor Fire from spreading into the community of Pollock Pines as described in a recent article published by Fox News on February 4, 2022. The article summarizes how agencies such as Cal Fire, USFS, SPI, the District, and El Dorado County worked together to implement over 10,000 acres of treatments which helped stop the fire during suppression efforts. As described in the Scope of Work below, the proposed fuels treatments are situated in Extreme Fire Threat zone illustrating the criticality of completing this work as soon as possible. The District will work closely with the ENF and SPI to complete the requirements of NEPA and CEQA and will be prepared to implement the proposed project as soon as possible.</p>
21-FP-AEU-0208	Auburn Lake Trails Fire Safety and Improvement Council	ALT NORTHERN SFB	El Dorado	\$989,019.00	<p>The ALT Northern SFB Project (Project) provides for needed maintenance of an existing Shaded Fuel Break (SFB), created in stages since 2007, along the border between Auburn Lake Trails (ALT) and the Auburn State Recreation Area (ASRA). Location: The Project is located adjacent to the northern, western and eastern boundaries of the unincorporated community of Auburn</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>Lake Trails (ALT) in El Dorado County, California. (USGS Auburn 7.5' quadrangle; T12N, R8E, Sections 8 & USGS Greenwood 7.5' quadrangle; T12N, R9E, Sections 2,3,4,8,9,10.)</p> <p>Habitable Structures: There are 1,027 habitable structures in ALT (as of November 2019). These structures take their access directly or indirectly from the linear road system that runs the length of the Project. There are approximately 75 additional habitable structures between the southern boundary of ALT and California Highway 193, and these structures would also be significantly impacted by the Project. Acres Treated: The Treatment Influence Zone (TIZ) for this Project is ±342.2 acres. The TIZ is a portion of the 487.0-acre existing Shaded Fuel Break (SFB). Due to vegetation growth since construction, the SFB is in need of maintenance. The Bureau of Reclamation (BOR) has undertaken efforts to do the maintenance on the 144.8 acres of SFB that are on BOR land (and part of ASRA). Of the 487-acre SFB, approximately 220 acres (45%) are classified as being in a Very High Fire Hazard Severity Zone (FHSZ) and 267 acres are classified as being in a High FHSZ. The Project Influence Zone (PIZ), as established, includes approximately 35,000 acres. The PIZ</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>is considered to include those areas on the Georgetown Divide west of Georgetown, that are located between the ridge line dividing the South Fork and Middle Fork of the American River, and the ridge immediately above the canyon of the Middle Fork of the American River. (see Map 03) As evidenced by recent fires (e.g. Caldor Fire of 2021) a fire propagating through ALT would have a strong potential to advance through terrain not isolated by major roads, rivers or ridges. The PIZ, therefore, includes the communities of Cool, Pilot Hill, Greenwood, Garden Valley, and Georgetown. There are approximately 15,000 people living in these communities. The Project is an innovative, all-lands, hazardous fuel reduction project designed to create and/or maintain fire resilient forest ecosystems and fire-adapted human communities. The landscape encompassed by the Project is representative of the current state of the Sierra Nevada, as evidenced by the devastating effects of recent fires (including the 2021 Caldor Fire and the 2014 King Fire). The region exhibits an elevated level of tree mortality associated with drought and insect infestation. These conditions increase the susceptibility of human communities, ecosystems and</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>watersheds to catastrophic events. The values to be protected in this watershed are critical to the local and regional economies and to the overall ecosystem health. The proposed Project is an integral component of the American River Canyon Fuel Break Collaborative that addresses the risk of wildfire. The outcomes of the Project will help to reduce wildfire intensity and the rate of advance of a fire. The Project would directly reduce wildfire potential to Federal and State managed forest land and adjacent communities within the Wildland-Urban Interface (WUI). The Project is located in the American River Canyon Fuel Break that extends along the northern border of the ALT community and Federal lands owned by the BOR and managed by California State Parks (CSP), as part of ASRA. The fuel break is positioned to utilize an existing fuel break developed over the past 20 + years. The Project will encompass a strip of land between 100 and 600 feet wide and will include up to ± 342 acres of private land. Activities proposed in this Project will include: Pre-and post-treatment descriptions of site conditions and Project results relative to vegetative conditions and wildfire hazard reduction goal accomplishments; Fuel reduction activities, which will focus</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>on: reducing fire hazard, improving tree growth, increasing forest resilience; Treatments will eliminate the vertical and horizontal continuity of vegetative fuels for the purpose of reducing: the rate of fire spread, duration and intensity, fuel ignitability, ignition of tree crowns; The prescriptions used may include: mechanical and hand thinning, removal of ladder fuels, treatment of slash. It is not anticipated that any merchantable trees will be removed by the Project. Vegetation will generally be treated on-site by chipping, masticating, and/or burning. When deemed more practical, material may be removed from site, and shipped to an appropriate green waste facility or, if feasible, to a biomass plant. Since the Project area is within a Tier 1 or 2 Tree Mortality Zone, there are incentives for biomass plants to utilize the material. Environmental analyses (CEQA/ NEPA) are being evaluated. To the extent practicable, the Contractors will be encouraged to use electric equipment to lower greenhouse gas emissions in the creation of the SFB. Greenhouse gas reduction benefits will accrue due to the reduced probability of severe wildfire both within the fuel break and within the larger fire shed i.e., shadow effects. Carbon sequestration will be</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>secured through growth of residual trees within the fuel break. Short-term emissions will be associated with the removal of excessive vegetation and equipment operations, but these would be offset by longer term greenhouse gas reduction benefits. Other benefits of the Project will include protection of the town of Cool, protection of water conveyance and energy infrastructure, and improved resiliency of forests to wildfire, insects and disease. The Project is consistent with relevant local, regional and statewide plans.</p>
21-FP-AEU-0238	Auburn Lake Trails Fire Safety and Improvement Council	ALT TREE MORTALITY	El Dorado	\$297,991.00	<p>The Auburn Lake Trails (ALT) Tree Mortality Project (Project) includes the removal of dead, dying and fallen trees from areas classified as Very High Fire Hazard Severity Zone (FHSZ), High FHSZ, or Moderate FHSZ within the unincorporated community of ALT in El Dorado County. Location: The Project is located within the boundaries of the unincorporated community of ALT in El Dorado County, California. (USGS Auburn 7.5' quadrangle; T12N, R8E, Sections 8 & USGS Greenwood 7.5' quadrangle; T12N, R9E, Sections 2,3,4,8,9,10.) Habitable Structures: There are 1,027 habitable structures in ALT (as of November 2019). These structures take their access directly or indirectly from the linear road system that runs the length of the Project. There are approximately 75 additional</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>habitable structures between the southern boundary of ALT and California Highway 193, and these structures would also be significantly impacted by the Project. Acres Treated: The Treatment Influence Zone (TIZ) includes approximately 1027 habitable structures located within ALT. The TIZ includes 2628 acres, 100% of which are located within the State Responsibility Area (SRA) (See Map 01). Within the TIZ, 666 acres are classified as Very High FHSZ, 1696 acres area classified as High FHSZ, and the remaining 266 acres are classified as Moderate FHSZ. (See Map 02) The Project Influence Zone (PIZ), as established, includes approximately 35,000 acres. The PIZ is considered to include those areas on the Georgetown Divide west of Georgetown, that are between the ridge line dividing the South Fork and Middle Fork of the American River, and the ridge immediately above the canyon of the Middle Fork of the American River. (see Map 03) As evidenced by recent fires (e.g. Caldor Fire of 2021), a fire propagating through ALT would have a strong potential to advance through terrain not isolated by major roads, rivers or ridges. The PIZ, therefore, includes the communities of Cool, Pilot Hill, Greenwood, Garden Valley, and</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					Georgetown. There are approximately 15,000 people living in these communities. The drought experienced in recent years has weakened and killed many trees, and have left many more trees susceptible to insect attack, particularly bark beetle infestation. The Project will provide matching funds to landowners for the removal of trees on their properties. It has been estimated that there are approximately 2000 fallen, dead or dying trees within ALT. This grant will remove ~500 trees, adding to the 553 trees removed utilizing the CAL FIRE Grant 5GS16101 in 2018/19.
21-FP-ORC-0029	Orange County Fire Authority	Hazardous Fuels Reduction Equipment	Orange*	\$250,000.00	The proposed project purchases a water tender for OCFA Crews and Equipment program to assist in completing wildfire prevention and fuels reduction projects. The preventative work will help protect the 3.1 million residents within Orange County while benefitting over 300,000 acres of SRA Threat Zone, nearly 11,576 habitable structures within the SRA, and another 130,220 structures within the Very High LRA WUI areas.
21-FP-AEU-0316	County of Sacramento Department of Regional Parks	Cosumnes Ladder Fuel Reduction Project	Sacramento	\$4,221,399.00	This project will provide ladder fuel reduction across 1152 acres of blue oak woodland in eastern Sacramento County. The treatment area includes land under CalFire jurisdiction owned by the California State Parks, jointly by

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>the County of Sacramento and the Sacramento Valley Conservancy in the Deer Creek Hills Preserve, and private landowners. This project will protect over \$1.2 billion of structures and over 5,000 residents in the Rancho Murietta and Sloughhouse communities.</p>
21-FP-SBC-0228	Santa Barbara County Fire Safe Council	SBCFSC Community Chipping Program	Santa Barbara	\$2,220,339.00	<p>Due to past fire history, the Santa Barbara County Fire Safe Council was formed to collaborate with property owners in elevated wildfire risk areas. The proposed Community Chipping Program aligns well with the objectives of the California Climate Investment Fire Prevention Grant. The Community Chipping Program will be a cooperative partnership between the Fire Safe Council and the community of property owners that has 5,908 residences in 26 distinct neighborhoods totaling 32,661 acres. The neighborhoods lay at the foot of the Santa Ynez Mountains along the Gaviota Coast, Goleta foothills, Santa Barbara foothills, and the Montecito foothills (see map for details). Each property owner will be instructed to remove vegetation to meet their defensible space standard requirement and relocate the cut vegetation to the end of their driveway on specified days. The Fire Safe Council will then provide a contractor to chip the material and haul it away. Also on specified days, the Community</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>Chipping Program will provide a roll-off dumpster in each participating neighborhood where non-chippable material (i.e., palm fronds, leaves, vines, etc.) can be deposited for removal. Additionally, the project manager will check roadways and multi-use driveways for compliance with fire safety regulations such as Title 14 and PRC 4290. The chipping crew while in the community area will “Tag and Trim” constrained roadways for fire engine access as well as civilian evacuation.</p> <p>Collectively, the proposed project will assist in making Santa Barbara County more adaptive to wildfire, increase the efficiency of future wildfire responses, and maximize carbon sequestration in the surrounding wildland habitat by limiting its exposure to future wildfires.</p>
21-FP-BDU-0257	Mammoth Lakes Fire Protection District	Defensible Space and Home Hardening	Mono*	\$700,000.00	<p>Mammoth Lakes is situated above 7,000 feet in the Eastern Sierras. MLFPD has a small combination fire department that is much smaller than some neighboring Districts, however, the nearest large fire department that can assist in a major fire is over 5 hours away. Until additional resources arrive, MLFPD and the surrounding districts will have to suppress the fire. If defensible space and home hardening is established on every property in our community, we may be</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>able to stop a fire before additional resources are required. The grant money would assist homeowner with the cost of tree and brush removal to generate defensible space in and around private properties within the Mammoth Lakes Fire Protection Districted located in the Town of Mammoth Lakes. In Mammoth Lakes, years of misunderstanding of forest health and fire suppression has led to an overgrowth of conifer trees and shrubs. The overgrowth can lead the District on to a path of total destruction should a catastrophic fire strike town. The strategic intent is to focus on defensible space around private property and home hardening, therefore, decreasing the chance for fire to spread from one property to another, and fulfill reporting responsibilities and other administrative duties associated with the project. Increasing the fire resistance or hardening the communities involves making structures more difficult and limiting the fire spread if ignition occurs. The grant will also provide resources and equipment to assist the homeowner with mitigating defensible space on the property. Hardening the community through less ignition-prone materials, more fire-resistant designs, and new technologies to prevent fire spread</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>within communities incorporated with fuels management will reduce fire spread. The project includes: Defensible space inspections, Identifying vulnerabilities in the structures and methods to harden the home, A free chipping program for the community, Follow-up inspections.</p>
21-FP-MMU-0076	Mariposa County Fire Department	Mariposa County Fuel Reduction Equipment Purchase	Mariposa*	\$72,509.18	<p>The project proposed by the Mariposa County Fire Department will take place under the Hazardous Fuels Reduction category and primarily consist of the purchase of supporting equipment for the fuel modification equipment purchased under the Mariposa County Fire's previous FY20-21 Fire Prevention Grant award (#20-FP-MMU-036) that is being used for vegetation clearance and creation/maintenance of new and existing fuel breaks in strategic locations throughout Mariposa County. Specific equipment to purchase under this current project includes the following: One Trailer – Trailmax by Valor 20 GTS \$45,000.00 planned use for hauling the excavator and track loader purchased under the previous Fire Prevention Grant One (1) 2022 Ford F550 pickup truck/tow vehicle – Vehicle to be used to tow the new trailer and tractors to project sites One Better Built 100 gallon Diesel</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>transfer tank with pump to fuel equipment Equipment Items to outfit Compact Track Loader Tractor (purchased with previous grant): Caterpillar HM 418 XE/XHP, BL Mulcher Equipment Items to outfit Excavator Tractor (purchased with previous grant): Kit, Case Drain, MHE 7-10T NG Caterpillar HM210 Mulcher The truck, trailer and transfer tank will be used as supporting vehicles to haul, transport, and fuel the tractors and equipment to specific project sites to be used in the construction and maintenance of strategic fuel breaks and treatments throughout Mariposa County, particularly the wildland urban interface (WUI) areas in the Sierra Nevada foothill and mountains in the eastern half of the county. Individual projects currently exist in isolated areas around communities and population centers along favorable terrain features in the WUI regions. The vehicle, trailers, and additional equipment requested in this project will provide support to the tractors purchased under the previous grant to mechanically treat regrowth and tree mortality that has occurred within the footprint of numerous smaller projects protecting the previous investment of public dollars by maintaining these</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>strategic fire defense systems constructed by the Mariposa County Fire Department and CAL FIRE Madera-Mariposa-Merced Unit. The overall project area encompasses the State Responsibility Area (SRA) in Mariposa County (443,613 acres). The overall project area encompasses the State Responsibility Area (SRA) in Mariposa County (443,613 acres). Existing/projected fuels projects cumulatively total approximately 4,900 acres and benefit approximately 5,000 habitable structures. Individual projects exist in isolated areas around communities and population centers along favorable terrain features. This equipment will mechanically treat regrowth and tree mortality that has occurred within the footprint of numerous projects protecting the previous investment of public dollars by maintaining strategic fire defense systems constructed by the Mariposa County Fire Safe Council, US Forest Service, Bureau of Land Management, Mariposa County Fire and CAL FIRE Madera-Mariposa-Merced Unit.</p>
21-FP-SLU-0270	San Luis Obispo County Fire Safe Council	2022 SLO County Fuels Reduction	San Luis Obispo*	\$4,483,721.09	This project will treat 58 miles of roadside and 3,850 acres of hazardous fuel by conducting crushing, using hand crews, mastication, grazing, and prescribed fire to provide enhanced protection to

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>14 WUI communities at risk and more than 3,600 structures in SRA and 750 in LRA/SRA fringe. Treatments will remove dead and dying trees and other hazardous fuels on 19 treatments areas (TIZ) in 9 project impact zones (PIZ) throughout San Luis Obispo County. We will reduce fire risk in Additionally, five educational projects will enhance community safety and preparedness.</p> <p>We will treat 58 miles (450 acres) of roadside access/egress treatments across the county to provide safer evacuation and access for public and responders.</p> <p>We will treat 3,325 acres of hazardous fuel; 425 acres of shaded fuel breaks (325 at Heritage Ranch and Lake Nacimiento resort and 100 acres in Salinas River area of Paso Robles where more than 200 homeless encampment fires have occurred in the last 3 years, 85 at Pismo Preserve and Santa Ysabel Ranch); 2,500 acres of brush in Webster-Parkhill project, 400 acres on Miossi project, and improve defensible space at 4 homeowner association open space areas. Projects will augment previous grant funded fuel reduction projects in Parkhill, Baron Canyon, Salinas River, and Creston by implementing next phases.</p> <p>We will focus on areas where</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>previous serious fires have burned, areas identified by the Tree Mortality Task Force in Very High and High FHSZ's across the county, Priority Landscapes, PG&E Tier 2 & 3 areas, and high consequence areas targeted in 2019 Countywide CWPP, 2020 Local Hazard Mitigation Plan, and Cal Unit Fire Plan consistent with 2021 Forest Management Task Force wildfire resiliency action plan. Additionally, we will provide 5 education outreach projects to enhance public awareness about fire safety and preparedness including Mid State Fair fire safe demo house and gardens; 2 fire safe demo gardens in communities; SIM Table support to continue public presentations across the county; and a new Fire Safe Council public media outreach program.</p>
21-FP-TCU-0276	County of Tuolumne	Tuolumne County Hazardous Fuel Pile Burning Equipment	Tuolumne*	\$132,302.00	<p>Purchase of (2) Bobcat UV34 UTV's, (2) Duratracks UTV Track System, (2) QTAC 125 Gallon HP UTV Skid-Mount Fire Pump, (1) Gel Fire Systems 75 Gallon Terra Torch, (1) Big Tex 35SA-12W Single Axle Utility Trailer, (1) Big Tex 100A-20 Heavy-Duty Over-the-Axle Bumperpull Trailer, (2) Transfer Flow 109 Gallon Refueling Tank System, (2) Buyers Products Aluminum Truck Box with Barn Doors, (1) ProWinch Foldable Davit Crane, (10) Drip Torches, related parts and</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>accessories as identified in the budget. The Tuolumne County Fire Department will utilize the requested pile burning equipment to maintain strategic fuel breaks and perform hazardous fuels reduction pile burning projects throughout Tuolumne County. Numerous individual hazardous fuels reduction projects exist in isolated areas around communities and population centers throughout Tuolumne County along favorable terrain features. These communities are located in Wildland-Urban Interface (WUI) areas and are at a substantial risk of impact from wildland fires. This equipment will allow Tuolumne County to reintroduce frequent, low-intensity fire to improve forest health, biodiversity and forested communities' safety as identified in the fourth point of the executive summary of California's Wildfire and Forest Resilience Action Plan by the Governor's Forest Management Task Force. The very first goal of California's Wildfire and Forest Resilience Action Plan calls for "Increase The Pace And Scale of Forest Health Projects and specifically identifies "Increase the Use of Prescribed Fire" in the goal as Key Actions: 1.18 – 1.27. California's Strategic Plan For Prescribed Fire, Cultural Burning &</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>Prescribed Natural Fire by the California Wildfire & Forest Resilience Task Force identifies in the executive summary a need for “Strategic Change in Our Relationship to Fire”. The Strategic Plan is oriented around nine goals. These goals are Develop a Robust Prescribed Fire Workforce, Empower the Private Sector, Expand Cultural Burning, Improved Regulatory Efficiency, Protect Public Health, Build Public Support, Facilitate Larger and Strategically Located Burns, Use Prescribed Natural Fire Where and When Appropriate, and Improve Data Collection and Utilization.</p> <p>In 2018, the Little Hoover Commission released report #242 titled Fire on The Mountain: Rethinking Forest Management in the Sierra Nevada. In the reports executive summary the commission lists five findings and recommendations including Increasing Pace and Scale of Forest Restoration through Collaboration, Creating a Culture where Fire is a Tool not a Threat, Developing Long-Term Plan for Forest Materials, Educating Californians on Forest Resiliency, and Planning for the Long Term and Ensuring Accountability. Two out of the five finding and recommendations in the commission’s report specifically identify the return of prescribed burning in California to improve forest</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>health and resiliency. This equipment will treat regrowth and tree mortality that has occurred within the footprint of the numerous hazardous fuels reduction projects in the county. This equipment will protect the previous investment of public funds by maintaining these strategic wildland fire defense systems constructed by the Highway 108/Tuolumne County Fire Safe Council, Tuolumne County Fire Department, Tuolumne County OES, Tuolumne County Resource Conservation District, Tuolumne Utility District, Pacific Gas & Electric Company, Groveland Community Services District, Southwest Interface Team (SWIFT) and CAL FIRE Tuolumne-Calaveras Unit.</p> <p>The overall project area encompasses the State Responsibility Area (SRA) in Tuolumne County (329,344 acres). Existing hazardous fuels reduction projects cumulatively total approximately 3000 +/- acres and benefit up to 27,000 habitable structures. This equipment will enable Tuolumne County to assist the State of California in reaching its climate investment goal of reducing greenhouse gas release by limiting the number of new wildland fires started in treated areas, enabling firefighters to keep fires smaller burning less</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>acreage annually and protecting communities and structures that would contribute to significant greenhouse gas release if the structures were to be damaged or destroyed by a wildland fire.</p> <p>The project is located in an Assembly Bill 1550 designated low-income community, as significant portions of Tuolumne County are identified as AB 1550 low-income communities per the California Air Resource Board's Community Investment webpage. The following is based off of the Evaluation Criteria for Providing Benefits To Priority Populations Table - LAND RESTORATION AND FOREST HEALTH for achieving "Low-Income Community" designation. (Step 1: Identify the Priority Populations) The low-income communities in Tuolumne County were identified using the Priority Population Maps on the California Air Resource Board's Community Investments webpage. (Step 2: Address a Need) The following needs will be addressed for the identified low-income communities as per Table 5 of the California Air Resources Board Proposed Funding Guidelines.</p> <p>Public Health: Reduce health harms (e.g., asthma) suffered disproportionately by priority</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>populations due to air pollutants. Increase community safety. Increase access to parks, greenways, open space, and other community assets. Economic: Revitalize local economies (e.g., increased use of local businesses) and support California-based small businesses. Reduce housing costs. Reduce transportation costs. Reduce energy costs for residents. Improve transit service levels and reliability on systems/routes that have high use by disadvantaged and/or low-income community residents or low-income riders. Preserve community stability and maintain housing affordability for low-income households</p> <p>Provide educational and community capacity building opportunities through environmental community engagement and leadership. Environmental: Reduce exposure to local environmental contaminants, such as toxic air contaminants; criteria air pollutants, and drinking water contaminants Reduce exposure to pesticides in communities near agricultural operations.</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>Greening communities through restoring local ecosystems and planting of native species, improving aesthetics of the landscape, and/or increasing public access for recreation.</p> <p>(Step 3: Provide a Benefit) The project provides the following benefits to the identified low-income communities as per Evaluation Criteria for Providing Benefits To Priority Populations Table - LAND RESTORATION AND FOREST HEALTH.</p> <p>Project significantly reduces fire risk to households within one or more disadvantaged or low-income communities.</p> <p>Project significantly reduces flood risk to households within one or more disadvantaged or low-income communities.</p>
21-FP-SBC-0277	Santa Barbara County Fire Safe Council	SB South Coast Herbivory	Santa Barbara*	\$1,925,370.00	<p>The SB South Coast Herbivory Project will implement 3000 acres of fuel reduction through the use of prescribed herbivory (sheep, goats) to reduce fuel loads in a cost effective and ecologically sound manner. The project includes 26 prescribed herbivory fuel treatments located along the south coast of Santa Barbara County (SBC). The fuel treatments are strategically located adjacent to critical transportation corridors and WUI areas. The project goal is to reduce fuel loading to mitigate the potential for</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>high intensity wildfire and reduce the potential for wildfire ignitions. There are over 17,800 habitable structures within the high fire hazard area of the PIZ that will potentially benefit from these proposed fuel treatments. The project is sponsored by the Santa Barbara County Fire Safe Council (SBC FSC).</p>
21-FP-MMU-0279	Madera County	Madera County Hazardous Fuel Reduction/Maintenance Support Project	Madera*	\$238,009.00	<p>The project proposed by the Madera County Fire Department (MDC) will take place under the Hazardous Fuels Reduction category and primarily consist of the purchase of supporting equipment for the fuel modification equipment purchased under the MDC's previous FY20-21 Fire Prevention Grant award (#20-FP-MMU-0311) that is being used for vegetation clearance and creation/maintenance of new and existing fuel breaks in strategic locations throughout Madera County. Specific equipment to purchase under this current project includes the following:</p> <ul style="list-style-type: none"> • Two (2) 2022 Big Tex 25PH-20+5 Tandem Dual-Axel Pintle Trailers – planned use for hauling the compact excavator and track loader purchased under the previous Fire Prevention Grant • One (1) 2022 Chevrolet 3500HD Silverado pickup truck/tow vehicle – Vehicle to be used to tow the new

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					trailers and tractors to project sites • Equipment Items to outfit Compact Track Loader Tractor (purchased with previous grant): o 80" Wide General-Purpose Bucket with Bolt-on Cutting Edge o 84" Wide Industrial Grapple Rake with Dual Grapple o Caterpillar HM418 High Flow XE Mulcher • Equipment Items to outfit Excavator Tractor (purchased with previous grant): o 24" Wide Heavy-Duty Bucket with Pins o Caterpillar HM120 Mulcher The truck and trailers will be used as supporting vehicles to haul/transport the tractors and equipment to specific project sites to be used in the construction and maintenance of strategic fuel breaks and treatments throughout Madera County, particularly the wildland urban interface (WUI) areas in the Sierra Nevada foothill and mountains in the eastern half of the county. Individual projects currently exist in isolated areas around communities and population centers along favorable terrain features in the WUI regions. The vehicle, trailers, and additional equipment requested in this project will provide support to the tractors purchased under the previous grant to

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>mechanically treat regrowth and tree mortality that has occurred within the footprint of numerous smaller projects protecting the previous investment of public dollars by maintaining these strategic fire defense systems constructed by the Madera County Fire Department and CAL FIRE Madera-Mariposa-Merced Unit. The overall project area encompasses the State Responsibility Area (SRA) in Madera County (377,791 acres). Existing fuels projects in these areas cumulatively total approximately 2,813 acres and benefit approximately 14,713 habitable structures across numerous unincorporated communities in the WUI areas including Oakhurst, Bass Lake, North Fork, Coarsegold, Ahwahnee, Nipinnawasee, Knowles, O'Neals, Raymond, Sugar Pine, Friant, and Auberry and others. This equipment will provide the ability to treat approximately 300 +/- acres annually inside existing fuel breaks and fuels reduction projects.</p>
21-FP-MMU-0204	Mariposa County	Mariposa County Roadside Fuel Reduction Equipment Purchase	Mariposa*	\$154,000.00	<p>This project will involve the purchase of a Case CX80C Excavator with a Fecon Mulcher Head FMX50 to be used by the Mariposa County Public Works Department to assist in completing wildfire prevention and fuels reduction projects. The State Responsible Area (SRA) in Mariposa</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>County is approximately 443,350 acres with approximately 5,000 habitable structures. Mariposa Public Works maintains 560 centerline miles of roadway and has limited mechanical means of thinning roadside vegetation & removing hazardous dead or dying vegetation. Roadside ignitions are a major issue in this area. Purchasing this equipment will reduce the total amount of wildfire by providing the means to complete projects quickly & efficiently. This project will reduce the fuel load countywide and ensure proper maintenance of roads. Limiting fuel sources will directly reduce the amount of wildfire. Further, these roads will allow for CALFIRE faster response and reduce wildfire spreading.</p>
21-FP-FKU-0268	National Forest Foundation	The High Sierra Front Country Fuel Breaks Project	Fresno	\$7,985,868.00	<p>The High Sierra Front Country Fuel Breaks Project (HSFCFB Project or "Project"), developed by a partnership between the National Forest Foundation (NFF), the High Sierra Ranger District (HSRD) of the Sierra National Forest (SNF) and the Central Sierra Resiliency Fund (CSRf), would treat roughly 5,000 acres of federal and state land in Eastern Fresno County. A combination of fuels reduction treatments will address extensive tree mortality, improve forest health and habitat, and prepare the area for prescribed fire implementation</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>on federal lands. As feasible, the Project will also implement prescribed fire, via pile burning, within treated areas. The Project builds upon and connects with existing efforts in the area (see attached map), including the Jose Basin Fuels Reduction Project, the Auberry Road and Peterson Road Fuel Breaks, the Barnes South Project, and efforts associated with the Dinkey Creek Collaborative. The Project addresses the immediate and significant risk from an overload of downed fuels caused by the Creek Fire, and an adjusted, more frequent fire regime due to subsequent changes in the vegetation profile. In addition, this Project will help grow the capacity of the region to perform fuels reduction work into the future through the expansion of partnerships and purchase of critically needed equipment. As wildfires continue to increase in their size and intensity, the United States Forest Service (USFS) and its cooperative partners understand the urgent need to address the overwhelming disturbances that have affected the SNF and surrounding communities with a landscape-level response. Concurrently, we recognize that none of us have the resources to handle the scale of this crisis alone, and an all-hands approach is necessary.</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
21-FP-BEU-0033	City of Del Rey Oaks	City of Del Rey Oaks - Fire Prevention Program	Monterey	\$228,180.00	<p>The purpose of the project is to reduce fire fuel along the Work Memorial Park (from Via Verde to Fremont Blvd) in the City of Del Rey Oaks. The Project Influence Zone (PIZ) is approximately 1,126.4 acres in area and the Treatment Influence Zone (TIZ) is approximately 41 acres in area. The project area is located near Highway 68 and the former Fort Ord parcel, both of which are classified as high fire threat areas according to the Monterey County Community Wildfire Protection Plan. The Monterey Regional Parks Department Frog Pond Wetland Preserve, also located along the border of the project area, has a dry period of three to six months where the wetland becomes completely dry and a fire hazard area. The project area also includes necessary and centrally located infrastructure such as City Hall, Police Department, Public Works Department, and the widely utilized Del Rey Park. Approximately 400 residential structures surround the Work Memorial Park parcel as well as the Monterey Regional Airport. Grant funding will be used to clear and remove fire fuel and the purchase of supplies which will be used to maintain the project area for a period of up to five years. Maintenance and upkeep will be performed by the Public Works Department with the help of Work</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					Alternative Programs, General Assistance Programs, and community-based organizations.
21-FP-AEU-0053	El Dorado County Fire Safe Council	EDCFSC Residential Hazard Tree Removal Project	El Dorado*	\$1,252,790.00	The bark pine beetle infestation has killed thousands of pitch pines in El Dorado County since 2015. These beetles can change the forest environment by influencing forest structure and transforming fuels. This beetle is continuing its destructive march with thousands more dead and dying trees identified this past year. The beetles are reproducing and spreading to trees over and over in obvious pockets within our conifer forest landscapes. In addition, the recent Caldor Fire burned over 220 thousand acres, which has further stressed and injured trees around its perimeter. The fires eastern boundary spans the length of Omo Ranch to Pollock Pines. Miles of dozer lines and backfires occurred along neighborhood property lines along this perimeter, weakening trees that now are hosts for the bark beetles to infiltrate and quickly spread the infestation. Proactive cutting, early and often enough, will slow the beetle's spread. There are over 51,000 habitable structures in the project area. The project will target dead and dying trees that directly threaten public safety, through cost-sharing for felling trees hazardous to permitted

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>structures, access roads, and residential electrical lines. The project will subsidize up to \$4000 per household for felling, bucking and limb removal. During a voluntary enrollment period, residents can apply to have hazard trees removed within 150 feet of permitted structures or access routes. Residents must provide their parcel number to certify they are the owner. Most households will be required to contribute 25% toward the cost (i.e., for a \$4,000 job, a household would contribute \$1,000 and EDCFSC would contribute \$3,000). Households below 100% of current AMI Low-Income levels will have no contribution requirement. An arborist or Registered Professional Forester will determine which trees need to be felled and possibly covered to kill the larva. Location: The project will serve privately owned residential properties on the western slope of El Dorado County and will be open to all communities, including 17 Communities At Risk and eight Fire Wise Communities. Acres Treated: This program will treat hundreds of acres of beetle infestation. We estimate that the project will encompass 350 residential properties, removing hazardous trees within 150 feet of permitted structures, driveways, and access roads, for an average of 2</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					acres per property. This would result in approximately 700 acres of treatment.
21-FP-VNC-0308	Bell Canyon Fire Safe Council Incorporated	Develop a Fuel/Vegetation Management Plan for Bell Canyon	Ventura	\$33,599.59	<p>The purpose of this project is to develop a fuel/vegetation management plan that can be implemented for the Bell Canyon community and a 100-yard buffer zone around the community. We will begin by updating the vegetation map developed for the 2019 Community Wildfire Risk Analysis project and add to that the unburned and partially burned fuel left from the Woolsey Fire. We will then analyze what needs to be removed with guidance from both a wildfire expert and a forester. Different areas within Bell Canyon will be prioritized. We will then review alternative approaches and develop the right blend of mechanical removal, manual removal with hand tools, controlled burns and grazing, based on the situation and risk involved. Community input will be sought along the way via community meetings and allowing a public comment period for any proposals. Once an approach is determined it will be formalized and a budget developed.</p>
21-FP-VNC-0307	Bell Canyon Fire Safe Council Incorporated	Bell Canyon Chipper Program	Ventura	\$49,234.23	<p>The purpose of this project is to establish a permanent ongoing chipper program supporting centralized community chipping ("Chipper Days") on a fixed schedule</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					as well as chipping at residential locations by appointment. This is to encourage creation and maintenance of defensive space in support of our existing Home Ignition Zone training and inspection program, reducing the risk of home ignition for Bell Canyon residents so they are better able to survive a wildfire.
21-FP-BTU-0021	Butte County Resource Conservation District	Butte County Prescribed and Cultural Fire	Butte*	\$2,386,555.00	The Butte County Prescribed and Cultural Fire project will treat 1,003 acres of wildland-urban interface lands (roughly 60% with prescribed fire, 20% with thinning, and 20% with a combination of thinning and fire). The units to be treated are located in the at-risk communities of Cohasset, Chico, Forest Ranch, and Bangor. Over 120,000 people live in habitable structures in the Project Influence Zone (defined as a 2-mile buffer around the project areas). Most project units are designed to tie into and complement existing or planned treatments, leveraging previous investments by CAL FIRE, Sierra Nevada Conservancy, NRCS-EQIP, landowner contributions, and other sources that funded planning, outreach, and pre-fire thinning. Some units, especially in Bidwell Park, are most suitable for cultural fire (i.e., prescribed fire led by Native fire practitioners to meet specific ecological and cultural objectives while

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>also providing hazardous fuels reduction) and these units are expected to be planned, surveyed, implemented, and/or monitored by the local cultural fire crew (“TEK crew”) which is led by members of the Mechoopda Indian Tribe of Chico Rancheria. Most project units are part of the Cohasset Forest Management Plan, Butte County CWPP/Butte Unit Fire Plan, and/or City of Chico Vegetative Fuels Management Plan.</p>
21-FP-BTU-0205	Butte County Fire Safe Council	Roadside Evacuation Fuel Reduction and WUI Community Protection	Butte*	\$1,999,378.00	<p>The proposed project is a landscape-level Wildland Urban Interface (WUI) fuels reduction project that will treat a total of 945 Acres. The project is located within the WUI communities of Butte County which includes 31 “Communities at Risk” and serves a large area of the County which meets the three steps of designation as a low-income community zone in the State Responsibility Area. The project includes multiple fuels reduction methods at an average cost per acre of \$1,356 when combining all treatments. These acres include: 315 acres of evacuation route fuel reduction along 13 miles of roadway; 120 acres of grazing with contracted herds in strategic areas along roadways; 490 acres of chipper service in defensible space zones and access routes; 20 acres of special needs defensible space fuel reduction</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>conducted by BCFSC staff. The project will encompass seven primary ridges in Butte County, four of which have been impacted by catastrophic wildfire including the communities of Feather Falls, Berry Creek, Concow/Yankee Hill, and Paradise/Magalia. There are three remaining ridges not yet been impacted by catastrophic wildfire which include the communities of Cohasset, Forest Ranch, and Forbestown. The project works in cooperation with the CAL FIRE Butte Unit and other local, state, and federal partners to reduce wildfire risk to the 51,496 habitable structures remaining in the WUI. In the past 5 years, there have been over 100 fatalities and a loss of 36,000 structures due to wildfire. The project fills an essential need by implementing fuels reduction along evacuation routes and in defensible space zones. In addition, the effectiveness of adjacent shaded fuel breaks and hazardous fuels reduction projects will be strengthened by landowner participation throughout the WUI communities. The project leverages multiple partners to implement fuels reduction, increase fire prevention education, increase community resilience, improve public safety, and reduce greenhouse gas emissions. CEQA is complete for</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>most of the project areas however the project will fund 150 acres to add to the project area for additional project acres.</p>
21-FP-TGU-0097	City of Willows	Willows Hazardous Fuels Reduction	Glenn*	\$733,130.00	<p>The Willows Hazardous Fuels Reduction project focused on weed abatement and hazardous fuels reduction efforts within the City of Willows and the surrounding sphere of influence. There are approximately 4 thousand habitable residential units located in the City of Willows and another 1000 estimated commercial units. The City of Willows is 2 square miles, and most of the work will occur within city limits. Our approach to hazardous fuels reduction includes enforcement through education, prescribed fire operations, mandated abatement process, and multiple survey periods ensuring that hazardous fuels remain abated throughout the year. This program has limited the effects of wildfire impact to our community for decades and has ensured that vital county wide resources such as the counties only emergency dispatch center, jail, and acute care hospital are not destroyed from wildfire. With limited fire protection services available, and a densely constructed town, the threat of structure-to-structure driven wildfires is immense. Weed abatement and other hazardous fuels reduction activities is</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>the Willows Fire Departments first line of defense in our mission to protect life, property, limit wildfire growth to 10 acres or less, limit greenhouse gas emissions, and ensure that countywide emergency services infrastructure remains intact. Extreme budget cuts will prevent this program from being implemented in the future without awarded grant funding, placing extreme levels of risk to the community of Willows, and Glenn County as a whole.</p>
21-FP-BTU-0212	County of Butte	WUI Green Waste Disposal Program	Butte*	\$463,811.00	<p>The Wildland Urban Interface (WUI) Green Waste Disposal Program will safely and economically dispose of approximately 2,000 tons of green waste in 12 high fire risk, WUI communities with the use of a curtain air burner. The Neal Road Recycling and Waste Facility (NRRWF) will host the air burner at no cost to property owners in the WUI to support the development of defensible spaces around residential properties, and thus decreasing fire threat to communities. The air burner will reduce the green waste by 95-98% while reducing greenhouse gas emissions and pollutants resulting from traditional burns and hauling waste long distances.</p>
21-FP-SBC-0320	Santa Ynez Band of	Purchase of Tractor and Trailer for Fire	Santa Barbara	\$233,152.09	<p>Advancing the public good through innovation and education. Activities include testing, improving, inventing,</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
	Chumash Indians	Prevention and Fuel Reduction			and scaling solutions for the benefit of nonprofits and government entities. Also, helping to support the economic vitality of our local region by helping to attract entrepreneurs and educational partners to promote and foster job creation and financial security for our community. We are problem-solvers for social good. Most real challenges are multi-faceted and require complex analysis and simultaneous solutions. While our work ranges from addressing environmental challenges, health risks, food security issues, homeland and border security, data collection and analysis, R&D, and nonprofit back-office support, the central theme is our ability to bring together a wide range of volunteers committed to solving problems for the social good
21-FP-LMU-0148	Plumas County Fire Safe Council	Plumas Wildfire Mitigation Assistance Programming	Plumas*	\$3,813,123.00	Located in rural northeastern California, Plumas County is at the headwaters of the State Water Project and includes the ignition sites of the Camp Fire (2018) and the North Complex (2020), as well as the majority of the devastation experienced as a result of the Dixie Fire (2021). The Plumas Wildfire Mitigation Assistance Programming project includes multiple incentive programs that are offered to residents across Plumas County. The programs included are the Community Chipping

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>Program, the Senior/Disabled Defensible Space Assistance Program, a hand crew to enhance outcomes of the Hazardous Fuel Reduction Assistance Program, coordination and equipment in support of the Plumas Underburn Cooperative, and seed funding to pilot a Home Hardening Incentive Program. All assistance programs of the Plumas County Fire Safe Council are designed to incentivize landowner participation and reduce barriers for mitigation actions. The programs are available to the roughly 18,700 residents of Plumas County. Over the four years of the proposed programming, it is anticipated that the Chipping Program will provide services at 1,742 sites and the Defensible Space Assistance Program will bring 933 structures into compliance. Time and equipment in support of the Plumas Underburn Cooperative (PUC) will build momentum at a critical time in this organization’s development and facilitate increases in the number of acres of private lands treated with prescribed fire each year. In the last three years, approximately 30 acres of hand-thinning work on private lands within the WUI have gone untreated due to a lack of local hand thin operators and the unwillingness of out of area operators to take on projects of</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>variable scale. Funding for a local hand crew will ensure that hand thinning is a viable component of Hazardous Fuel Reduction projects and that planned work within the WUI is completed. Across these programs a minimum of 1,973 acres of treatment are anticipated. Finally, the Plumas County CWPP and the Plumas County LHMP have identified a Home Hardening Incentive Program as a high priority mitigation action. The Fire Safe Council is the mitigation partner that has been tasked with undertaking the development of this program for Plumas residents.</p>
21-FP-MRN-0199	Marin Wildfire Prevention Authority	Ross Valley Shaded Fuel Break	Marin*	\$3,250,000.00	<p>The Marin Wildfire Prevention Authority (MWPA) is a local Joint Powers Authority (JPA) consisting of local fire service providers including fire districts, community services districts, cities, towns, and the County of Marin (County). The JPA was formed to lead the development of fire adapted communities with and through the support of its member and partner agencies. Marin County consists of 828 square miles and approximately 262,321 residents, of which 103,399 residents (39.4% of the total population) reside in what is referred to as the Greater Ross Valley, the land area with the potential to impact the greatest number of citizens (2020 Census). In Marin County,</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>approximately 60,000 acres—18% of the County’s land area—falls within the wildland urban interface (WUI) where residences (i.e., homes and structures) are adjacent to or intermixed with open space and wildland vegetation.</p> <p>In Marin, approximately 65% of living units—valued at a combined \$58.5 billion—are located within the WUI. There are 2,772 structures within or adjacent to the proposed project area, and 41,124 living units within the PIZ with a land value of \$17 billion and an improved value of \$33 billion for these properties. Because of the mix and density of structures and natural fuels combined with limited access and egress routes, fire management is more complex in WUI environments. The proposed project would be 1,379 acres (38 miles in total) and provide increased wildfire protection to the residents and key community facilities within and adjacent to the greater Ross Valley in central Marin. 514 acres of wildland-urban interface fuels reduction areas were also included in the CalVTP PSA to provide CEQA coverage for future treatment of these extension zones. This will bring future coverage of this proposed project to a total of 1,893 acres.</p> <p>Due to the size of the County and the level of threat to the large population</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>living within or near the WUI, the MWPA, in partnership with The Greater Ross Valley Fire Agencies (MRN, RVY, KNT, CMD) is seeking to implement a shaded fuel break and forest health restoration project circumnavigating the valley, extending 200 feet from the boundary of structures where the wildland-urban interface meets undeveloped open space lands. The spread of exotic, invasive fire-hazardous vegetation, and decades of dead vegetation accumulation resulting from fire suppression and urban development has created significant wildfire hazards adjacent to all the valley's communities. To mitigate these hazards in a manner that restores forest health and enhances native, fire-resilient plant communities, a comprehensive plan was developed for a future multi-year mitigation effort. This plan includes the implementation of a 200-foot wide, ecologically sensitive shaded fuel-break separating the named communities from adjacent wildlands. The planning process, currently underway, inventoried existing conditions, identified property owners, planned an interconnected forest health restoration approach within the 200-foot fuel break boundary, conducted community outreach, and undertook the</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>necessary CEQA analysis using the CAL VTP EIR PSA process for implementation. The project considers, and builds upon, other projects completed in the last five years in the Unit/Contract County and adds to those efforts.</p> <p>This project also supports the stated goal of the California Strategic Fire Plan, to “Integrate implementation of fire and vegetative fuels management practices consistent with the priorities of landowners and land managers.” As demonstrated by the Marin County Wildfire Preparedness Plan (CWPP), this project will support our ongoing goal to manage vegetation to achieve wildfire resilience. This project will align with the CWPP’s 200’ guideline in order to protect parcels adjacent to large areas of open space (public or private) and large tracts of contiguous vegetation that pose a particular threat from wildfire.</p>
21-FP-BTU-0224	Yankee Hill Fire Safe Council	Granite Ridge Fuel Break - Maintenance and Enhancements	Butte*	\$636,309.00	<p>The Granite Ridge Fuel Break – Maintenance and Enhancements will reduce (120) acres of hazardous fuels, within a planning area of the Concow/Yankee Hill community, a low-income community of Butte County. The habitable structures and population were dramatically reduced from the 2018 Camp Fire and the 2020 North Complex-Bear Fire. Much of the community is displaced while they</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>work to rebuild. We estimate 540 structures with a population of 1,080. Coordinating with multiple partnerships, we've identified a project area with a series of treatment units along strategic ridgelines that tie into BLM federal partners, PG&E, and Butte County Public Works Department's projects that are listed within the Butte County Community Wildfire Protection Plan (CWPP). Tying fuel break sections together strengthens the effectiveness of the fuel reduction work for the community, it enhances the protection for structures minimizing loss, it provides a safer zone for fire responders, and it lessens the impact on other assets related to the watershed, wildlife, and timber resources. The project will support the reduction of greenhouse gas emissions (GHG) by the treatment methods used and the removal of a significant amount of dead tree debris decaying in this area of the community. Building a healthier forest area and encouraging a variety of age tree growth will enhance carbon sequestration. Working with a Registered Professional Forester (RPF), other environmental and archeological consultants will work with us to complete CEQA requirements.</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
21-FP-BDU-0130	SAN BERNARDINO COUNTY FIRE PROTECTION DISTRICT	SBCFPD Fuel Mitigation & Plan Update Project	San Bernardino*	\$1,341,755.00	San Bernardino County Fire Protection District (SBCFPD) will provide hazardous fuel reduction, community wildfire protection, and safety task force planning for six project sites in San Bernardino County. The project aims to reduce fire hazards and increase fire resilience in most threatened communities. SBCFPD, in collaboration with Mt. Baldy Fire Safe Council, Anchor Point Group Fire Management, and Mountain Rim Fire Safe Council identified the following communities in need of fire reduction services: Lake Arrowhead, Crestline, Running Springs, Waterman Canyon, and Mt. Baldy Village (Mt. Baldy Road). The target audience for this project includes residents, community members, trail supporters, and seasonal visitors. The Project's program design encompasses listed collaborative network recommendations, including fuel loading reduction following timber blowdown, curbside drop-off chipping efforts, updates to the Wildland – Urban Interface Pre-Plans (WUIPP) to reflect current threats and conditions, countywide Community Wildfire Protection Plan (CWPP), wildfire fuel modification, manual treatment methods (i.e., use of loppers, chainsaws, and other hand-operated power tools) for thinning and limbing

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					vegetation and removing ladder fuels and hazard trees. Collectively, the Projects will address the problem of increased fire frequency and intensity by implementing hazardous fuel reduction in referenced communities. As a multilevel benefit to the Project, SBCFPD also seeks to update the Wildland – Urban Interface Pre-Plans and the County-Wide CWPP.
21-FP-SKU-0010	Scott River Watershed Council	Scott Valley's WUI Fuel Treatment Project	Siskiyou*	\$594,925.00	The Project concentrates on actions that will remove forest fuels within 500 acres of the Wildland Urban Interface areas (WUI) and will treat 5.25 miles (an additional 125 acres) of roadside to create and connect strategic fuel breaks and reduce the impacts of catastrophic wildfire and decrease possible ember showers within areas of the community at very high risk. By strategically tying into prior work and focusing on treating the most densely forested areas, building off the landowner responsible 100' defensible space to treat an additional 500 acres, and treating 100' buffer on each side of roads for ingress and egress, the Project will connect and enhance past and ongoing fuel reduction work within the Scott Valley. Removal of dead, dying and reducing stocking density of small to medium diameter live trees, fundamentally altering the spatial arrangement of trees to minimize crown-to-crown spread of fire will limit

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications					
Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					the size, intensity and the rate of spread of fire and will increase safety of wildfire evacuation operations for both public and fire personnel.
21-FP-CZU-0086	Highlands Recreation District	Highlands Recreation District - Hazardous Fuel Reduction	San Mateo	\$302,017.00	The goal of the proposed project is to mitigate the threat of wildfire to habitable structures by utilizing goat crews to create an approximate 100' shaded fuel break and reduced fuel buffer zone between Highlands Recreation District (HRD) managed open space and a residential community with very high historical and assessed value. HRD owned open space totals 40 acres directly contiguous to 120 residential properties, and adjacent to nearly 700 additional properties within the district boundaries. The proposed shaded fuel break would provide vegetation treatment and wildfire fuel reduction on approximately 10 acres of oak woodland, chaparral, and grasslands. The treatment will utilize goat crews and hand crews to remove small diameter, suppressed trees (<12" dbh), 50-70% of the brush species and dead/downed woody debris. Cut material will be lopped-and-scattered. Riparian areas and wet areas associated with seeps and springs will be excluded from project activities.
21-FP-SLU-0028	Calif. Dept Parks and Recreation,	Hearst Castle & Fuel Reduction	San Luis Obispo	\$848,719.20	This proposed project would reduce hazardous fuel loads and hazard trees along the WUI at Hearst Castle State

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
	San Luis Obispo Coast District				<p>Historical Monument and the communities of Morro Bay, Los Osos, Cambria, and San Simeon Acres. Project design and oversight will be assisted by a State Park Registered Forester Practitioner (or other RFP based on availability), a State Park certified arborist (ISA), and a State Park Environmental Scientist (Senior Specialist). This project will also improve the ingress/egress at each project site for community members, emergency responders, and a children’s environmental camp (Camp KEEP). Rural residences at all project locations will benefit from fuel reduction and defensible space in case of a larger wildfire.</p> <p>Forest thinning, removal of dead and dying trees, removal of downed woody debris, pile burning, and understory broadcast burning, and disposal of wood would create defensible space around Hearst Castle State Historical Monument and two communities located in Very High fire severity risk zones, one in High severity zone and one in Moderate severity zone. The work would benefit over 30,000 people living in over 20,000 habitable structures. Work would treat forests in an area covering approximately 900 acres, with variable densities and efforts at each forest and in different</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>areas of the forests. This application seeks to continue on current work with an expanding State Park crew and program while funding necessary contract work crews, staff time, and equipment not currently funded. Project application seeks assistance in matching extensive outside funding and efforts to increase capacity and scale.</p>
21-FP-TUU-0120	TULARE COUNTY RESOURCE CONSERVATION DISTRICT	ESHOM	Tulare	\$250,012.00	<p>The project’s goal is to reduce fire fuels creating a critical fuel break within the SRA at “Eshom Valley” in Tulare County. . The aim of the project is to create a fuel break on the north side of Eshom Valley Drive and would extend, northward, the benefits of work already done by CAL FIRE to the south and the USFS to the east. The 4 mile in length – 1,200 acre “Treatment Area” is located on private land. The immediate “Project Area” is 1,200 acres and is designed to protect the communities of Badger, Sierra Glen, and Hartland. The location is three air miles east of Badger and 2 ¾ miles SSW of Hartland. The larger 100 square mile project area has suffered the highest concentration of tree mortality within Tulare County. The County, itself, has the dubious distinction of having the highest number of tree deaths in California. The importance of the fuel break cannot be overstated in</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					protecting the WUI community east of Badger and Hartland, the home of Hartland Christian Camp. The immediate area impacted by the project contains more than 1,500 structures.
21-FP-CZU-0136	San Lorenzo Valley Water District	SLVWD Fire Hardening Critical Water Infrastructure Project	Santa Cruz	\$756,000.00	The San Lorenzo Valley Water District (SLVWD) distribution and treatment system consists of 190 miles of mainline, 55 storage tanks, 32 booster pump stations, 35 pressure zones, 7 well heads, and 2 surface water treatment plants. To mitigate future wildfire risks, SLVWD is seeking to harden critical infrastructure, including wooden pump house structures, water storage tanks, major supply lines, and well sites, as well as reduce hazardous fuel loads surrounding its critical infrastructure. This grant application focuses specifically on hardening SLVWD's 17 pump houses that have flammable components. SLVWD will prepare a standard design for the fire hardening of booster pump station roofs and walls that can be augmented depending upon the infrastructure's location. Fire hardening treatments will involve replacement of wood roofs with steel roofs on all 17 booster pump stations and retrofitting the 9 booster pump structures that have wooden walls with fire resistant materials, anticipated to be concrete block or pre-cast

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>concrete. The 17 booster pump stations provide potable and fire suppression water to approximately 3,100 habitable structures and a population of 11,000, which would experience interruption of service if the stations were damaged by wildfire. Hardening the 17 pump house structures' wood supports and roofing to fire resistant materials will substantially increase fire protection, ensuring water security for public supply and firefighting. Appropriate environmental compliance documentation will be conducted prior to implementation of the project, which is assumed to be a categorical exemption, as discussed further below. During the appropriate seasons, nesting bird and bat surveys for avoidance will be conducted prior to and/or during construction.</p>
21-FP-CZU-0172	North County Fire Authority - City of Brisbane	Brisbane Fuel Break Project	San Mateo*	\$500,000.00	<p>The project would create a shaded fuel break behind homes in the upper portion of Brisbane and would connect into an existing 100 foot by 1,700 foot fuel break, that has already been established and maintained by use of CAL FIRE inmate crews from the Ben Lomond Camp. The project would result in approximately 14 acres of treated area and behind approximately 70 homes.</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
21-FP-CZU-0173	North County Fire Authority - City of Brisbane	Brisbane Wildfire Public Education Program	San Mateo*	\$100,000.00	This public education program would be used to educate the community of Brisbane about the importance preventing, preparing for and how to evacuate during a wildfire event. The program would use social media, print media and other forms of communication. The program would emphasize the understanding and use of Zonehaven and SMC Alert.
21-FP-CZU-0184	North County Fire Authority / City of Pacifica	Pacifica Roadway Vegetation Management	San Mateo	\$200,000.00	The City of Pacifica is surrounded by a Very High Fire Hazard Severity Zone in the SRA to the South and East of our Local Responsible Area. The closest Very High Fire Hazard Severity Zone is on the southern edge of Pacifica near the Linda Mar area. Over the last four years, California has experienced seven of the deadliest and thirteen of the most destructive wildfires in state history. Ember cast from these fires are creating spot fires at historic ranges. While the City of Pacifica is not directly considered a Very High Fire Hazard Severity Zone in the Local Response Area. The community is at a threat of wildfire. Residence, homeowners, business owners, and others who reside or recreate within Pacifica need to have reliable evacuation routes to evade a wildfire during a fire storm. The primary location of this project are residential communities within Pacifica. The City of Pacifica is 12.59

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>Square Miles with a population of 39,141. There are 9,639 Single -family owner occupied homes with a Median home value of \$739,400. The total housing units available within the City of Pacifica are 14,685 this includes apartment style housing.</p>
21-FP-CZU-0185	North County fire Authority / City of Pacifica	Pacifica Public Education	San Mateo	\$100,000.00	<p>Wildfire prevention education efforts aims to teach the public about the dangers of accidentally igniting fires, with the expectation that these activities will lead to fewer wildfires. Wildfire prevention education activities conducted during this time will focus on fires ignited by humans. Additional wildfire prevention material will be focused on prevention efforts to residents related to home hardening, defensible space, wildfire preparedness, and evacuation. Public education material related to wildfire should be delivered through community events, social media, mailers, etc. The intent of the protect is to utilize preexisting educational material and distribute it to the public in each form of available media or workshop. Programs material to be used during the Public Education Campaign include but not limited to CAL FIRE's Ready for Wildfire Program, Ready Set Go Program, Home Hardening material such as the Wildfire Home Retrofit Guide, Zonehavens Community Evacuation</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>Interface, Fire Safe San Mateo County’s Fire Smart Plants, Fire Safe Landscapes, Home hardening material, & SMCAAlerts information. The primary location of this public education campaign will be Pacifica. The City of Pacifica is 12.59 Square Miles with a population of 39,141. There are 9,639 Single -family owner occupied homes with a Median home value of \$739,400. The total housing units available within the City of Pacifica are 14,685 this includes apartment style housing. The City of Pacifica is surrounded by a Very High Fire Hazard Severity Zone in the SRA to the South and East of our Local Responsible Area. The Closest Very High Fire Hazard Severity Zone on the southern edge of Pacifica near the Linda Mar area. Over the last four years, California has experienced seven of the deadliest and thirteen of the most destructive wildfires in state history. Ember cast from these fires are creating spot fires at historic ranges. While the City of Pacifica is not directly considered a Very High Fire Hazard Severity Zone in the Local Response Area. The community is at a threat of wildfire. Residence, homeowners, business owners, and others who reside or recreate within Pacifica need to be aware of the wildfire potential that exist in this coast</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>side community. According to the 2020 Fire Siege Report published by CAL FIRE, the 2020 CZU August Lightning Complex observed long range spotting six miles ahead of the fire area. Similar claims were made for the 2020 North Complex with observed spot fires at five miles from the fire area, 2020 Sequoia Lightning Complex spotting observed well over six miles from the fire area, and 2020 Creek with spotting over 5 miles from the fire area. It is not uncommon for stretch of coastline between Half Moon Bay and Pacifica to received Red Flag wind events. If a fire was to establish in CZU within the Very High Fire Hazard Severity Zone identified by CAL FIRE mapping, Pacifica would be well within the 6-mile range where spotting was observed in the 2020 fire season.</p>
21-FP-CZU-0231	San Francisco Community Agencies Responding to Disaster	Wildfire Education in the Semi Urban Environment	San Mateo	\$554,011.00	<p>San Francisco Community Agencies Responding to Disaster (SF CARD) proposes to deliver Wildfire Prevention and Safety Education to vulnerable communities within San Mateo County. SF CARD has a history of working with nonprofits, fire districts, and government agencies within San Mateo County. Working through and with these trusted sources, SF CARD proposes to reach out to homeowners, tenants, homeowner and neighborhood associations, small businesses and other organizations to</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>increase their awareness of wildfire risk in San Mateo County and educate them on areas such as mitigation, alert systems, evacuation routes, and protecting public spaces. While outreach efforts will be directed to the entirety of San Mateo County, special attention will be directed to the 21 disadvantaged and low income communities within San Mateo County. It has been the experience of SF CARD that these communities do not always receive customized and relevant instructional materials and the opportunity to address the breadth of neighbors in the County is much appreciated.</p>
21-FP-TUU-0252	TULARE COUNTY RESOURCE CONSERVATION DISTRICT	RIVER RIDGE	Tulare	\$269,052.00	<p>The project's goal is to reduce fire fuels and improve clearances in an area threatened by the Pier Fire and the Castle Fire. The goal of the project is to create a better/much needed fuel break along Balch Park Road and State Highway 190 and the Tule River drainage. Upon completion, the project would better protect the communities of Springville, and the SCICON School of Conservation. The 1,200 acre "Treatment Area" is located on the east side Balch Park Road North of Highway 190. The project is located on private land.</p> <p>The 1,200 acre "Project Area" is immediately adjacent to a densely populated DAC WUI community. It</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>includes more than 1500 structures, all are directly dependent upon the effectiveness of the project to create a secure fire fuel break and a safe evacuation route for hundreds of residents. The importance of the fuel break cannot be overstated in protecting the WUI community mentioned.</p>
21-FP-TUU-0248	TULARE COUNTY RESOURCE CONSERVATION DISTRICT	BRUSH TREATMENT	Tulare*	\$21,632.00	<p>The purpose of the grant is to acquire funding for the purchase of a UTV with sprayer for use in all current and future fire prevention projects. The basis of our request is simple ~ “more acres treated at lower costs = healthier forests = safer public and more resilient environment”</p> <p>The TCRCD’s - CAL FIRE / CCI projects cover many acres of SRA across all of Tulare County. The strategically designed projects are intended to 1) protect structures in the WUI and 2) reduce the likelihood of catastrophic wildfire and, 3) to benefit the environment by reducing GHG emissions and promoting carbon sequestration. The Brush Treatment vehicle would greatly advance these goals.</p> <p>The UTV w/sprayer would make re-treating residue much more efficient and extend the life of mechanical fire fuel reduction projects, perhaps doubling the effectiveness and greatly reducing costs.</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
21-FP-TUU-0122	TULARE CO. RESOURCE CONSERVATION DISTRICT	BRUSH HANDLER	Tulare*	\$155,305.00	<p>The purpose of the grant is to acquire funding for the purchase of a Kubota light excavator with forestry grapple for use in all current and future fire prevention projects. The basis of our request is simple ~ “more brush = more acres treated = healthier forests = safer public and more resilient environment”</p> <p>The TCRCD’s - CAL FIRE / CCI projects cover many acres of SRA across all of Tulare County. The strategically designed projects are intended to 1) protect structures in the WUI and 2) reduce the likelihood of catastrophic wildfire and, 3) to benefit the environment by reducing GHG emissions and promoting carbon sequestration. The grapple-excavator would greatly advance these goals. The unit would make handling brush and fire fuel residue much more efficient. Used in combination with our existing District chipper, the machine would expedite project work by reducing much of the hand labor involved. That being stated, the “safety” factor is greatly enhanced by the mechanization of material handling for chipping. The machines, working in concert, can traverse steep slopes where foot traffic is a danger, itself. Likewise, the smaller-sized machine can operate around and near structures with relative ease. Utilizing</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>a grapple excavator is a very cost-effective method for brush disposal. The grapple and excavator is fast becoming an industry standard.</p>
21-FP-LAC-0160	Los Angeles County Fire Department	Los Angeles County Motorway Maintenance	Los Angeles*	\$249,657.00	<p>The Los Angeles County Motorway Maintenance Project is an annual hazardous fuel reduction project to provide access and egress to motorway systems in 6 different regions across Los Angeles County. This grant would allow Los Angeles County Fire to purchase the necessary equipment to maintain these extensive motorway systems covering over 98 miles of motorway treating over 1200 acres of hazardous fuel reduction. Typically, these motorways are treated by a combination of CDCR hand crews and LA County's heavy equipment section. Over the past 4 years LA County CDCR crews have reduced its crew count significantly, from 24 crews staffed a day to 8 crews. This reduction of crew support has made maintaining these essential motorways challenging cutting treated areas down to 70%.</p>
21-FP-RRU-0278	Riverside County Regional Park and Open-Space District	RivCoParks Hazardous Fuels Reduction	Riverside*	\$1,944,300.00	<p>California is prone to wildfires burning large expanses of land quickly and according to CalFire, in 2020 alone there were nearly 9,000 fires that burned over 2.5 million acres across the State of California. In order to mitigate for wildfire damage, the Riverside County Regional Park and</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>Open-Space District (Parks) project goal is to decrease the potential of catastrophic wildfires occurring in the diverse landscapes that Riverside County possesses by reducing flash fuels, creating and improving defensible space around structures and along roadways, removing and thinning dead/dying trees, and conducting vegetation management on over 1200 acres managed by Parks. These efforts across multiple Parks properties will reduce fuels and contribute to the slowing, stopping, and prevention of future wildfires, while also protecting and helping enhance and restore sensitive environmental resources. These efforts would also build resilience in adjacent communities, while restoring ecological health of our native landscapes and watersheds. As Riverside County is home to more than 2.4 million people and over 146 protected plants and animals, Parks project goals assist in providing further protection for the residents throughout the County, in a</p>
21-FP-FKU-0272	SIERRA RESOURCE CONSERVATION DISTRICT	EASTERN FRESNO COUNTY FIRESAFE AND STEWARDSHIP FUELS RE	Fresno	\$150,388.00	<p>This project provides education about fire risk specific to private property owners in Eastern Fresno County with an FRE (Fire Risk Evaluation). FREs are an outreach and education tool to promote responsibility and stewardship of forested natural</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications					
Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					resources in the Wildland to Urban Interface and increase awareness and capacity for fire prevention. They include education on defensible space, home hardening, and stewardship specific to each property with local resources for implementation.
21-FP-FKU-0319	Hanford Fire Department	Hanford Fire Department FLAIM Trainer	Kings*	\$69,313.00	The City of Hanford Fire Department is requesting funding to purchase a totally portable, immersive learning firefighter training solution, FLAIM Trainer. The system utilizes virtual reality while imitating the multi-sensory in the field conditions of a real incident without the high costs from the safety of a classroom. This equipment will be instrumental in addressing the barriers to training our firefighters with a product that doesn't involve producing large amounts of carbon emissions, require water consumption, and eliminates the possibility of run-off contamination.
21-FP-FKU-0349	Hanford Fire Department	Fire Extinguisher Virtual Training	Kings	\$10,725.00	Through the use of a virtual, high fidelity fire environment, and a "fire extinguisher" real time physical interface, the Hanford Fire Department will conduct community education workshops on fire extinguisher use and fire safety with the goal of reducing the risk of wildfire to owners of structures.
21-FP-BTU-0211	County of Butte	Butte County Roadside Fuel Reduction Project	Butte*	\$459,652.00	The Butte County Roadside Fuel Reduction Project is a vegetation treatment project on portions of 58

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>county evacuation roads, and includes the purchase of spraying equipment. The selected priority roadways for the project are primary evacuation roads in forest, foothill, and valley areas based on prevalence of ignitable vegetation and fire risk levels. Prevention of vegetative growth is a key strategy in the system of fuel reduction, and one not fully realized in the county due to lack of necessary equipment. This project will fund the purchase of a vehicle and affixed spraying equipment, as well as a parking shelter to protect the equipment.</p>
21-FP-NEU-0132	Yuba Watershed Protection and Fire Safe Council	Yuba Foothills WUI Fuels Reduction	Yuba*	\$3,568,072.00	<p>This hazardous fuels reduction project will build resilience and reduce wildfire risk in low-income Yuba County foothill communities. The Yuba Watershed Protection and Fire Safe Council (YWPFSC) is the lead applicant for the collaborative Yuba Foothills WUI Fuels Reduction Project, which focuses on roadside fuels reduction and public outreach and will include coordination with Yuba County, Yuba Water Agency, local fire districts, and community members. Vegetative fuels including brush and small trees up to 12" diameter will be removed along all Yuba County, County Service Area (CSA), and private roads within the five eastern Yuba County Fire Districts for a total of approximately 1,100</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>acres, reducing potential wildfire intensity and rate of spread while improving public safety for egress of evacuating residents and ingress of responding emergency personnel. Treatments will go beyond simply the rights-of-way to include buffer areas of up to 150 feet on either side of county roads and 30 feet on either side of CSA and private roads. These extended buffers are critical to reducing ignition probability along roadsides and providing safe evacuation routes in case of wildfire. The project area will focus on densely populated areas designated as Core Wildland Urban Interface (WUI) in the 2014 Yuba County Foothills Community Wildfire Protection Plan that overlap with areas of high-density ladder fuels in the Dobbins-Oregon House area. The Project Influence Zone totals 44,638 acres, contains 1,823 habitable structures, and is 79.8% low-income. All roadside treatment areas are located on SRA lands and are entirely within areas classified as a Very High Fire Hazard Severity Zone. This project is consistent with multiple fire and regional plans, will increase the effectiveness of current fire-prevention activities in the region, such as fuel-break creation and ongoing community-level fire prevention</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>programs, and will augment an existing fuels reduction and restoration planning tool to guide future fire mitigation and forest health improvement efforts.</p>
21-FP-TGU-0157	Resource Conservation District of Tehama County	Project Name: Manton/Mill Creek/Surrey Village & Wilcox Community Improvement	Tehama*	\$4,997,462.00	<p>The Manton/Mill Creek/Surrey Village & Wilcox Subdivision Community Improvement, Maintenance and Development Project (Project) will result in the improvement and, as appropriate, expansion of in place fire management infrastructure that protects the communities of Manton/Forward Valley, Paynes Creek, and Mill Creek in eastern Tehama County along with the Surrey Village and Wilcox Subdivision development in Red Bluff. The goal of these efforts is to improve protection of these communities as well as ingress by firefighting personnel and egress by evacuating residents during wildfire events. Proposed Project work in the vicinity of Manton/Forward Valley and Paynes Creek entails the retreatment and, where necessary, expansion of fuel breaks along Lanes Valley Road, Forward Road and Forwards Mill Road. Once this work has been completed and once growing season has passed, State and County approved herbicide will be applied to treatment areas to increase the useful life of</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>these treatments.</p> <p>Project work in and immediately adjacent to the Mill Creek community will result in the development of defensible space around structures within that community along with roadside treatments adjacent to a segment of State Route 172 that passes through that developed area. Several secondary roads within Mill Creek’s urban core will be treated as needed. See Map 1: Project Area Generalized Overview and Map 2: Project Area</p> <p>Overview for Manton, Paynes Creek and Mill Creek Communities. Project work within the Surrey Village development will result in the implementation of various defensible space treatments around homes and the creation of communitywide fire protection measures (roadside treatments, and other vegetation management efforts), see Map 3: Project Area Overview Surrey Village & Wilcox Subdivision Defensible Space and</p> <p>Roadside Vegetation Treatments Component. Improving fire/fuels management features within and around these four communities will provide direct protection from fire impacts to communities and their residents. At the same time, various scattered</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>ranchettes, homesites and other developed parcels near community centers along with watershed resources will be better protected from recurring wildfire. The following shows the population and number of habitable structures within each of the four focus communities.</p> <p>Manton/Forward Valley Full Time Population 380 Habitable Structures 220</p> <p>Paynes Creek Full Time Population 78 Habitable Structures 522</p> <p>Mill Creek Full Time Population 42 Habitable Structures 87</p> <p>Surrey Village & Wilcox Full Time Population 1644 Habitable Structure 411</p>
21-FP-RRU-0234	County of Riverside	Elsinore Front Country Fuel Break Phase 2	Riverside*	\$3,134,826.00	<p>This project will continue the construction of an approximately 300-foot wide fuel break which spans a linear distance of 21.5 miles adjacent to a Wildland Urban Interface (WUI) area located directly west of the Wildomar, Lake Elsinore, Lakeland Village, Horsethief Canyon, Temescal Canyon and Trilogy communities and east of the Cleveland National Forest boundary in the area of Riverside County known as the Elsinore Front Country (EFC). The total project area consists of almost 5896 total acres and involves 523 parcels of land and 1,057 treatment acreage which will</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>reduce the risk of fire hazard for 6,000 habitable structures. The California Environmental Quality Act (CEQA) documentation has been completed for the entire project area in accordance with the Cal VTP EIR process. A total of 189 landowner participation agreements have been received to do fuel break treatment on their property however, biological studies were only completed to allow work on 22 parcels in Phase 1 where approximately 70 acres have been treated. Riverside County Fire Department (RCFD) would like to continue the fuel break project through additional biological and environmental studies for the remaining 167 parcels and continue to do outreach to other landowners in the area that have been identified as potential areas for treatment as well as reassess the maintenance needs of the original treated area. This project will reduce the risk of wildfires that naturally occur and are further accentuated by the wind and weather patterns in the area. The primary goals and objectives continue to be eliminating wildfire starts, catching wildfires before they move into wildland and/or urban areas and facilitating firefighting efforts and general public safety. All of the strategies of this project will contribute to reduced Greenhouse Gas (GHG)</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					emissions resulting from wildfires and increased carbon storage and sequestration over time.
21-FP-KRN-0187	Farmworkers Institute of Education and Leadership Development	GTM Roadside Fire Fuel Reduction (GTM-RFR)	Kern*	\$663,075.20	The Cesar Chavez Environmental Corps (CCEC), a program of a non-profit called FIELD, is a State and Federally funded 21st Century Service and Conservation Corps based in Kern County. CCEC shares FIELD's purpose "to empower the under-served to be self-sufficient." CCEC was created to provide FIELD students, and other under-served youth in Kern County, with opportunities to integrate classroom skills into adulthood, careers, further education and training. CCEC is led and supervised by land management and conservation management professionals with over 30 years of experience. CCEC trains, educates and employs a cost-effective labor force of young adults that tackle environmentally-related and recycling projects. Corps members participate in projects focusing on outdoor activities ranging from landscaping to trail building. CCEC aims to improve the state's natural resources and creates awareness and appreciation for the environment among its participants. FIELD proposes to provide the GTM Roadside Fire Fuel Reduction initiative. Specifically, roadside vegetation clearance in critical

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>locations to reduce wildfire ignition, intensity, rate of spread and modification of vegetation and to provide for safer ingress and egress for the evacuation of residents and emergency personnel response within the Greater Tehachapi Mountain communities of Alpine Forest, Golden Hills, Stallion Springs, Golden Hills, and the connecting roads of the Cummings Valley. These communities are labeled as either high or very high hazard fuel areas and located within the Wildland Urban Interface (WUI). All of these areas are within the State Responsibility Area (SRA) and have significant undergrowth and vegetation that has either never been cleared or has not been cleared in a long time. These circumstances include heat waves and high wind days that work their way through the mountains of these communities. This work will be done through the use of 970 acres of roadside fire fuel reduction that includes fire crew access corridors and along contour lines with an accumulated effect of increasing fire crew access and lessening fire severity through these areas. Two crews will be utilized to carry out the project consisting of 2 corps members per crew, 1 crew lead per crew, and 1 supervisor overseeing all crews for a total of 7 individuals. No funds will be</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					used to create roads, as defined as a prohibited item by CAL FIRE grant requirements.
21-FP-BTU-0206	Butte County Fire Safe Council	Hazardous Fuels Reduction for Camp and North Complex Fires	Butte*	\$1,499,949.00	This is a landscape-level Wildland Urban Interface (WUI) fuels reduction project within the footprint of the Camp Fire (2018) and the North Complex Fires (2020). Combined, these fires have burned 304,896 acres, which is over half of the WUI communities and most of the forests in Butte County. The 12 communities which were impacted include; Pulga, Concow, Yankee Hill, Town of Paradise, Paradise Pines-De Sabla, Magalia, Lovelock, Butte Creek Canyon, Butte Valley, Berry Creek, Cherokee, and Feather Falls. There are multiple strategic fuels reduction treatments totaling 985 acres with an average cost of \$855/acre. The project will reduce hazardous fuels on 180 acres with mastication, 200 acres of grazing, and 490 acres of defensible space chipping. The project will remove 95 acres of hazardous dead and dying trees impacted by wildfire resulting in 395 hazardous trees removed. The project will leverage CEQA compliance on 150 acres of fuels implementation. The vegetation in the proposed 985 acres of the project area has been severely damaged by fire. Dead and dying trees continue to pose a threat to public safety, infrastructure,

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>roadways, and assets at risk within the Camp Fire footprint as new growth intermixes with standing dead, vertical fuels. Vegetation in the North Complex experienced high intensity burning across most of the landscape, with pockets of low intensity burn – the result of the North Complex is a scenario of severe tree mortality and hazardous brush. Moreover, vegetation damaged by the Camp Fire is in its fourth year of regrowth nested within the remaining burned standing burned forest. The project is located in both State Responsibility Area (SRA) and Local Responsibility Areas (LRA). The project has been designed in cooperation with the CAL FIRE Butte Unit, a local Registered Professional Forester (RPF), and additional local, state, and federal partners collaborating to reduce future wildfire risks.</p>
21-FP-AEU-0073	El Dorado County Fire Safe Council	South El Dorado County Fuel Reduction	El Dorado*	\$2,079,887.00	<p>The South El Dorado County Fuel Reduction project will create four shaded fuel breaks and will reduce hazardous fuels along eight priority roads within six contiguous Associate Fire Safe Councils (FSC) within the southern portion of El Dorado County (Aukum Fairplay FSC, Diamond Springs FSC, Oak Hill Area FSC and Omo Ranch FSC). The project is designed to (1) increase wildfire resilience and provide strategic</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>locations for firefighters to control a wildfire within a wildland/urban intermix portion of the County, (2) improve emergency access for firefighters and other emergency vehicles in the event of a wildfire, (3) directly improve emergency egress for 10,600 residents and indirectly for over 16,700 residents in this portion of El Dorado County and (4) reduce roadway-related wildfire ignitions. In conjunction with the project the fire safe councils will conduct wildfire education outreach and inform residents within the area about the project and how to reduce hazardous fuels along local neighborhood roads. The project will reduce greenhouse gas emissions by chipping or appropriately disposing of hazardous vegetation (minimizing burning this material) and by improving the growth and carbon sequestration potential of residual trees. Through improving wildfire resiliency, the project will also reduce future greenhouse gas emissions in the event of a wildfire.</p> <p>Location: The project is located within El Dorado County, in portions of T8N, R11, 12 and 13E, T9N, R.11 and 12E and T10N, R.10 and 11E, MDMB.</p> <p>Habitable Structures: There are 4,813 residences in the project area and the immediate vicinity of the project. These structures are provided access</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>either directly from or indirectly from the roads that will have hazardous fuel reduction accomplished and will benefit from the improved fire resilience resulting from the shaded fuel breaks. There are three Communities at Risk within the project (Diamond Springs, Omo Ranch, and Outingdale) that will benefit from the shaded fuel breaks proposed in this project. Acres Treated: The Treatment Influence Zone (TIZ) encompasses 845 acres. The shaded fuel breaks contain 447 acres. The roadside fuel reduction portion includes 32.8 miles of collector and arterial roads and contains 398 acres. The Project Influence Zone (PIZ) encompasses an area of approximately 87,141 acres.</p>
21-FP-LAC-0080	Operation Flame	Brush clearance and fire prevention.	Los Angeles*	\$3,255,809.00	<p>Operation Flame will conduct a 6,000 acre fuel reduction in the northern portion of Santa Clarita ranging from Plum Canyon, Bouquet Canyon, up towards North Skyline Ranch, and Sand Canyon. This fuel abatement will preserve all local habitable structures within city limits such as electrical towers, public schools, commercial residences and local communities of home owners. Operation Flame will conduct this fuel reduction without the use of live fire. Operation Flame will utilize hand crews, hand tools and a chipper to eliminate bio mass.</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
21-FP-TUU-0251	TULARE COUNTY RESOURCE CONSERVATION DISTRICT	KAWEAH	Tulare	\$252,980.00	<p>The project's goal is to reduce fire fuels and improve clearances in an area is routinely threatened by wildfire. The goal of the project is to create a better/much needed fuel break along State Highway 198 and the Kaweah River drainage from the community of Lemon Cave to Three Rivers. Upon completion, the project would better protect the wildland, both communities and recreational facilities along the river. The 600 acre "Treatment Area" is located on along Highway 198 between the two communities. The project is located primarily on private land.</p> <p>The 600 acre "Project Area" is immediately adjacent to a densely populated WUI community. It includes more than 2500 structures, all are directly dependent upon the effectiveness of the project to create a secure fire fuel break and a safe evacuation route for thousands of residents and travelers to Sequoia NP. The importance of the fuel break cannot be overstated in protecting the WUI community mentioned.</p>
21-FP-TUU-0253	TULARE COUNTY RESOURCE CONSERVATION DISTRICT	TULE	Tulare*	\$265,804.00	<p>The project's goal is to reduce fire fuels and improve clearances in an area threatened by the Pier Fire and the Castle Fire. The goal of the project is to create a better/much needed fuel break along State</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>Highway 190 and the Tule River drainage. Upon completion, the project would better protect the communities of Springville, NS Success Valley. The 600 acre "Treatment Area" is located on each side Pleasant Oak Drive and Globe Drive on private land. The 600 acre "Project Area" is immediately adjacent to a densely populated WUI community. It includes more than 500 structures, all are directly dependent upon the effectiveness of the project to create a secure fire fuel break and a safe evacuation route for hundreds of residents. The importance of the fuel break cannot be overstated in protecting the WUI community mentioned.</p>
21-FP-TCU-0288	Tuolumne Fire Safe Council	Summerville High Area Fuels Reduction	Tuolumne	\$396,539.00	<p>The Summerville High Area Fuels Reduction project will treat the Summerville Union High School District's main campus in the township of Tuolumne City and wildfire risk property adjacent to the campus's southern boundary. This will be an 104 acre project. Summerville High is one of the three most wildfire at risk public school campuses in Tuolumne County. Treating the Summerville High campus and the adjacent property will allow students, teachers, and staff to shelter in place in the event of a wildfire. Treatment will also lessen severity of wildfire in the area and the resulting</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					release of Greenhouse Gas emissions.
21-FP-LAC-0098	Los Angeles County Fire Department	Tonner Cyn	Los Angeles	\$109,881.00	This project includes approximately 351.5 acres of treatment. Treatment of the project area will implement the use of Rx fire of 138.8 acres and 212.7 acres of mastication, pile burning, hand crews for selective brush thinning, dead, dying, and diseased tree removal, preparation of control lines, maintenance of existing dirt roads and fuel breaks, goats and prescribed herbivory and no treatment areas. The objective of this grant is to purchase equipment to support the prescribed fire portion of this project and future projects. Los Angeles County is seeking \$109,881 to fund the purchase of a UAS Fire Ignition System and a side-by-side support vehicle. The side by side would be used as a support vehicle for our Terra Torch. Allowing us to access areas with the Terra Torch that we could not access with a pickup.
21-FP-NEU-0240	County of Nevada	Woodpecker Ravine Shaded Fuel Break	Nevada*	\$3,679,088.00	The Woodpecker Ravine Shaded Fuel Break project was identified in the 2020 and 2021 Nevada-Yuba-Placer Unit's Strategic Plan and has previously been identified in past Battalion 12 Ignition Management Plans. Woodpecker Ravine is located within high and very high fire severity zones just southeast of Grass Valley in Nevada County. The area is flanked

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>by State Highway 49 to the east and State Highway 174 to the north. Within the project Treatment Influence Zone are 711 homes valued at \$168,390,283 and nearly 2,200 homes are in the 1-mile Project Influence Zone valued at \$535,834,594. The two major evacuation routes in the Woodpecker Ravine are Lower Colfax Road and Rattlesnake Road; both lead to Highway 174, or south to other major roads such as Mt. Olive and Dog Bar Roads. The area's terrain and land slopes affect its susceptibility to wildfire spread. The volume of untreated vegetation within the Woodpecker Ravine and its steep drainage make it a prime location for fuels treatment. The County of Nevada aims to treat a strategic 754 acres, prioritizing critical infrastructure, evacuation routes, and strategic ridges.</p> <p>The County of Nevada has applied for FEMA's Building Resilient Infrastructure and Communities (BRIC) grant program and seeks to utilize this CAL FIRE grant to serve as a local match for a portion of the project. The County of Nevada partnered with the Nevada-Yuba-Placer Unit when developing the federal grant application to identify a treatment priority of the unit that aligned with the goals and objectives</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>of the BRIC grant. The application submitted is for a multifaceted \$43 million project that proposes geographically targeted fuel modification and home hardening, coupled with a robust community education and engagement campaign. Nevada County will incorporate art and science to generate conversation and action around what it means to live in a changing forest and how to create a more resilient, fire-adapted community in the face of this change. The BRIC grant aims to provide home-hardening to nearly 1,300 residences and defensible space assistance treating approximately 2,102 acres. If funded, homeowners within the project footprint will have access to a cost-share program which will provide 70% cash-match incentives to residents up to \$20,000 for home-hardening and \$6,000 for defensible space implementation. 30% match is required by the applicant and Nevada County seeks Climate Change Investment funds through the CAL FIRE Fire Prevention program to complement this federal funding and make this project possible.</p>
21-FP-TUU-0250	TULARE COUNTY RESOURCE CONSERVATION DISTRICT	BOYD	Tulare	\$203,140.00	<p>The project's goal is to reduce fire fuels and improve clearances in a strategic portion of the SRA tying the Badger-Miramonte Fire Control Road to State Highway 245 and back to</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>Mountain Road 152 (Drum Valley Rd.). The goal of the project is to create a better/much needed fuel break along State Highway 245 near the Badger CAL FIRE Station. Upon completion, the project would better protect the communities of Badger, Mountain House, Sierra Glen, Pinehurst and Miramonte. The 500 acre "Treatment Area" is located on each side of State Highway 245 on private land. The 2,000 acre "Project Area" is immediately adjacent to Badger. It includes more than 150 structures including CDF's Badger Station. More than 550 structures in the area are directly dependent upon the effectiveness of the project to create a secure fire break and a safe evacuation route. The importance of the fuel break cannot be overstated in protecting the WUI communities mentioned. The area impacted by and benefitting from the project contains more than 2,000 structures.</p>
21-FP-SKU-0181	Fire Safe Council of Siskiyou County	Dunsmuir Fuels Mitigation	Siskiyou*	\$879,927.00	<p>The Dunsmuir Fuels Mitigation Project will reduce hazardous fuels in the Dunsmuir Wildland-Urban Interface in the City of Dunsmuir located in southern Siskiyou County. The project will seek environmental compliance on approximately 690 acres in the community with a subset of that area, approximately 183 acres, receiving on-the-ground fuel reduction treatments.</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>The approximately 510 acres that will only obtain CEQA compliance and landowner access agreements will not receive on-the-ground treatments through this grant, but will be in position to seek funding for treatments in the future. The project is prioritized based on the Dunsmuir Community Wildfire Protection Plan and will carry out hazardous fuel reduction treatments adjacent to the primary evacuation roads to provide for greater safety of citizens and firefighters during evacuation in the event of an inevitable wildfire in the steep, heavily forested Sacramento River canyon. The fuels treatment will reduce wildfire hazard and potential damage to approximately 1,500 habitable structures, critical business and city infrastructure and improve life safety for 2,200 residents in the at-risk, low-income communities of Dunsmuir, south Dunsmuir and Castella.</p>
21-FP-BEU-0007	Resource Conservation District of Monterey County	Carmel Valley Fuelbreak Project	Monterey	\$3,667,248.00	<p>The Carmel Valley Fuel break Project is a large, multi-element fuels hazard reduction project focusing on maintaining wildfire safety for the communities in Carmel Valley. This project will maintain fuel breaks installed during the Soberanes and Carmel Fires for easier future use, focused community fuels treatments in large neighborhood areas of the Valley, enhanced emergency egress</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					through roadside vegetation treatments in strategic areas of Carmel Valley, invasive plant mapping and treatment, and provide engineering assistance to analyze secondary evacuation routes for four communities in Carmel Valley.
21-FP-LAC-0186	U.S. Green Building Council Los Angeles	Wildfire Defense Education & Tours	Los Angeles*	\$299,342.00	USGBC-LA will provide the Wildfire Defense Education and Tours Program to address the needs of residents in the WUI to reduce fire risk through homeowner education combined with contractor certifications. In the WUI, homeowners and prospective homeowners need to understand the inherent risks in these locations, typically turning to professionals for direction when they remodel their homes. At these critical moments, informed building and landscaping design and maintenance best practices can help save lives and properties by building homeowner awareness while developing professional expertise in the form of certified contractors and landscapers. In addition to empowering professionals in the building industry to reduce risk, this program provides the general public practical know-how and access to dynamic, localized information in the form of tours to help disseminate knowledge. The content of the certification program is designed to educate contractors and

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>landscapers on how to best harden homes to fire and create defensive landscapes. With this grant, we will develop, expand and deliver technical workshops to certify contractors and landscapers to help reduce fire risk in homes. USGBC-LA will expand a set of training, with certifications, in English and Spanish which will, in turn, create "Wildfire Defense" Contractors and Landscapers. The education classes and tours will be offered to cities with the greatest exposure and risk in LA County including Agoura Hills, Arcadia, Beverly Hills, Burbank, Calabasas, Claremont, Covina, Culver City, Diamond Bar, Duarte, Glendale, Glendora, Irwindale, La Canãda-Flintridge, La Habra Heights, La Mirada, La Verne, Los Angeles, Malibu, Monrovia, Palmdale, Palos Verdes Estates, Pasadena, Pomona, Rancho Palos Verdes, Rolling Hills, San Dimas, Santa Clarita, Sierra Madre, Walnut, West Covina, Westlake Village, Whittier.</p>
21-FP-MEU-0313	Sherwood Valley Band of Pomo Indians	Sherwood Valley Tribal Wildfire Prevention Plan	Mendocino*	\$140,163.00	<p>Sherwood Valley Rancheria is a low-income disadvantaged community that is in need of assistance to create strategic wildfire planning documents and to implement public education and outreach programs around fire prevention. These 611 acres of tribal lands are home to hundreds of</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>members that lack the funds and knowledge necessary to establish defensible space, reduce hazardous fuels and decrease current risks of a devastating wildfire. The development of this CWPP will reduce the wildfire hazards by performing a thorough analysis of the residential, community and forested lands. This will allow the tribe to efficiently and affectively identify and prioritize fuels reduction activities for the future. Educational meetings and onsite workshops will be planned as the CWPP is developed. Input and collaboration from the surrounding communities of Willits and Brooktrails fire districts will be sought in order to foster a cohesive plan. These planning and prevention activities will help safeguard the tribal lands and surrounding communities from the risks of fire and its ability to rapidly spread and bring devastation.</p>
21-FP-LAC-0191	Entertainment Industry Foundation	Defy Disaster Wildfire Prevention Education PSA Campaign	Los Angeles*	\$863,427.00	<p>For this project, we would like to partner with CALFIRE on a major PSA campaign to increase wildfire safety for the public throughout the State. Messages would appear in a strategically orchestrated comprehensive campaign on radio, TV, and out-of-home mediums in the areas of California that are disadvantaged, low income and most affected by wildfires. In addition, we will create a Wildfire prevention PSA</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>site, work with a PR agency, blanket local schools with educational material and create and distribute promotional swag. In collaboration with CALFIRE and its communications team, our focused effort would fully penetrate markets that are vulnerable to wildfires so that the public can receive up-to-the minute information on such things as paths to safety, supplies to have in a home and/or car, current local threat level, fire hazard severity rankings, live updates on nearby wildfires, etc. This project would last for 12 months and would be located throughout California to those communities that need it most. The Entertainment Industry Foundation (EIF) is the entertainment community's trusted partner in philanthropy. For 80 years EIF has provided disaster response relief. Under the program Defy: Disaster, we work to prevent, mitigate and heal from disaster devastation with a focus on the most vulnerable, underserved marginalized communities.</p>
21-FP-LAC-0229	Social and Environmental Entrepreneurs	Conservation Concierges Project - Phase 2	Los Angeles	\$1,600,000.00	<p>Conservation Concierges Project and Fire Safe Council understands the seriousness of year-round fire danger is forcing us to take a preventative approach in our communities. Project headquarters in Chatsworth Lake Manor unincorporated LA County, program service to 12 communities 4 main project sites overall span 4000</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>acres, treatment focus 2000 acres in the 27th State District of LA County. Due to extreme heat and drought conditions, there has been a surge for the need of hazardous fuel reduction programming. Implementing year-round season by season fire prevention safety measures and increasing the amount of terrain to be cleared prior to the event of a catastrophic fire. The importance of restoring the endemic ecology of our local chaparral regions will reduce fire danger through vegetation removal. Conservation Concierges Project development model is based on prior and existing experience through Workforce development for job creation. Policy and legislation measures for job development focused on the upliftment of adverse communities including returning citizens and dislocated workers. In our experience and history of our concept of the CC Job model is to create jobs that reach the needs of residents in disenfranchised communities and our success rates for long term career pathways are proven as methods for success. We have actively operated as community liaisons and bridged pathways to unify non-profits, government related officials and community groups that successfully launched wildland firefighter and fuel</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>mitigation, shovel ready programs training over 80 individuals to become wildland firefighters. Our involvement in those programs was displayed as an example for the rights of those workers and also encouraged the passing of the California State Bill AB2147 that allows the opportunity to become a firefighter to former previously incarcerated individuals. The Conservation Concierges Project proposes to create, or update, a long-term fire hazard reduction planning involving communities in the Top Tier Fire Hazard Severity Zones recognized by our local district Officials Such as Board of Supervisors President Kathryn Barger Dist. 5, Los Angeles County and State Senator Henry Stern Dist. 27. The importance of the ongoing Local Hazard Mitigation Plan is providing elements of increasing safety for the public and first responders.</p>
21-FP-AEU-0335	Alpine County	Turtle Rock Park Biomass Collection Site	Alpine*	\$120,810.00	<p>The Turtle Rock Park Biomass Collection Site provides a location to collect green waste and biomass that is cleared from private property to create defensible space and thereby reduce wildland fire risk. It operates two times per season, in the spring and fall, for approximately 6-8 weeks at a time. There are estimated 800 residential dwellings within this area. Approximately 130 of these utilize the</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>facility to dispose of materials in order to create defensible space on their properties. Annually an estimated 190 acres are treated with 4000 to 7000 yards of biomass collected, processed and removed for composting.</p>
21-FP-TUU-0254	TULARE COUNTY RESOURCE CONSERVATION DISTRICT	PIINE FLAT / PANORAMA	Tulare*	\$233,212.00	<p>The project's goal is to reduce fire fuels and improve clearances in an area has been historically threatened by wildfire. The goal of the project is to create a better/much needed fuel break along County Roads and through private lands to encircle the communities of Pine Flat and Panorama. Upon completion, the project would better protect the wildland, both communities and recreational facilities. The two-200 acre "Treatment Areas" encircle each community.</p> <p>The 400 acre "Project Area" is immediately adjacent to two densely populated WUI communities. It includes more than 500 structures, all are directly dependent upon the effectiveness of the project to create a secure fire fuel break and a safe evacuation route for hundreds of residents and travelers to Sequoia NF. The importance of the fuel break cannot be overstated in protecting the WUI community mentioned.</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
21-FP-FKU-0106	Highway 168 Fire Safe Council	Lost Bluff Fuel Break	Fresno	\$1,548,708. 00	<p>The Highway 168 Fire Safe Council is partnering with Southern California Edison (SCE) and the Sierra Resource Conservation District (SRCD) to apply for the funding of a 12 mile long, 588-acre shaded fuel break that borders the ridgeline east of Blue Canyon in eastern Fresno County. The canyon contains steep topography with contiguous fuels consisting of heavy brush and snags resulting from severe tree mortality. The SRA lands in the Dinkey Creek region to the northeast are listed as Very High Fire Hazard Severity on the Cal Fire FHSZ map and Dinkey Creek is listed as a “community at risk” by the Office of the State Fire Marshall. The fuels, topography, and prevailing wind patterns of Blue Canyon pose an alarming wildfire threat to the residents and forestlands of Dinkey Creek. The strategic path of this fuel break provides a key component in the fire protection plan for the region and will assist fire agencies in the protection of the Dinkey Creek community and resources. The Dinkey Creek region and the project is located 3.5 miles east of the 379,895-acre 2020 Creek Fire footprint, and 7.5 miles north of the 151,535-acre 2015 Rough Fire footprint. The regions mixed conifer forests are a green oasis between two recent large acreage catastrophic</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>fires. The project will bolster SCE, Cal Fire and USFS regional fuel breaks and treatments, and is a critical piece of a fire planning partnership whose goal is to prevent the region from burning in a catastrophic fire. The Dinkey Creek community is primarily accessed using Dinkey Creek Road, the primary evacuation route according to the Fresno County Sheriff's department. There are no other paved, well-maintained roads that allow evacuees to exit the region toward civilization. The fuel breaks location is intended to slow or stop a fire, and increase the ability to successfully evacuate the community. The fuel break path follows prominent ridgelines and is located adjacent to or near maintained forest roads and several perennial water sources for fire crews to utilize. The treatment prescription reduces fuel continuity and decreases the likelihood of a crown fire. It is designed to provide fire crews the ability to access, work, and safely escape if necessary. Most of the project (90%) is located on SCE and Grand Bluffs private forestlands. The remaining 10% is located on USFS. These USFS portions currently have existing NEPA and the USFS has agreed to work with the Fire Safe Council to allow roadside hazard work be performed. The Grand Bluffs</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>Property has several small homeowner parcels and a large portion of forest under conservation easement with the SRCD. The SRCD and Grand Bluffs homeowners see the fuel break as an opportunity to protect years of investment in forest management as well as their homes from the threat of a wildfire. SCE Forestry also sees the fuel break as an opportunity to bolster its treatments and fortifications against the threat of wildfire emerging from Blue Canyon. SCE has agreed to provide RPF oversight and forest practice on the SCE lands portion of the project at no cost to the grant. In addition, SCE and Cal Fire have a current Vegetation Management Plan (VMP) on SCE forestlands and have already begun performing prescribed fire treatments within several units directly adjacent to portions of the proposed fuel break, further widening its effectiveness.</p>
21-FP-MEU-0213	Round Valley Indian Tribes	Murphy Ridge Fuel Break - Phase 1	Mendocino*	\$303,674.00	<p>The Murphy Ridge Fuel Break – Phase 1 will construct a 188 acre shaded fuel break on Murphy Ridge east of Covelo, California. RVIT is requesting CAL FIRE funding to support 139 acres of this work and is providing a match through BIA funding for the remaining 49 acres of hazardous fuels reduction. Hazardous fuels reduction will occur across two ownerships – the Round Valley Indian</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>Tribes (RVIT) and Redwood Empire. The goal of the project is to protect the rural community of Covelo from wind-driven wildfires by reducing the horizontal and vertical continuity of fuels. Phase 1 of the Murphy Ridge fuel break will reduce wildfire hazard for 300 habitable structures within the Project Influence Zone and for the adjacent community of Covelo which has a population of 1,140. Following completion of Phase 1, the RVIT will apply for implementation of Phase 2 of the fuel break. The completed fuel break after both phases will be 583 acres, will vary between 600' and 2000' wide, depending on topographical features, and will be three miles long. The completed fuel break will provide a large scale, and strategically located anchor point for the suppression of high intensity wildfires as well as setting the stage for low intensity prescribed fires and managed wildfires. Greenhouse gas emissions are reduced when opportunities to reintroduce low intensity fire on the landscape are increased and when stand-replacing fire events are avoided.</p>
21-FP-SHU-0111	Western Shasta Resource Conservation District	China Gulch Fuels Reduction Project Phase II	Shasta*	\$3,215,469.00	The Western Shasta Resource Conservation District (WSRCD) seeks funding to maintain and restore a critical fuel break that serves to protect multiple communities located in

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>southwest Redding and Happy Valley. The China Gulch Shaded Fuel Break was originally created in 2019 as an emergency fuels reduction project mandated by the Governor under Executive Order N-05-19. This fuel break was identified as one of the priority fuels reduction projects in 2019. WSRCD was allocated \$1.5 million for the initial treatment, which was used to complete 290 acres of the 530-acre fuel break, as specified in the 45-day plan (CAL FIRE 2019).</p> <p>The recent fire history of the project area demonstrates the area is prone to frequent, fast-moving fires with great potential for rapid growth and property damage. Recent fires in the area include the 2020 Zogg Fire in Igo which killed 4 people, destroyed 204 structures and burned 15,000 acres within the first 24 hours. Smaller fires include the 2013 Clover Fire that killed one person and destroyed 68 homes, the 2018 Panther Fire, the 1999 Canyon #4 Fire, and multiple others.</p> <p>The original China Gulch shaded fuel break treated 530 acres of steep, brushy topography. The project area is composed of private parcels and public (Federal) parcels owned by the Bureau of Land Management (BLM). A total of 234 parcels were included in the fuel break's footprint, with project benefits expanding to the nearby</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>communities of south Redding, Anderson, Happy Valley, and Igo. The initial treatment (Phase I) of the China Gulch Fuel Break was completed in 2020 by WSRCD in Partnership with CAL FIRE and local sub-contractors. Since then, regeneration of thick brush, stump sprouts, and ladder fuels have created a dense fuel load within the fuel break reducing its overall effectiveness. To maintain an effective China Gulch fuel break, there is a critical need for a second phase of work to retreat vegetation and ladder fuels within the fuel break. Increasing the acreage of primary treatment would also increase the fuel break's effectiveness in this high fire risk area.</p> <p>To address these needs, the WSRCD proposes a multi-year plan (China Gulch Fuels Reduction Project Phase II; henceforth, the Project) to retreat the original fuel break and include additional areas for primary treatments. This project will serve to extend the life of this critical fuel break well beyond the primary treatment and further the significant financial investment that has already been made to complete the initial treatment. Moreover, this work can be completed for a fraction of the cost of the initial treatment. Retreatment will be accomplished via fuels reduction work</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					from hand crews and/or mechanical treatment, followed by multiple herbicide treatments. New treatment areas will include areas not treated the first time due to time constraints, parcels that opted out of the initial fuel break but would like to participate now, and nearby locations that recently received RX burns from CAL FIRE.
21-FP-VNC-0094	Ventura County Parks Department - General Services Agency	Soule Parks Hazard Tree Mitigation and Tree Replacement	Ventura	\$566,091.00	Soule Park, located in Ojai, has seen increased tree mortality in recent years, with more than 82 Sycamore and Maple trees succumbing to severe drought conditions. While the trees have continued to receive regular irrigation, the root structure is so deep that the surface water is not reaching the tree roots. These trees pose an increased fire risk for Soule Park, Black Mountain, and the surrounding residents of Ojai. As an area of heightened fire danger, mitigation of the dead tree fuels would reduce the potential for fire in a fire-threatened community.
21-FP-TUU-0317	TULARE COUNTY RESOURCE CONSERVATION DISTRICT	HAPPY CAMP	Tulare	\$194,320.00	The project's goal is to reduce fire fuels and improve clearances along Balch Park Road within the community of Happy Camp. The 200 acre "Treatment Area" of the project is located on both private and public land. The community is located NE of Springville and is adjacent to Mountain Home Demonstration Forest. Balch Park Road that runs through

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications					
Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					Happy Camp acts as a major fire control and evacuation route whose importance was recognized during the 2020 Castle Fire. The 2000 acre "Project Area" includes more than 100 structures in the nearby area including the School of Science and Conservation (SCICON), Mountain Home State Forest and Mountain Home Conservation Camp (CAL FIRE & CDCR). More than 500 structures in the area are directly dependent upon the effectiveness of the road to create a secure fire break and a safe evacuation route. The importance of the fuel break cannot be overstated in protecting the WUI cabin community of Happy Camp.
21-FP-LMU-0179 (Withdrawal)	Modoc Resource Conservation District	Cal Pines N. Overland Rd. Roadside Shaded Fuels Reduction Project	Modoc*	\$550,000.00	The Modoc Resource Conservation District (MRCD) in partnership with the Modoc Fire Safe Council (MFSC) proposes to implement a 3.4-mile roadside shaded fuels reduction treatment along The North Overland Road within the eastern portion of the California Pines Community subdivision which consists of 55,000 acres. This project will have a fuel reduction treatment area of 82.9 acres and an influence zone of 3,818 acres. The vegetation treatment includes hand thinning using chain saws, chipping and mastication within 100 ft. of each side of the road. Contractor crews will thin trees to the minimum of

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>10' X 10'ft spacing while targeting larger trees for retention. Dead and dying trees; small trees; shrubs; and other surface fuels pruned to eliminate ladder fuels and general fuel buildup. Material generated by this fuel treatment will be processed using a variety of practices including a 14" chipper, pile burning and mastication. This project is part of a larger effort of fuels reduction in the Rush Creek Watershed through a larger collaboration that includes MRCD, Modoc National Forest, Pit RCD, Modoc Fire Safe Council, Sierra Pacific Industries, W.M. Beaty & Assoc., and California Deer Association. By implementing these fuel break projects, the MRCD will improve the effectiveness of wildfire mitigation and structure protection on private land within SRA, all within the High Hazard Severity Zone. This project directly affects approximately 150 structures/homes located in the central and east section of CalPines. This project also proposes to develop an Absentee Landowner Outreach program for those landowners in the community of CalPines. Outreach materials will be developed and mitigation funding and resources will be identified for the purpose of increasing knowledge and awareness that could be used to reduce the total</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications					
Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					number of wildland fire and acres burned.
21-FP-LNU-0084	None	Fuels & Prevention Unit	Sonoma*	\$123,352.00	The Sonoma Valley Fire District (SVFD) Fuels & Prevention Unit program aims to reduce hazardous fuels throughout the District. This will be accomplished by providing free community chipping services and by performing roadside vegetation thinning along strategic roadways in the wildland-urban interface/intermix of Sonoma Valley. There are an estimated 14,655 homes with 48,000 residents living in or adjacent to the project area. The Project will cover an estimated 200 acres within the Sonoma Valley Fire District. The SVFD already has a wood-chipper and a dedicated truck necessary to perform this scope of work.
21-FP-LNU-0088	The Bishop's Ranch	The Bishop's Ranch: Our Champion Plan Slashes Wildfire Fuel	Sonoma*	\$534,854.00	The Bishop's Ranch Fire Prevention Project will greatly reduce hazardous fuels and enhance public and firefighter safety in a Wildland Urban Influence zone and strategic watershed. Hazardous fuel reduction will take place on 39 acres, strategically located along a major roadway, alternative access/egress routes, and a defensible space surrounding 15 habitable structures. The Bishop's Ranch abuts a high fire hazard severity zone to the West and has seen recent major, fast-moving wildfires come dangerously close to

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>the property line, especially in the last three years. The Walbridge Fire in 2020 came within a half mile before CAL FIRE firefighters stopped its advance.</p> <p>The Ranch’s proposed actions are vital to minimizing fire danger for:</p> <ul style="list-style-type: none"> ● The Ranch’s 15 habitable structures, including a community center utilized by 6,000 community members annually and infrastructure critical to local homeowners and businesses ● The Bucher Organic Dairy, our immediate neighbors, which comprises 12 habitable buildings and 9 barns, manages 1,400 cattle and houses 40 employees ● 23 mixed-use structures on local vineyards located across Westside Road and within 400 feet of proposed project’s edge ● 38,000 residents and roughly 18,000 habitable structures in nearby Windsor and Healdsburg ● 600,000 residents in Sonoma and Marin counties who utilize the Russian River for their drinking water <p>The Ranch’s proposed project will help reduce GHGs in the following ways:</p> <ul style="list-style-type: none"> ● Reduce the amount of burnable vegetation ● Minimize the risk of destructive wildfires in the area ● Create strategic fuel breaks that also benefit the neighboring lands

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<ul style="list-style-type: none"> ● Promote forest health, which keeps the forest more fire resilient and less prone to wildfire ● Protect the watershed and native habitat, which are critical to the health of local ecosystems and minimizing the spread of wildfire <p>Site Background: The Bishop’s Ranch, situated on 364 acres, abuts Westside Road a half mile to the west of the Russian River, and extends west up the ridge towards Mt. Jackson. The Ranch is a retreat and conference center capable of hosting 125 overnight guests and is owned by the Episcopal Diocese of California. It’s a vital ecumenical resource for 140 congregations in Northern California and other faith communities. Since its inception 75 years ago, 6,000 guests per year have stayed at the Ranch as a refuge for spiritual renewal and as a way to build community, including generations of families and their children in our summer camps, guests of every age, and secular nonprofit organizations. CAL FIRE staff may be familiar with First Responders Resiliency, Inc. led by Sue Farren, a retreat and mental health program which is held at The Bishop’s Ranch three to four times per year. Retreat attendee, Fire Chief Greg Fish of Carpinteria/Summerland Fire Protection District, had this to say</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>about his experience: “Finally, someone who fully understands the first responder’s culture and has cracked the code on making us mentally whole.”</p> <p>It should be noted that the Ranch has a 30-year history of conducting similar landscape-level projects, including the creation of defensible space around habitable structures, the removal of understory and hazardous fuels, and partnering successfully with agencies in the field.</p> <p>The Ranch has several assets integral to the surrounding community:</p> <ul style="list-style-type: none"> ● 8 structures used for community gatherings including a chapel and community center ● Road and trail systems critical to emergency access and egress for four private households and the free movement of firefighters along strategic pathways on the property ● 2 miles of distribution power lines ● Cell phone tower that’s located 25 feet from the Ranch’s property line off Vacherie Way. ● Community water tanks and pumps serving 7 households in the vicinity of Vacherie Way ● Restored native oak woodland and redwood habitat, as well as several creeks with the presence of salmonids ● A rare island of rich biodiversity surrounded by monocultures of nearby

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>vineyards in Russian River Valley Key Mitigation Activities: All activities were designed in collaboration with CAL FIRE Division Chief Tom Knecht, CAL FIRE Battalion Chief Paul Fleckenstein, Northern Sonoma County Fire Protection District Chief Marshall Turbeville, and two RPFs, as well as with Audubon Canyon Ranch’s Fire Forward program, a local nonprofit with expertise in prescribed burns. The Ranch's proposed project is consistent with and has been filed with the Sonoma County CWPP to address the hazards and risks of wildfires. The Ranch’s activities include the following: 1) Create fuel breaks and shaded canopy of 100 feet off of both sides of Vacherie Way (10 acres) and both sides along a major trail (15 acres) via manual thinning, limbing larger trees to 10-12 feet off ground, mastication, herbivory, and prescribed burns.</p> <ul style="list-style-type: none"> ● Vacherie Way located off of Sweetwater Springs Road runs north-south in the westernmost portion of the property. Vacherie Way is the only access and egress road for four homeowners. Vacherie Way also provides access to the cell phone tower, as well as the community water tank that serves 7 households nearby. ● A major trail–known as the Lake

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>Trail—running east-west will provide additional emergency access and egress routes for firefighters and neighboring homeowners in the event that Vacherie, Sweetwater, and/or Westside roads are compromised.</p> <p>2) Maintain and enlarge the defensible space of 14 acres surrounding the property's habitable structures as recommended by RPF.</p> <ul style="list-style-type: none"> ● Manual thinning, prescribed burns, and herbivory will take place in the immediate area adjacent to the Ranch's 15 habitable structures. <p>Grant Goals:</p> <ul style="list-style-type: none"> ● Directly protect 15 habitable structures, including a community center and chapel, and provide additional fire protection to the immediate area, including 16 habitable buildings, 9 barns, 23 mixed-use buildings and several pieces of key infrastructure ● Provide fire personnel and neighbors with new and improved emergency ingress/egress routes ● Reduce potential transition to large fire growth or slow large spread, thereby reducing GHG emissions ● Protect a strategic watershed and the drinking water for 600,000 residents ● Protect native, biodiverse habitats essential to long-term fire reduction ● Improve public awareness and

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					reduce human caused wildfire ignitions <ul style="list-style-type: none"> ● Promote the long-term and orderly growth of fire-resistant, carbon-storing trees ● Monitor water quality of the Ranch's creeks to collect baseline data and assess impact of potential wildfire
21-FP-TUU-0121	TULARE COUNTY RESOURCE CONSERVATION DISTRICT	Badger-Miramonte FCR	Tulare	\$198,559.00	<p>The project's goal is to reduce fire fuels and improve clearances in a strategic portion of the SRA extending the Badger-Miramonte Fire Control Road at Orchard Drive to State Highway 245. The goal of the project is to complete a better connection to State Highway 245 near the Badger CAL FIRE Station. Upon completion, the project would better protect the communities of Badger, Sierra Glen, Pinehurst and Miramonte. The 200 acre "Treatment Area" is located on private land.</p> <p>The 2,000 acre "Project Area" is immediately adjacent to Badger. It includes more than 150 structures including CDF's Badger Station. More than 500 structures in the area are directly dependent upon the effectiveness of the project to create a secure fire break and a safe evacuation route. The importance of the fuel break cannot be overstated in protecting the WUI communities mentioned. The area impacted by and benefitting from the project contains more than 2,000 structures.</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
21-FP-LNU-0155	California State University Maritime Academy	CSU Maritime Academy / Hazardous Fuels Reduction & Fire Prevention Edu	Solano*	\$3,405,484.00	<p>CSU Maritime Academy (Cal Maritime) is pleased to submit its grant application for reducing hazardous fuels on our facility and providing wildfire prevention education to the campus and neighboring communities. Our primary activity is hazardous fuels reduction.</p> <p>Located on a compact waterfront, campus is in the Disadvantaged Community of the City of Vallejo, California. Cal Maritime is a unique and specialized campus of the 23-campus California State University system. Serving 1,000 students, we are one of only seven degree-granting maritime academies in the United States, and the only one on the West Coast. Campus geographical coordinates are -38.069137, -122.229912.</p> <p>Our 90-acre campus is home to several species of native plants and trees which we pride ourselves on maintaining and developing. The Cal Maritime Campus Tree Management Advisory Council ensure that campus vegetation is managed ethically and sustainably. For all of these efforts, Cal Maritime has been given the honorable designation of Tree Campus USA by the Arbor Day Foundation for three consecutive years.</p> <p>On the afternoon of October 27, 2019,</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>the Cal Maritime campus community experienced a significant wildfire which was later named as the Glen Cove Fire. Following this incident, a remediation and tree consultant was contracted to identify fire hazard risks of the campus. The consultant's findings and recommendations are used in developing our CalFire grant application.</p> <p>With this grant, CSU Maritime Academy plans to remove more than 400 trees that have been identified as fire hazards, remediate 26.7 acres of fuel hazard brush, purchase low emission equipment to maintain the constantly growing brushes across the 70 acres, and develop and implement a Wildfire Prevention Education plan. Cal Maritime has demonstrated continuous commitment to identifying and minimizing hazards that may impact the campus and local community. We are confident that we can execute this grant successfully, minimizing the hazardous fuel risk on campus, and successfully deploying a wildfire prevention education initiative to the community.</p>
21-FP-LNU-0203	Hidden Valley Lake Community Services District	Water Utility Fuels Reduction	Lake*	\$667,261.00	The Water Utility Fuels Reduction project will reduce hazardous fuels at four separate locations within the community of Hidden Valley Lake. In accordance

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>with NFPA 1144 and PRC 4291, the principles of defensive space will be applied to the water storage and source water locations of the local municipality, Hidden Valley Lake Community Services District (“the District”). Vegetative treatment will include clearance in some areas, removal of ladder fuels, and selective tree removal. The impact of these treatment activities will aid in the reduction of wildfire intensity and rate of spread, as well as duration. The District intends to increase the safety of first responders and the public by protecting this critical infrastructure. Additional benefits of vegetative thinning is the promotion of a healthier forest that can better withstand the effects of crown ignition and pest infestation. Project tasks associated with the removal of vegetation will be sensitive to the effects of GHG emissions. Chipping and masticating will take the place of burning the debris. Once complete, District field staff will be trained to regularly maintain these areas according to PRC4291.</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
21-FP-SKU-0014	Northern California Resource Center	Partridge Pines Community Hazardous Fuels Reduction	Siskiyou*	\$451,416.00	<p>This project is a collaborative effort between the Scott Valley Fire Safe Council, Scott Valley Fire Protection District, CAL FIRE, Northern California Resource Center, Scott Valley Coalition of Fire Safe Councils, Scott River Watershed Council, The National Wildfire Institute, and the Klamath National Forest. The community of Partridge Pines, and surrounding areas are a high risk, residential, WUI area bordered by key sub-watersheds, valued private timberlands and the Marble Mountain Wilderness. The community is made up of high density residential areas and access roads. The roads in and out of these high risk areas are flanked by heavy accumulations of woody fuels. In the event of a wildfire incident, roads would likely be closed to ingress and egress of emergency vehicles and firefighters and for evacuation of residents. Firefighters are also likely to be unable to defend many homes located among the dense fuel load. This project area is rated as Very High by CAL FIRE risk assessments. The dense vegetative types in the project areas are dominated by mixed conifer forest with dense ladder fuels, and large fields of manzanita and ceanothus brush. The biggest challenges are the heavy fuel loading, fire history showing fire paths</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>aimed at the communities and a lack of substantial fuels modification in the past. This project would treat 200 acres (approx. 8 miles of road, 50 – 100 feet on each side of the roads) along the ingress/egress roads. The priority roads treated will tie in with existing shaded fuel breaks and treated roads on adjacent private timberlands on the West side of the community. This would complete a large, planned, contiguous, network of shaded fuel breaks and ingress/egress roads in and around the community. This will provide safer access for emergency responders, home owner evacuations, and anchor points for emergency responders to engage a wildfire.</p>
21-FP-LNU-0245	Fire Safe Sonoma	West Sonoma County Collaborative: Roadside Fuels Reduction Phase 1	Sonoma*	\$1,571,845.00	<p>Safer West County (a 501(c)(3)), in conjunction with Fire Safe Sonoma, is applying for a hazardous fuels reduction grant to reduce fire fuels in western Sonoma County. This project will improve public safety and reduce ignitions along the Bohemian Corridor—a major evacuation route for not only towns in the Bohemian Corridor but also those on the Russian River. The primary objective is to protect lives and property in Western Sonoma County and to support Sonoma County firefighters by ensuring safer ingress and egress throughout the Bohemian Corridor in</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>the event of wildfire.</p> <p>Safer West County (SWC), in conjunction with Fire Safe Sonoma, is applying for a hazardous fuels reduction grant to:</p> <ul style="list-style-type: none"> ● Reduce vegetative fuels along approximately 25 miles of key evacuation roads. These activities will take place in the Bohemian Highway area of western Sonoma County. ● Improve local resilience to wildfire by hiring and training local youth crews. <p>The project will treat up to 91 acres, which accounts for a 30-foot clearance on either side of approximately 25 miles of road.</p> <p>SWC has formed a collaborative of major landowners, representing over 8,793 acres of land along and near the Bohemian Corridor working together to reduce fire risk in the area through this and other initiatives. This group is called the “West Sonoma County Collaborative.” They represent approximately 16% of the 25 miles of roadside work proposed in this project. The project will directly reduce wildfire risk for four contiguous “communities at risk” as listed by Cal Fire: Camp Meeker, Graton, Monte Rio, and Occidental. The project area most immediately benefits the communities of Camp Meeker and Occidental,</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>which together contain 2,500 habitable structures and approximately 6,000 residents. In addition to residents, the participating camps, retreats, preserves and schools host an additional daily population of 2,250 visitors/students when in full session. The project will serve the Low Income Community of Camp Meeker and the aging population on fixed incomes throughout the area.</p> <p>The project will work within a densely forested coastal area that suffers high tree mortality due to drought, sudden oak death (primarily tan oak), and over stocking due to decades of fire suppression and lack of management. The project will reduce greenhouse gas emissions over time by reducing the chance of wildfire by improving firefighter access. In addition, project contractors will be sourced locally, and project slash will be treated by chipping or drop and scatter, instead of burning, thereby limiting project emissions.</p> <p>Seven communities will potentially be protected by the efforts funded by this grant and all have been identified by CAL FIRE as communities at risk:</p> <ul style="list-style-type: none"> ● Bodega ● Bodega Bay ● Camp Meeker ● Forestville ● Graton

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<ul style="list-style-type: none"> ● Monte Rio ● Occidental
21-FP-LMU-0009	Modoc Fire Safe Council, Inc.	Modoc Fire Safe Council Defensible Space and Residential Chipping Project	Modoc*	\$605,759.00	<p>Our proposed project, the Modoc Fire Safe Council (MFSC) Defensible Space and Residential Chipping Project is a countywide program in Modoc County that provides assistance to the low-income communities and low-income households, comprised of the elderly, disabled, and U.S. veteran homeowners living in the Wildland-Urban Interface (WUI) areas. The proposed project will create a 100 feet (or up to property line) of defensible space buffer around their homes that will slow or stop a wildfire and reduce potential loss of life, property, infrastructure, and natural resources. The project is aiming to perform fuels reduction around a minimum of 400 homes (or 100 homes per year) for a period of four years, or a total of 400 acres to be treated. The project will enable these residents of Modoc County to prepare for wildfire as part of the natural ecosystem, and still be able to live productive and peaceful lives. This defensible space also provides a buffer for firefighters during fire suppression activities and allows additional time for evacuation.</p>
21-FP-KRN-0298	Bear Valley Community	Bear Valley Springs Fuels Reduction Project Phase II	Kern	\$1,231,244.00	The objective of the Bear Valley Springs Fuels Reduction Project is to utilize a professional logging company

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
	Services District				<p>to fall, limb, buck and remove trees and treat slash over 335 acres within a project area of 675 acres in Bear Valley Springs, CA. This project protects the nation's second largest gated community (25,000 acres) of over 7,500 residents in 3,000 habitable structures valued at over \$782 million with another \$19 million of infrastructure. Assets at risk, in addition to 3,000 habitable dwellings, include: community infrastructure such as over one dozen municipal water wells; 40 water storage tanks; 100 miles of water delivery pipe; 110 miles of paved roads; an equestrian center with barns, stables, corrals, arenas, and other outbuildings; the Whiting Community Center; the Oaks Country Club; and the Bear Valley Market and fueling station. Additionally, there are considerable vendor and general community assets such as Southern California Edison electrical transmission lines, telephone transmission lines the Cummings Valley Elementary School, and Kern County Fire Station No, 16. There are also several protected native American archeological and cultural preserves in the immediate area. Lastly, the region is home to a diverse amount of wildlife. The District is completing an initial Fuel Reduction Project (19-FP-KRM-2008) that has successfully removed</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>dead and dying trees on over 300 acres, as originally envisioned. As we progressed in the original Phase of the project, it was recognized that the area was larger, due to continued tree mortality throughout the area. This project will be Phase II of the project, to continue removing dead trees, slash and other woody biomass which will reduce the amount of greenhouse gases released from the decomposition of the tree trunks and woody biomass. In addition, the project will clear the way to replant and restore the forest which will further reduce greenhouse emissions.</p>
21-FP-LNU-0263	Fire Safe Sonoma	West Sonoma County Collaborative: Defensible Space Phase 1	Sonoma*	\$1,325,821.00	<p>Safer West County (a 501(c)(3)), in conjunction with Fire Safe Sonoma, is applying for a hazardous fuels reduction grant to reduce fire fuels in western Sonoma County. This project will improve public safety and reduce ignitions along the Bohemian Corridor. The primary objective is to protect lives and property in Western Sonoma County and to support Sonoma County firefighters by creating a significant number of defensible spaces throughout the Bohemian Corridor so that firefighters can safely access and defend property, infrastructure, and the natural environment.</p> <p>Safer West County, in conjunction with Fire Safe Sonoma, is applying for a</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>hazardous fuels reduction grant to:</p> <ul style="list-style-type: none"> • Create defensible space around approximately 350 key structures—including fire departments, water tanks, school facilities, community parks, meeting halls, conference centers, places of worship, and more. • Improve local resilience to wildfire by training and hiring local youth crews. <p>The total number of structures and acres treated will be approximately 345 and 120, respectively. SWC has formed a collaborative of major landowners, representing over 8,793 acres of land along and near the Bohemian Corridor working together to reduce fire risk in the area through this and other initiatives. This group is called the “West Sonoma County Collaborative,” and they will work together to create defensible spaces around hundreds of structures within this heavily forested area. The project will directly reduce wildfire risk for four contiguous “communities at risk” as listed by Cal Fire: Camp Meeker, Graton, Monte Rio, and Occidental. Camp Meeker and Occidental together contain 2,500 habitable structures and approximately 6,000 residents. The participating camps, retreats, preserves and schools host a daily population of 2,250 visitors/students when in full session. The project will serve the Low</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>Income Community of Camp Meeker and the aging population throughout the area on fixed incomes. The project will work within a densely forested coastal area that suffers high tree mortality due to drought and sudden oak death (primarily in the tan oak species), as well as over stocking, due to decades of fire suppression and lack of management. The project will reduce greenhouse gas emissions over time by reducing the chance of wildfire, improving firefighter access to a wildfire, and reducing the size of wildfire. In addition, project contractors will be sourced locally and project slash will be treated by chipping or drop and scatter, instead of burning, thereby limiting project emissions. Seven communities will potentially be protected by the efforts funded by this grant and all have been identified by CAL FIRE as communities at risk:</p> <ul style="list-style-type: none"> ● Bodega ● Bodega Bay ● Camp Meeker ● Forestville ● Graton ● Monte Rio ● Occidental
21-FP-LNU-0293	CAZADERO CSD	CAZADERO ACRE	Sonoma*	\$35,000.00	This application is requested for creating an educational program to show property owners, renters, and vacation users the need for proper vegetation management, knowledge of

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					evacuation routes, and benefits of home hardening targeted to our specific community of Cazadero
21-FP-SLU-0325	Friends of Camp Natoma, Inc.	Wood Chipper for Camp Natoma	San Luis Obispo	\$50,000.00	This hazardous fuels reduction project will support roadside brushing and expanded defensive space clearing along the entirety of Camp Natoma Road South and Camp Natoma Road North, a total of 5 miles, in the Adelaida community of San Luis Obispo County. Camp Natoma is a remote 360-acre property with seasonal access, and is home to an 80 year old campground which includes 5 large campsite areas, a Dining Hall, Swimming Pool, Garage, several outbuildings, and outdoor decks as program areas. The campground hosts up to 150 campers at a time from April through October. The chipper would serve the entire 360-acre property, the 3-mile Camp Natoma Road North egress to the property, and the 2-mile Camp Natoma Road South within it, as well as inroads within the main camp areas. Annually, we host local Cal Fire crews for brush clearing. We also have a dedicated volunteer corps that has kept the camp going for the past 80 years, and will continue to utilize this resource into the future.
21-FP-LNU-0341	The Frank H. Bartholomew Foundation	Bartholomew Park Shaded Fuel Breaks	Sonoma*	\$365,000.00	Bartholomew Park (the "Park") is a 375 acre private park in Sonoma open to the public free of charge (Parcel

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>#127-051-038). The Park is owned and operated by The Frank H. Bartholomew Foundation (the "Foundation"), a 501(c)3, non-profit private operating foundation. 285 acres of the Park's forest land burned in the 2017 Nuns Fire as well as one private residence inside the park gates. Bordering several residential areas (The Ranch, Castle Road, Lovall Valley Rd., 7th Street East) and 1.5 miles from the Sonoma Plaza, the Park is the primary Wildland Urban Interface boundary with the Eastside of the City of Sonoma. A private section of Castle Road runs through the Park and is the only evacuation route to 3 large residences up the canyon and the only responder access to the top of Arroyo Seco canyon. The requested Fire Prevention Grant would fund Phase 1 of the Park's SRCD - authored Forestry Plan: THE BARTHOLOMEW PARK FUEL BREAK PROJECT (the "Project). The Project is intended to create and maintain shaded fuel breaks and defensible space in three components: (1) shaded fuel breaks 100' wide on each side of Castle Road and 30' wide on each side of the reservoir access road (2) shaded fuel breaks 30' on each side of the 3.5 miles of hiking trails, and (3) completion of the defensible space project for 23 acres</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>surrounding the Park's infrastructure (villa/museum, winery, office, two employee residences) and neighboring properties. This acreage was recently cleared of underbrush through a recent goat grazing grant from SRCD. The Defensible Space Project includes removal of exposed dead brush and trees, trimming and thinning to CALFIRE standards, and disposal of debris through chipping and mastication. Total acreage treated is approximately 65 acres. The requested grant amount is \$375,000.</p>
21-FP-LNU-0354	Sonoma County Department of Transportation and Public Works	Chainsaws for Fire Fuel Reduction	Sonoma*	\$42,908.00	<p>The Sonoma County Department of Transportation and Public Works is requesting funds to purchase chainsaws to help maintain fire fuel reduction projects both in anticipation of and during a disaster. These chainsaws will be at the disposal of the TPW Road Crew, which works for the benefit of all unincorporated Sonoma County's 147,000 residents. Road crews not only maintain vegetation clearance in critical locations to reduce wildfire intensity and rate of spread. They also work with CALFIRE first responders during active wildfire emergencies to create fuel breaks in strategic locations, as well as maintain/improve public safety for egress of evacuating residents and ingress of responding personnel. Our goal would be to ensure that TPW</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>crews have enough supply in rotation to keep our 70+ personnel working steadily during the next wildfire event. This will help CALFIRE achieve its goal of protecting habitable structures and people, limiting the fire's spread, ensuring access for first responders, and maintaining a safe evacuation route for residents.</p>
21-FP-MEU-0050	Leggett Valley Fire Protection District	North Mendocino Defensible Space Assistance and Workforce Equipment	Mendocino*	\$69,526.00	<p>The goal of this project is to purchase equipment and supplies to aid in fuel reduction and defensible space establishment/maintenance around rural homes in the project area, to train local workers and homeowners to use the equipment and supplies effectively and safely, and to carry out community organization and education initiatives to encourage homeowners to participate in training programs and fuel reduction work using these resources. Activity will include tabling at local events, website development, social media presence, development and distribution of educational material via email and direct mail, and fuel reduction training workshops. Initial project outcomes in the first year are anticipated to be training at least 16 workers, 24 volunteers, providing "work days" to clear at least 12 structure perimeters to the recommended 100' at no cost to the homeowners, and to contact and educate as many homeowners as</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>possible about the responsibilities associated with living in a high fire risk environment, and about the availability of the fuel reduction resources, training opportunities, and skilled local fuel-reduction workforce that will result from this project. See the Explanation of Project Work Days in the Implementation section of this document for more details. The location of the project will be the overlapping communities in the Bell Springs, Leggett, and Piercy Fire Departments.</p>
21-FP-MEU-0069	Mendocino County Resource Conservation District	Pine Mountain Fire Prevention	Mendocino*	\$3,481,062.00	<p>The primary area of focus for this fire-prevention project comprises seven private properties totaling approximately 350 acres. Located on Pine Mountain (a WUI community), in the Willits area within the Outlet Creek watershed, this low-income community represents the frontline of where wildfire can breach into human settlement (and almost did in 2017 during the Redwood Complex). There are currently twelve people that live in structures on these seven properties. The broader community consists of about 320 parcels with roughly 1,200 residents. This project will reduce forest fuel loads, establish strategic burying sites for forest thinning residuals to sequester carbon, produce biochar for further carbon sequestration, and designate burn</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>units that double as animal paddocks. The designated burn units doubling as animal paddocks allows prescribed fire during good fire seasons, and use of the goat herd during bad fire seasons for fuel reduction. Usable poles from forest thinning work will be used on-site, minimizing greenhouse emissions that would otherwise be created by trucking in materials for the uses these poles will provide. A monthly chipping route will be part of this project, with the Mendocino County Fire Safe Council (MCFSC) through the Pine Mountain Community. Tribal Tree Trimmers will be the primary subcontractor who will employ members of the Coyote Valley Band of Pomo Indians and expect the Sherwood Valley Band of Pomo Indians as well. The MCFSC chipping crew is composed of the Hopland Band of Pomo Indians.</p>
21-FP-TCU-0141	Calaveras County Resource Conservation District	Mokelumne Hill Fuels Reduction Project	Calaveras*	\$1,047,753.71	<p>The historic Mother Lode community of Mokelumne Hill sits atop a plateau of the Mokelumne River canyon. It is a town of approximately 1400 persons. In the last 10-15 years the residents of the town and the members of the Mokelumne Hill Community Historical Trust have done a commendable job of revitalizing the infrastructure and the atmosphere of this Sierra Foothill treasure. It was, early in its infancy, the county seat of Calaveras County,</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>which at the time included most of Amador County too. In those early decades of the Gold Rush, fire was common. Structures, homes, and businesses were getting burned down on a regular basis. Fast forward 150+ years, and the threat of fire is still a constant concern.</p> <p>In 2015, the 70,000+ acre Butte Fire touched the outskirts of Mokelumne Hill. It laid down as it entered defensible space clearings that was made possible by prior work led by CalFire and the Mokelumne Hill Fire Protection District. Portions of this project will readdress the Butte Fire footprint, but a majority (approx. 75-80%) of this project footprint hasn't burned for several generations.</p> <p>As compared to the Gold Rush Era, where fires were typically caused by cooking fires impacting structures poorly suited to withstanding ignitions within town, today the biggest threat is coming from external forces outside the town space per se. Fire codes and defensible space clearances have dramatically decreased the chances of a fire within Mokelumne Hill. Today the main threat is wildfire starting outside the town and entering as uncontrolled conflagration. Due to many factors, including topography, habitat types, proximity to a major north-south state Highway (CA Highway 49), large</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>amounts of highly flammable vegetation, this fire scenario is real and always present, especially during our typical Mediterranean weather pattern which is characterized by hot and dry periods often lasting unabated from May to November.</p> <p>2021 will be known by a fact that should alert all of us about fire threat. Nearby Sacramento set a record for the longest period without rain in 2021. The previous record was established in 1880 with 195 consecutive days without moisture. 2021 saw that long-standing record broken by a whopping 17 days. 2021 was also considered the second worst moisture year recorded in many locations across California. Extreme drought conditions only increase the chance that an ignition is allowed to build into a catastrophic wildfire.</p> <p>California is drying, that is inescapable. The causes may in debate, but the response to our changing environment needs to swift and decisive. Establishing defensible space around vulnerable communities in our County is Priority 1.</p> <p>This proposed fuels reduction project will give extensive fire prevention to Mokelumne Hill from the direction that desperately needs flammable fuels reduction, that being from the north, coming from the Mokelumne River</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					Canyon. Not only are there unmanaged and thick live and dead fuels in the Mokelumne River Canyon that are easily ignitable but having a busy state highway in the canyon only exacerbates the potential of ignitions. This section of Highway 49 winding in the canyon is a dangerous stretch of highway with an inordinate amount of vehicle accidents.
21-FP-MEU-0183	Manchester Band of Pomo Indians	Manchester-Point Arena Tribal Wildfire Prevention Plan	Mendocino*	\$129,558.00	Manchester-Point Arena Band of Pomo Indians Rancheria is a low-income disadvantaged community that is in need of assistance to create strategic wildfire planning documents and to implement public education and outreach programs around fire prevention. These 365 acres of tribal lands are home to hundreds of members that lack the funds and knowledge necessary to establish defensible space, reduce hazardous fuels and decrease current risks of a devastating wildfire. The development of this CWPP will reduce the wildfire hazards by performing a thorough analysis of the residential, community and forested lands. This will allow the tribe to efficiently and affectively identify and prioritize fuels reduction activities for the future. Educational meetings and onsite workshops will be planned as the CWPP is developed. Input and collaboration from the surrounding communities of

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>Manchester and Point-Arena Fire districts will be sought in order to foster a cohesive plan. These planning and prevention activities will help safeguard the tribal lands and surrounding communities from the risks of fire and its ability to rapidly spread and bring devastation.</p>
21-FP-TGU-0281	Glenn County Resource Conservation District	Sacramento River Corridor Hazardous Fuels Reduction	Glenn*	\$1,696,240.00	<p>The Sacramento River Corridor Hazardous Fuels Reduction Project (project) will be 100% on Federal Responsibility Area (FRA) lands, although it supports fire prevention in Local Responsibility Area (LRA) lands. This project is phase 1 of a multi-phase project within the Sacramento National Wildlife Refuge Complex to reduce hazardous fuels as identified as a priority under the U.S. Fish and Wildlife Service's (FWS) Comprehensive Conservation Plan (CCP), their Fire Management Plan and the 2011 Glenn County Community Wildfire Protection Plan (CWPP) including 2022 Glenn County CWPP Update. With NEPA being completed in 2005, phase 1 will kick-off this project and begin implementing Alternative B found in the Environmental Assessment (EA) or Chapter 5 of the CCP.</p> <p>The Sacramento River Refuge is part of the Sacramento National Wildlife Refuge Complex and is located in the Sacramento Valley of North-Central</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>California. The valley is bordered by the Sierra Nevada range to the east and the Coast range to the west. The refuge was established in 1989 and is currently composed of 26 units along a 77-mile stretch of the Sacramento River between the cities of Red Bluff and Princeton, 90 miles north of the metropolitan area of Sacramento. In addition, FWS has 1,281 acres of riparian habitats in conservation easement owned by Llano Seco Ranch. This project, phase 1, is located specifically along the Sacramento River corridor in Glenn County and is within the Tehama-Glenn Unit (TGU).</p> <p>The project will create 50-foot-wide fuel breaks on approximately 340 acres or a little over 56 miles removing dense vegetation surrounding public access areas, structures and property boundaries using mastication vegetative treatment prescription. The Glenn County Resource Conservation District (RCD) and partner FWS believe this "phase 1" hazardous fuels reduction project makes sense to focus on the FRA lands in Glenn County first as environmental review has been completed. Then in future phases of the project (future grant opportunity solicitations), partners will focus on private land opportunities, as well as</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>expanding the partnership regionally into Colusa, Tehama and Butte counties. Partners want to strive to set a strong foundation so the project (and new partnership) may expand successfully for additional fire prevention and hazardous fuels reduction efforts. This project is important to reduce the threat of wildfire to people, structures, and nearby communities. In addition, this project aims to reduce greenhouse gas emissions.</p> <p>Ultimately, this hazardous fuels reduction project will aim to reduce the risk of wildland fires to habitable structures, communities, and public infrastructure, while maximizing carbon sequestration in healthy wildland habitat and minimizing the uncontrolled release of emissions emitted by wildfires.</p>
21-FP-TCU-0289	Tuolumne Fire Safe Council	Big Hill Area Fuels Break Maintenance	Tuolumne	\$416,141.00	<p>The Big Hill Area Fuels Break Maintenance is a 334 acre project that will perform maintenance on five strategic shaded fuel breaks in the Big Hill Road area of Tuolumne County that protect in excess of 6,000 habitable structures. The fuel breaks proposed for maintenance are part of the North Tuolumne County Fuel Break System. The Big Hill Area Fuels Break Maintenance project will reduce Greenhouse Gas emissions by reducing wildland fire and</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>preventing/lessening release of Greenhouse Gas gases in the event of a wildfire. Reducing fuel loads allows for quicker control of wildfires. Wildfires burn at a lower severity where fuel loads have been reduced, lessening Greenhouse Gas emissions.</p>
21-FP-MEU-0311	Mendocino County Fire Safe Council	Greenfield Ranch Main Roads Fuel Break	Mendocino*	\$2,109,220.00	<p>The Mendocino County Fire Safe Council (MCFSC) is applying for a Hazardous Fuels Reduction grant for the Greenfield Ranch Association (GRA), a Homeowner’s Association, and wildfire threatened community, located near Ukiah, California. MCFSC will serve as the fiscal sponsor for the project and will contract with the GRA to provide a Project Administrator and Project Manager (See Attachment #1 - LOCATION MAP). There is a total of 50 miles of gravel roads within the borders of Greenfield Ranch that provide residential access and emergency ingress/egress to 115 residences. Twenty-three miles of those roads are maintained by the Greenfield Ranch Association (referred to as GRA-Maintained Roads). The remaining 27 miles of road consist of private roads and driveways that are maintained by the individual landowners, several miles of which are access roads that connect GRA and landowner-maintained roads for the purpose of emergency egress. This project will reduce hazardous</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>fuels along both sides of the 23 miles of GRA-Maintained Roads, wherever forested, by creating shaded fuel breaks (SFBs). Of those 23 miles of GRA-maintained roads, 8 miles are through grassland leaving a remainder of 15 miles of road through forest or oak woodland. Most of the GRA-Maintained roads are about 20' wide. We're proposing 2 options: 1) 75-foot SFBs on each side of the GRA-maintained roads, or 170' wide including road width, resulting in 220 acres of cleared brush. The proposed budget reflects funding requests and costs associated with 170' wide SFBs (See Attachment #2 - PROPOSED PROJECTS MAP). 2) 50-foot SFBs on each side of the road, or 120' wide, including road width, resulting in 140 acres of cleared brush. If necessary, we can reduce the proposed budget by \$734,204 to create 120' wide SFBs. With these proposed fuel treatments, this project will initiate a reduction in the likelihood of fire occurrence along GRA's main roads. Fuel treatments will result in lower costs for fire suppression and post fire restoration, less mature tree mortality, less smoke, less wildfire-related property damage, and fewer lost socioeconomic and ecological forest benefits in these areas. Enhancing the emergency ingress/egress of the GRA Project</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>Tracking Number: 21-FP-MEU-0311 2 community and protecting its emergency infrastructure provides increased safety for the residences in the immediate Project Impact Zone of 5200 acres. If Greenfield Ranch were completely forested, an additional 148 acres of fuel breaks with 170' widths, would be required through what instead is grassland (or 130 acres of fuel breaks through those areas with 120' wide SFBs). Although grass will readily burn, grassland fires are cooler and less dangerous than forest fires, and therefore so much grassland area on Greenfield Ranch results in "more bang for the buck" for our community when creating shaded fuel breaks to provide safe ingress/egress and firefighting capacity to halt the progress of out-of-control forest fire.</p>
21-FP-FKU-0115	Oak to Timberline Fire Safe Council	Pinehurst/Miramonte Ingress/Egress Fuel Breaks	Fresno	\$860,250.00	<p>Pinehurst and Miramonte are Sierra foothill At-Risk communities adjacent to Kings Canyon and Sequoia National Parks, the Giant Sequoia National Monument and the Sequoia National Forest. They contain roughly 1000 residents and 600 structures and are in the Tier-1, Tier-2 (Very High and High Fire Hazard Severity) Zones. We propose creating roadside fuel breaks to significantly improve ingress/egress for residents, first responders, and tourists. These fuel breaks would also diminish the intensity and slow the</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>spread of a wildfire’s progress and reduce the risk of careless human-caused roadside ignitions of wildfires, thus protecting life and property and minimizing greenhouse gas emissions. This project ties in directly with two OTFSC shaded fuel break projects now in progress in the area and continues a fuels reduction effort funded in a recent CCI FP fuels reduction grant. The KNP Complex Fire came within a few miles of these communities this year, and a portion of the communities were on Evacuation Warning, spotlighting the need to improve ingress and egress. Our main objective is to work out 30 feet from roadside edges, eliminating overhead fuel canopies, and interrupting the continuity of fuels across and along the primary winding, ingress/egress routes in this heavily fuel-laden region, where dense fuels generally come right to roadside. Both mechanical and hand treatments will be used to treat 293 acres in this project. The contractual work is specifically designed to minimize greenhouse gas emissions in its treatment of the harvested biomass.</p>
21-FP-TUU-0249	TULARE COUNTY RESOURCE CONSERVATION DISTRICT	WHISSET	Tulare	\$186,788.00	<p>The project’s goal is to reduce fire fuels and improve clearances in an area threatened by the Windy Fire in 2021. The goal of the project is to create a better/much needed fuel</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>break around Camp Whisset in the Kern River drainage. Upon completion, the project would better protect the communities of Whisset, Johnsondale, and Ponerosa. The 100 acre "Treatment Area" is located on each side Forest Road 22S82 near Camp Whisset leased by the Boy Scouts of America.</p> <p>The 100 acre "Project Area" is immediately adjacent to Whisset. It includes more than 50 structures, all are directly dependent upon the effectiveness of the project to create a secure fire break and a safe evacuation route for hundreds of seasonal campers. The importance of the fuel break cannot be overstated in protecting the WUI community mentioned.</p>
21-FP-KRN-0079	Kern County Fire Department	French Fire Fuel Reduction	Kern*	\$1,596,000.00	<p>Alta Sierra is a community of over 300 homes located approximately thirteen miles west of Lake Isabella. Hundreds of other homes are located in nearby communities. There are 400 acres of private property in and around the community, plus an adjacent 100+ acre Kern County Park. The surrounding land is all owned by the Sequoia National Forest. There is a "Donut" shaded fuel break surrounding the community that is located on private, Kern County, and Federal land. There is a Good Neighbor Agreement in place between the Kern</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>County Fire Department and the Sequoia National Forest that allows work to be done on the Federal land surrounding the community. The 26,535-acre French Fire burned all around the community in the summer of 2021. Work done through the Alta Sierra Fuel Modification Project, a 2017-18 CalFire Fire Prevention grant, was instrumental in protecting the community and undoubtedly saving many structures. The French Fire burned at high intensities right up to many structures, resulting in large numbers of dead trees and brush. This proposed project would treat these fuels and reestablish the valuable “Donut” fuel break to provide protection to Alta Sierra and surrounding communities</p>
21-FP-SHU-0056	City of Shasta Lake	City of Shasta Lake Hazardous Fuel Reduction Project	Shasta*	\$1,454,418.00	<p>Located in a Very High Fire Hazard Severity Zone, this project consists of approximately 272 acres of hazardous fuel clearing in the northern and western parts of the City of Shasta Lake and its surrounding areas. The project area borders hundreds of acres of federal lands, dense with brush and trees. The rugged terrain skirting the City, paired with increasingly dry conditions has made it a critical threat to the approximate 10,000 residents, 4,200 homes and 200 businesses in the City of Shasta Lake. This threat is reflected in the area’s recent fire</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>history, which includes four large fires over the past 4 years. The project will treat 260 acres of dense brush and trees, using hand clearing methods and chipping, spreading the wood parts within the project area, as well as removal and trimming of hazardous trees along 11.6 acres of easement bordering an egress/ingress route. Chips that cannot be spread will be hauled to the city waste/disposal site as green brush. The project will reduce the risk of ignitions and spread while providing safer evacuation and emergency responder access. Upon successful completion, the project area will be added to the City vegetation management list for continued maintenance.</p>
21-FP-SBC-0274	City of Goleta	Ellwood Mesa Neighborhoods Hazard Fuel Reduction	Santa Barbara*	\$1,708,872.00	<p>The City of Goleta (Goleta) seeks funding to conduct hazardous fuel reduction activities prioritized in Goleta’s Community Wildfire Protection Plan (2012) at the Ellwood Mesa Vegetation Management Unit (Ellwood Mesa VMU). Located in the southwest corner of the City of Goleta, the Ellwood Mesa project area is over 230-acres of public open space intermixed with a dense residential community (Figure 1). A dominant feature of the Ellwood Mesa VMU is an approximately 90-acre forest, primarily composed of Tasmanian blue</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>gum (<i>Eucalyptus globulus</i>) originally planted in the 1870s. Goleta’s CWPP was adopted ten years ago, prior to the onset of widespread eucalyptus die off and prolonged drought conditions. Even then, in 2012, the Ellwood Mesa VMU was identified in the CWPP as the highest fire hazard and risk area within Goleta city limits. Due to persistent drought conditions during the past ten years, widespread beetle infestation, and a lack of resources to effectively maintain the forest, an estimated 1500-2000 dead eucalyptus trees and dense ground-level woody fuels present a very clear threat to the intermixed residential community. To compound the level of risk at Ellwood, the site also has one of the highest levels of ignitions within Goleta, with an average 0.68 ignitions per year during 1998-2020. Absent widespread fuel modification, crowning, spotting, and major runs would likely make control efforts at the head of the fire ineffective. Goleta proposes removing dead and hazardous eucalyptus and highly flammable woody vegetation on approximately 90-acres of eucalyptus forests and forest perimeter at Ellwood Mesa (Figure 2). Specifically, dead/downed eucalyptus trees and dead vegetation debris piles will be removed and chipped on site to</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>reduce the likelihood of wildfire ignition and uncontrollable spread. Additionally fine fuel reduction will focus on mowing along trails and defensible space areas near homes. Chipped materials will be spread around live trees to enhance water retention and promote healthy trees. Fuel modification efforts will be balanced with the need to protect Environmentally Sensitive Habitat Areas, including specific focus on bird nesting areas and monarch butterfly overwintering aggregation sites. Throughout the eucalyptus forest, the City will remove and chip dead trees and debris piles in coordination with biologists specializing in management of sensitive biological resources, including monarch butterflies, nesting birds, and jurisdictional wetlands. The proposed work is identified in Goleta’s CWPP and Goleta’s adopted 2019 Monarch Butterfly Habitat Management Plan. Both plans went through extensive community engagement and noticed public meetings and were ultimately adopted by Goleta’s City Council. In addition, environmental impacts associated with fuel management activities within the butterfly habitat areas were analyzed under CEQA during the development and adoption of Goleta’s Monarch Butterfly Habitat Management Plan.</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>Environmental analysis of potential project impacts is summarized in the Ellwood Mesa/Sperling Preserve Open Space Monarch Butterfly Habitat Management Plan (MBHMP) Initial Study-Mitigated Negative Declaration (IS-MND)(City of Goleta 2019). Areas outside of the butterfly plan have not yet been analyzed under CEQA, but are proposed for environmental review under this grant scope of work. Figure 5 below illustrates the areas where CEQA is complete and where environmental review needs to be completed.</p> <p>In 2019, the State Coastal Conservancy awarded a \$3.9 million dollar grant to Goleta for implementation of the monarch butterfly habitat management plan. The focus of the \$3.9M grant scope of work is on butterfly and other wildlife habitat enhancement, public access improvements, and riparian restoration, and not specifically on fuel modification and fire prevention as proposed under this CAL FIRE grant application scope of work. CAL FIRE funding is necessary to address fire safety issues and reduce the extreme number of large dead trees (some over 130-ft tall) and accumulated fuel. CAL FIRE funding to address fire prevention and fuel reduction would perfectly compliment the Coastal</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>Conservancy funding that is focused on long-term management of habitat and public access. The project would demonstrate multiple government agencies' ability to collaborate and solve complex environmental issues in the face of our changing climate. Ultimately, the CalFire funding would directly benefit the 3500 residences and neighbors that live under the threat of an uncontrollable wildfire at Ellwood Mesa.</p> <p>The City of Goleta is pursuing \$1,708,872 in CAL FIRE grant funds to address the immediate need for fuel reduction throughout the forested areas of Ellwood Mesa, to create a defensible space buffer around residences, to protect over 3,500 homes from uncontrollable wildfire, to conduct a community firesafe education campaign, and to protect sensitive species from wildfire.</p>
21-FP-NEU-0209	Olympic Valley Public Services District	Olympic Valley Fuel Reduction Project	Placer	\$1,095,597.00	<p>The proposed Olympic Valley Fuel Reduction Project will create three fuel breaks strategically located adjacent to and within the community of Olympic Valley in Placer County, California. The fuel breaks will total 259 acres located upon ridgelines immediately north and south of the community, and along the Squaw Creek corridor between the community's residential areas. The fuel breaks will be implemented utilizing mechanical and</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					hand thinning methods with mastication of surface and ladder fuels, where needed, such that flame length, intensity, rate of spread, and potential duration of wildfire will be significantly reduced. This project provides protection for the approximately 900 habitable structures in Olympic Valley as well as improved safety along the major evacuation routes of Squaw Valley Road and State Route 89.
21-FP-CZU-0291	City of Santa Cruz Fire Department	WUI Vegetation Management Moore Creek/Highway 9 Corridor	Santa Cruz	\$150,000.00	The purpose of this project is vegetation management to reduce fire risk and increase fire department access to the Moore Creek Preserve and Pogonip open spaces, both designated as Wildland Urban Interface (WUI). Both areas are in the moderate to high severity rankings per the FHSZ Viewer. This project will improve safety to first responders and homeowners living in the WUI by slowing the spread of the fire, which allows for safer direct attack, increased time for evacuations and less severe fire behavior. These areas are directly adjacent to and/or would directly affect State responsibility Areas. Project funding will be used to remove overgrown, combustible vegetation and dead/dying trees from the Moore Creek Preserve and Pogonip open spaces, which are both in close proximity to neighborhoods,

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>schools, healthcare facilities and places of worship. Removing this vegetation will create defensible space by way of a shaded fuel break between these open spaces and the surrounding community. The project will remove dead or hazardous trees consistent with the City Arborist dead tree removal planning efforts. It will also improve emergency access to these critical areas. These heavily used public open spaces feature very steep terrain and heavily wooded areas, and are home to many different plant and animal species. Reducing fuel is essential to lessening wildfire risk and greenhouse gas emissions. It is a matter of public safety. Access to open spaces and trails is highly valued and consistently ranked of high importance by residents in the Santa Cruz Parks Master Plan 2030. The project is directly related to the City of Santa Cruz FEMA Local Hazard Mitigation Plan, CWPP, wildland fire planning efforts, Climate Adaptation Plan and Community Firewise Community Planning coordination. Our target areas are used extensively for scenic and recreational enjoyment, and provide mental and physical benefits to our diverse community, many who would otherwise not have free access to nearby hiking trails and open land. The close proximity of the</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications					
Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					project areas to the developed areas of Santa Cruz have made them a magnet for transient encampments. Encampments and overgrown vegetation mean warming and cooking fires are prevalent, as is the increased the risk of fire spread. Contractor (s) will be directed as per the RFP process to mulch and chip as much of the vegetation debris as possible as to minimize impacts to the landfill.
21-FP-MMU-0220	Department of Forestry and Fire Protection (CAL FIRE	Promoting the use of Prescribed Fire in Southern Sierra	Mariposa*	\$716,768.00	Prescribed fire continues to catch the attention of residents, landowners, local governments, California Native American tribes, non-governmental organizations, and corporations throughout the state. However, despite recent increases in awareness, prescribed fire use is still limited in the southern Sierra Nevada. Communities in the region continue to have limited capacity, shared knowledge, or experience to sustain efforts to use prescribed fire on public, tribal, and private land. We propose to engage landowners, tribal members, and members of the public in an educational program to continue promoting awareness and expanding the use of prescribed fire for fuels reduction and ecological and cultural restoration. We will continue to coordinate and formalize a regional PBA in the Southern Sierra Region, bringing people to learn together, pool

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>financial, human capital, and equipment so they can more efficiently implement grassroots driven prescribed fire. We will train members on site assessment, site preparation, implementation of prescribed fire and post fire management and continue to take the critical role as Coordinator of Southern Sierra Prescribed Fire Council (SSPFC). This request is building on the work started during project # 5GA18211, which focused more on in class training, but now we move on to putting more effort into training burns to build skills, experience and acres treated by prescribed fire.</p> <p>We propose to:</p> <ol style="list-style-type: none"> 1) Host workshops to educate diverse audiences about the use of prescribed fire for fuel reduction and vegetation management on forests and rangelands in Tuolumne, Mariposa, Merced, Madera and Fresno counties, while promoting an integrated fire management approach that also includes thinning, grazing, mowing, etc. 2) Offer training that can be used to fulfill prerequisites for the California Prescribed Fire Burn Boss Certification. This will increase the complexity, pace and scale of prescribed fires that communities can lead.

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>3) Offer practical education during training burns and cultural burns to multiple audiences including homeowners and landowners, local prescribed burn associations (PBAs), tribes and residents of communities at risk of wildfire.</p> <p>4) Continue coordinating the business of the Southern Sierra Prescribed Fire Council (SSPFC). We will engage local government representatives, the medical community, and tribes, as identified in a strategic planning process with the SSPFC.</p> <p>5) Continue developing the regional Prescribed Burn Association in the Southern Sierra. This regional group has brought together participants interested in PBAs from Mariposa, Merced, Madera, Fresno and Tuolumne counties.</p> <p>Expected outcomes from this project are: 1) increased understanding of, interest in, acceptance of and skills to implement prescribed fire as an essential management tool for public, private and tribal land; 2) increasing acres prepared for and treated with prescribed fire and cultural burns on private, tribal and public lands, and by Prescribed Burn Associations (PBAs); 3) an increase in engagement with local communities and community groups on fire adaptation strategies; 4) an increase in engagement with</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					prescribed fire by disadvantaged communities; and 5) lower regional wildfire hazard ratings and ultimately improved access and rates of homeowners insurance
21-FP-SCU-0232	Contra Costa County Fire Protection District	Lafayette / Walnut Creek Shaded Fuel Break	Contra Costa*	\$4,991,832.00	The Lafayette / Walnut Creek shaded fuel break will significantly reduce the threat of uncontrolled wildfire and associated greenhouse gas emissions by reducing high fuel concentrations and disrupting the horizontal and vertical continuity of fuel beds. The tree canopy formed by healthy mature trees will remain largely intact to reduce the future growth of brush and understory vegetation, while preserving sequestered carbon in existing trees. The desired result is to restore fuel loading to more natural levels that can be maintained by the periodic introduction of prescribed fire. The project will result in the collective protection of over 30,000 residents by creating a shaded fuel break approximately 14 miles in length within Lafayette, Walnut Creek and Moraga. The entire area is located in a Mutual Threat Zone, with 226 acres in LRA and 24 acres in SRA. The project is divided into two phases so it remains scalable. Phase I is Walnut Creek and Lafayette at 194 acres, with Phase II consisting of East Bay Regional Parks and Moraga at 56 acres.

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
21-FP-MMU-0001	Coarsegold Resource Conservation District	Eastern Madera Fire Prevention Assistance	Madera*	\$1,191,350.00	<p>This project continues the work started with Coarsegold Resource Conservation District's previous CALFIRE grant #5GA16117. After the Creek Fire of 2020, residents who lived through the traumatic experience realized that they are not fully prepared for the threat of catastrophic wildfire. The scope of the problem has become so large that property owners cannot handle the mitigation efforts alone. Wildfire is a threat to everyone in the area; therefore, a community-based approach is necessary to find a solution. Our goal is to fill the gaps in our communities that other agencies or programs do not cover. The CRCD is currently operating as the NFPA's regional Firewise program coordinator. The Firewise program offers neighborhoods a framework to create and implement their own action plans. There are approximately 5000 homes in the SRA, and the CRCD is actively working at finding new neighborhoods that wish to become Firewise. There are currently 9 active communities and 4 more communities in the process of joining. CRCD has a directive to add 2-3 new communities per year so these numbers will grow considerably by the end of this grant period. While CRCD has funding for small scale brushing projects within these communities, CRCD is proposing to</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>assist with implementation of larger projects affecting the safety of the entire community such as tree felling and transportation, chipping, and maintaining emergency access roads. Although demographics vary greatly depending on the neighborhood, many of the residents in the Coarsegold, North Fork, and Oakhurst area make less than 80% of the statewide median household income and are considered disadvantaged communities (DAC). The CRCD also proposes to assist 40-50 disadvantaged or low-income individual property owners who do not have the means to use existing NRCS -EQIP or RCPP programs, or large enough parcels for CFIP. The proposed work will harden homes, create safer neighborhoods, and reduce hazard fuels throughout eastern Madera County. The Coarsegold Resource Conservation District proposes to provide:</p> <ul style="list-style-type: none"> • Hazard tree removal (focusing on evacuation routes) • Brushing (hand crews) and chipping around individual properties • Removal of debris to improve fire prevention in and around private property • Minimization of Greenhouse Gas emissions by reducing home burn piles

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications					
Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<ul style="list-style-type: none"> • Education of the community about fire prevention practices and safety techniques
21-FP-BEU-0055	City of King	Riverbed Wildfire Prevention Plan	Monterey*	\$224,000.00	Prepare a Riverbed Wildfire Prevention Plan (Plan) which addresses wildfires, and associated impacts such as reduction in greenhouse gas reduction, groundwater recharge, drought prevention, and pollution control through sustainable and nature-based methods along portions of the San Lorenzo Creek and Salinas River adjacent to King City. The General Plan Safety Element will be updated to reflect the Plan.
21-FP-MRN-0300	Golden Gate National Parks Conservancy	Near-Real Time Mapping of Drought Conditions to Support Wildfire Prevention	Marin	\$131,127.00	To support fire prevention planning and a myriad of other applications, most San Francisco Bay Area counties, including Marin County, have built or are in the process of building fine scale maps of vegetation, wildland fuels, wildfire risk and other landscape attributes (Green, 2021). With minimum mapping units of ¼ to 1 acre, the data sets are spatially rich and support multiple applications including wildfire fuels and hazard mapping, evacuation route planning, disaster response, carbon monitoring, infrastructure planning, watershed management, engineering design, sea level rise adaptation planning, wildlife habitat management, forest management, flood planning and

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>mitigation, and environmental and conservation planning. However, while spatially detailed, the fine scale data sets become temporally sparse over time, with updates only every 8-10 years or more, preventing the incorporation of near-term changes in landscape condition. For example, Sonoma County has lost 23% of its area to wildfires in the last 5 years which are not reflected in the county's 2014 fine-scale vegetation and wildland fuels maps. While fine scale maps of vegetation and wildland fuels are critical for fire suppression, risk reduction, and establishing evacuation routes, their intermittent temporal resolution hampers their usefulness as vegetation stress and mortality increase with accelerating global climate change. As a result, static maps of vegetation and fuels quickly become insufficient for effective wildland fire prevention planning. Local land managers and decision makers need:</p> <ul style="list-style-type: none"> • tools for flagging when vegetation and wildland fuel change has occurred, and • methods for inexpensively and consistently updating existing fine scale maps to reflect changes in the landscape. <p>To be of value for operational</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>management, detection methods need to function at monthly timescales or finer, and updating methods need to operate at least annually.</p> <p>This proposal seeks Fire Prevention Planning Grant funding to meet those needs by combining high temporal/low-moderate spatial resolution satellite sensors with fine scale maps to dynamically monitor and identify landscape disturbance, and incorporate those changes as updates into the fine scale maps by:</p> <ol style="list-style-type: none"> 1. Immediately implementing a dynamic web map that shows weekly changes in woody vegetation stress over time in Marin County and the surrounding area. 2. Evaluating the effectiveness of a suite of NASA and other sensors and other associated vegetation indices and evapotranspiration measures to determine the most accurate and reliable measures of wildfires, floods, development, and woody vegetation stress. 3. Exploring and quantifying relationships between vegetation stress and resilience to drought by using machine learning to evaluate stress levels relative to a suite of landscape characteristics. 4. Developing a framework for updating fine scale vegetation polygons and wildland fuels rasters

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>based on the identified disturbances. The core objective of this effort is to provide Marin’s land managers and decision makers with rapid near-term disturbance identification at a locally relevant scale to support on-the-ground fire prevention, and adaptation to accelerating changing climate in a highly populated, fire-prone landscape. The secondary objective is to develop a framework for keeping the County’s existing fine scale vegetation and wildland fuels datasets continually up to date by incorporating disturbance information into the fine-scale maps. The tools developed here should be easily portable to the rest of the Bay Area and the entire State.</p>
21-FP-MRN-0315	Center for Volunteer & Nonprofit Leadership	Hazardous Fuels Reduction through Community Service	Marin*	\$148,558.00	<p>Center for Volunteer & Nonprofit Leadership (CVNL) plans to implement a series of Community Service Days dedicated to hazardous fuels reduction in Napa, Solano, Marin, and Sonoma counties. The goal of these projects is to create and manage an all-volunteer effort of neighbors and community groups in close collaboration with local fire and parks agencies to remove hazardous fuels in order to decrease the risk of catastrophic fire. These Community Service Days will take place in high priority locations that were selected with input from local fire departments, land management nonprofits, city park and county park</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					officials, and additional key stakeholders such as low-income residents in the Wildland Urban Interface (WUI). CVNL specializes in bringing together diverse groups of stakeholders who either lack the resources to conduct their own hazardous fuels reduction or who have trouble coordinating their efforts. This project endeavors to support the strategic fire plans of the CAL Fire Units in Sonoma-Lake-Napa Unit and Marin.
21-FP-MRN-0338	GVNGorg	Wildfire Mitigation Initiative	Marin*	\$3,848,000.00	The Wildfire Mitigation Initiative will increase the quantity and the efficiency needed to protect habitable structures throughout California by leveraging the Frontline Mitigation Platform (the "Frontline Platform") and providing the Frontline Platform to local agencies whose goal is to distribute mitigation funds for the application of mitigation work on private land. The Frontline Platform is a cloud connected platform for use by Fire Safe Councils, Resource Conservation Districts, and/or other local agencies to a) reach their target private landowner audience b) to educate their target audience on wildfire mitigation work that can protect their home and c) inform their audience of available mitigation funds for completing mitigation work and d) track completion of mitigation work at

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>the parcel level. The Frontline Platform combines a simple to use web portal with the mobile Frontline app. The Frontline app is a free app that is available and can be downloaded at http://frontlinewildfireapp.zohosites.com/ and the Frontline Platform is available for review at https://docsend.com/view/pkhiqp2rpmw2yf4. The Frontline Platform provides a significant increase in efficiency in completing on the ground mitigation work because it provides an open channel of communication to grant recipients, while also being a mechanism to track mitigation work. This grant application seeks to generate funding to contract with the owner of the Frontline Wildfire Mitigation Platform (Fire Friends LLC), who will in turn license the Frontline Platform to the California Fire Safe Council ("CFSC"), the California Association of Resource Conservation Districts ("CARCD"), the respective local offices of the California Fire Safe Council and Resource Conservation District offices, or other local agencies operating throughout the State of CA. The grant funds will be used to license the Frontline Platform for a period of two years through Fire Friends, LLC to an aggregate of one hundred Fire Safe councils, Resource Conservation</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>Districts, or other local agencies that are distributors of wildfire mitigation funds from past, present, and future grant cycles. Collaboration to achieve the project will be with CFSC and CARCD, and subsequently through their local, branch offices that oversee mitigation projects with private landowners. If the grant application is funded, the end result will be a more efficient process to reaching and educating homeowners of wildfire mitigation work and to completing wildfire mitigation work than processes that are currently being applied; thereby, resulting in more wildfire mitigation work being completed on the ground, and a safer California.</p>
21-FP-TUU-0118	TULARE COUNTY RESOURCE CONSERVATION DISTRICT	GROUSE CONNECTION	Tulare	\$113,516.00	<p>The project's goal is to reduce fire fuels creating a critical fuel break within the SRA at "Grouse Valley" in Tulare County. The aim of the project is to connect completed fuel breaks on both ends of Grouse Valley Fire Control Road- the north end connecting with South Fork Drive (County Road SE of Three Rivers, CA) and the south end connecting with Blue Ridge Road north of Springville, CA. The 4 mile in length – 200 acre "Treatment Area" is located on private and public land. The 1,200 acre "Project Area" ties with previously completed fuel breaks completing a landscape-wide break between the</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>Tule and the Kaweah River drainages. It is designed to protect the communities of Three Rivers and Springville, as well as Sequoia NP and Sequoia NF to the east. The project area was impacted by the recent Castle Fire where the completed portions of the project area provided the actual fire break that was utilized by fire managers to stop the westward spread of the blaze. An estimated 500 homes and ranches are in the immediate area. The area impacted by the project contains more than 1,500 structures plus a valuable regional communication site. The completed project will provide an additional escape/evacuation route for residents as well as access into the area for firefighters.</p>
21-FP-MVU-0042	Urban Corps of San Diego County	Valley Center Vegetation Management and Wildfire Mitigation 2022	San Diego*	\$145,895.00	<p>The project is brought together based on a relationship with Urban Corps of San Diego County (UCO), The Greater Valley Center Fire Safe Council (GVCFSC) and the Valley Center Fire Department (VCFD). This work will focus on 8 areas, 39.5 acres along 9 miles of roadway and will protect approximately 650 homes, buildings and structures. The goals of this project are to reduce the amount of flashy fuels along the roadways to decrease the likelihood of vehicle caused fire and to increase the safety of the potential evacuation routes</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>within and out of the communities so that in the event of an incident residents, community members and first responders coming in can travel the roads safely. This project will treat the areas to 20 feet from the edge of the established road.</p>
21-FP-MVU-0089	Tree San Diego	Valley Center FPD Wildfire Hazard Mapping	San Diego*	\$460,237.00	<p>Aerial mapping of California wildfire damage shows that reducing vegetation in proximity to structures is the single most important defense against wildfire destruction. Proposed by Tree San Diego and Firewatch is the Valley Center FPD Wildfire Hazard Mapping project that will bring high-resolution wildfire hazard maps of the Valley Center Fire Protection District and San Pasqual Reservation created with an aircraft and multispectral imaging system. The wildfire hazard maps will be subdivided into "defensible space maps" for all 6,120 homes in the District and will be integrated into a geospatial database for monitoring and enforcement of defensible space requirements. To detect degree and location of wildfire risks for local communities, GIS proximity analysis and object-based classification of vegetative fuels will be measured; this will support community wildfire prevention, planning, and preparedness initiatives. Changes in vegetative fuels over time will be measured annually for three years by</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>aircraft using repeat station imaging (RSI) of GPS locations. The 100 sq. mi. project will improve homeowner management of their defensible space and help reduce the spread and intensity of wildfires, while decreasing greenhouse gas (GHG) emissions. Additional benefits include potentially reducing insurance costs and increasing property value in a high wildfire risk area.</p>
21-FP-MVU-0161	Fire Safe Council of Greater San Diego County	Fuels Reduction in San Diego County	San Diego*	\$2,436,168.00	<p>Our project focuses on critical hazardous fuel reduction throughout San Diego County, specifically on a defined target area, that is essentially a north-to-south inland valley and mountain corridor. We will leverage several key partnerships to increase the pace and scale of our established defensible space programs within this zone, and support our partners and affiliate local fire safe councils to complete larger scale community projects in an effort to link project areas, ultimately helping to make a contiguous fire prevention corridor that increases protection of people, structures, and communities. Our project will be managed by the staff of the Resource Conservation District of Greater San Diego County (RCDGSDC), working in partnership with the Fire Safe Council of San Diego County (FSCSDC). Together since 1997, our organizations, in</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>collaboration with the community, our partners, and funders have worked to prevent occurrence and intensity of wildfires in our region by managing fuel reduction programs, alongside outreach and education.</p> <p>FSCSDC is overseen by an Executive Board comprised of 15 representatives of local, state, federal, private, and tribal fire agency partners, and achieves its mission by developing and supporting local fire safe councils (FSC), and administering community programs which promote and assist in creating defensible space: roadside chipping, defensible space assistance, hazard tree removal, educational workshops, and outreach events. We support local FSCs groups by helping them to incorporate and organize a local group of volunteers, assisting with drafting and updating their own Community Wildfire Protection Plans (CWPP), and providing technical assistance (TA) for funding and project management. Our support of local FSCs complements our mission to foster fire prevention and safety throughout the San Diego region. This work is funded through grants from USFS-SFA2021, San Diego River Conservancy, and DOC RFFC, which in addition to partially funding our FSC, DSAP, chipping, and forest health programs, also partially funds staff</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					time to lay the groundwork for identifying shovel ready regional projects such as those outlined in this application.
21-FP-MEU-0096	Mendocino County Fire Safe Council	Mendocino Community Egress/Ingress Project	Mendocino*	\$2,522,335.00	Please note: this Project has a modular design so that selected components can be funded if the full request amount is not available. A significant portion of Mendocino County's residents live in WUI areas characterized by high fuel loads in neighborhoods with limited access for emergency vehicles and resident evacuations, and areas addressed by this Project are described in the 2015 Mendocino County CWPP as "Intermix Communities ... immediately surrounded by wildland fuels." This Project will increase the probability of successful structure protection, improve firefighter safety during fire suppression activities, increase resident safety during evacuations, provide a number of strategic fire breaks, expand the effectiveness of future efforts through an equipment purchase, and offer educational outreach to hundreds of residents on home-hardening and defensible-space clearing. Specifically, the project will consist of the following activities conducted over a three-year performance period: 1) Fuels Reduction. Fuel reduction focuses on road-clearing and the creation of

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>shaded fuel breaks along populated one-way-in and one-way-out access routes in the following areas: Elkhorn Road, East of Yorkville (a CAL FIRE MEU-identified priority area); along multiple roads in the Cherry Creek area south of Laytonville; in the Vista Del Lago area northeast of Lake Mendocino (CAL FIRE MEU has committed to assist with road-clearing in this area); and along multiple roads in the Ridgewood area south of Willits. An estimated Project total of 34.66 miles of cleared roads and 243.97 acres of hazardous fuel loads will be treated, helping to protect an estimated 1,685 residents and 899 homes, as well as a significant daytime (and in some cases residential) workforce on local farms and ranches increasing this resident count. The purchase of an ATV with a fire suppression pump and hose for use at MCFSC worksites (as well as Mendocino Prescribed Burn Association projects) will provide fire-suppression capacity at job and burn sites, to improve the implementation and cost-effectiveness of future fuels-reduction activities. 2) An Educational Outreach component of this Project will motivate action by community members to improve their own defensible-space clearing and home-hardening through 100 onsite</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>community wildfire-safety home-assessment demonstration events at 300 homes (average 3 homes per event) over 2–3 years. These events will be open to the public, multiplying the educational benefits by real-life “field-trip” demonstration of principles and practices of WUI access/defensible-space/home-hardening to community members as well as homeowners. This component includes purchase of the cutting-edge FireAside software now used in Marin County, plus training on the software, allowing us to deliver comprehensive, prioritized recommendation reports for each site, with tracking capabilities to conduct follow-up on the recommended actions.</p>
21-FP-MVU-0318	Deer Springs Fire Protection District	Deer Springs Fire Risk Reduction	San Diego	\$832,774.00	<p>The project will provide removal of dead and dying chaparral along a high-risk slope directly above an interstate and below the Hidden Meadows community with over 2,500 homes. Removal of the dead and dying chaparral will significantly reduce GHG emissions when a fire burns the hillside. The fuel load along the slope is between 20 tons to 40 tons per acre, which would result in CO2 emissions between 32 to 65 tons per acre if burned. With a minimum of 50% fuel reduction, the maximum fuel load will be reduced to 20 tons per acre. With an expected treatment area</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications					
Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					of 113 acres, this directly results in the removal of up to 3,613 tons of CO2 produced by vegetation.
21-FP-MVU-0350	City of Vista	Fuel Reduction in Vista	San Diego	\$378,000.00	The Vista Fire Department (VFD) requests \$378,000 to conduct fuel reduction activities throughout the City of Vista and the Vista Fire Protection District and facilitate citywide coordination related to fuel reduction activities. There are approximately 37,000 habitable structures within an area of 36.5 acres for which VFD is responsible. Fuel reduction activities will focus on approximately 150 acres in six prioritized areas.
21-FP-NEU-0085	0	North Fork American River Shaded Fuel Break Phase III	Placer*	\$8,217,664.00	Placer RCD received funding in the 2020/2021 CAL FIRE Fire Prevention grants cycle, to treat 865 acres of densely vegetated forestland along the North Fork American River Canyon. Although this level of fuels reduction may improve some aerial and ground resource suppression in the event of a wildfire in the canyon, it falls far short of the level of protection that Placer County requires to achieve wildfire resiliency. This proposal is an expansion of the North Fork American River Shaded Fuel Break (NFARSFB) Phase II and will treat an additional 1,738 acres of private and federal lands. Combined, Phase II and Phase III of the NFARSFB will treat 2,603 acres. The grant maps show treatment areas

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>in order of first, second, and third priority lands. The project footprints were prioritized based on suppression strategies, wind patterns, and local fire history. NFARSFB Phase II, Placer RCD's previously awarded grant, will treat all of Priority 1 (551 acres) and approximately half of Priority 2 (314 acres). The current proposal, NFARSFB Phase III, will treat the remaining Priority 2 acreage (347 acres) and all of Priority 3 (1,391 acres). Therefore, the total proposed treatment area for Phase III is 1,738 acres. The treated acreage is subject to change based on limitations associated with terrain, contractor pricing, and the results of archeological and biological surveys. The proposed acreage includes five firebreaks, totaling approximately 440 acres on federal land, between the North and Middle Forks of the American River to serve as large-scale check lines for wildfire and were initiated more than a decade ago. The previous NFARSFB Phase II proposal will re-treat one of the firebreaks (80 acres). The current proposal will re-treat the remaining four firebreaks (360 acres), to provide opportunities for suppression resources to successfully protect communities along the Foresthill Divide. Without additional treatment, these firebreaks</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>will be futile if a wildfire ignites in the canyon.</p> <p>Most of the proposed treatment area is located east of Weimar and continues north along the canyon rim to connect with Phase I of the NFARSFB, which was successfully implemented in 2019. However, the benefits of the project will extend far beyond the cities of Weimar and Colfax and provide wildfire protection to many communities in eastern Placer County. When a wildfire ignites in the American River Canyon, it threatens high-risk populations, millions of dollars of infrastructure, and valuable natural resources. Habitable structures are located throughout the proposed project area, and all treatment areas are located no more than one mile from a habitable structure. Many of the existing roads in the treatment footprint are overgrown and thick with vegetation, precluding safe evacuation and endangering the ingress and egress of first responders. To mitigate wildfire severity and intensity, the project will utilize several different fuels reduction techniques including mastication, hand cutting, chipping, pile burning, grazing, herbicide, and broadcast burning. Ultimately, this proposed fuel break will connect to a larger strategic shaded fuel break located along the North Fork American</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications					
Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>River canyon rim, beginning on the west end in Auburn and extending east through Bowman, Applegate, and Colfax.</p> <p>Placer County is one of the fastest growing counties in the state, and rapid development and urban sprawl are expected to continue. Fuels reduction in Placer County is a necessary investment in public health and safety in the face of climate change, population growth, and the increasing risk of catastrophic wildfire.</p>
21-FP-NEU-0117	Dobbins Oregon House Fire Protection District	Lake Francis Estates Fuel Reduction Project	Yuba*	\$138,723.00	<p>First, we will enhance our community engagement and education initiatives through press releases, community events, and defensible space inspections. Yuba Watershed Protection & Firesafe Council is actively assisting the community in the pursuit of Firewise status. If approved, Lake Francis Estates (LFE) will be the first in Yuba County.</p> <p>Secondly, by performing strategic fuel breaks, we will be decreasing the risk of high-severity wildfire by reducing the fuel load of six decades of forested overgrowth on an estimated 32 acres of land. The clearance will allow fire personnel and emergency services with better access to perimeters and thus reduce the amount of GHG emissions. As a result, this will lessen the likelihood that wildfires will spread to our community and destroy even</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>more homes, our water system (wells, storage tanks, and other critical infrastructure of the Lake Francis Mutual Water company), and lives. Finally, performing roadside vegetation management on our one and only ingress/egress route will increase safety of wildfire evacuation operations and decrease the risk of roadside vegetation fire starts. This step will prevent/minimize the need for cleanup and rebuilding of our community if destroyed by wildfire The project will benefit 756 households in the Dobbins and Oregon House community.</p>
21-FP-NEU-0128	North Tahoe Fire Protection District	Alpine Meadows CWPP Implementation	Placer	\$585,313.00	<p>North Tahoe Fire Protection District will reduce hazardous fuels on at least 50 acres, but not more than 150 acres of priority WUI Defense Zone areas within the Alpine Meadows community in the Bear Creek Watershed as identified in the Lake Tahoe Basin Community Wildfire Protection Plan, and in the CAL FIRE NEU Strategic Fire Plan. These treatments support a comprehensive multi-jurisdictional forest resilience and fuel reduction strategy surrounding critical community infrastructure. These treatments will improve forest health, protect carbon storage, provide greenhouse gas emissions reduction benefits, and reduce potential fire impacts in upper watershed forests</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>while achieving climate goals and improving public health and safety. The Alpine Meadows community of approximately 500 homes (650 dwelling units) along Alpine Meadows Road stretches three miles from State Highway 89 to Alpine Meadows Ski Area. Placer County’s Assessed Valuations for the Alpine Meadows community totaled \$454,486,677 for 2021/2022. Alpine Meadows Road is the only ingress/egress for the community. The area consists of approximately 770 private parcels with interspersed open parcels in the Bear Creek Watershed. The elevation of Alpine Meadows ranges from 6185 feet at the mouth of the canyon to 6835 feet at the lodge. Mountain peaks above the community are at 8637 feet.</p> <p>The entire water district is classified by the State of California as State Responsibility Area (SRA). Forest health and wildfire resilience is very important to the Alpine Meadows community. Like many Sierra alpine communities, Alpine Meadows has had a fairly high tree mortality rate, leaving a number of dead and dying trees, primarily shade tolerant species like white fir. These dead trees exacerbate wildfire fuel loadings, and in some cases pose a threat to life and property. Wildfire fuel loadings within</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications					
Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					the Alpine Meadows communities contain a significant amount of dead material, ladder fuels, brush undergrowth, and tree density that's widely departed from ideal forest structure conditions. Fire behavior in these fuel types as standing would be very difficult to control.
21-FP-HUU-0305	Yurok Tribe, Yurok Fire Department	Weitchpec Community Infrastructure Protection Project	Humboldt*	\$2,064,282.81	The Yurok Fire Department, YFD proposes to implement a project on the Yurok Indian Reservation in Weitchpec, California to reduce hazardous fuels around 35 elderly, handicap, physically or mentally disabled.., critical tribal community habitable structures/infrastructure buildings, in combination with a 50' to 100' roadside shaded-fire break where we can along both sides of the Highway 96 corridor in the town of Weitchpec. Some roads you cannot get 100' of land. The project will consist in the Wildland Urban Interface (WUI) that serves the Yurok people and their surrounding communities.
21-FP-NEU-0175	Stewardship West	La Barr Empire Fuel Reduction	Nevada*	\$211,802.00	The focus of this project will be the creation of an approximate 44-acre fuelbreak along the southern border of Empire Mine State Park and the eastern flank of a portion of State Route 49 and La Barr Meadows Road. The project area consists of an overstocked Sierran mixed conifer habitat type, with dense understory of manzanita, Ceanothus, other

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>miscellaneous brush and tree saplings. The proposed treatments include masticating the brush understory, thinning suppressed or intermediate tree species that facilitate the vertical and horizontal continuity of fuel throughout the stand, and thinning co-dominant trees to increase spacing between residual trees and reduce canopy closure to 40%-50% (not to exceed 40%). Areas with brush and no overstory trees will retain pockets of brush approximately 10' x 10' for wildlife habitat and soil stabilization. Sapling trees will be identified by the RPF for retention if there is space for the recruitment of a future overstory trees. These pockets and residual young-growth trees will not be retained under the crown of residual overstory trees. Residual trees will be of good phenotypic quality and capable of seed production. Oak species may be thinned if their removal facilitates the horizontal and vertical spacing objectives of this project, and no oaks over 26" outside bark stump diameter will be removed unless they are dead or dying. This project is situated to protect dozens of private and commercial structures along La Barr Meadows Road in the vicinity of McKnight Way, the property and infrastructure within Empire Mine State Park, and a portion of the southern</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>boundary of Grass Valley LRA. We anticipate the impact zone of this project to protect hundreds of private and public structures and infrastructure. This project is intended to be a pilot project used to showcase grant funded fuel reduction projects on private lands and will be extended in the future to incorporate more properties for the continued protection of the surrounding communities and infrastructure.</p>
21-FP-NEU-0176	Stewardship West	Lobo Bitney Fuel Reduction	Nevada*	\$259,381.00	<p>The focus of this project will be the creation of an approximate 55-acre fuelbreak off Bitney Springs Road and Lone Lobo Trail near the communities of Newtown and Rough and Ready. This project also encompasses the eastern portion of Kentucky Ridge and extends to the ridge's highest point. The project area consists of approximately 28 acres along the western portion of the project of low diameter, high density ponderosa pine regrowth estimated to be over 1,000 trees per acre intermixed with a thick layer of manzanita and other brush. The proposed treatment here is to reduce the stocking level of ponderosa pine and other tree species to 70-75 trees per acre and remove the understory of competing brush. Along the eastern portion of the project, there is an approximate 11-acre black oak dominant stand with a heavy brush</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>understory. In this area, the brush will be masticated and the only overstory oaks that will be removed are any that are dead, dying, or diseased. Suppressed or intermediate oaks will be considered for removal by the RPF if they facilitate the objectives of the fuelbreak. This will remove any unhealthy or stagnant oaks and contribute to the overall health and growth of this stand, which will increase growth and sequestration rates of residual stems. No healthy oaks over 26" outside bark stump diameter will be removed. North of the young growth ponderosa stand there is approximately 9 acres of more mature conifers with a heavy brush component in the understory. The understory brush will be masticated, suppressed or intermediate trees will be considered for removal by the RPF if they facilitate the goals and objectives of the fuelbreak, and overstory tree removal will focus on dead, diseased, or dying trees. Post-treatment canopy closure will not be below 40%.</p> <p>This project is situated to protect multiple private residences, commercial and public properties and infrastructure, including private properties along Lone Lobo Trail, Loxie Lane, Hayden Road, and Bitney Springs, a Penn Valley Fire Protection</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>District station off Bitney Springs Road, 1/3 of a mile of NID’s Newtown Canal, and commercial businesses. This project is intended to be a pilot project in the area that will be used to showcase grant funded fuel reduction projects on private lands and their benefit to the safety of the community at large and the forest health benefits of proper forest management. The community outreach and support garnered by this project will be used to expand the fuelbreak west along Kentucky Ridge and the Deer Creek drainage in the coming years, providing continued protection of the surrounding communities and infrastructure.</p>
21-FP-CZU-0047	San Mateo RCD	La Honda Fuel Break Project	San Mateo*	\$3,827,299.00	<p>La Honda is an underserved community in the predominantly high fire risk south coast region of San Mateo County. The local CWPP (Community Wildfire Protection Plan) has identified it as a High Priority area for fire prevention work to protect the approximately 1000 residents, recreational lands (county parks, open preserves, youth camps), community services (humane society, juvenile services), community assets, ranches, and businesses, which are tucked within the mixed-forest landscape of the Santa Cruz Mountains. The local CAL FIRE unit (CZU) has envisioned a strategic 19 mile (~100,000 feet)</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>circular fuel break surrounding the community to support fire prevention. The San Mateo Resource Conservation District (RCD), working closely with CZU, will serve as project lead to plan, design, permit, and implement this fuel break to protect this vulnerable community and surrounding areas from fire. The RCD has a successful history working with landowners in La Honda on multiple resource management projects including fuel reduction. For this project, the RCD has brought together 21 private and public landowners and land managers to complete this fuel break and has the strong support of the community, FireSafe Council, and government officials. The fuel break is expected to treat approximately 230 acres through the reduction of dense vegetation and the removal of ladder fuels such as small-diameter trees and brush. In the event of a wildfire, these actions would provide safe access for fire engines and firefighting personnel, support the creation of firelines, and potentially slow the spread and lower fire intensity.</p>
21-FP-BDU-0326	Bishop Paiute Tribe	Bishop Paiute Tribe Fire Prevention	Inyo*	\$1,341,226.73	<p>The Bishop Paiute Tribe is a federally recognized tribe whose ancestral lands encompass over 2 million acres of the greater Owens Valley region east of the Sierra Nevada Mountains, California. The current Reservation is</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>in the northern Owens Valley in Inyo County, California. Its exterior boundary shares a boundary to the east with the City of Bishop, to the north, west and south with the City of Los Angeles Department of Water and Power and private land of the unincorporated "West Bishop" area. The Reservation land base totals 875 acres. The Bishop Paiute Tribe has been identified as a high hazard area according to the Inyo County Community Wildfire Protection Plan (CWPP). This Fire Prevention Project will target on hazardous fuels reduction by methods of defensible space of 228 of tribal lands that are unmanaged and are a threat to 670+ habitable structures. By following the recommendations provided in the Inyo County CWWP Fuels reduction will be implemented by creating 100 acres of defensible space in zone 2 (15 -100 feet) around structures, 100 acres of Shaded fuel breaks will be performed in areas of zone 3, 10 acres of fuel breaks will be created or maintained, and 10 acres of Roadside fuels reduction will be performed to reduce risk for emergency services. There have been previous projects for fuels reduction on areas of the reservation in previous years but with the drought carrying on for over 5 years there has been a big establishment of invasive</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>weeds that are overtaking native grasses and creating tall stands of flashy material that grow adjacent to structures. Pastures are not getting irrigated properly with the limited water we get supplied for the season and has caused trees, grasses, and brush to die off creating dense fuel loads. These hazardous areas are adjacent to small homes with stucco or wood sidings, modular units that range from single wide to triple wide and administrative and departmental buildings. The Tribe has a contract for the City of Bishop's Volunteer Fire Department to respond to Fires and emergencies, but this only provides the Tribe assistance if they are available. The community is also labeled as a Low-Income Community, in accordance to the California Climate Investments Priority Populations 3.0 Census Tract 6027000400.</p>
21-FP-NEU-0217	US Forest Service, Tahoe National Forest, American River RD	American River Ranger District Equipment Request	Placer	\$250,000.00	<p>The Tahoe National Forest, American River Ranger District is seeking financial assistance in purchasing heavy equipment to assist with reducing and maintaining hazardous fuels accumulations on federal lands within and around the communities of Foresthill, Iowa Hill, and Michigan Bluff. These Wildland Urban Interface (WUI) communities are within CAL FIRE State Response Areas (SRA) and identified as High and or Very</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>High for potential large wildland fire growth. As of late, the US Forest Service has been actively creating and implementing hazardous fuels reduction projects on federal lands adjacent to these communities.</p> <p>The following projects are either completed, under implementation, or in contracting phases:</p> <ul style="list-style-type: none"> • Deadwood Vegetation Management and Fuels Reduction Project (NEPA decision signed May 2011) - approved activities included 2,433 acres of thinning and prescribed fire. • Sunny South Insect Treatment Project (NEPA decision signed August 2016) - approved activities included 2,700 acres of thinning and prescribed fire. • Trailer Park Hazardous Fuels Reduction Project (NEPA decision signed October 2017) - approved activities included 23 acres of thinning and prescribed fire. • Michigan Bluff Community Protection Project (NEPA decision signed December 2019) - approved activities included 1,792 acres of thinning and prescribed fire. <p>The US Forest Service has been active in creating and implementing hazardous fuels reduction projects on federal lands adjacent to these communities. In 2019, prescribed fire</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>operations began along the Foresthill/Divide Road. While prescribed fire is a necessary and cost-effective forest management strategy, it is becoming more difficult to manage due to lack of personnel, seasonal drought, critically dry vegetation, and longer wildland fire seasons which result in fewer available fire resources. Since then, the area has been negatively impacted by out breaks of bark beetles and periods of long-term drought. These additional environmental stressors are contributing to greater mortality in mid elevation ponderosa pine stands post prescribed fire operations. In WUI areas, the use of mechanical equipment has proven to be effective in managing forest fuels and helping to reduce the threat of wildfires. The use of heavy equipment to manage fuels accumulation also decreases potentially negative air quality issues associated with both wildfire and prescribed fire.</p>
21-FP-LNU-0246	Robinson Rancheria Band of Pomo Indians	Lake County Multi-Tribal Fire Prevention Project	Lake*	\$1,440,176.00	<p>The Lake County Multi-Tribal Fire Prevention Project (heretofore referred to as Project) will take place in Lake County, Northern California. Hazardous fuel reduction is high on the priority list after six years of poor air quality, repeated evacuations, destruction of whole communities, and severe damage to ecosystems. Tribes</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>are at particularly high risk, given remote location, limited access to internet and communications, public health concerns regarding wildfire smoke, and proximity of tribal communities to the wildland urban interface (WUI).</p> <p>This project will focus on hazardous fuels reduction on about 200 acres of tribally significant land in Lake County owned by four tribes, with a focus on reducing the threat of wildfire to people, structures, and communities. The implementation of the fuels reduction work will occur in collaboration with an intertribal workforce development program that will run a third cohort of students through its training program. Additionally, a prescribed fire training exchange (TRES) event will be hosted in the county in 2023 so that local practitioners can continue to participate in professional training. This project will reduce fuels on a total of 200 high priority acres (141 acres of fuel reduction and 70 acres of maintenance and clearing of fuel breaks) to slow or stop a wildfire before it can enter 8 communities protecting 5,360 habitable structures. The hazardous fuels work will be supported by a community outreach and public education campaign designed to increase awareness</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>around defensible space and fuels management and build tribal support for maintaining these efforts. All these activities will reduce the risk of wildfire starting, spreading and developing into a catastrophic fire that deposits tons of GHG emissions into the atmosphere including extremely potent black carbon which is also a public health hazard.</p>
21-FP-NEU-0241	County of Nevada	South Yuba Rim Fuel Break Planning	Nevada*	\$606,312.00	<p>The South Yuba Rim Fuel Break (SYRFB) project is located on the San Juan Ridge in Nevada County. When complete, this landscape-level shaded fuel break will stretch along the north rim of the South Yuba River canyon from South Yuba River State Park at Bridgeport to Malakoff Diggins State Park, about 20 miles up the Ridge. The fuel break will be up to 1 mile wide in some places, and will tie together several existing projects in the area, including the Reader Ranch VMP, Bunker Hill VMP, Montezuma Ridge (Jackass Flats Road) Fuel Break, 'Inimim Forest Restoration Project, and Malakoff VMP. This "planning" phase of the project will complete CEQA/NEPA analysis and fuels reduction treatment planning for up to 6,612 acres of State and Federal Responsibility Area lands along the fuel break. The planning area includes the Bunker Hill VMP parcels, as well as parcels in 3 additional new</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>neighborhoods: French Corral, Montezuma Ridge, and Lake City-Grizzly. The SYRFB is strategically located to protect the cities of Grass Valley, Nevada City, and Rough and Ready from a wildfire coming from the north, and protect the communities of the San Juan Ridge from a fire moving up out of the South Yuba River canyon. Approximately 300 habitable structures exist within the project's treatment zone, and at least 10,500 habitable structures will be protected within the larger project influence zone.</p>
21-FP-NEU-0243	Dobbins Oregon House Fire Protection District	Dobbins Oregon House Fire Protection District Fire Burn Boss Education	Yuba*	\$15,000.00	<p>This project will reduce greenhouse gas emissions through the promotion of prescribed fire for use as a tool by landowners. Increased prescribed fire use on private lands will reduce risk of wildfire and increase community resilience. Wildfires are uncontrolled phenomena that release more CO2 and other emissions per acre than an equivalent prescribed burn, with an average of 18 to 25% more emissions released from wildfires vs. prescribed burns. Planned prescribed burn management can help reduce GHG emissions, especially particulate matter, while achieving management goals of landowners. By having 3 certified Fire Burn Boss, DOHFPD will be able to assist Dobbins, Oregon House, and</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications					
Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					neighboring districts like Loma Rica, Foothills, Camptonville, and others for prescribed burns.
21-FP-NEU-0244	Dobbins Oregon House Fire Protection District	Equipment & Supplies for Sustainability & Maintenance of Fuel Break	Yuba*	\$58,150.00	This will support the sustainability of the LFE Fuel Break 21-FP-NEU-0117 application and will be an available resource for the Dobbins and Oregon House area for local community volunteers to thin and maintain high fuel areas. Many of the areas that need continued maintenance are not accessible by road. The utility vehicle will allow transport of crew and supplies to the work area. The request for industrial chainsaws will allow the fire crew and local volunteers to perform better.
21-FP-NEU-0265	Northstar Fire Department	Northstar Community Evacuation/Fuel Break Reduction Project	Placer	\$1,235,000.00	The Northstar Community Evacuation/Fuel Break Reduction Project is designed to supply funding to treat 485-acres of forested land at an average cost of \$3,800 per acre. The Northstar Fire Department will serve as the grantee and lead agency for this proposed project. The project is designed to meet Priority Number One of the 2022 updated Community Wildfire Protection Plan. Priority Number One is based on establishing forest fuels reduction zones along the community's designated evacuation routes and open space common areas. This will be conducted by treating the first 300' of forested areas along roadways (150' from centerline),

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					open space common areas, and evacuation safety zones. A forest fuels reduction project of this size will consider the lives and structures that are exposed to wildfire threats on an annual basis.
21-FP-NEU-0283	Greater Auburn Area Fire Safe Council (part of the City of Auburn)	Greater Auburn Area Firewise Community Fuels Reduction Matching Fund	Placer	\$370,800.00	<p>The purpose and scope of this proposed four-year project is to provide matching funds for nine certified Firewise Communities (FWC) within the greater Auburn area to support the cost of mechanical treatment, chipping and/or subsequent chemical and grazing retreatment projects on privately-owned land. These communities contain 1,159 dwellings on approximately 579 acres. For planning purposes, each FWC will be allocated \$10,000 in grant funds each project year (\$90,000 per year times four) and will be expected to match the funds used on a dollar-for-dollar (50% match) donation basis. For the four-year grant period, the project cost is estimated to be \$370,800.</p> <p>Grant funds will be used to purchase contractor services and equipment rentals (chippers, waste bids, etc.), but not to buy equipment or perform work on the Auburn Shaded Fuel Break or federal land. The Greater Auburn Area Fire Safe Council (Council) will manage the project and the Auburn Chamber of Commerce Foundation (Chamber) will provide fiscal agent</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>services. The Chamber will be paid 3% indirect costs of \$10,800. This is a familiar activity for both organizations as the Chamber has maintained a Project Canyon Safe matching fund (Fund) for 12 years for fuels reduction projects. The grant and matched donated funds will result in a combined economic benefit of \$760,000 to the greater Auburn area.</p>
21-FP-BTU-0222	Yankee Hill Fire Safe Council	Staging Areas - Maintenance and Enhancements	Butte*	\$862,931.00	<p>The Staging Areas – Maintenance and Enhancements project - proposes to reduce (210) acres of hazardous fuels between seven public assembly points and assist ten homes with defensible space within the low-income communities of Concow, Yankee Hill, and Cherokee. The impact of the 2018 Camp Fire and the 2020 North Complex – Bear Fire displaced residents and reduced the habitable structures to approximately 540 from 1076. The staging areas are identified in the community evacuation plan, and they played a role in the 2018 Camp Fire by saving lives and allowing a safer zone for first responders to stage. Maintenance is required in some sections now due to the severity of tree mortality from the prior fires and current drought conditions, trees continue to fall causing hazardous fuel conditions. Enhancements around the staging areas will be the new parcel sections that will aid in broadening the</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>buffer zone and eventually, connecting staging areas in pairs of two. This will make the safer zones more effective for lessening the intensity of a wildfire, increasing public safety, and provide critical strategic locations safe for first responders. Working with a registered professional forester we'll complete CEQA. Fuel reduction contractors will be hired who have hand crews and the equipment necessary to do the work in a way that reduces Green House Gas (GHG) emissions as much as possible. Education and outreach activities will be weaved in through fire prevention messaging on defensible space and maintenance, hardening of homes, FIREWISE Days, events/meetings, and update the current community evacuation plan.</p>
21-FP-SLU-0259	Upper Salinas-Las Tablas Resource Conservation District	Monterey Pine Forest Health and Fire Prevention Planning	San Luis Obispo	\$3,455,280.56	<p>The forest, woodland, and grassland landscapes across San Luis Obispo County are undergoing significant change, including altered fire regimes and increased fuel loads that are driving larger and more catastrophic wildfires. The result has been damaging changes to ecosystems that require environmentally sensitive landscape-level treatments to redirect the path of both changing climates and ecological conditions impacting the area. This risk is especially palpable</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>to a large number of communities that exist within the Wildland Urban Interface (WUI) in this region. Much of the San Luis Obispo County has been classified as “Very High” Fire Hazard Class by CAL FIRE (Wildfire Severity Hazard, 2021). The coast is particularly vulnerable to catastrophic wildfires due to historic development and resource management patterns. The Upper Salinas-Las Tablas Resource Conservation District (US-LTRD), in collaboration with the San Luis Obispo County Community Fire Safe Council, CAL FIRE, the Cambria Community Services District (CCSD), local landowners, and the community of Cambria, California have identified the Monterey pine (<i>Pinus radiata</i>) forest as rare, important forestland in need of restorative management focused on forest health and fire prevention. The Cambria area this proposal is addressing is classified as “High” Fire Hazard Severity Class and listed as a “Community at Risk” (Office of the State Fire Marshall). High priority forest health and fire prevention projects must be first planned, then carried out on a routine basis to promote fire</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>resiliency in these coastal areas. In addition to the direct human and ecological toll of these catastrophic wildfires is the global toll of their greenhouse gas emissions. In order to meet this challenge and progress the regions and State’s priorities, the Upper Salinas-Las Tablas Resource Conservation District (US-LTRCD) will design and implement a Project Specific Analysis (PSA) on 210 acres of the University of California, Kenneth S. Norris Rancho Marino Preserve (UC Rancho Marino), and develop at least 3 individualized forest management plans (FMPs) on individual properties that will cover 350 acres of Monterey Pine dominate forest in the Northern Coastal Zone of San Luis Obispo County.</p> <p>This project lies on the WUI of the Cambria community, and will reduce the fire risk of 2100 structures and 13,000 acres (San Luis Obispo Land Use View, County of San Luis Obispo).USLTRCD will conduct outreach and host at least 3 workshops to invite additional landowners to participate in future planning and vegetative treatments.</p> <p>Project Tracking Number: 21-FP-SLU-</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>0259 2</p> <p>Knowledge-driven fuel reduction projects seek to emulate the effects of evolutionary fire regimes, create a system that is equipped to respond to natural disturbance events in the future, or provide strategic safety measures for fire personnel and the public, with minimum impacts to the natural environment. With vegetation serving as the primary source of fuel in wildland fires, manipulation of vegetation to create fire resistant, ecologically resilient, and healthy ecosystems is paramount to ensuring the safety of human life and property as well.</p> <p>These considerations are the foundation for site-specific Forest Management Plans (FMPs) and Project Specific Analysis (PSA). “Project-Specific Analysis” and “PSA” is the process developed as part of the CAL FIRE’s statewide Vegetation Treatment Program (CalVTP) Programmatic Environmental Impact Review (PEIR) for a stream-lined approach to permitting and urgent implementation of perscripted vegetative treatments to reduce the risk of wildfire. Forest Management Plans are guiding</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>documents for landowners to better understand their ecosystem function and provide vegetative treatment practice recommendations for both the short and long-term for forest health and fire prevention. As such, the forest and woodland health projects are explicitly designed to directly improve both ecosystem health and the provisioning of other essential ecosystem services, fuel reduction projects, and when practicable, will also be designed to directly improve ecosystem conditions (e.g., removal of exotic invasive plant species, management that mimics natural or historical anthropologic disturbance regime, creation of additional edge habitat, etc.). These fuel reduction projects will also provide indirect ecosystem benefits and potential Greenhouse Gas (GHG) emission reductions by reducing the intensity, rate of spread, ember production, and extent of catastrophic wildfire on adjacent habitats and ecosystems.</p>
21-FP-ORC-0260	CSU Fullerton Auxiliary Services Agreement	Engineering Wildfire Mitigation and Control with Smarter Technology an	Orange*	\$535,746.00	Wildfires cause massive losses to the environment, human life, and infrastructure. They alter weather patterns and release copious amounts of greenhouse gases, contributing to

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>global warming and drought conditions that trigger new fires- a never-ending domino effect. Given the geographical, topographical, climate, the vegetative composition of the region, and the recent droughts, California is highly susceptible to wildfires that occur numerous times each year. For example, the Dixie fire that started in July 2021 quickly grew into the largest wildfires in the state's history and has already burnt 959,253 acres. The projected climate change patterns are likely to provoke worse events across California. CalFire reports that the fire season is lengthening each year with some areas like the Sierras recording an increase in fire season by 75 days [1]. In 2021, more than 6913 fires across California had burnt 1.7 million acres, with more losses anticipated by the end of fire season. Therefore, there is an urgent need to find better, innovative solutions to assist California's existing wildfire control capabilities.</p> <p>The goal of this proposal is to build a safer, more resilient community with a smart system to help the state with wildfire preparedness, mitigation, and prompt responses while improving public awareness. The project objectives are to equip the state with the following tools (Fig. 1):</p> <ul style="list-style-type: none"> • Objective #1: Technical competence

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>in the form of wireless, low-power, unmanned sensing nodes optimally positioned in remote areas for around-the-clock fire surveillance, capable of immediately alerting the authorities when a fire event is detected.</p> <ul style="list-style-type: none"> • Objective #2: Enhanced public safety capability via a mobile application for the authorities to coordinate information dispatch, evacuation protocols and periodic reminders about fire safety practices. • Objective #3: Outreach activities with community partners to be organized for educating the public about fire risk, an appropriate response to fire incidents, and volunteer opportunities, with emphasis on involving youth at these outreach events. <p>An illustration of a wildfire detecting sensor node is presented in Fig. 2. The proposed project area has considerable overlap with disadvantaged and low-income communities that are classified as priority population by the California Environmental Protection Agency (CalEPA). These vulnerable communities face a disproportionately higher vulnerability from climate change. The project outcomes will not only reduce wildfire damage and frequency but have a long-term impact on reducing pollution and greenhouse gas emissions in the area. The</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>project's primary location will be at California State University Fullerton (CSUF), but the testing areas will be in parks like Carbon Canyon Regional Park, Chino Hills State Park, etc. for an estimated treatment zone of 14,200 acres. The outreach activities influence is expected to cover more than 607,000 acres. The success of this project will help us in expanding the system to larger wilderness areas and forests across the state.</p>
21-FP-TCU-0092	Utica Water and Power Authority	Hunter Reservoir Fuels Reduction Project	Calaveras	\$1,211,913.00	<p>The Hunter Reservoir Fuels Reduction Project is in Avery, Calaveras County, where it will plug a critical gap in the Highway 4 Wildfire Defense System which runs from Vallecito on the west to Camp Connell on the east. This project will treat approximately 207 acres of land on the rim of the North Fork Stanislaus River Canyon in the proximity of the 2001 Darby Fire, which was followed by the drought-driven tree mortality epidemic in 2012-2016. Today the understory is choked with brush and logs with dense ladder fuels that extend into a closed canopy, the recipe for catastrophic wildfire. While the project will protect some 400 structures in the Avery vicinity, it will also protect critical infrastructure at Hunter Reservoir that distributes domestic water to 19,000 customers from Angels Camp to Camp Connell, a distance of 26 miles with an elevation</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications					
Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					change from 1378' to 4760'. This infrastructure also supplies fire flow to 1,100 fire hydrants along the Highway 4 corridor. The Hunter Reservoir Fuels Reduction Project will extend the Last Chance Fuel Break from the Davies' Ranch to the UTICA Ditch, Hunter Reservoir, and Avery Middle School. It is a critical addition to the Highway 4 Wildfire Defense System and runs across various ownerships including the UTICA Water & Power Authority (UTICA), Calaveras County Water District (CCWD), Avery Middle School, Sierra Pacific Industries (SPI), and 27 private parcels.
21-FP-TUU-0078	Tulare County Resource Conservation District	Ponderosa Protection Project	Tulare	\$633,920.00	The Tulare County Resource Conservation District (RCD) has completed two Fire Prevention grants in the Ponderosa community in the last few years. This work was instrumental in preventing the 2020 Castle Fire and the 2021 Windy Fire from entering the community and damaging any structures. This proposed grant would continue this fuel reduction work. There are approximately 130 dwellings located on 320 acres that would benefit from this proposed project. Approximately 80 acres and 30 individual lots would be treated.
21-FP-CZU-0082	Fire Safe Council of Santa Cruz County	Wildfire Prevention in Santa Cruz County 2022	Santa Cruz*	\$1,302,746.00	This project advances wildfire prevention efforts throughout the WUI in Santa Cruz County, combining hazardous fuel reduction projects with

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>education and planning programs. 12 community-wide hazardous fuel reduction projects will be located close to homes and escape routes in motivated Firewise communities. 37 water infrastructure sites will get defensible space treatments, and a new defensible space assistance program will help 20 disadvantaged households with fuel reduction services. Existing chipping programs will be promoted in underserved areas to serve 300 more homes. Targeted outreach will increase recognized Firewise communities from 23 to 54, and provide education, motivation, and technical assistance to over 5300 homes or approximately 25% of residences in the WUI. Home ignition zone assessments will grow from a volunteer pilot to a staff supported program, and a pilot home hardening rebate program will be developed. Input on priority projects will be coordinated for a CWPP update, and pre-project planning and compliance will be initiated for a large future priority project.</p>
21-FP-AEU-0166	Amador Fire Safe Council	Amador Community Fuel Break Development Project	Amador	\$726,000.00	<p>This project is intended to: 1) Create a 200-acre community fuel break around the town of River Pines. 2) Plan community fuel breaks for at least three additional communities in Amador County. 3) Generate interest in additional communities working</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>together to create and maintain community fuel breaks. 4) Establish more Registered Firewise Communities within the county. The project will begin with constructing a community fuel break adjacent to River Pines, then, in consultation with CAL FIRE and the Amador Fuels Reduction Collaborative, at least three additional community fuel breaks will be planned. We are requesting approximately \$727K for this grant. Using census data, we estimate 2,048 habitable structures will be protected by the River Pines Community Fuel Break and potentially over 22,000 structures once the planned fuel breaks throughout the county are constructed.</p>
21-FP-LNU-0299	Fire Safe Sonoma	West Sonoma County Collaborative: Community Capacity Building Phase 1	Sonoma*	\$1,095,011.00	<p>Safer West County (a 501(c)(3)), in conjunction with Fire Safe Sonoma, is applying for a hazardous fuels reduction grant to reduce fire fuels in western Sonoma County. This project will improve public safety and reduce ignitions along the Bohemian Corridor. The primary objective is to protect lives and property in Western Sonoma County and to support Sonoma County firefighters by creating a significant number of defensible spaces throughout the Bohemian Corridor so that firefighters can safely access and defend property, infrastructure, and the natural</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>environment.</p> <p>Safer West County, in conjunction with Fire Safe Sonoma, is applying for a hazardous fuels reduction grant to:</p> <ul style="list-style-type: none"> • Create defensible space around approximately 350 key structures—including fire departments, water tanks, school facilities, community parks, meeting halls, conference centers, places of worship, and more. • Improve local resilience to wildfire by training and hiring local youth crews. <p>The total number of structures and acres treated will be approximately 345 and 120, respectively.</p> <p>SWC has formed a collaborative of major landowners, representing over 8,793 acres of land along and near the Bohemian Corridor working together to reduce fire risk in the area through this and other initiatives. This group is called the “West Sonoma County Collaborative,” and they will work together to create defensible spaces around hundreds of structures within this heavily forested area.</p> <p>The project will directly reduce wildfire risk for four contiguous “communities at risk” as listed by Cal Fire: Camp Meeker, Graton, Monte Rio, and Occidental. Camp Meeker and Occidental together contain 2,500 habitable structures and approximately 6,000 residents. The participating camps, retreats, preserves and</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>schools host a daily population of 2,250 visitors/students when in full session. The project will serve the Low Income Community of Camp Meeker and the aging population throughout the area on fixed incomes. The project will work within a densely forested coastal area that suffers high tree mortality due to drought and sudden oak death (primarily in the tan oak species), as well as over stocking, due to decades of fire suppression and lack of management. The project will reduce greenhouse gas emissions over time by reducing the chance of wildfire, improving firefighter access to a wildfire, and reducing the size of wildfire. In addition, project contractors will be sourced locally and project slash will be treated by chipping or drop and scatter, instead of burning, thereby limiting project emissions. Seven communities will potentially be protected by the efforts funded by this grant and all have been identified by CAL FIRE as communities at risk:</p> <ul style="list-style-type: none"> ● Bodega ● Bodega Bay ● Camp Meeker ● Forestville ● Graton ● Monte Rio ● Occidental

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
21-FP-MRN-0242	Marin County Fire Department	San Geronimo Valley Fire Road Fuel Reduction	Marin	\$700,112.00	<p>The project is located along approximately 10.6 miles of ridgetop and connecting fire roads on and along the southern slope of the San Geronimo Valley. The project will treat and reduce fuels within the areas on either side of the identified fire roads up to 100' from road edges and covers up to approximately 189 acres. The Project Treatment Area is composed of several vegetation communities including conifer forest, hardwood forest, chaparral, shrubland, and grassland. The greater region has significant fuel accumulation issues throughout all vegetation communities. Additionally, several areas throughout the Project Treatment Area have established populations of invasive French and Scotch broom. There is a history of large fires throughout the area, the last one occurring in 1945. Work within the Project Treatment Area will include the utilization of both mechanical and manual treatments depending on vegetation community type, fuel loading/ condition, slope, and topography. Mechanical mastication will be utilized on appropriate slopes where access is feasible to treat understory vegetation, brush, dead and downed material, hazards trees, and small diameter dead, dying, and diseased trees. Manual treatments will be utilized</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>where equipment access is limited and/or treatment areas include or are adjacent to sensitive resources. The project will focus on improving safe firefighter access along critical fire roads using necessary vegetation management.</p>
21-FP-SKU-0214	Fire Safe Council of Siskiyou County	Lake Shastina CEQA and Fuels Reduction Project	Siskiyou*	\$812,857.00	<p>The Lake Shastina CEQA and Fuels Reduction Project's purpose is to produce the CEQA (California Environmental Quality Act) studies and final documents in the north portion of the proposed project area in order to be prepared for future large landscape-scale fuels mitigation in the Greater Lake Shastina area. Treatment upon completion of the CEQA and requisite NOE requirements will enable us to expedite treatments and maintenance of previous projects and expand the treatment area to improve fire protection for the Lake Shastina development. Studies will cover approximately 115 acres in this area and commence along the following roads up to 200 ft on either side: Jackson Ranch, Dwinnell, Ordway Ranch, and Quarry. It is also planned to fuel reduce approximately 57 acres in this proposed area providing for ingress and egress in the event of wildfire. The south portion of this project has an already completed CEQA and</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>NOE. Funds will be used to update the archeology bringing the existing CEQA into compliance on approximately 198 acres. It is also planned in this area to fuel reduce approximately 128 acres up to 200 feet on either side of the following roads: Ordway Ranch Rd, Big Springs (97 to Ordway), and Solus Pl.</p> <p>In 2017 a state funded WUI project established CEQA and NOE compliance and which resulted in fuels reduction along Ordway and Ordway Ranch Roads for better/safer access to potential fire-fighting areas. In 2019 CAL FIRE crews, through the Governor’s 45 Day Project, fuel reduced some of the critical evacuation routes in and around Lake Shastina for better ingress and egress. This project is adjacent to and/or shares a boundary with two other high priority projects:</p> <ul style="list-style-type: none"> • Governor’s 45 Day Project 2019 • Juniper Flat Comprehensive Fuel Reduction Project 5GG19143 <p>This project will provide the ability to treat additional acres of vitally needed ingress, egress and potential fire-fighting anchor areas, in addition to the maintenance of the previous projects, plus create fuel-breaks/shaded fuel-breaks along strategically selected roads. The project will help protect approximately 2,900 people, 1,300</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>homes and structures including the Lake Shastina Fire Department, administration and community buildings, plus the Dignity Health Clinic, all positioned within the subdivision proper.</p> <p>This project will also substantially reduce greenhouse gases and carbon emissions during the project and over time through wildfire intensity reduction.</p> <p>The project will treat critical areas that are in high-to-very high severity zones, according to CAL FIRE'S FRAP MAP, and are in the SRA. These WUI project areas are identified in CAL FIRE's Siskiyou Unit Plan, the Siskiyou County Fire Safe Council CWPP, the Greater Lake Shastina Fire Safe Council CWPP, and Siskiyou County OES Hazard Mitigation Plan plus approved by the Unit Chief.</p> <p>Hazardous fuel reduction treatments will also target tree mortality and help protect critical infrastructure such as railroads, power lines, fire station, police stations, water pumping stations and communications installations.</p> <p>Treatments will be performed by, hand crew cutting, mastication, and chipping with utilization of roadside biomass to potentially be marketed to the Weed Roseburg Mill co-gen plant as appropriate.</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
21-FP-TCU-0040	Calaveras Foothills Fire Safe Council	Ridge Road Fuel Break	Calaveras*	\$328,420.00	<p>This project is approximately 5 miles long and 300' wide. This would treat approximately 180 acres of ridge top on a North South ridge where contingency line was proposed during the 2015 Butte fire. The fuel break would eliminate ladder fuels in a shaded fuel break format. The fuels are heavy in several drainages along Ridge rd. The fuels consist of brush, grass oak woodland and timber over story. This transition area contributes to the very high fire danger area. This project would directly effect over one hundred homes as well as other communities. Ridge rd. is a main thorough fare for ingress egress for several communities should a major wildfire or other disaster occur. There are some parcels that have been treated privately and would make this project contiguous. This project would also improve the PRC 4291 in some cases and begin to build momentum with other residential properties in the area.</p>
21-FP-AEU-0099	El Dorado County Fire Safe Council	Fuel Reduction for Critical Roads	El Dorado*	\$705,670.00	<p>This Hazardous Fuel Reduction Project will create over 176 acres of shaded fuel break along critical access roads in the wildfire-threatened communities of Coloma and Lotus, in El Dorado County. This popular historic and recreational area, with an estimated 2,000 residents, hosts over 400,000 annual visitors who flock to</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>the river valley. More than 820 habitable structures, numerous accessory structures and numerous campgrounds, RV parks and public facilities -- including two schools -- lie within the approximately 13,000 acre Coloma-Lotus Fire Safe Council (CLFSC) area and depend upon the selected roads for ingress-egress. All CLFSC area roads were ranked by user/mile in our Community Wildfire Protection Plan (2021 CWPP). The eighteen critical access roads proposed in our grant application are those with the highest number of users, selected in order to get the 'biggest bang for the grant buck'. The Project will treat a 100-foot wide corridor along 14.6 linear miles of access/egress roads, to provide an enlarged fuel reduction zone for firefighting operations as well as promote safe evacuation of the residents and visitors. Project implementation is supported by letters from the local Grange for use of their community meeting hall, from the Coloma-Lotus Business Council and from 44 residents committed to serve as volunteer Fire-Safe Road Ambassadors (see SharePoint Exhibit C Volunteer Letters) provided with this application). As the CLFSC has successfully done for prior grant work, local volunteers will help obtain access</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					agreements with private property owners, as needed to implement the requested fuel reduction for 18 critical roads.
21-FP-SCU-0071	Oakland Fire Department	Fuel Reduction Shepherd Canyon	Alameda	\$5,120,826.00	Our project involves a distinct treatment area in the center of the City of Oakland, specifically Shepherd Canyon involving seven acres and directly affects Shepherd Canyon and Montclair neighborhoods, 400 homes, and a commercial district. The goal of this fire prevention project is to: significantly reduce fuel loads that cause wildfires and the greenhouse gas emissions that threaten the region afterward; strategically create fire breaks and improve fire trail accessibility for recreational use and emergency response; creatively rehabilitate soil and the environment for new and existing trees and other native species; enhance coordination with local organizations committed to fire safety and community resilience; and add much needed defensible space between high-risk fire areas and neighboring residential communities, businesses and infrastructure.
21-FP-SCU-0137	City of Morgan Hill	City of Morgan Hill Wildfire Risk Mitigation Plan	Santa Clara*	\$195,110.00	The City of Morgan Hill is located in the southern portion of Santa Clara Valley situated between the Santa Cruz Mountains to the west and the Diablo Mountains to the east. The City has a mix of agricultural, residential, industrial and manufacturing land

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>uses. Morgan Hill’s Wildland urban interface (WUI) areas are defined by city ordinance and land use General Plan, and the community is on the federal and/or California Fire Alliance list of communities at risk from wildfires in Santa Clara County. The Santa Clara County Community Wildfire Protection Plan (CWPP) (Annex 11) identifies strategic goals and mitigation projects for the City of Morgan Hill. The intent of the project aligned with this grant opportunity is to utilize the CWPP as a reference framework to develop a long-range Wildfire Risk Mitigation Plan for the City of Morgan Hill which will address and remedy the noted wildfire hazard assessments in that document. The overriding deliverables for the mitigation plan would be to prioritize projects by critical need, provide applicable design concepts, develop cost estimates for the concepts and outline a timeline for implementation. Some of the specific objectives of consideration during the planning phase include:</p>
21-FP-SCU-0149	CrowdDoing	Analytical Approach For Proactive Catastrophic Wildfire Risk Reduction	Santa Clara*	\$254,500.00	<p>Today, wildfire risks are managed with reactionary risk-transfer models. The property owner (household or business) secures property insurance. In the event of a wildfire, the insurance company pays the property owner. The insurance company, in turn,</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>manages its own part of the risk via Reinsurance. Loss from each wildfire is huge.</p> <p>CrowdDoing proposes adoption of our data analytics based model, a prevention approach to catastrophic wildfire, designed to recommend a large variety of wildfire risk reduction options matched with the needs of the area. In Santa Clara, these might include goat grazing, fire resistant landscaping, Internet of Things (IoT) sensors, mechanical fuel reduction, home hardening, and lightning rods, to name a few interventions that have already been successful.</p> <p>With Santa Clara's large size, the current proactive work is based on proposed submissions and expertise in the area, however it may not optimize the risk reduction for future years or for large scale. Our analytical tool will outline the proactive work best suited for each subregion to optimize the wildfire risk reduction, i.e. provide the biggest bang for the buck. Once our tool ingests environmental, geographical, weather data and local community data it will provide a predictive community-tailored recommendation. For example, in Santa Clara County, successful data gathering and analysis may recommend use of IoT sensors for wildfire detection clustered in a</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>targeted area and goats along the WUI interface for optimized results. In addition to CrowdDoings development of our data analytics based model, CrowdDoing's prevention approach partners with targeted communities to help define and document wildfire risk reduction plans. The model integrates community data to the Community Wildfire Protection Plan (CWPP), Local Hazard Mitigation Plans and long term wildfire risk reduction planning. With a stepwise approach CrowdDoing will demonstrate outcomes at regular intervals over the course of the project.</p> <p>The analytics tool output will outline investments required for proactive measures, wildfire risk reductions and financial returns for the stakeholders over a period of time and for deployment at landscape scale. We anticipate these prescriptions of social innovation combinations will achieve net risk reduction, allow stronger engagement from insurance and reinsurance companies with Santa Clara and their investment in wildfire risk reduction programs.</p> <p>With this tool Santa Clara will be able to optimize wildfire risk reduction investments and redirect activities towards restoration and regeneration. We believe proactive assessment and</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>wildfire prevention/mitigation provides significantly improved risk/reward. Proactive wildfire mitigation options as opposed to reactionary ones can significantly reduce risks and losses. Less expensive and more strategic risk/reward modeling with supporting data can change stakeholder business plans for proactive investment. Preliminary and isolated data points exist to support this claim. We plan to integrate these in a reusable model for stakeholder commitments and demonstrate feasibility in select large scale landscapes (Santa Clara). Scaled globally, the solution can mitigate wildfire in other parts of the world. The analytics/modeling will consider local ecological conditions toward mitigation recommendations. It positively enhances life, including: reduced pollution, improved health, ecological, carbon stock.</p> <p>The CrowdDoing analytics-based tool/modeling provides the glue allowing Santa Clara to</p> <ul style="list-style-type: none"> ● Assess optimal wildfire risk reduction strategy and estimated community benefits; integrate into CWPP process and steps ● Observe the results from various implementation activities ● Compare initial assessment vs. benefits to assess success and effectiveness of various initiatives

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<ul style="list-style-type: none"> ● Apply corrections to future initiatives based on the outcome ● Apply project scaling based on needs (i.e., apply project to all of Santa Clara county vs. smaller high risk segments) <p>Toward our solution and approach:</p> <ul style="list-style-type: none"> ● The presentation deck “Catastrophic Wildfire Risk Reduction -- Presentation deck.pdf” included in the shared folder outlines a summary. ● The document “CrowdDoing Catastrophic Wildfire Risk Reduction Overview.pdf” provides an overview. ● The document “CrowdDoing Catastrophic Wildfire Risk Reduction -- SDG Goal Mapping.pdf” outlines mapping of our objectives to SDG. ● The document “bio.pdf” provides a view to our expertise. ● Coalition with ARISE-US to build a toolkit “Wildfire Risk Reduction - ARISE-CrowdDoing Collaboration MOU - 01-27-22 signed.pdf” ● Letters from various industry leaders and experts endorsing our solution and initiatives.
21-FP-SCU-0302	Santa Clara County FireSafe Council	Enhancement of Reduced Fuel Zones, Evac. Readiness, and Comm. Prep	Santa Clara	\$1,456,579.00	There are about 1.9 million people in Santa Clara County and more than 23 percent reside in the wildland urban interface areas (WUI) of the county. The WUI is where development spreads into forestland and other natural areas. The increasing demand for development in surrounding natural

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>areas are putting more communities, and people and infrastructures at risk from wildfires, a trend that is exponentially growing during a housing crisis and the COVID-19 pandemic. The long-term effects of increased human activity in these areas disrupts natural ecosystems building a backlog of forest restoration needs – a key factor to why California fires have become larger over time. (Historical patterns of wildfire ignition sources in California ecosystems, Syphard, 2018).</p> <p>Over the years as a well-established Fire Safe Council, with an influential networking group of federal, state, local fire agencies, and city and county governments, Santa Clara County FireSafe Council (SCCFSC) has grown to become the leading nonprofit supporting a broad spectrum of wildfire related services through all of the WUI in Santa Clara County. SCCFSC understands wildfire prevention and protection are applied at three levels: one, individual-based, such as homeowner awareness, preparedness, and defensible space vegetation management and fuel removal in the areas of the homeowner’s properties; two, community-based, where fuels and evacuation routes are managed and coordinated within a community or</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>neighborhood, in these dispersed areas, your neighborhood is your closes assistance; and three, landscape level projects, such as escape routes, fuel break and potential temporary refuge areas. Our proposed projects have a three prong approach for Hazardous Fuel Reduction (HFR) treatments, which include education and Home Ignition Zones (HIZs) at the parcel level; community chipping and cost sharing services to create defensible space within neighborhoods and communities and landscape-scale evacuation route and fuel break projects, which need larger collaboration, leadership, and outreach to bring multiple stakeholders together; and Community Outreach and Education (COE) activities to educate and prepare residents to become key agents in protecting their properties, planning evacuations, or working with their neighbors to take action to prevent loses.</p> <p>Like these past record-setting wildfires, our work will cross boundaries and build connectivity among already existing evacuation routes and fuel breaks to increase capacity and reduce the risks of wildfire in our greater regional area. SCCFSC will deliver services locally within Santa Clara County, and collaborate with neighboring counties,</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>San Mateo, Santa Cruz, and Alameda, to achieve community success and safety, and to avoid duplication of programs and costs.</p> <p>With a history of large damaging wildland fires, south Santa Clara County is known to have significant demand for very large home developments on smaller rural parcels such as Holiday Lake Estates and Jackson Oaks. Vintage, remote small cabin homes and neighborhoods like Casa Loma, Uvas Canyon County Park, on narrow, one-lane roads present a safety evacuation problem. Proposed funds will support the implementation of seven HFR and COE projects that will build on defensible space maintenance, ignition-resistant techniques and building materials, and improved access/egress routes to mitigate the hazard and risk critically important to residents and structures. The seven projects, identified in the 2016 Countywide Community Wildfire Protection Plan, are listed below.</p> <p>Hazardous Fuel Reduction projects (HFR):</p> <p>1) East Dunne Avenue Escape Route Project. This grant request will provide the support to complete pre-implementation of CEQA environmental compliance documents and roadside fuel treatment. The</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>planning and environmental compliance would support the implementation of three phases of the project along East Dunne Avenue, at Holiday Drive to the entrance of Henry Coe State Park in Morgan Hill, California, with the objective to protect life and property in the Holiday Lakes Estates, Jackson Oaks, and Anderson Lake County Park, and Finley Ridge communities by reducing the risk of wildfires. A total of 9 miles, we will have CEQA completed for all three phases of the project, and provide roadside fuel treatment for two phases, 1 and 2, of the project. Phase 1 is a mile long covering the areas east of Hill Road at the intersection of East Dunne Avenue and Holiday Drive to Anderson Lake Bridge. We will be treating about 10.5 acres benefiting the following communities and habitable structures: Hilltop Market, Holiday Lake Estates, and Jackson Oaks Homeowners Association. Phase 2 is about 4 miles long from the bridge to Finley Ridge Road. We will be treating approximately 40 acres in the area that contains a large portion of open space, which includes rangeland and cattle operations, the Anderson Lake County Park, Packwood Creek, Finley Ridge community, and other large land holdings. Phase 3 is another 4 miles</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>long at the intersection of Finley Ridge Road to the end of East Dunne Avenue at the entrance of Henry Coe State Park. There are also key infrastructures which run along the ridge lines, such as power transmission lines and cell towers, as well as a number of small farms, equestrian facilities, and private ranches that are prioritized for protection.</p> <p>2) Loma Chiquita Road Escape Route/Fuel Break Project. This grant request will provide the support to complete pre-implementation of CEQA environmental compliance documents and roadside fuel treatment. The planning and environmental compliance would support the implementation of 29 acres of fuel break treatment along a total length of 3 miles. We will begin at the intersection of Loma Prieta Road and Loma Chiquita Road heading south towards Twin Creeks Road. Located in the Santa Cruz Mountains between Aptos and the southern end of San Jose near Morgan Hill, Loma Chiquita Road traverses a large watershed, Llagas Creek, and makes an effective fuel break in an area with a history of large, fast-moving wildfires. Due to the steep grades and tight turns, emergency response to the remote community historically has been very</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>slow. Several recent home fires have resulted in structures being fully engulfed before firefighters arrive, with flames reaching adjacent vegetation and starting wildland fires. The reality is that many of the homes will not be defended during a wildfire, and residents will need to rapidly evacuate to prevent fatalities. Auto egress needs to pass first responders on ingress. This roadside fuel break is part of CAL FIRE’s pre-fire plan, and part of a network of ridgeline fuel breaks in the surrounding watershed, Llagas Creek. By reducing vegetation in the corridor, we will help prepare the road to be used for firefighting operations so that wildfires are more likely to be contained.</p> <p>3) Mount Chual Spur Road Escape Route/Fuel Break Project. This grant request will provide the support to complete pre-implementation of CEQA environmental compliance documents and roadside fuel treatment. The planning and environmental compliance would support the implementation of 41 acres of fuel break treatment along a total length of 4.5 miles. Serving as a single egress and ingress for residents along these two roads, this project has become a priority due to a history of fires and recent landslide activities. This area is also home to a watershed, Llagas</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>Creek, that is used to recharge supplies in underground aquifers to provide water to be pumped from wells for residential, agricultural, and industrial uses. There are also key infrastructures in this area, such as power transmission lines and cell towers. We will provide roadside clean-up of flashy fuels, fuel reduction treatments up to 30' for hardening along Mount Chual Spur and a section of Loma Chiquita Road. This project connects to the project outlined in item 2. Jointly providing vegetation management along two parallel ridgelines in this area of high fire history.</p> <p>4) Mount Madonna/Summit Road Escape Route/Fuel Break Project. Funding will support the ongoing vegetation management efforts of the project. Located in Morgan Hill on the Santa Clara County boundary line, the project is sectioned into five phases along the following roads: Summit, Mount Madonna, and Pole Line. Phasing the project was necessary due to limited capacity and resources, and the density of the fuel treatments. We have completed phase one and phase two, and are requesting funding to support phase three. Phase three is a stretch of about 6 miles long that begins at Summit Road and Ormsby Cutoff, north of Pole Line Road. CEQA</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>compliance has been completed, and we will be treating about 50 acres. Summit Road serves as a major access and evacuation route in the unincorporated area directly west of Morgan Hill, along the west end of the 152 Highway corridor and Mount Madonna and Uvas Canyon County Park. The immediate goal is to clear hazardous vegetation up to 50 feet from the road-edge removing roadside fuel that could fall and block the roadway or would make the roadway extremely hot and unsafe to travel on for safe egress in the event of a fire, and reduce roadside fire escaping into the wildland. There are several key communities, tourist sites, and infrastructures that run along the road, such as the Mount Madonna Fire Station, Ormsby Fire Station, Mount Madonna Retreat Center, Mount Madonna School, Vietnamese Sangha Congregation, Sankat Mochan Hanuman Temple, wineries, and a golf course that are prioritized for protection.</p> <p>5) Cost Sharing Program and Special Needs Assistance Program (SNAP). By lowering project costs and providing knowledgeable consultants to conduct wildfire risk evaluations and create checklists for action, we will encourage neighborhood collaboration as well as individual action. Our Cost</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>Share program provides matching funds to neighborhood groups for vegetation management for wildfire evacuation projects, such as evacuation signage. Firewise USA recognized communities receiving priority consideration. By reducing entry level costs for larger projects, we encourage neighborhoods to work together and contribute both time and funds to their own safety. The use of matching makes efficient use of grant funding and builds on individual defensible space clearing to support community level accomplishment, the second prog on four three level approach to mitigating wildfire risk. Our SNAP program will provide defensible space clearing and fuel reduction to low-income and people living with disabilities. We will also educate contractors to provide landscape, tree, and home improvement services on best practices for defensible space and structural ignition resistance, so that residents can be confident that they are able to pick from a pool of qualified contractors.</p> <p>6) Chipping Program. This grant will also support the parcel level treatment of defensible space by offering free chipping for residents who clear their defensible space but have no way to process the debris. Community</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>chipping is designed to assist residents and communities in their efforts to create and maintain adequate and defensible space by processing or disposing vegetative materials, and provides many residents the opportunity for high level of cost-sharing or matching effort as they clear their own defensible space. Community Outreach Education projects (COE):</p> <p>7) Community Outreach Education (COE) Program. This grant will also provide COE presentations to increase public awareness of appropriate defensible space practices, wildfire risk management, evacuation preparedness, structure survival probability, and reduction of ember impact and penetration. Our COE programs create awareness and inform residents to take appropriate action. Education in the importance of defensible space vegetation clearing, Home Ignition Zones (HIZ) and home hardening improvements all improve structural resiliency and connect individual parcel management to community projects. Presentations and HIZ assessments conducted by our NFPA trained staff will help homeowners make significant changes to their structure and adjacent areas that may reduce the risk of home ignition and significantly impact</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					community-based fuel management treatments providing cost-effective outcomes and measures.
21-FP-SCU-0182	Next Vista for Learning	Educational Videos for the Science and Prevention of Wildfires	Santa Clara	\$191,400.00	Next Vista for Learning will use its successful experience in getting teachers and students to apply digital video technologies to learn about the Science and Prevention of Wildfires. To that end, we will help teachers and students create short videos about a wide range of topics in wildfire prevention that will be organized and made freely available to any classroom in the state in Next Vista's ad-free and registration-free online library. These videos will be the basis for extended educational activities using video conferencing tools, as well as lesson plans for teachers in a variety of school settings.
21-FP-SCU-0210	City of Palo Alto	Eucalyptus Tree Removal	Santa Clara	\$350,000.00	The project will involve removing approximately 110 eucalyptus trees from the City of Palo Alto's Open Space Preserves. The trees are located in Foothills Nature Preserve, Pearson Arastradero Preserve, and Esther Clark Park. The trees are clustered in approximately 4 acres of the preserves. There are residential homes in the neighborhoods that surround the 22 acre Esther Clark Park on all sides. There are some residential homes in the neighborhoods adjacent to the 644 acre Pearson Arastradero Preserve

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>and the 1,600 acre Foothills Nature Preserve.</p> <p>The project will be phased over three years. Native trees will be planted in the preserves as part of the project. The removal of the invasive trees will help improve the wildland fire safety. It will also improve the habitat by allowing the native trees and vegetation to thrive in the absence of the eucalyptus trees. The project is supported by Grassroots Ecology, and a non-profit environmental organization that works with community volunteers to create healthy ecosystems. Grassroots Ecology serves as environmental stewards in Palo Alto's Foothills Nature Preserve and Pearson Arastradero Preserve.</p>
21-FP-BTU-0223	Yankee Hill Fire Safe Council	Crain Ridge Fuel Break - Maintenance and Enhancements	Butte*	\$727,701.00	<p>The Crain Ridge Fuel Break – Maintenance and Enhancements will reduce (150) acres of hazardous fuels, within a planning area of the Concow/Yankee Hill community, a low-income community of Butte County. The habitable structures and population were dramatically reduced from the 2018 Camp Fire and the 2020 North Complex-Bear Fire. Much of the community is displaced while they work to rebuild. We estimate 540 structures with a population of 1,080. Coordinating with multiple partnerships, we've identified a project</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>area with a series of treatment units along strategic ridgelines that tie into federal partner's, PG&E, Thermalito Water & Sewer District and Butte County Public Works Department's projects that are listed within the Butte County Community Wildfire Protection Plan (CWPP). Tying fuel break sections together strengthens the effectiveness of the fuel reduction work for the community, it enhances the protection for structures minimizing loss, it provides a safer zone for fire responders, and it lessens the impact on other assets related to the watershed, wildlife, and timber resources. The project will support the reduction of greenhouse gas emissions (GHG) by the treatment methods used and the removal of a significant amount of dead tree debris decaying in this area of the community. Building a healthier forest area and encouraging a variety of age tree growth will enhance carbon sequestration. Working with a Registered Professional Forester (RPF), other environmental and archeological consultants will work with us to complete CEQA requirements.</p>
21-FP-SCU-0285	City of Lafayette	Lafayette Fire Prevention Project	Contra Costa	\$155,000.00	<p>The Lafayette Fire Prevention Project will allow the City of Lafayette to conduct much needed hazardous wildfire fuel reduction throughout their</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>jurisdiction and neighboring communities, providing wildfire fuel reduction benefits to over 60,000 acres. The project areas include several known areas of heavy wildfire fuel throughout the region, as well as other sites located directly in a Very High Fire Hazard Severity Zones, as defined by CalFire.</p> <p>The proposed project is requesting funding for a wood chipper and wood chipper truck to conduct hazardous fuel reduction throughout the region, through the abatement of brush, dead or dying trees and other potential wildfire fuels. The City will work with the community and CONFIRE contractors to provide ongoing monitoring to ensure that project sites remain clear of any hazardous materials and wildfire fuels.</p> <p>The project will help prevent annual wildfires that can spread rapidly due to dry or neglected conditions, thus protecting tens of thousands of habitable structures throughout the region, including residential and commercial areas, as well as critical communication and transportation infrastructure.</p>
21-FP-SKU-0016	Northern California Resource Center	Seiad Creek Ingress/Egress Hazardous Fuels Reduction	Siskiyou*	\$180,337.00	This project is a collaborative effort between the Seiad Valley Fire Dept., CAL FIRE, Northern California Resource Center, Seiad Valley Fire Safe Council, The Wildfire Institute,

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>and the Klamath National Forest. The community of Seiad Creek Road, and surrounding areas are a high risk WUI area bordered by valued timberland and the public lands managed by the Klamath National Forest. The community is a high density residential area with Seiad Creek Road being the only access road to the community. The main Seiad Cr. Road in and out of this high risk area is flanked by heavy accumulations of woody fuels. Many of the residences in the community similarly have dangerous fuel accumulations adjacent to homes and outbuildings. In the event of a wildland incident, this road would likely be closed to ingress and egress of emergency vehicles and firefighters and for evacuation of residents. Firefighters are also likely to be unable to defend many homes located among the dense fuel load. This project area is rated as High and Very High by CAL FIRE risk assessments. The dense vegetative types in the project area are dominated by mixed conifer forest with dense ladder fuels, manzanita and ceanothus brush. The biggest challenges are the heavy fuel loading, fire history showing fire paths aimed at the community and a lack of substantial fuels modification in the past. This project would treat 70 acres along the main Seiad Creek Road and</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications					
Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					associated driveways. Treatments would be up to 100ft on both sides of the road and driveways.
21-FP-SCU-0334	San José Fire Department, City of San José	San Jose Fire Department Green Climber	Santa Clara	\$184,007.00	The Green Climber masticator would be used to help provide and maintain fuel reduction in the WUI of San Jose and our adjoining agencies. While this equipment would be housed and maintained by the San Jose Fire Department, it would also be available for use on other fuel reduction projects in cooperation with the CAL Fire SCU.
21-FP-SCU-0353	City of Richmond	Richmond Wildfire Hazard Reduction Project	Contra Costa*	\$181,447.00	The area that we are focused on is on the eastern side of Richmond. It contains High Severity Zones and areas that are in serious need of wildfire mitigation. The Fire Department wants to purchase a product called a "Green Climber", which is similar to a tractor in size and appearance. It operates by remote control going through brush and debris as it cuts and mulches.
21-FP-LNU-0109	Coast Ridge Forest Council	Evacuation Route and Hazardous Fuels Reduction Project	Sonoma	\$946,950.00	This fuel reduction project, vital to safe evacuation in four communities, is located in rural mountainous western Sonoma County, sandwiched between the 55,209 acre Walbridge Fire and the 2,360 acre Meyers Fire (both 2020 LNU Lightning Complex fires). The project is a joint undertaking between the Coast Ridge Forest Council and the Muniz Ranches in Jenner. This fuel reduction proposal is Phase II of a landscape-level planning effort on the

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>northern Sonoma coast. The project area is on SRA lands designated as High and Very High Fuel Hazard Severity Zones and also a Community at Risk established by the State Forester. Approximately 35 percent of the project influence zone (PIZ) is in a census-designated DAC area. The project will protect 345 habitable structures and benefit 775 people who live with the legacy of the 1978 Creighton Ridge fire (the last large wildfire in this area) that burned 12,000 acres and destroyed every structure in its path. This area was also substantially damaged by wildfire in 1953 (Charles Fire), 54 (Charles Fire), 65 (Magic Mt Fire) and more currently by Sudden Oak Death. Following these series of fires, tanoak came back as the dominant tree vegetation type and is now being killed in significant numbers. Community groups have contributed thousands of volunteer hours clearing hazardous vegetation in the right-of-way of the designated roads for this project and those included in future planning efforts. The project proposes fuel treatment on 165 acres in coastal conifer and hardwood forests along 7.1 miles of road. It builds on Phase I already in progress to construct shaded fuel breaks along 9.3 miles of Fort Ross Road to provide safe</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications					
Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					ingress and egress of residents and fire personnel. A \$423,000 grant from the County of Sonoma Vegetation Management Grant Program funded the work on this important county corridor. Fort Ross Rd. is the primary access leading to the roads included in this project. The fuel reduction work proposed for the Muniz Ranches is Phase IV of their shaded fuel break projects funded by CAL FIRE through SRA and CCI grants.
21-FP-SHU-0052	The Watershed Research and Training Center	Trinity Community Resilience Project, Phase II	Trinity*	\$2,150,341.00	The Trinity Community Resilience Project, Phase II, builds on and expands previous work funded by CAL FIRE (Phase I, 2018), and leverages additional funding from other state and federal sources to increase the geographic scope, pace and scale, and overall impact of The Watershed Research and Training Center's (Watershed Center's) hazardous fuel reduction treatments and prescribed burning efforts across Trinity County. The project will implement complex hazardous fuels reduction projects in nine Trinity County communities that are both Communities at Risk and within Low-income Community census tracts and priority populations (CAL FIRE, CA Air Resources Board CCI Priority Populations 3.0). Approximately 450 acres of hazardous fuels reduction treatments and 500 acres of prescribed broadcast burning

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>will be implemented in strategic and critical locations to protect critical infrastructure and habitable structures, improve ingress/ egress routes for residents and emergency responders, establish and maintain fuel breaks for fire suppression efforts, improve forest health, and improve community wildfire protection by reducing the risk of catastrophic wildfire events. Treatments will include; manual thinning and chipping, piling, pile burning, broadcast burning and mastication. Project activities will occur on private properties in the SRA, WUI and Tier 2 High or Very High Hazard Zones. A majority of the project is identified as being high priority for fuels reduction treatments in the 2020 Trinity County Community Wildfire Protection Plan (CWPP) and the CAL FIRE Shasta-Trinity Unit 2021 Fire Plan. Treatments completed through this project will help to directly protect an estimated 488 habitable structures, and indirectly protect an estimated 3,000 structures, as well as critical community infrastructure.</p>
21-FP-BDU-0158	Mountain Rim Fire Safe Council	Critical Infrastructure Fuel Reduction	San Bernardino*	\$221,898.00	<p>This project is for fuel abatement services for parcels on which critical infrastructure for the mountain communities exists. This will include both federal and non-federal lands within San Bernardino mountain communities of Crestline, Running</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>Springs, and Green Valley Lake; specifically, Crestline Sanitation District, Running Springs Water District and Green Valley Lake Mutual Water Company. This project focuses on assisting community services districts (CSDs) in insuring the property their critical infrastructure is located on is in full compliance with fire hazard abatement guidelines to better protect these valuable facilities from wildfire. The estimated area to receive direct treatment is 136 acres; including 60 parcels with infrastructure serving 8,973 habitable structures and populations totaling 16,732. The value of this critical infrastructure is estimated at more than \$35,000,000.00.</p>
21-FP-SHU-0070	Trinity Public Utilities District	Wildfire Risk Reduction, Reliability and Asset Protection Project	Trinity*	\$1,815,000.00	<p>The proposed Wildfire Risk Reduction, Reliability, and Asset Protection (WRAP) Project involves utility rights-of-way (ROW) expansion and vegetation removal to reduce the risk of a utility-sparked wildfire, increase the reliability of power delivery to Trinity County, and protect utility assets and habitable infrastructure from wildfires. The proposed WRAP Project Area is located along Trinity Public Utilities District (Trinity PUD) and Western Area Power Administration (WAPA) transmission and distribution line ROWs between the communities of Trinity Center to</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>the north, Lewiston to the east, Hayfork to the south, and Hyampom to the west (see Figure 1). The WRAP Project is in compliance with all existing and required vegetation laws, ordinances, regulations, and standards (LORS). The WRAP Project is a ground-breaking pilot project that goes far beyond any vegetation management compliance requirements identified under LORS. The California Department of Forestry and Fire Protection (CAL FIRE) Fire Prevention Grant will fund the vegetation removal portion of this ground-breaking project. Grant funding is requested for only a portion of the WRAP Project located along Trinity PUD’s transmission and distribution line ROWs on non-federal land in Trinity County. WAPA’s portion of the WRAP Project is not included in this grant funding request. However, WAPA completely supports Trinity PUD’s request to obtain grant funding from CAL FIRE to remove the vegetation from Trinity PUD’s ROW. WAPA will work in concert with the CAL FIRE Fire Prevention Grant Program and Trinity PUD to make sure the Trinity PUD ROWs are completely clear of vegetation by March 2026, which is the contract end date for the CAL FIRE Fire Prevention Grant Program.</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>As requested by Mr. Ben Rowe from CAL FIRE at a December 6, 2021 meeting between CAL FIRE, Trinity PUD, and Aspen Environmental Group (Aspen), the grant request for the WRAP Project has been split into two tiers based on the number of acres treated and the corresponding cost—as seen in Figures 2 (Tier 1 Areas) and 3 (Tier 2 Areas). The two tier estimates will give CAL FIRE a couple options depending on the funding available for fire prevention in Trinity County under the CAL Fire Prevention Grant Program.</p> <p>Tier 1 Areas (726 acres along 52 miles of ROW) meet all the high priority fire prevention areas suggested by CAL FIRE including the following:</p> <ul style="list-style-type: none"> ¾ Non-federal land ¾ Within 1-mile of communities and infrastructure ¾ Within or connecting with the Trinity County Resource Conservation District (RCD) Priority Areas ¾ Along major roadways (e.g., CA-3, CA-36, CA-299) between communities ¾ Areas that have not burned in the past five years
21-FP-SHU-0110	Western Shasta Resource Conservation District	Shingletown HWY 44 Fuels Reduction Project Phase II	Shasta*	\$2,892,664.00	The Western Shasta Resource Conservation District (WSRCD) seeks funding to maintain and restore a critical fuel break that serves to protect multiple vulnerable communities as well as the HWY 44 corridor as a

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>critical transportation and evacuation route. The HWY 44 Fuel Break was originally created in 2019 as an emergency fuels reduction project mandated by the Governor under Executive Order N-05-19. This fuel break was identified as the number one priority fuels reduction project in the state for 2019.</p> <p>The recent fire history of the project area demonstrates the area is prone to frequent, fast-moving fires with great potential for rapid growth and property damage. Recent fires in the area include the 2021 Dixie Fire (PG&E equipment failure) which burned 963,309 acres and destroyed two communities including over 1,300 structures, the 2021 Cow Fire in Millville (this fire started along HWY 44 from an automobile) which burned 761 acres, and the 2012 Ponderosa Fire (lightning) in Manton which burned 26,676 acres and destroyed 134 structures.</p> <p>The original HWY 44 fuel break (Phase I) treated 1,124 acres of dense mixed conifers and chaparral located on mountainous topography. The project area is composed of private, state, and federal parcels governed by jurisdictions such as Caltrans, CAL FIRE, and PG&E. Three at risk communities (Shingletown, Viola, and Inwood) are included in the fuel</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>break's footprint, with project benefits expanding to an estimated population of 8,833 people.</p> <p>To maintain an effective HWY 44 fuel break, there is a critical need for a second phase of work to retreat vegetation and ladder fuels within the fuel break. Increasing the acreage of primary treatment would also increase the fuel break's effectiveness in this high fire risk area.</p> <p>To address these needs, the WSRCD proposes a multi-year plan (Shingletown HWY 44 Fuels Reduction Project Phase II; henceforth, the Project) to retreat the original fuel break and include additional areas for primary treatments. This project will serve to extend the life of this critical fuel break well beyond the primary treatment and further the significant financial investment that has already been made to complete the initial treatment. Moreover, this work can be completed for a fraction of the cost of the initial treatment. Retreatment will be accomplished via fuels reduction work from hand crews and/or mechanical treatment, followed by multiple herbicide treatments. The WSRCD will work with CalFire to identify priority areas to expand the fuel break and complete additional treatments in order to strengthen the community</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications					
Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					protection provided through fuels reduction and connect areas that had been previously treated.
21-FP-TCU-0041	Calaveras Foothills Fire Safe Council	Rancho Calaveras Fuels Reduction Program	Calaveras	\$213,180.00	The current proposal will build upon the current goal of clearing the brush which lies in and adjacent to current residence outside the 100' defensible space, a reduced fuel zone will allow for better protection of homes as well as an area which would allow for a better chance of stopping damaging wildfires due to the reduced fuel loading.
21-FP-SHU-0131	Lassen Fire Safe Council, Inc.	Whitmore WUI Fuel Treatments	Shasta*	\$5,893,316.00	Our Whitmore WUI Fuel Treatments Project complements and expands on our Whitmore Forest and Watershed Restoration Project. It includes community treatments of overstocked trees and is being implemented as a mentoring effort for the revived Shasta County Fire Safe Council, and is in partnership with the Whitmore Fire Safe Council. The project combines treatments of up to 1,000 acres within the Whitmore community with treatment of up to 3,339 acres of the surrounding landscape. It will result in the protection of at least 889 habitable structures. The project will complete ongoing efforts to protect the people, community, and structures of Whitmore from wildfire. In addition to the above, our project also complements the nearby FEMA/CCI McConnell Foundation grant by

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>treating areas that are not their prime focus: developed areas adjacent to roadway corridors. If fully funded, we will be strategically treating up to 4,339 acres of forest stands on a landscape scale in and around the community, and will dedicate \$800,000 toward community treatment. All the treatments will occur within the SRA and the vast majority of the project lies within a Very High Hazard Fire Severity Zone. The project covers a priority area in the Shasta County CWPP.</p>
21-FP-SHU-0200	Light Bridge	Light Bridge Fuel Break	Shasta*	\$1,248,440.00	<p>The Light Bridge Fuel Break proposed work will reduce hazardous vegetative fuels around homes and strategic areas within the "Wildland-Urban Interface" (WUI). Our goal is to reduce our fire hazard by 75% and go from a VERY HIGH FIRE HAZARD ZONE to a MODERATE FIRE ZONE. Our strategy will reduce potential wildfire spread, ember showers causing ignitions within communities at very high risk from wildfire damage, and open spaces within the 2490 private acres owned by Seven Hill, LLC. This area is an evacuation point for the community, a key evacuation route for residents, and also provides four high capacity 1500 gallon a minute fire hydrants for water tank filling. It also includes historic structures and irreplaceable Native American</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>artifacts. One aspect of Light Bridge fuel break’s mission is to protect and preserve communities with historic value from fire destruction. The proposed work will focus on the most densely forested areas to reduce the hazardous vegetative fuels around homes and to create landscape-scale treatments that will minimize fire spread to surrounding and adjacent communities. Reducing these vegetative fuels through an array of methods including pluck and burn, chipping, mastication, and hand treatment will reduce the risk of ignitions and spreading to surrounding areas. Future fires occurring in treated areas will encounter less fuel to burn and are less likely to spread resulting in reduced greenhouse gas emissions. Vegetative cover includes large areas of continuous, heavy fuels on the forest floor, and timber stands with tightly spaced trees and crowns. Widespread fire ladder conditions, resulting from dense reproduction and heavy brush under trees, create the ideal setting for the movement of ground fires to the crown. Additionally, lightning strikes occur frequently and are an added risk to our communities. Finally, the juxtaposition of buildings, ornamental vegetation, and other flammables in residential areas also adds to the fuel available to a wildfire.</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					It is our desire to reduce our area from a high fire zone to a low fire zone through the physical reduction of fuels and wildfire prevention education.
21-FP-SHU-0221	Shasta County Fire Safe Council, Inc.	Mule Ridge Fuel Break	Shasta*	\$246,271.20	A fuel break is to be constructed on Mule Ridge from Muletown Road South to Placer Road. This will be a 300-foot fuel break on private land and 200 ft.-wide fuel break on land managed by the Bureau of Land Management (BLM). Post-treatment herbicide will be applied on the private land portion. This treatment will be implemented in conjunction with existing plans from the BLM and Whiskeytown National Recreation Area (WNRA) in order to construct a contiguous fuel break along the corridor extending from Mule Town Road NW to South Fork Mountain and encompassing BLM land in the Swasey Recreation Area, including Mule Mountain. Also, in concert with existing burn plans by WNRA, an area of prescribed burning, funded by WNRA, will be accomplished west of the fuel break along the National Park Service (NPS) boundary with the assistance of CAL FIRE to be coordinated with the NPS. Methods used will be a combination of mastication, hand clearing, and pile burning, as well as post-clearing herbicide treatments at one year and four years. Funding for outreach to

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>landowners will be included in the grant application. We are asking for funding for the implementation on both the private and BLM-managed lands. National Environmental Policy Act (NEPA) reports have been completed on all but 10 acres of the BLM portion; they will be completing NEPA on the balance well within one year of the grant award. Shasta County Fire Safe Council (SCFSC) will be acquiring the California Environmental Quality Act (CEQA) clearance, with Western Shasta Resource Conservation District (WSRCD) acting as Lead Agency, with funds from this application. This grant application is the first application for treatment funding for the SCFSC since it was reconstituted two years ago.</p>
21-FP-LAC-0347	City of Glendale Fire Department	Fire Reduction/Brush Abatement Program	Los Angeles*	\$169,150.00	<p>The fire reduction/brush abatement project proposes to reduce hazardous fuels within the Very High Fire Severity Zone of the City of Glendale. Through the use of mechanical and natural means, the hazardous brush will be removed near fire threatened communities and will focus on increasing the protection of people, structures and communities. The project proposed a three tiered approach to reduce the threat of wildfires and thus improve public safety. The first tier will include the use of professional, contracted crews</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>with hand tools to physically removed hazardous vegetation and mulch the vegetation to use as ground cover. The second tier will be to purchase a chipper that can be used over many years to assist the community with removal of hazardous vegetation from around their homes and chip the vegetation into mulch that can be used at their communities. And the third tier will be to use goats to naturally remove vegetation in areas that are too difficult for the crews to reach. The main location consists of approximately 120 acres of brush area be between the habited homes and the WUI at the base of the Verdugo Mountains. This area is of importance because of the close proximity of the homes in this community to this hazardous fuels area, it will also remove the hazardous vegetation that if ignited could threaten the City's Brand Library, historic structures, and radio and communication towers at the top of the Verdugo Mountains.</p>
21-FP-SCU-0150	University of California - Berkeley Lab Emergency Services Division	University of California - Berkeley Lab Wildland Fire Hazard Reduction	Alameda*	\$2,932,240.00	The Lawrence Berkeley National Laboratory (LBNL) is operated by the University of California, serving as a 203-acre research campus home to 14 Nobel Prize winners and widely considered one of the top research institutions in the world. LBNL has over 100 buildings, including those of international scientific recognition, with

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>an overall estimated property value in excess of \$3.2 billion and approximately 4,500 daily campus users.</p> <p>LBNL serves in many respects as a fire break between the East Bay Regional Parks in the Berkeley and Oakland hills and the University of California Berkeley (UCB), which is likewise considered one of the top public universities in the world. Both of these institutions provide immeasurable economic stimulus and notoriety to the State of California. Moore importantly, this fire break also benefits our substantial neighboring communities and public spaces, all of which are continuously at risk from the East Bay Hills Wildland Urban Interface (WUI) zone in a Diablo Wind-driven event.</p> <p>The University of California, Lawrence Berkeley National Laboratory is excited to propose an expansion upon the efforts of the 2018 grant awarded to UCB, CALFIRE Grant 5GG17202, by presenting this plan for continued and enhanced reduction of the wildfire hazard in the San Francisco East Bay Hills. This LBNL grant proposal is focused on the reduction of wildfire risk placed directly upon the site, its neighbors, the adjacent East Bay Regional Parks (EBRP), and the surrounding Cities of Berkeley and</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>Oakland. The proposed work will further promote and build upon the continuous wildland fire hazard reduction projects successfully executed by LBNL year-over-year since the mid-1990s. As seen in this proposal, LBNL has a proven success record of annual contract execution for the reduction of fuels, including partnering in 2021 with PG&E to remove dozens of eucalyptus trees threatening the reliability of the 150 kV electrical service line that is the sole source of PG&E-supplied power to both LBNL and UCB.</p> <p>The project will target areas forested with eucalyptus trees and high fuel density, including the immediately neighboring residential areas identified as Low-Income communities by AB 1550, public access trails, neighboring UC Berkeley area buildings, and community evacuation routes. Roadside treatments will further remove hazardous trees along the evacuation and emergency access routes for LBNL, adjacent residences, the Lawrence Hall of Science, and the UC Botanical Garden. The resulting impact is expected to reduce the wildland fire threat to over 500 acres of aggregate footprint in and around LBNL.</p> <p>As demonstrated herein, LBNL has annually committed considerable</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>resources and planning toward wildland fire mitigation and has a proven track record of success. A recent small-scale grass fire on the LBNL campus in July of 2020, which occurred underneath a grove of highly flammable Eucalyptus trees, was successfully limited in its size and impact as a direct result of LBNL’s commitment to the reduction of wildland fire risk. The lesson from this grassfire was two-fold, LBNL is and will remain an at-risk area for wildland fire and LBNL is able to successfully plan and execute wildland fire mitigation strategies.</p> <p>The content and associated graphics, photographs, and charts in this grant application provide a holistic view of the deep commitment LBNL has to wildland fire risk reduction, alongside with strong evidence of the ability and capacity to execute large-scale tree removal projects in a year-over-year operation.</p>
21-FP-SKU-0015	Northern California Resource Center	Disabled and Elderly Defensible Space	Siskiyou*	\$281,568.00	<p>This project is located within the Scott River Watershed in Siskiyou County. The project is a collaborative effort between the Scott River Fire Safe Council, Scott Valley Fire Protection District, CAL FIRE, Scott Valley Coalition of Fire Safe Councils, Scott River Watershed Council, The National Wildfire Institute, the Klamath National Forest and Northern</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>California Resource Center (NCRC). This proposal is in direct response to the legislation describing fuel treatments that will result in compliance with Public Resources Code (PRC) 4291 (a) and (b) and with regulation 14 CCR 1299, Defensible Space.</p> <p>Within the Scott River Watershed there are many disabled and elderly homeowners who live within wildland urban interface (WUI) areas that are considered very high fire risk. These elderly and disabled homeowners cannot perform the work or cannot afford to hire out the work to meet the treatments of the Defensible Space legislation.</p> <p>This particular area of concern is approximately 190,000 contiguous acres encompassed by six fire safe councils within the Scott River Watershed. These fire safe councils include:</p> <ul style="list-style-type: none"> Scott Bar Fire Safe Council Lower Scott River Fire Safe Council Rattlesnake Creek Fire Safe Council Quartz Valley Area Fire Safe Council French Creek Fire Safe Council Scott Valley Fire Safe Council <p>This project will provide the funding to assist 45 disabled and/or elderly homeowners (approximately 350 total acres), to create 100 feet of fire defensible space around their</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>structures according to the directives and recommendations of the legislation, and will also treat the residence ingress/egress driveways/roads.</p> <p>A critical element of all fire prevention activities is education. The coordination with the project collaborators, will include the use of this project as a demonstration to other home owners within this 190,000 acre area. This high fire risk area contains many wildland urban interface homeowners that would benefit from 100 feet of defensible space treatments.</p>
21-FP-TGU-0280	Glenn County Resource Conservation District	Highway 162 and County Road 306 Fuel Break Maintenance	Glenn	\$575,808.00	<p>The Highway 162 and County Road 306 Fuel Break Maintenance Project (project) will continue work on an already-established pair of fuel breaks along main thorough-fairs in western Glenn County: Highway 162 and County Road 306. Glenn County is in Northern California, approximately one and a half hours north of Sacramento along Interstate-5 and is within the Tehama-Glenn Unit (TGU). Supported by the Tehama-Glenn Unit's (TGU) Strategic Fire Plan, 2011 Glenn County Community Wildfire Protection Plan (CWPP) including 2022 Glenn County CWPP Update, and other local strategic plans, this project is important to reduce the threat of wildfire to people, structures, and</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>nearby communities. In addition, this project aims to reduce greenhouse gas emissions.</p> <p>This project will maintain momentum gained over the last several years in an innovative, newer way of implementing fuel breaks within the 108 acres and 86 miles in total length hazardous fuels reduction project. Currently, the Glenn County Resource Conservation District (RCD) is in agreement with CAL FIRE, No. 5GG17226, for the Glenn County Highway 162 and County Road 306 Fuel Breaks Project using scrape as the vegetation treatment prescription. Funds were awarded through the CAL FIRE California Climate Investment Fire Prevention Program Grant FY 2017-2018 Funding Opportunity. Although recently amended for a time extension through March 15, 2025, it is anticipated the current project will be completed and budget expended by December 31, 2022. This grant funding opportunity would maintain the fuel breaks from 2023 through March 15, 2026 through utilizing intensive goat grazing as the vegetative treatment prescription to not only address the horizontal continuity of vegetative fuels but also addressing any future vertical vegetative fuels helping to reduce the rate of fire spread, duration and intensity, fuel</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>ignitability, ignition of tree crowns, or structures.</p> <p>The Highway 162 fuel break is located along the north and south sides of Highway 162 from the Local Responsibility Area (LRA) boundary just west of Willows to the community of Elk Creek. The County Road 306 fuel break is located along the east and west sides of County Road 306 from the County Road 200 intersection at its northern-most point, down to the community of Stonyford (Colusa County line), within the State Responsibility Area (SRA) in Glenn County.</p> <p>This project is directly associated with the reduction of fuels along major travel routes in the SRA, LRA, and Federal Response Area (FRA) along highways and community ingress and egress, which will consequently reduce the potential for ignitions to become catastrophic fires that gain momentum into structures and other valuable infrastructure such as agricultural lands, livestock, schools, and communities in rural areas. This hazardous fuels reduction project will help reduce the initial fire size and create a buffer to allow fire equipment to take aggressive action.</p> <p>The Highway 162 fuel break serves to create a defensible space for emergency response personnel to aid</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>in the rapid suppression of wildfires that start along this highway’s length. The fuel break also improves the safe use of the highway as an evacuation route and improves the ability to prevent fire damage and or destruction to the transmission lines that provide power and communications to the Elk Creek community. Critical infrastructure that supports the community of Elk Creek will also be further protected from damage and/or destruction from a wildfire.</p> <p>The County Road 306 fuel break helps in protecting the rural communities of Newville, Chrome, Elk Creek, and Stonyford, as well as Grindstone Rancheria and its related cultural resources, from the potential impacts of wildfire. Elk Creek and Stonyford are communities listed on the federal registry of identified communities at risk.</p> <p>Habitable structures and infrastructure include the community of Elk Creek and a multitude of scattered residences in the area between Willows and Elk Creek. Elk Creek is a compact community with a church, post office, community hall, elementary, middle and high school, and several commercial businesses. Electrical and water utility infrastructure are also located in the urban core. All are critical components</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>that provide service to habitable structures that are at risk of being interrupted or destroyed by wildfire. The community and the surrounding area are served by a seasonal CAL FIRE station along with a U.S. Forest Service facility and the Elk Creek Volunteer Fire Department.</p> <p>The Grindstone Indian Rancheria is a federal reservation of Nomlaki and Wintun Indians in Glenn County. The facility is located approximately six miles north of Elk Creek along County Road 306 and Grindstone Creek. With a population of 98 and tribal enrollment of roughly 162, the Rancheria property covers 120 acres of oak woodlands and grasslands. In addition to residences, the property contains a large number of Nomlaki and Wintun cultural resources, including the oldest Round House in California.</p> <p>The maintenance of this fuel break diminishes the risk of interruption and or destruction of the above listed infrastructure associated with 711 habitable structures within these identified communities. In addition, rangeland, livestock, wildlife and natural resources will be protected by these fuel breaks which are essential components of California.</p> <p>Ultimately, this hazardous fuels reduction project will aim to reduce the</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					risk of wildland fires to habitable structures and communities, while maximizing carbon sequestration in healthy wildland habitat and minimizing the uncontrolled release of emissions emitted by wildfires.
21-FP-TCU-0035	Calaveras Foothills Fire Safe Council	Door to Door Chipper Program	Calaveras*	\$169,500.00	The project is to minimize fuel loading within subdivisions by having homeowners cut and pile yard materials and our contractor will chip and rebroadcast materials back on the property for erosion control and vegetation growth mitigation. This project has been successful 17 years including a 2015 SRA Fee Grant and has significantly expanded the amount of property owners to clear and maintain their properties.
21-FP-SKU-0174	Shasta Valley Resource Conservation District	Siskiyou Prescribed Fire Capacity Project	Siskiyou*	\$534,531.00	The Shasta Valley Resource Conservation District (SVRCD) is applying as the fiscal sponsor of the Siskiyou Prescribed Burn Association (SPBA) for the Siskiyou Prescribed Fire Capacity Project under the Wildfire Prevention Education section of this grant program. The SPBA includes landowners, Tribes, local organizations, and agencies that work together to safely conduct burns in the interest of restoring historic roles of fire, using fire as a management tool, and reducing wildfire hazard to our

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>communities and watersheds throughout the diverse fire-adapted landscapes of Siskiyou County. The primary partners in the SPBA include the SVRCD, Scott River Watershed Council (SRWC), Mid-Klamath Watershed Council (MKWC), Quartz Valley Indian Reservation (QVIR), Torchbearr, and the Mount Shasta Bioregional Ecology Center (MSBEC). The main goal of the SPBA is to increase local capacity for prescribed fire. This project will support the SPBA to accomplish this through the following objectives:</p> <ol style="list-style-type: none"> 1. train local fire practitioners and community members about the skills and methods used for prescribed burning including live-fire trainings; 2. conduct outreach and education about prescribed fire and its role in Siskiyou County; 3. support the SPBA Leadership Team members to attend trainings and burns in the region to expand their skills and increase their capability to provide quality training to the community; 4. expand the scope of the SPBA by

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>engaging with and supporting additional local stakeholders.</p> <p>To reach these objectives, the SPBA will host six workshops, plan six prescribed burns, implement three training burns, publish quarterly newsletters, and conduct extensive coordination with diverse stakeholder to achieve these objectives. Workshop topics may include skills and techniques for prescribed burning, prescribed fire planning, smoke management plan/air quality permitting, burn plan preparation, hazardous fuels reduction to prepare for prescribed fire, fire science, local fuel and weather, fire effects monitoring and post-fire management, and GIS mapping. Planning documents will be prepared for twice as many burns than will be implemented in order to optimize options for weather and fuel conditions to ensure that at least three burns will be in prescription to provide the best training opportunities under this program.</p> <p>Project Tracking Number: 21-FP-SKU-0174 2</p> <p>California's Wildfire and Forest</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>Resilience Action Plan states that, “Prescribed fire, or the use of fire under safe conditions, is now well-recognized as one of the most versatile and cost-effective tools available to reduce fuels buildup in forests and the risk of catastrophic wildfires while increasing climate resilience.”</p> <p>1 Public buy-in and resource availability of a trained and experienced workforce continue to be identified as barriers to expanding prescribed fire activities.</p> <p>2 Three of the main goals identified in the current draft of California’s Strategic Plan for Prescribed Fire, Cultural Burning and Prescribed Natural Fire are to develop a robust prescribed fire workforce, empower the private sector, and build public support for beneficial fire.</p> <p>2 Key action 2.1 is to, “Expand capacity of private prescribed fire workforce,” which this proposal directly works towards addressing.</p>
21-FP-SKU-0180 (Withdrawal)	Fire Safe Council of Siskiyou County	I-5 Mount Shasta Project	Siskiyou*	\$180,794.00	This proposed project is for fully executing environmental studies in order to create a CEQA (California Environmental Quality Act) for

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>approximate 8.5 miles and 296 acres along I-5 and on CAL TRAN's right-of-way. The project will extend from the Azalea overpass in South Mount Shasta (Exit 736) to the Truck Village Dr. off ramp (Exit 743) in the North Mount Shasta Area. Upon the submittal and approval of the Environmental Review Report Form (ERRF) and the requisite Notice of Exemption (NOE) a fully executed CEQA will allow CAL TRAN's crews to treat the approximate 296 acres using CAL TRAN's funds designated for this project.</p> <p>This project's proposed CEQA with subsequent hazardous fuel reduction by CAL TRANS crews is located in the WUI and SRA of south-central Siskiyou County.</p> <p>This project will help to treat critical areas that are high to very high severity zones according to CAL FIRE's FRAP MAP and are predominately within the SRA. By removing hazardous fuels, this project will help protect approximately 5,000 people, 3,000 structures and reduce greenhouse gas and carbon emissions during the project and over time through wildfire intensity reduction.</p> <p>This project area is identified in the CAL FIRE Siskiyou Unit Fire Plan, Siskiyou County's OES Hazard Mitigation Plan, CAL TRANS's Plan,</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>Siskiyou County Fire Safe Council CWPP, Dunsmuir CWPP, and the Mt. Shasta Area Fire Safe Council CWPP as priorities and are a top priority concern of the CALFIRE Siskiyou Unit, Shasta-Trinity National Forests, and Siskiyou County Fire Chiefs.</p> <p>CAL TRAN's Interstate 5 right-of-way from the Siskiyou Avenue interchange, Exit 732 (Mile Post 4.2) north to the Azalea Road overcrossing (Mile Post 8.2) is currently being treated by previously funded CAL FIRE grants to the Shasta Valley RCD on the east side of the north bound lane (Phase I) and to the Fire Safe Council of Siskiyou County on the west side of the south bound lane (Phase II). A complete CEQA assessment was conducted during the development of the Azalea Project that included both Phase I and Phase II project areas.</p> <p>This project is designed to help CAL TRANS improve ingress and egress along this major California Interstate by-way providing for a highly critical escape route during a wildfire. The project area varies in width from approximately 75' to 300' from the paved roadway edge.</p> <p>This project is adjacent to and/or shares a boundary with five other high priority projects:</p> <ul style="list-style-type: none"> • The Azalea (I-5) Fuels Reduction Projects Phase I

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<ul style="list-style-type: none"> • The Azalea (I-5) Fuels Reduction Projects Phase II • Mount Shasta’s South Old Stage Hwy 89 Project • USDA Forest Service’s Hwy 89 Project • Dunsmuir’s Hazardous Fuel Reduction Project (proposed) <p>Substantial infrastructure and private property resources are present throughout the immediate areas, in addition to federal and private forest lands, recreation sites, viewshed and watershed resources. By removing hazardous road-side fuels, this project will help protect nearby communities affecting approximately 5,000 people and 3,000 structures. Greenhouse gas and carbon emissions over the long term will likely be reduced due to the reduction in potential for high intensity wildfire.</p> <p>The project is designed to reduce and eliminate light to medium fuels (ceanothus, manzanita, black berry, tan oak brush, dogwood and conifer saplings) through the use of many different implementation methods including but not limited to mechanical mastication, hand cutting, pulling, chipping and piling and/or herbicides. Environmental studies and subsequent hazardous fuel reduction treatments will also target tree mortality plus critical infrastructure such as railroads,</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					powerlines, water sources, and communications installations when and where present.
21-FP-TCU-0032	Calaveras Foothills Fire Safe Council	Sheep Ranch Fuel Break Maintenance Program	Calaveras*	\$193,640.00	The Project will maintain a fuel break that was constructed as a contingency fire line for the 2015 Butte Fire, around the town of Sheep Ranch CA, in Calaveras County. This proposal would fund the work required, hand and mechanical removal of new sprouting and masticating of areas where needed, to convert this used fire line into a permanent fuel break. The history of large damaging fires in the area, assets at risk, geographic alignment of the ridge, and landowner support makes this an important project to fund.
21-FP-MMU-0143	Mariposa County Fire Safe Council, Inc.	Bullion Ridge Fuel Break	Mariposa*	\$1,012,058.00	The proposed Bullion Ridge Fuel Break is identified as a priority project in the MMU Strategic Plan, and is part of the Unit Wide Fuel Break Master Plan. This portion of the master fuel break will be in the Battalion II area of the Cal Fire MMU, in Mariposa County, California. This project is located on Bullion Mountain's ridge line near Mt. Bullion Ridge Road. We plan to construct a 300-foot-wide shaded fuel break, approximately 7.5 miles long, covering 281 acres. The fuel break will start two miles north of the town of Mt. Bullion, where Mt. Bullion Access Road and Mt. Bullion Ridge Road intersect, and adjacent to

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>the Cal Fire Mt. Bullion Conservation Camp. Then following the ridge line northwest to the Merced River. Following a parallel line to Highway 49, the fuel break will be traveling east of Bear Valley, west of Lyons Gulch, and ending south of Bagby. The proposed fuel break would protect the Midpines population to the east, with 702 homes/habitable structures, the town of Mariposa and the community of Mt. Bullion to the immediate south of the ridge line, with an estimated 900 homes, and the communities of Bear Valley and Hunters Valley with 127 homes.</p>
21-FP-SKU-0312	California Deer Association (CDA)	Reducing Fuel Load Risks to Communities, Roads, and Powerlines	Siskiyou*	\$7,561,564.00	<p>For the past four years, California Deer Association (CDA) has collaborated with Shasta-Trinity National Forest (STNF) to develop and implement the Eastside project, which is a landscape-level forest restoration and fuels reduction project. This scalable Siskiyou County project will reduce fuel loads on 3,450 acres within a larger 13,575-acre boundary of the McCloud Ranger District in the Shasta-McCloud Management Unit (SMMU). This project will enhance forest and watershed resilience and reduce catastrophic wildfire, flood, and post-wildfire sedimentation risks to three powerlines, public roads, and neighboring communities. CDA and STNF have developed innovative fuels</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>reduction methods to reduce fuel loads and create natural ecosystem fuel breaks for three powerlines totaling over 7.3 miles, 350 acres of culturally significant heritage and meadow sites with minimal ground disturbance, and create 1,100 acres of strategic fuel breaks/fuel management zones (FMZ) of 300 foot up to 2000 foot wide fuel breaks combined along National Forest roads. Additionally, SMMU NEPA documents and a fuels reduction/FMZ plan will be prepared for 14,470 acres of strategic fuel breaks along 60 miles and with FMZs up to 2000 feet wide (0.37 miles wide). The SMMU plan will prepare all NEPA associated surveys, scoping, and plans required for future fuels breaks/FMZ implementation for USFS roads to culturally significant tribal and heritage sites such as Medicine Lake and Glass Mountain. The SMMU planning project is less than two miles from the Eastside fuels reduction work, and CDA and STNF intend to seek future SMMU implementation funding. Fuel loads will be removed off the forest and processed at businesses in four neighboring distressed communities that will generate additional income and jobs. Within a 25 mile project radius, this project would provide reduced wildfire risks to 17 neighboring communities across</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					four counties, of which 13 are at high risk for wildfire damage. This scalable project is requesting \$7,561,564 and providing \$576,159 in secured match from CDA and Shasta-Trinity National Forest.
21-FP-MMU-0026	Mariposa County Fire Safe Council, Inc.	Mariposa Countywide Brush and Chip	Mariposa*	\$515,586.00	Our proposed project objective is the removal of fuels from the defensible space around habitable structures, and along ingress/egress routes of those structures, with priority given to those with special needs such as low-income, disabled, or elderly. Our goal is to help at-risk residents comply with PRC 4291. The program consists of non-ground disturbing brushing and chipping of fuels on private residential properties throughout the county. It also includes the distribution of educational materials to every property served. The program will have two offerings based on qualifications: 1) The brushing of defensible space, and routes of ingress/egress, will be available for low-income, disabled, and elderly citizens with limited financial means and 2) Chipping, without brushing, will be available to all citizens, regardless of income level, who brush and prepare their own defensible space fuel materials for our contract chipper. The labor involved in brushing and stacking the materials will be documented and counted as an in-kind match using the National

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>Volunteer Labor Value. Our goal is to provide at least 600 residential defensible space services, remove 180 acres of fuel, obtain an in-kind labor contribution of \$197,200, and distribute Cal Fire educational material to all of the homes served. Based on the strong performance of our current brush and chip program, these numbers are definitely achievable. There is a high need for defensible space assistance throughout our county. Our current program funding is concluding and we want to sustain this critical defensible space service. Our program user-survey binder has 2.5 inches of praise and appreciation responses for the current services. Ultimately, we want to reduce the risk of accidental fire starts, and fire spread from escaped burn piles and residential accidents. We want to keep citizens and first responders safe. We want vegetation clearance around homes to reduce wildfire intensity and rate of spread, reduce the risk of crown fires, provide for safer ingress and egress of evacuating residents and responding emergency personnel; thus, providing a reduction in the potential impact from catastrophic wildfire. Our goal is to protect life, property, and natural resources.</p>
21-FP-LAC-0188	City of Montebello	Montebello Wildfire Fuel Reduction and	Los Angeles*	\$108,997.00	The City of Montebello Fire Department (MFD) requests \$108,997

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
	Fire Department	Public Education Project			<p>in grant funding to implement the Montebello Wildfire Fuel Reduction and Public Education Project. The project will focus on an 83-acre open space area that is located on the northern edge of the City of Montebello, population 64,640, in eastern Los Angeles County, see attached Project Maps. An estimated 78% of the City is classified by the State as disadvantaged and/or low income. The Median Household Income (MHI) for the City (\$56,150) is 23% lower than the MHI for Los Angeles County and 30% lower than the MHI for the State. The City is urban and densely-populated, but there is a large wildland-urban interface (WUI) that includes two large open spaces in the northern part of the City (the target area and the adjacent 488-acre Montebello Hills open space that is set for development), and these are directly adjacent to the 1,500-acre Whittier Narrows Recreation Area (including the Dam and Reservoir), all of which is a Federal Responsibility Area (FRA). The WUI has been the site of numerous fires, including 39 in the target area in 2021, and the 370-acre Lincoln Fire in 2015. There are numerous adjacent and nearby structures and communities that are at-risk when wildfire breaks out in this area: Whittier Narrows Dam and</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>Reservoir and Whittier Narrows Recreation Area; two large residential areas in the Cities of Montebello and Pico Rivera, with an estimated 330 homes, are within 0.25 miles of the target area and thousands more homes beyond; two large shopping malls; oil and gas storage tanks and pumping units in the Montebello Hills; power distribution lines that run along the eastern and northern boundaries of the target area, three major ingress/egress arterials, and more. This project will be MFD's first ever wildfire fuel reduction project. MFD seeks to reduce current risk and expand departmental capacity to continue these prevention efforts beyond the scope of the proposed project. The three-year project will be implemented in three phases: 1. Project Preparation, which includes procurement of supplies, consultants, and vendors; development of a fuel reduction plan and CEQA compliance activities by a Certified Ecologist; training for the MFD firefighters who will conduct the fuel reduction activities; development of an outreach plan for the project's public awareness and education activities; and development of the fuel reduction schedule. 2. Hazardous Fuels Reduction and Public Education, which includes MFD firefighters</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>strategically clearing vegetation and trees in the 83-acre target area, following a fuel reduction plan and schedule, over an 18-month period. An MFD vendor will remove the debris for their own reuse or recycling purposes. Simultaneously, MFD will implement a complementary public awareness and education campaign to alert residents about MFD's prevention activities with a focus on helping Montebello residents harden their homes to reduce the risk of wildfire hazards. The public awareness element will include social media outreach and press releases; the public education element will include monthly social media outreach and door-to-door outreach by MFD firefighters, MFD auxiliary firefighters (trainees), and Fire Explorers (MFD's youth volunteers) at the 210 Montebello homes directly adjacent to the target area. 3. Maintenance, which includes monitoring the target area to identify new areas that need to be cleared, and to schedule and implement future fuel reduction activities. MFD's goals are to prevent wildfire frequency and/or intensity in the most wildfire-prone area of the City, building the Department's wildfire prevention capacity, and educating residents on wildfire and encouraging their implementation of wildfire</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>hardening efforts. All of MFD's staff time to implement the project will be provided in-kind, including fuel reduction activities which will be conducted by MFD firefighters, engineers, and captains, and MFD's staff to administer the project and oversee project vendors and consultants. MFD requests grant funds for all other costs including: Costs for the Certified Ecologist (consultant) who will develop the fuel reduction plan (and maps) and file the required CEQA paperwork; Costs for the expert consultant who will train the MFD firefighters, engineers, and captains on fuel reduction implementation and safety; Costs for a vendor to remove the biomass/debris for reuse or recycling; Supplies needed to implement fuel reduction activities (e.g., long-blade chainsaws, hand tools, PPE, etc.); and Supplies needed for the project's public education element (e.g., color brochures and flyers). MFD's in-kind contribution is valued at \$401,737, or 79% of the \$510,734 total project cost.</p>
21-FP-TUU-0119	TULARE COUNTY RESOURCE CONSERVATION DISTRICT	RANCHERIA	Tulare	\$249,016.00	<p>The project's goal is to reduce fire fuels and improve clearances along the SRA portion of a critical CAL FIRE Fire Control Road. The aim of the project is to connect the County Road at Bear Creek with the USFS boundary 1 1/2 miles to the north. The</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>36 acre "Treatment Area" of the project is located on both private land. The 1 ½ mile length of Rancheria FCR is five miles NNE of the community of Springville and west of the cabin community of Happy Camp... Rancheria is a major fire control and evacuation route whose importance was recognized during the 2020 Castle Fire. The 2,000 acre "Project Area" includes more than 150 structures in the immediate area including the School of Science and Conservation (SCICON). More than 500 structures in the area are directly dependent upon the effectiveness of the road to create a secure fire break and a safe evacuation route. The importance of the fuel break cannot be overstated in protecting the WUI community north of Springville and the cabin community of Happy Camp just to the east. The area impacted by the project contains more than 2, 000 structures.</p>
21-FP-LNU-0237	COPE Northern Sonoma County	Northern Sonoma Public Evacuation Corridor Protection	Sonoma	\$411,488.00	<p>Sonoma County has been devastated by wildfires over the past several years with dramatic and tragic events that have captured attention locally and nationally. With continued drought, remote and mountainous areas, and more human interaction with nature than ever before, the risk of wildfires will continue to threaten this beautiful and vital region of California.</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>Fortunately, there are activities and organizations that are working to prevent the next tragedy and prepare the region for the next wildfire event. Citizens Organized to Prepare for Emergencies (COPE) Northern Sonoma County is one such organization. In partnership with the Northern Sonoma County Fire Protection District, this project will provide roadside vegetation management east of the City of Healdsburg in Northern Sonoma County. Three communities (Fitch Mountain, Toyon, and West Soda Rock) that are affiliated with COPE and include 750 homes, will benefit from this critical work. Essential evacuation routes will be made safer for resident egress and more accessible for firefighters and other responding agencies. This work will also reduce the fire intensity the next time a fire breaks out in these areas, benefitting not only these homes, but also Healdsburg and surrounding communities. Just over 71 acres will be treated, with 28 falling into the high FHSZ and the rest in the moderate zone. Additionally, COPE will work to continue to communicate with residents, promote collaboration and provide education over the importance of this project and improved emergency preparedness.</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
21-FP-CZU-0114	City of Belmont	City of Belmont Hazardous Fuels Reduction Project	San Mateo	\$325,000.00	<p>The “City of Belmont Hazardous Fuels Reduction Project” (Project) will include targeted hazardous fuel reduction, including removal of invasive species, to establish defensible space and improve access for fire resource response. The primary objective of the Project is to reduce the scale and severity of wildfire around communities, homes, schools and other infrastructure, and other highly valued resources through fuel management and the reduction of fuel types that lead to dangerous wildfire conditions. The project would also include a public outreach component to educate and facilitate fuel reduction and defensible space establishment on private property and benefits of home hardening. The project will This holistic approach to wildfire safety and prevention will provide immediate protection through targeted fuels reduction and medium-to long-term protection through ongoing maintenance of treated areas and community participation, education, and outreach. There are an estimated 3500 housing units with more than 12,000 residents and six schools within the Project Influence Zone (PIZ). Homes and infrastructure within the PIZ are considered to be at immediate risk in the event of a wildfire and includes the primary audience for</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>outreach efforts. Hazardous fuels reduction treatments will be performed within the Treatment Influence Zone (TIZ) within and immediately adjacent to the combined over 300 open space acres (Waterdog Lake Open Space and San Juan Canyon Open Space).</p>
21-FP-TCU-0321	The Mokelumne Coast to Crest Trail Council	Lilac Park Hazardous Fuel Reduction	Calaveras	\$369,000.00	<p>Arnold Lilac Park Subdivision (Lilac Park) is in the town of Arnold on the northeastern slope of Grizzly Ridge, below Grizzly Peak and is home to many tree species including cedar, pine, oak & dogwood. This project will address fuel reduction required to reduce or eliminate the risk of catastrophic fire in the upper portion of Lilac Park, which also includes 4 homes on Rocky Ridge Ct near Grizzly Peak for a total of 75 lots, with 68 structures and a total acreage of 61.95 acres. This project also addresses wild fire threat by adding to and strengthening a fuel break system already in place along this project's boundaries and on Grizzly Peak. This project will serve as a catalyst to bring the community together to support additional work until the entire northeast slope of Grizzly Ridge is no longer at risk of catastrophic fire. Arnold is surrounded by the Stanislaus National Forest. It is in the very high fire hazard zone and was threatened, but did not burn in the Calaveras County 2015 Butte Fire. A new group</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>of committed homeowners have engaged in a vigorous education campaign and have convinced the community that this work is both necessary, and can be done in a way that maintains the forested nature of their land.</p> <p>Project Leverage This project expands on completed and ongoing work adjacent to this project including:</p> <ul style="list-style-type: none"> ● Hazardous fuel removal projects completed within the last six years adjacent to Lilac Park, called “Blue Lake Springs Fuel Hazard Reduction” ● Active work in Blue Lake Springs homeowner association, as defined in the 2020 Calaveras CWPP, including annual 4291 Defensible Space compliance inspections and recognition as a FIREWISE Community through the National Fire Protection Association and Firewise USA ● An older timber harvest on 36 acre lot adjacent to Lilac Park, containing a dozer line <p>Priority Landscape Identification According to the FRAP 2018 Priority Landscape analysis, Lilac Park is in the highest risk priority landscape category for:</p> <ul style="list-style-type: none"> ● Risk to Forest Ecosystem Services including surface water, carbon storage and standing timber assets

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications					
Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<ul style="list-style-type: none"> • Risk to communities from wildfire • Tree mortality that creates a direct risk to critical infrastructure
21-FP-TCU-0034	Calaveras Foothills Fire Safe Council	Seniors and Disabled Defensible Space Program	Calaveras*	\$169,120.00	This project fits the first two goals of the National Cohesive Wildland Fire Management Strategy. Maintaining resilient landscapes and creating fire adapted communities. By helping Seniors and Disabled persons create Firewise landscaping, as well as uniting communities in creating more resistance to wildfire threats. This program will provide hand thinning and chipping within the 100' guidelines in PCR 4291 on lots owned by Seniors and folks with disabilities whom could either not afford to perform this work or physically are unable to provide citizens within our community. This project has been provided over a 17 year period with very high success rates. The goal is to avoid devastating fires like the ones we saw in 2021.
21-FP-LAC-0171	N/A	Camp Josepho Hazardous Fuel Reduction	Los Angeles	\$237,500.00	The proposed project is located at Camp Josepho operated by the Western Los Angeles County Council, Boy Scouts of America (WLACC). The project utilizes vegetation clearance to reduce the risk of a wildfire starting from camper actions while at the camp and to reduce wildfire intensity and rate of spread for any fires in and around the wildland-urban interface (WUI) of Camp Josepho in the Pacific Palisades region of the Santa Monica

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>Mountains. The primary project area encompasses 15 acres of high human activity area within the camp and is home to 35 structures. The proposed project includes a 3-mile section road which serves as the only vehicle-accessible entrance and exit to camp. The road serves as a strategic fuel break for the neighboring residential communities and is accessed via the residential Riviera neighborhood of Pacific Palisades. In addition to acting as a fuel break the road clearance will provide for safer ingress and egress of evacuating residence and responding emergency personnel. The project elements include reduction of ladder fuels to reduce risk of crown fire, selective tree removal to improve health and to withstand fire, and the removal of dead and dying trees that pose a threat to public health and safety. This project will increase overall safety, minimize fire risks in the WUI, continuously evaluate risks and hazards, and enact sustainable, permanent fuel management practices.</p>
21-FP-BEU-0054	City of Hollister	SAN BENITO COUNTY FUELS REDUCTION	San Benito*	\$675,971.00	<p>This applied grant provides a three part approach in the two evaluated areas of San Juan Canyon Road and Cienega Road in the South West portion of San Benito County. The Project was evaluated by the Hollister Fire Department with the assistance</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>from our partners in the local BEU. This project is supported by the San Benito County Board of Supervisors, San Benito County Office of Emergency Services and the San Benito County Fire Safe Council. The areas proposed are moderately inhabited with 72 residences on San Juan Canyon Road and 145 residences on Cienega Road. Hollister Hills State Vehicular Park and Fremont Peak State park are located on these two proposed work areas with critical infrastructure (radio repeaters, antennas for public safety and local news media) located at the top of Fremont's Peak which is located at the end of San Juan Canyon Road. Agriculture such as vineyards, wineries, and cattle raised for food are located in between the areas of these two roadways. These proposed work areas contain vital agriculture businesses from the wine and food industry as well as raising cattle for food. Cienega Road involves 14.5 miles of shaded fuel break for a total of 29 miles of roadway to complete both sides of the roadway which is approximately 35 acres. San Juan Canyon Road involves 10 miles of shaded fuel break for a total of 20 miles of roadway to complete both sides of the roadway which is approximately 24 acres. The first part</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>of the project proposes mowing of vegetation along the roadways plus or minus 10 feet with trimming of trees and spraying weed kill to mitigate growth in areas approved and allowed for two years. The second part involves the purchase of equipment of the county to maintain the work provided by this grant after completion of work throughout the year. The final aspect involves education material which involves large signage at identified spots through the two work areas. Printed materials to educate on the importance of weed mitigation and defensible space for the homeowner in support of Public Resource Code-4291 that will continue for the upcoming years to come.</p>
21-FP-HUU-0198	County of Humboldt	Community Wildfire Protection Plan Phase V: Wildfire Preparedness	Humboldt*	\$191,318.00	<p>The proposed Community Wildfire Protection Plan (CWPP) Phase V: Wildfire Preparedness Project (Phase V Project) seeks to build on the ongoing success of Phase II: CWPP Implementation, Phase III: Fire-adapted Landscapes And Safe Homes (FLASH), and CWPP Phase IV: Wildfire Preparedness. The objective is to continue to make progress on priority wildfire preparedness work and finetune a countywide collaborative approach to building capacity and preparing communities for wildfire. Although some components of the proposed Project will be delivered</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>countywide, this phase of Humboldt County CWPP implementation will be focused on supporting a continued and meaningful level of activity within the high-risk target areas of Shelter Cove and the greater Southern Humboldt area (primarily in and around Garberville, Benbow, Redway, and Salmon Creek). The project, if selected for funding, will deliver direct defensible space assistance and home risk assessments to approximately fifteen (15) elderly, disabled, and/or low-income individuals; and twenty-four (24) chipper days to assist with the disposal of green waste generated from residents creating and maintaining their own defensible space. The impact of this work is projected to benefit at least two hundred (200) habitable structures; either from receiving direct treatment or through adjacency to treated homes. Similar to previous phases, the Phase V Project is designed to build on and complement fuels treatments undertaken by local fire safe councils (FSCs)/Firewise Communities, non-governmental organizations and CAL FIRE within the target areas and solidify collaborative partnerships to support the efficient and impactful delivery of a coordinated wildfire preparedness program. The proposed work is also planned to be in alignment</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>with CAL FIRE and local partner priorities. The County intends to leverage existing working relationships with members of the Humboldt County Fire Safe Council (HCFSC), CAL FIRE Unit level staff, Shelter Cove Resort Improvement District (SCRID)/Shelter Cover Firewise Community, Southern Humboldt FSC (SHFSC), other local FSCs, University of California Cooperative Extension (UCCE), Humboldt County Resource Conservation District (HCRCD), and contractors. In addition, this project offers the opportunity to deepen new partnerships with the Trees Foundation, local fire departments, and emerging Firewise Communities (Salmon Creek and Benbow). Five (5) collaborators submitted letters communicating their support for the proposed Project and their intention to work with County staff and other partners to ensure its success. Two of these collaborators, referred to as "Implementation Partners", have agreed to lead work in specific target areas under contract with the County. Planning and coordination of partner work will be led by County staff to ensure the overall goals of the project are achieved. Exercising and expanding key partnerships through implementation of this project will build project planning and execution</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					capacity within Humboldt County and support the continued establishment of a network of wildfire mitigation practitioners who know how to work together toward mutual goals.
21-FP-MMU-0027	Timberview Area Firewise Improvement Council (TAFIC)	TAFIC Hazardous Fuels Reduction Project IV	Madera*	\$180,000.00	<p>The Timberview Area Firewise Improvement Council (TAFIC), is an active Fire-wise Community located in the Central Sierra foothills. Our community consists of 55 parcels including 45 homes spread across 280 acres surrounded on three sides by USFS forest land. This project will consist of two treatment zones. The proposed Zone A project will be in addition to previous and current grant projects to remove hazardous fuels that endanger residences and the surrounding for-est. This grant will enable us to: (1) hire contractors to treat 40 acres of hazardous fuels consisting of bark beetle drought induced tree die-off and heavy under brush, (2) in-crease awareness of the importance of community involvement and responsibility in promoting Firewise Communities, and (3) demonstrate the benefits of the partnership between Private Communities and Cal Fire in achieving California’s Strategic Fire Plan. The proposed Zone B project involves the private land entrance to the Timber-view, Sierra Highlands, Finegold subdivisions off of County</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>Road 223. At Road 223 and Church Ranch Road, create an anchor point and construct a shaded fuel break 150' - 200' on the west side (up slope from the road and below the residences). Re-move hazardous woodland fuels on 20 acres consisting of log decks, drought/bark beetle tree die-off (both standing and down) and heavy brush. All hazardous fuels will be either transported to a local biomass facility, masticated, or chipped for erosion protection and facilitate greenhouse emission limitation.</p>
21-FP-TCU-0039	Calaveras Foothills Fire Safe Council	Murphys Area Fuels Reduction Project	Calaveras*	\$515,692.00	<p>The Murphys Area Fuels Reduction Project is a 2 mile long roadside fuel break East of Angels Camp and West of Murphys. This project is a mastication project which will utilizes treatments that will eliminate the vertical and horizontal continuity of vegetative fuels for the purpose of reducing the rate of fire spread and avoiding crown fires. The fuels are heavy in several drainages along Ridge rd. The fuels consist of brush, grass oak woodland and timber over story. This transition area contributes to the very high fire danger area. The history of large damaging fires in the area, assets at risk, geographic alignment of the community of Murphys, and landowner support makes this an important project to fund.</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
21-FP-BEU-0107	Elkhorn Slough Foundation	Elkhorn-Las Lomas Hazardous Fuels Reduction Project	Monterey	\$1,774,550.00	<p>The Elkhorn Slough Foundation (ESF) seeks to protect the three adjacent Communities at Risk of Las Lomas, Elkhorn, and Prunedale by removing 20.5 acres of Tasmanian blue gum (Eucalyptus globulus) trees that stand between these neighborhoods. Many homes and residences are located in dead-end canyons or ridgetops off single lane roads, and therefore, would be extremely vulnerable during a wildfire. Blue gum trees are prone to torching and crown ignition, and have the ability to send embers and firebrands drifting over long distances to start spot fires in advance of a fire front. These Eucalyptus in the project area will be felled, the stumps will be treated to prevent regrowth, and the resulting biomass will be left onsite for soil carbon storage, and processed into firewood for local energy generation. This prescription will complete the first of three hazardous fuel reduction phases for the Northern Crescent property, in which all 74 acres of Tasmanian blue gum trees will be removed. The project fulfills an existing tree removal plan, the CA Cooperative Forest Management Plan for the Northern Crescent. Natural oak and grassland vegetation will be allowed to regenerate after the project is completed, although fuel loading will be monitored and managed in</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>perpetuity through grazing, mowing, and manual thinning. The resulting landscape will have lighter fuel loads, reduced crown fire potential, better roads for emergency vehicle access, improved oak forest health, and enhanced viewsheds. Removing hazardous blue gum fuels will reduce the magnitude and intensity of a potential wildfire in the Elkhorn-Las Lomas region. This will help protect over 500 adjacent habitable structures, electrical and telecommunications infrastructure, schools, places of worship, and other community institutions in the Communities at Risk.</p>
21-FP-LAC-0164	CITY OF LOS ANGELES, BUREAU OF SANITATION	Lopez Canyon Hazardous Fuels Reduction	Los Angeles*	\$659,070.00	<p>The Lopez Canyon Landfill is located in the northeastern part of the San Fernando Valley in Los Angeles County on the southern side of the San Gabriel Mountains on land wholly within the City of Los Angeles. Currently, Los Angeles Sanitation and Environment maintains the closed landfill, operates the Lopez Canyon Environmental Center - a green waste processing facility, the Lopez Canyon Environmental Education Center - a community center, a public park, and an under-construction community equestrian trail. All these amenities are within the Lopez Canyon Landfill property. Neighboring Lopez Canyon within the same zip code (91342) are Kagel Canyon, Sylmar, Lake View</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>Terrace, and swaths of the Angeles National Forest. The Census 2019 data states that there are a total of 26,666 housing units and 94,595 people living within the zip code. Within a 2,100 foot boundary of The Lopez Canyon Landfill property are hundreds of housing units, two schools, a fire station, and multiple businesses, restaurants, and public parks. Neighborhoods surrounding the Lopez Canyon Landfill property include both low-income and disadvantaged communities. The scope of work includes hazardous fuel reduction around the perimeter of the landfill property. Approximately 40 acres of vacant open space adjacent to private property will be treated - split into seven different areas located on the west, south, and east side of the Lopez Canyon. The goal of the project is to remove hazardous fuel every year during the years 2023, 2024, 2025, and 2026. The hazardous fuel removal activities in these areas will include; brush clearing, weed whacking, and tree raising, to allow a minimum of 200 ft. clearance from private property. LASAN has a trained workforce at Lopez Canyon to complete this work who is familiar with the tasks, area, vegetation, and regulations that protect native plants. The ideal outcome is that in case of a wildfire,</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications					
Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					lives, infrastructure, properties, and land are saved or have a defensible space to mitigate fire damage - thus, benefiting the surrounding communities and Fire Department, as fewer resources are needed to fight wildfires in the area. LASAN's long-term goals are to continue to aid nearby residents with brush clearing before each fire season begins, increase clearing areas, and work with the neighboring communities to prevent wildfires.
21-FP-TCU-0044	City and County of San Francisco	Camp Mather Hazardous Fuels Reduction	Tuolumne*	\$1,748,470.00	The proposed project seeks to remove over 25 thousand board feet of trees afflicted from drought, insect, and disease mortality from the Camp Mather property. The Camp Mather area is in Tuolumne County and is in a California Department of Forestry and Fire Protection Fire and Resource Assessment Program (FRAP) Very High Fire Hazard Severity Zone (VHFHSZ). The community of Mather is considered a Community at Risk, per the Office of the State Fire Marshal. The area has a long history of large wildfires, including the 2013 Rim Fire. In 2021, Hetch Hetchy Water and Power (HHWP) completed one phase of tree removal on the Camp Mather property; however, trees continue to die, and the understory grows with dense deadfall occurring throughout the area. The Evergreen

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>Lodge at Yosemite is less than half a mile from the camp property. Its cabins and infrastructure would also benefit from the increased fire protection from removing hazardous fuels at Camp Mather.</p> <p>Mather Family Camp (Camp Mather) is owned and operated by the City and County of San Francisco. It is in Tuolumne County and is within the boundaries of the Stanislaus National Forest and surrounded by Yosemite National Park. The geographical coordinates of the camp are 37°52'56.64" N, 119°51'19.94" W. Mather encompasses an area of approximately 350 acres and has 95 cabins that can host from two to six guests and 20 tent sites that can host four to six guests. Camp Mather can accommodate up to 538 people. In addition to the cabins and tent sites, 50 support structures comprised of bathhouses, laundry, staff dormitories, dining hall, nurses' cabin, first-aid station, general store, main office, and bunkhouses. The camp has a water treatment plant with a 20,000-gallon holding tank and a treatment plant building. HHWP provides power to the camp structures through 12kV overhead lines fed by 21 pole-mounted and two pad-mounted utility transformers throughout the camp. In total, there are 145 structures within</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>the camp property, as shown in the attached map below. (Figure 11: Camp Mather Structures Layout). The trees within the Camp Mather property suffer from drought, insect, and disease mortality. The City and County of San Francisco have previously harvested (commercial and non-commercial) about 43 acres, included in Units 4,5,7,8, and 9 as shown on the Attachment 3 Map. HHWP performed this work under the Notice of Emergency Timber Operations 4-20-EM-00087-TUO. The proposed Camp Mather Hazardous Fuels Reduction project will treat approximately 122 acres consisting of the removal of 30% ponderosa pine (PP), 50% incense cedar (IC), 30% sugar pine (SP), 2-% white fir (WF), and nominal amounts of Douglas fir (DF). The current Notice of Emergency Timber Operations (No: 4-21EM-00266-TUO) expires on June 28, 2022. This grant proposal will include the costs for a Registered Professional Forester to complete a new Timber Harvest Plan, which will encompass the remaining work included on Units 1, 2, 3, 15, 16, 17, 6, 10, 11, 12, 13, and 14 as shown on the map below.</p>
21-FP-KRN-0138	Farmworkers Institute of Education and	Pine Mountain Club Fire Fuel Reduction (PMC-FFR)	Kern*	\$1,099,539.52	The Cesar Chavez Environmental Corps (CCEC), a program of a non-profit called FIELD, is a State and Federally funded 21st Century Service

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
	Leadership Development				<p>and Conservation Corps based in Kern County. CCEC shares FIELD's purpose "to empower the under-served to be self-sufficient." CCEC was created to provide FIELD students, and other under-served youth in Kern County, with opportunities to integrate classroom skills into adulthood, careers, further education and training. CCEC is led and supervised by land management and conservation management professionals with over 30 years of experience. CCEC trains, educates and employs a cost-effective labor force of young adults that tackle environmentally-related and recycling projects. Corps members participate in projects focusing on outdoor activities ranging from landscaping to trail building. CCEC aims to improve the state's natural resources and creates awareness and appreciation for the environment among its participants. The CCEC proposes to provide the Pine Mountain Club Fire Fuel Reduction initiative. Specifically, vegetation clearance in critical locations to reduce wildfire intensity, rate of spread and modification of vegetation near roads and properties to provide for safer ingress and egress for the evacuation of residents and emergency personnel response within the San Emigdio Mountain community</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>of Pine Mountain Club as well as to increase access for fire crews. This community is labeled as a very high hazard fuel area and located within the Wildland Urban Interface (WUI). All of these properties are within the State Responsibility Area (SRA) and have significant undergrowth and vegetation that has either never been cleared or has not been cleared in a long time. These circumstances include heat waves and high wind days within a steep mountainous valley. This work will be done through the use of 38 acres of linear fuel breaks, fire crew access corridors, fuel reduction along property lines, along contour lines, and along roadside shoulders with an accumulated effect of increasing fire crew access and lessening fire severity through these areas. Two crews will be utilized to carry out the project consisting of 4 corps members per crew, 1 crew lead per crew, and 1 supervisor per project for a total of 11 individuals. No funds will be used to create roads, as defined as a prohibited item by CAL FIRE grant requirements.</p>
21-FP-TCU-0038	Calaveras Foothills Fire Safe Council	Dorrington/Camp Connel HOA's Comman Area Fuel Reduction Program	Calaveras*	\$250,140.00	<p>This project is intended to safeguard California State Highway 4 corridor from Murphys to Bear Valley by creating a shaded fuel break for the communities of Dorrington and Camp Connell. These communities are highly</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					vulnerable to catastrophic wildland fires given their proximity to the Stanislaus River Canyon.
21-FP-TCU-0129	Mokelumne Hill Sanitary District	MHSD Hazardous Fuel Reduction/Shaded Fuel Break	Calaveras*	\$173,003.00	<p>The project is in Mokelumne Hill, a historic “Gold Rush” era community with a population of 650 and over 300 homes, businesses, elementary school, post office, parks, and branch library. Mokelumne Hill is a registered California Historical Landmark (#269), with many irreplaceable historic buildings and sites. Mokelumne Hill is designated a “community at risk”, located in a Very High SRA Hazard Area, High Tree Mortality area, and WUI. The loss of historic structures and sites would be a devastating blow from which the town would not likely recover. The community is also situated above the ridge of the Mokelumne Wild and Scenic River and Watershed, source of water and recreation to millions.</p> <p>Funding and implementation of the project will allow for the continuation of fuel reduction work completed in 2019 (CAL FIRE Grant #16-TCU-0022). The 2016 grant funded the treatment and removal of between 800 to 1,000 of the over 3,000 dead and dying trees within 100’ of the MHSD internal road system. Funding under this grant will allow MHSD to treat approximately 25 acres, creating a shaded 200’ fuel break contiguous to the existing Moke</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>Hill Fuel Break, supporting the fuel break alignment contained in the Calaveras Foothills Fire Safe Plan and CAL FIRE TCU 2020 Strategic Fire Plan. Fuel reduction and the creation of a shaded fuel break will also greatly enhance the resilience of the project site that hosts critical community and regional physical infrastructure (wastewater treatment plant, ATT and Volcano Telecommunications, and PG&E transmission lines).</p>
21-FP-TCU-0140	Calaveras County Resource Conservation District	Northwest Calaveras Fuels Reduction Project	Calaveras	\$1,202,713.46	<p>The northwestern portion of Calaveras County, in a large part, has become a bedroom community for eastern San Joaquin and Stanislaus County. Large residential communities have sprung up in these foothill habitats, beginning in the late 1970's and early 1980's. It's been a typical and natural process of progress. Real estate developers like the topography and terrain that is present in this region of Calaveras County. The hilly topography gives desired relief to the layout of residential subdivisions that have been broken up into .25 to 1.5-acre house lots. These knobs and hills provide good access while offering idyllic views for the new homeowners. Recreation opportunities lie in all directions- you have numerous large lakes within 20 miles of the area, you have the High Sierras a short drive away, even the San Francisco Bay</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>Area and all it offers is only 90 minutes away. The capitol of California, Sacramento, is within an hour's drive. It's also a short commute to Lodi, Stockton, and Modesto, which are where the jobs are. Land is relatively cheap. County code and regulations are less stringent than in more urban areas. Yes, land developers were smart in utilizing the attributes of northwest Calaveras County to build residential subdivisions. And build they did! Currently in the Project Influence Zone there are 330 homes on the Treatment Influence Zone (TIZ). Adjacent to the TIZ and a part of the Project Influence Zone (PIZ) is the subdivision Rancho Calaveras, which has 1,937 households and a population (according to 2010 Census) of 5,316 persons.</p> <p>When these developments were envisioned, planned, and built 25 to 40 years ago, there was no attention to wildfire threat. These hilly, oak savannah land types didn't support fuels that could carry a fire. All that fuel had been bulldozed and cleared to make room for hundreds and thousands of homes. That has changed. Draws, swales, and unused areas have now become choked with debris, trees, and brush. Many landowners over the last few decades have welcomed the new vegetation- it</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>has provided privacy and landscaping features to their living space. Actively managing defensible landscaping is one thing. Allowing, or even promoting unmanaged vegetation to become a reservoir of flammable fuels is a whole different, and dangerous thing. This scenario can be easily seen if someone spends a little time on this Project Footprint.</p> <p>California was in a cooler, moister climate. It was inconceivable to think of a wildfire entering subdivisions such as those in northwest Calaveras County would carry, and destroy large swaths of land and dozens, if not hundreds of homes. Yet, that threat of wildfire is now prevalent each and every fire season. California is burning, and these WUI subdivisions are not immune to its effects. It's taken a truly long time, but homeowners who value clean air and beautiful views from the edge of a hilltop terrace for their home are beginning to understand that having a home at the top of a hill may have its drawbacks. A contributing factor that Calaveras Consolidated and CalFire Battalion 1 are anxious for this grant to be funded is their experience with the 2004 Pattison Fire, which burned much of this PIZ. During that fire, which burned Sept 3-5, 2004, 2,676 acres burned, but more importantly, 58 structures</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>were destroyed. We need to readdress this vulnerable fire footprint. According to fire statistics in Calaveras County, more ignitions and fires happen in this section of County than any other. This statistics are alarming. Homeowners are using steel-bladed lawnmowers. They are using small tractors. They are barbequing. They are burning debris piles. Sparks are hitting dry grass. The law of averages rears its ugly head, and fires begin. The question then becomes, "Will that fire get stopped by a couple foot stomps, or will it reach the ladder fuels 20 feet away?" When you look at it in a pragmatic context, it is not hard to appreciate what putting large numbers of people onto a fire-prone landscape can manifest to.</p> <p>This Project is not in a typical forest setting where most people think of wildfire potential. No, this is lower elevation blue and live oak oak/ brush country. According to the California Department of Fish and Wildlife's California Wildlife Habitat Relationship (CWHR) system, the vast majority of this footprint is Blue Oak Woodland (BOW) with some annual grasslands (AGS) interspersed.</p> <p>2021 will be known by a fact that should alert all of us about fire threat. Nearby Sacramento set a record for the longest period without rain in 2021.</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>The previous record was established in 1880 with 195 consecutive days without moisture. 2021 saw that long-standing record broken by a whopping 17 days. 2021 was also considered the second worst moisture year recorded in many locations across California. Extreme drought conditions only increase the chance that an ignition is allowed to build into a conflagration.</p> <p>California is drying, that is inescapable. The causes may in debate, but the response to our changing environment needs to be swift and decisive. Establishing defensible space around vulnerable homes and communities in our county should be Priority 1.</p> <p>This project, if approved, will substantially decrease fuels and related fire threats in the area of Calaveras County that is most susceptible to fire ignitions.</p>
21-FP-LAC-0145	City of Hidden Hills	City of Hidden Hills Multi-Phase Fire Prevention 2023-2026	Los Angeles	\$147,396.00	<p>The proposed project is part of the City of Hidden Hills' ongoing enhanced fuel reduction program and is in alignment with CAL FIRE's strategic plans at both the State and County levels. The project will extend the required 100 ft of brush clearance from habitable structures in Hidden Hills to 200 ft along the perimeter of the Upper Las Virgenes Canyon Open Space Preserve and adjacent privately-</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>owned open space land. This expanded defensible space effort, encompassing a total of approximately 33 acres within a historic fire corridor, will be performed by a contracted free-range goat grazing company. The goats offer a cost-effective, environmentally-supportive solution to reduce the risk of wildfire as they are able to reach challenging terrain while they consume and clear grasses and brush. A large portion of the project area is located within State park land managed by the Mountains Recreation & Conservation Authority (MRCA). Several hundred homes in the City of Hidden Hills and the neighboring community of Mountain View Estates in unincorporated Los Angeles County border the project area. A small portion of the project area (0.5 acres) is a hilltop within the City where smoke detecting cameras and emergency radio communications equipment are housed. Brush will be cleared around the equipment to protect the City's cameras, repeater, antenna, and emergency power battery system. The City of Hidden Hills' enhanced fuel reduction program was originally initiated by the City Council following the 2018 Woolsey Fire, based on a recommendation by the Los Angeles County Fire Department. As part of this program, similar hazardous fuel</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					reduction projects were successfully completed by Hidden Hills in 2019, 2020, and 2021.
21-FP-TCU-0151	County of Tuolumne	Tuolumne County Fuel Reduction	Tuolumne*	\$517,978.00	<p>Tuolumne County will be constructing strategic fuel breaks along county-maintained roads to perform hazardous fuels reduction projects. These hazardous fuels reduction projects exist in isolated areas around communities and population centers throughout Tuolumne County along favorable terrain features. These communities are located in Wildland-Urban Interface (WUI) areas as well as high Hazard Severity Zone and are at a substantial risk of impact from wildland fires. The project areas all include county roads that lead to or are within the subdivisions identified by Cal Fire under AB2911 as a group of more than thirty dwelling units that do not have a secondary egress or a secondary egress that meets the state threshold. This project will allow us to provide needed fuels reduction along vulnerable routes used for evacuation until we can implement recommendations for access as identified in the Subdivisions Review Program Report.</p> <p>The overall project area encompasses the State Responsibility Area (SRA) in Tuolumne County (329,344 acres). Existing hazardous fuels reduction projects cumulatively total</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>approximately 3500 +/- acres and benefit up to 27,000 habitable structures. This project will provide the ability to treat approximately 12.03 miles of county roadways that total 320 acres within Tuolumne County. This hazardous fuels reduction project will enable Tuolumne County to assist the State of California in reaching its climate investment goal of reducing greenhouse gas release by limiting the number of new wildland fires started in treated areas, enabling firefighters to keep fires smaller burning less acreage annually and protecting communities and structures that would contribute to greenhouse gas release if the structures/land were to be damaged or destroyed by a fire.</p>
21-FP-TCU-0152	County of Tuolumne	Tuolumne County Wildfire Prevention Planning	Tuolumne*	\$327,555.00	<p>CFM-SLC's Fire Safety: Prevention to Invention will educate and empower community members to be aware of everyday fire hazards in-and-around their homes, neighborhoods, and communities. In addition to fire safety, community members will be encouraged to participate in discussions and interactive exercises that help bring fire prevention strategies to their neighborhoods and communities.</p>
21-FP-TCU-0153	County of Tuolumne	Tuolumne County Fire Prevention Education	Tuolumne	\$53,680.00	<p>The focus of this program would be to take these vulnerable communities and communities like these in the County and reinforce them by</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications					
Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>supporting the creation of community driven Firewise Programs. This will mitigate the threat of wildfire by working to educate, support and empower residents to take increased prevention measures around their communities.</p> <p>This project will effectively mitigate the number of fires started, number of acres burnt, and number of structures affected by wildfire. Additionally, this will provide a model for similar-minded communities within the County to take action to reduce the threat of wildfire.</p>
21-FP-TCU-0162	City of Angels	Angels Camp Fuel Reduction Project	Calaveras*	\$200,000.00	<p>Project emphasis is on the wildland urban interface (WUI) adjoining the largest population centers. The communities that will benefit directly are Altaville, the City of Angels, Six Mile Village, and other communities throughout the SRA. Secure necessary equipment to reduce fuel load within the WUI including critical infrastructure necessary to maintain continuity of government and critical services and protect population centers.</p>
21-FP-TCU-0275	County of Tuolumne	Tuolumne County Hazardous Fuel Reduction Equipment	Tuolumne*	\$282,638.00	<p>Purchase of (1) Caterpillar 309 CR Mini Excavator with Caterpillar HM210 Mulching head attachment, (1) Fecon Bull Hog BH74SS Forestry Mulching head attachment to maximize fuel treatment capabilities of a Caterpillar 299D2 XHP Compact Track Loader that was acquired by the Tuolumne</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>County Fire Department under the 2018-2019 California Climate Investments Fire Prevention Grant, (1) Custom Built Gooseneck Heavy Equipment Trailer, related parts and accessories as identified in the budget. The Tuolumne County Fire Department will utilize the requested forestry land management equipment to construct and maintain strategic fuel breaks and perform hazardous fuels reduction projects throughout Tuolumne County. Numerous individual hazardous fuels reduction projects exist in isolated areas around communities and population centers throughout Tuolumne County along favorable terrain features. These communities are located in Wildland-Urban Interface (WUI) areas and are at a substantial risk of impact from wildland fires. This equipment will mechanically treat regrowth and tree mortality that has occurred within the footprint of the numerous hazardous fuels reduction projects in the county. This equipment will protect the previous investment of public funds by maintaining these strategic wildland fire defense systems constructed by the Highway 108/Tuolumne County Fire Safe Council, Tuolumne County Fire Department, Tuolumne County OES, Tuolumne County Resource Conservation District, Tuolumne Utility</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>District, Pacific Gas & Electric, Groveland Community Services District, Southwest Interface Team (SWIFT) and CAL FIRE Tuolumne-Calaveras Unit.</p> <p>The overall project area encompasses the State Responsibility Area (SRA) in Tuolumne County (329,344 acres). Existing hazardous fuels reduction projects cumulatively total approximately 3000 +/- acres and benefit up to 27,000 habitable structures. This equipment will provide the ability to treat 640 acres annually within existing and newly constructed fuel breaks and hazardous fuels reduction projects within Tuolumne County. This equipment will enable Tuolumne County to assist the State of California in reaching its climate investment goal of reducing greenhouse gas release by limiting the number of new wildland fires started in treated areas, enabling firefighters to keep fires smaller burning less acreage annually and protecting communities and structures that would contribute to significant greenhouse gas release if the structures were to be damaged or destroyed by a wildland fire.</p> <p>The project is located in an Assembly Bill 1550 designated low-income community, as significant portions of Tuolumne County are identified as AB</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>1550 low-income communities per the California Air Resource Board’s Community Investment webpage. The following is based off of the Evaluation Criteria for Providing Benefits To Priority Populations Table - LAND RESTORATION AND FOREST HEALTH for achieving “Low-Income Community” designation. (Step 1: Identify the Priority Populations) The low-income communities in Tuolumne County were identified using the Priority Population Maps on the California Air Resource Board’s Community Investments webpage. (Step 2: Address a Need) The following needs will be addressed for the identified low-income communities as per Table 5 of the California Air Resources Board Proposed Funding Guidelines.</p> <p>Public Health: Reduce health harms (e.g., asthma) suffered disproportionately by priority populations due to air pollutants. Increase community safety. Increase access to parks, greenways, open space, and other community assets.</p> <p>Economic: Revitalize local economies (e.g., increased use of local businesses) and support California-based small businesses.</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>Reduce housing costs. Reduce transportation costs. Reduce energy costs for residents. Improve transit service levels and reliability on systems/routes that have high use by disadvantaged and/or low-income community residents or low-income riders. Preserve community stability and maintain housing affordability for low-income households Provide educational and community capacity building opportunities through environmental community engagement and leadership. Environmental: Reduce exposure to local environmental contaminants, such as toxic air contaminants; criteria air pollutants, and drinking water contaminants Reduce exposure to pesticides in communities near agricultural operations. Greening communities through restoring local ecosystems and planting of native species, improving aesthetics of the landscape, and/or increasing public access for recreation. (Step 3: Provide a Benefit) The project provides the following benefits to the identified low-income communities as per Evaluation Criteria for Providing</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>Benefits To Priority Populations Table - LAND RESTORATION AND FOREST HEALTH.</p> <p>Project significantly reduces fire risk to households within one or more disadvantaged or low-income communities.</p> <p>Project significantly reduces flood risk to households within one or more disadvantaged or low-income communities.</p>
21-FP-TCU-0331	Tuolumne Fire Safe Council	Sunshine Hill / Jamestown Roads Fuel Reduction	Tuolumne*	\$177,847.00	<p>This relatively small 31-acre shaded fuel break (SFB) affords very significant fire reduction protection for the 100+ homes including, 32 low-income mobile homes, which back up to the project boundaries and are within just several hundred feet of the project.</p> <p>It also will reduce wildfire consequences for another 400 homes within a mile and a half.</p> <p>These rural homes were built forty plus years ago and have large lots with open spaces and lots of grasses and vegetation growing around them. A wildfire will cause immediate fire consequences to those backing up to the project and cause ash/cinders for dwellings within the close project influence zone. Leading into the area is a major heavily traveled road which is hilly and windy with overgrown trees and brush. The project area is thickly covered with buck brush, manzanita,</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>scrub oaks, bull pines and other vegetation grasses and other vegetation common at the 2,000-foot elevation. The land has been idle since cattle grazed it over 30 years ago, allowing for extreme conditions of vegetation growth to the level that the land is impossible to walk or to be traveled by trucks or fire operations. The project is all within the State Responsibility Area and the surrounding communities are in the Very High Fire Severity Zone as identified by the State and also in the new USDA "Wildfire Risk to Communities" database. Treatment will necessitate the use of hand crews and chipping. Property owners have been contacted and are in agreement for the work to be undertaken.</p>
21-FP-CZU-0087	City of Burlingame	Mills Canyon Fuel Load Reduction	San Mateo	\$140,000.00	<p>Fuel load reduction of a Wildlife Urban Interface Area: The Mills Canyon Wildlife Area includes 28 acres of chaparral and Oak woodland. Many invasive species including Acacia and Broom have increased the amount of hazardous fuels. Since 2013, a 100-foot buffer has been established via manual labor of staff, volunteers, CalFire hand crews and the California Conservation Corps. Though beneficial, manual labor is not as efficient or readily available as machines. We would like to transition to mechanized mastication to not only</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>continue this buffer in a more efficient and safe manner but also expand this 100 foot buffer to at least 200 feet within three years. By expanding the area of our fuel reduction efforts, wildfire is likely to be more readily contained and extinguished at ground level, thereby protecting the urban neighborhoods, Highway 280 and the adjacent State Responsibility Area (SRA) areas. Additionally, a masticator allow for retention of cut vegetation to be repurposed on site rather than the current practice of hauling it off-site as it previously had been.</p>
21-FP-LAC-0287	Mount Saint Mary's University	MSMU Wildfire Prevention	Los Angeles	\$166,400.00	<p>Mount Saint Mary's University proposes a hazardous fuels reduction project which will make it possible for us to increase the frequency and timeliness of vegetation management and clearing on the approximately 26 acres of steep terrain immediately on either side of our 55-acre campus. Established in 1928 and consisting of approximately 12 habitable structures—including historic buildings—the Chalon Campus is in the foothills of the Santa Monica Mountains, 1,100 feet above sea level, above the Brentwood neighborhood, with steep canyons descending from the campus's structural footprint on two sides, east and west. Over 100 private homes are in immediate proximity, and the campus is also</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications					
Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					adjacent to the Getty Center property. The campus is within an area identified by the State Fire Marshall and CAL FIRE as a Very High Fire Hazard Severity Zone. Rather than undertaking this work once per year, our proposed quarterly approach will enable us to be proactive and strategic regarding the management of vegetation-growth in our area before it becomes a threat, reducing the likelihood of catastrophic damage from wildfire such as that threatened by the 2019 Getty Fire.
21-FP-MVU-0219	Ramona West End Fire Safe Council	Ramona Community Dead and Dying Hazardous Tree Removal Project-4	San Diego*	\$67,500.00	The project proposal is to remove dead and dying trees on private property within the SRA of the Ramona Community Plan Area. The Gold Spotted Oak Borer (GSOB) has been discovered in oaks throughout Ramona over the last several years on public and private lands, leading to a high oak tree mortality rate in the area. Other types of trees, such as pine and eucalyptus, are also dying, probably as a result of drought and insect pests. This proposal includes all dead and dying trees on private property within 100 feet of a residence, that are a threat to public health and safety, and within 30 feet of an access road. The Ramona West End Fire Safe Council (RWEFSC) is requesting funding to remove approximately 50 trees at an average cost of \$1,150 per tree, or

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>\$57,500. Three similar tree removal projects have been completed with the most recent, 2018-2019 Fire Prevention Grant, completed in 2021, with over 100 dead and dying hazardous trees being removed in each of the last 2 grants. Services of a Registered Professional Forester (Mike Rogers, RPF #787) would also be required for the project, at an estimated cost of \$9,000 for services provided and \$1,000 for mileage. If funded, the program would be advertised throughout the Ramona Community Plan Area to residents located on SRA lands. Residents would complete an application process to apply for having a tree removed on their property. A 20 percent contribution would be collected from individual residents for each tree removed. Due to the potential for working in close proximity to homes, a licensed and fully insured contractor would be used, determined through a competitive bid process. Branches would be chipped and spread back over the site and tree trunks cut into rounds. Individual residents would be allowed to keep the wood with the condition that the wood not be moved or sold, if insect pests are present, and that it be stored according to Best Management Practices. If the wood is oak, it would be examined and</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					debarked if GSOB is present, and the bark would be chipped. The RPF would also determine if the trunk needs to be chipped.. There would be no personnel costs. Administrative work would be done by volunteers.
21-FP-TCU-0327	Calaveras Foothills Fire Safe Council	Appaloosa Roads Maintenance Project	Calaveras	\$283,180.00	<p>The Hwy 4 corridor has had its share of catastrophic fires; the most significant of which was the 2015 Butte Fire which scorched over 75,000 acres adjacent to the Hwy 4 corridor. Bar XX is a rural subdivision of 100+ homes located West of Angels Camp on the lower slope of the Bear Mtns., with only 1 access/egress route. Lot sizes within this subdivision are 20 acres. The area is designated a Very High Fire Severity Zone within the greater Angels Camp WUI. The open features broad expanses of flashy fuels bordered by dense brush fields; experiences daily high temps, low humidity and strong prevailing winds. This area is in the SH5 (Forester's Co-Op Shrub model 5) fuel model being a heavy shrub load at 4-6 feet with flame length and fire spread being extremely high. Hwy. 4 borders the project to the North and is a common source of fire ignitions. The New Melones Lake recreation area is to the South, also providing a high potential for ignitions that would ultimately threaten the subdivision.</p> <p>This project would consist of roadside</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					brushing along the roadways in the subdivision. The brushing would remove brush along the 20' easement on each side of the roadway or to a fence line, whichever is closest, along with limbing trees of their ladder fuels and dead limbs. There are approximately 100 residences in this subdivision and the completed treated acreage would be approximately 100 acres.
21-FP-TCU-0328	Calaveras Foothills Fire Safe Council	Angels Camp Historic Downtown Protection Fuel Break	Calaveras	\$990,740.00	<p>Angels Camp Historic Downtown Protection Fuel Break is the length of the City of Angels Camp on the westside of the city and large pocket field areas in the City which is 450-acre project. Area will cover both city property and private property. Approximately 3000 homes and structures collectively are in the City limit.</p> <p>Proposed treatments will eliminate the vertical and horizontal continuity of vegetative fuels for the purpose of reducing the rate of fire spread and avoiding crown fires. Treatments include 445 acres of mastication and biomass removal within the boundaries of the project, with 30 acres planned for handwork near watercourses or sensitive areas, and areas with concentrations of large diameter tree thinning.</p> <p>Historically fire threats to Historic Downtown City of Angels have been in</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>large landscape fields and outside city limits. By establishing and rehabilitating historic fire roads and breaks along with fuel treatment, the City will be able to be aggressive in suppression attacks to protect Historic City of Angels Camp. Butte Fire of 2017 threaten the City limits, 2020 O’Riely Fire threaten Historic Downtown Angels Camp and critical infrastructure. Darby and Old Gulch Fire threaten critical water sources to the City and surround areas limiting access to water for suppression. Funding access to water sources would assist in suppression efforts and limiting the pressure of water storages in current droughts.</p>
21-FP-BDU-0005	De Benneville Pines, Inc	Fire Prevention at De Benneville Pines	San Bernardino	\$152,165.00	<p>Oaks, Ca. in the San Bernardino National Forest bordering the San Gorgonio Wilderness Area at an elevation of 7,000 ft. Camp includes 13 habitable structures as well as an outdoor Pavilion, bathhouse, pool, amphitheater, maintenance yard and other activity areas located on 17.1 acres. Camp serves over 4000 attendees each year representing 14,000 person days in camp. It is a viable and important organizational camp (501c3), and a USFS permit holder since 1961. The facility maintains many of its original structures and strives to allow nature to be its greatest asset. Improvements</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					to the oldest Cabins adding handicapped access, modernizing bathrooms and cooking facilities has been accomplished. This Hazardous Fuels Reduction Project will remove dead trees, remove ladder fuels, clean out low brush in the entire 17 acres plus extend into surrounding forest for an additional 8 acres pending USDA approval.
21-FP-LAC-0343	Wildlife Waystation	Wildlife Waystation	Los Angeles	\$15,000.00	The Wildlife Waystation is a 501(c)3 non-profit exotic animal sanctuary that has slowly started to wind down, however remains fully functioning as we care for the 18 chimpanzees and 2 wolf-hybrids while their new sanctuary homes expand to accommodate them. Located at 14831 Little Tujunga Canyon Rd, Sylmar, 91342, the sanctuary is in prime wildfire area and has already fought through the Station Fire, Sand Fire and Creek Fire in the past years. We are closing down partially due to funding issues, therefore need financial assistance with proper brush clearance in order to properly prepare for fire threats. Much of the facility is not being used, and we are focusing only on the structures and locations necessary. Those include the office, the hospital, the kitchen, the chimpanzee shed, and the animal enclosures with current residents, which have all been moved to a consolidated area near the hospital.

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					Removal of hazardous fuel is our main concern.
21-FP-LAC-0329	City of Rolling Hills Estates	Hawthorne Blvd. Fuel Reduction Project	Los Angeles	\$13,380.00	<p>The Hawthorne Blvd. Fuel Reduction Project aims to reduce hazardous fuels and greenhouse gas emissions by providing for needed brush clearance and removal of dead, dying and overgrown vegetation (non-native yucca plants, broken tree limbs, and other dry brush) from the roadside area of a highly traveled thoroughfare on the Palos Verdes Peninsula. The road serves as a main egress and ingress route for four cities in which there are limited evacuation routes in the specific area due to the geography (peninsula). The roadside of this project has been subject to spot fires over the last several years due to sparks of metal chains of trailered vehicles, backfiring of vehicles, car accidents, and utility lines since the dense dry vegetation is only a couple of feet from the road. Historically, the City of Rolling Hills Estates has had no significant fuel reduction at the project location since in incorporation of the City in 1957. The City is located in the Very High Fire Hazard Severity Zone as designated by CAL FIRE. The potential for more fires are of grave concern for the neighborhood that abuts the roadside, and for the entire Peninsula community and first responders that depend on this</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					roadway to remain safe and clear of hazardous fuels and greenhouse gas emissions.
21-FP-TGU-0236	Orland Volunteer Fire Department	Stony Creek Hazardous Fuels Reductions Project	Glenn*	\$2,728,560.00	We are asking for this grant to remove 600 acres of the highly flammable vegetation Arundo and Tamarix from Stony Creek. The removal of the ladder fuels will decrease the risk of crown fires and reduce wildfire intensity and rate of fire spread north of Orland in Stony Creek between Highway 99 West and County Road P in our wildland urban interface (WUI). The Stony Creek Hazardous Fuels Reduction Project in Orland, California is located one hundred miles north of Sacramento on Interstate 5. The community consists of 8,200 people in four sq. miles directly south of Stony Creek. An additional 7,000 citizens reside in the immediate Orland area next to the State Responsibility Area. There are over 1,500 homes under direct threat in the (WUI) and another 1,000 homes within the fire path in the city alone. Utilizing our bulldozer and transport we will make access roads and pile biomass for destruction. The project provides hazardous fuels reduction benefits to all the homes in the Stony Creek corridor in the western portion of the lower Stony Creek corridor. This grant will be the first phase of Arundo removal from all the Stony Creek corridor; 600 acres

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>this year and we are working with our resource conservation district to continue the removal until all the Stony Creek corridor is clear of invasive vegetation.</p> <p>Year after year wind driven fires in Stony Creek have threatened the city and required an average of ten neighboring fire departments for each incident. This project originated from the Glenn County Resource Conservation District Community Wildfire Protection Plan recommendations and the Tehama-Glenn Fire Safe Council recommendation for hazardous fuels reduction in Orland and Glenn County. Our Glenn County stakeholders observed that wildfire issues were focused in the Lower Stony Creek corridor from Black Butte Lake to the Sacramento River. The Lower Stony Creek corridor and City of Orland are in the LRA which directly connects to the SRA to the West and North. The Lower Stony Creek corridor interfaces directly north of the City of Orland. Our fire department has a 128 sq. mile jurisdiction which includes Fire Hazard Severity Zones of very high, high and moderate in the SRA to the North and West. We also have the FRA at Black Butte Lake in our jurisdiction. Although Orland is not currently on the National Registry of Fire Threatened</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>Communities, was first determined to be at risk by CAL FIRE during development of the 2011 Tehama-Glenn Unit Fire Management Plan. Orland was a Hazard Level 2, which is at a moderate threat.</p> <p>Our project will use two excavators with masticator heads to mechanically remove approximately 600 acres of hazardous vegetation. The plan is to cut down the invasive vegetation from Highway 99 West to County Road P in Stony Creek. We will then apply the appropriate herbicide with UTV sprayers to the hazardous vegetation sprouts, preventing regermination and reducing biomass. Among the hazardous vegetation are the highly flammable invasive fuels Arundo and Tamarix. Arundo and Tamarix removal have been studied for years and there is no one good method of removal. The most effective invasive vegetation removal techniques is to cut the vegetation using the masticator and then apply an herbicide to the new growth. Reducing the biomass reduces fire fuel load is beneficial for the citizens, firefighters, the CWPP and the CAL FIRE unit fire plan. It is significantly more cost effective and allows for a successful eradication for us to operate the equipment and maintain it than to hire a vegetation removal contractor.</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
21-FP-VNC-0144	Ojai Valley Land Conservancy	Programmatic Permits for Arundo Removal to Reduce Fuel Load in UVRW	Ventura*	\$859,913.80	<p>The Ojai Valley Land Conservancy (OVLC) proposes a mixed planning and implementation project. First, OVLC and our partners will utilize recent 2021 high resolution mapping to obtain general permits and programmatic CEQA for Giant Reed (<i>Arundo donax</i>) (hereinafter “Arundo”) eradication in the Upper Ventura River Watershed (Attachment A, Figure 2). Next, OVLC will also implement a hazardous fuel reduction project to remove 14.3 acres of dense Arundo stands from Foster Park, a County Park located within an SRA Very High Fire Hazard Severity Zone in Ventura County (Attachment A, Figure 3). The total project cost is \$777,413.80 - with \$379,773.80 requested for planning and \$397,640.00 requested for implementation.</p> <p>The proposed project is a collaborative effort between OVLC, the Ventura County Resource Conservation District (RCD), Pax Environmental, Inc. (Pax), and Ventura County Parks Department (County Parks). OVLC will work with RCD and Pax to obtain general permits and programmatic CEQA coverage to dramatically expedite the eradication of the remaining 69 acres of Arundo in the upper watershed that present an extreme fire hazard to vulnerable communities in the Wildland-Urban Interface (WUI). In</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>support of this collaborative, watershed-scale effort, the California Department of Fish and Wildlife has agreed to take an advisory role in guiding partners through the new expedited environmental review and permitting pathways available through California Natural Resources Agency's Cutting the Green Tape Initiative.</p> <p>Arundo is an aggressive invasive grass that infests and sometimes dominates the riparian ecosystems of Southern California watersheds including the Ventura River. It is a noxious weed that the California Invasive Plant Council (Cal-IPC) states "has severe ecological impacts on ecosystems, plant and animal communities, and vegetational structure." More specifically, invasive Arundo can grow as high as 30 feet tall and form dense stands that displace native vegetation, reduce wildlife habitat, deplete water supplies, interfere with flood control, diminish riparian function, and severely increase fire risks. While healthy riparian corridors typically function as fuel breaks that change fire behavior, the biology and physical structure of Arundo facilitates the spread of large, high-intensity fires. Because Arundo is highly productive, it retains little moisture and generates large amounts</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>of dry biomass that increases the intensity of fire. This high productivity results in tall, dense stands intermixed with large amounts of dead biomass, which can facilitate the spread of fire higher into the canopy and increase the risk of ignition by significant ember cast. Additionally, areas with Arundo infestation create favorable conditions for homeless encampments. Dense stands provide privacy and shelter near water supplies, and fires are often ignited because of human activities such as cooking and smoking. This creates hazards for firefighters who must take additional precautions to evacuate the area if a fire is ignited in or near the Arundo. Arundo eradication eliminates these explosive fuel loads and restores the ecological functions of healthy riparian corridors at a watershed scale, which is especially important for WUI communities in the Upper Ventura River Watershed.</p> <p>The project builds upon drone surveys conducted by OVLC in 2021. OVLC used grant funds from the Wildlife Conservation Board Ventura River Instream Flow Program (VRIF) to collect high-resolution drone imagery of Arundo infestations in the Upper Ventura River Watershed. This imagery was used to map the upper reaches of the Ventura River and its</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>associated tributaries San Antonio Creek, Lion Creek, Thacher Creek, and Reeves Creek (Attachment A, Figure 1). OVLC surveyed 36.4 miles of riparian corridor and identified 69 acres of Arundo remaining in the Upper Watershed (Table 1). Programmatic permitting will leverage this mapping to expedite Arundo removal at the watershed scale and tie directly to implementation by facilitating the removal of 14.3 acres of Arundo from the County’s Foster Park.</p> <p>Table 1: Results of drone surveys conducted in 2021 – OVLC surveyed 36.4 miles of riparian corridors and identified 69.0 acres of Arundo (Arundo donax) remaining in the upper watershed.</p> <p>Waterway Distance Surveyed (River Miles) Arundo Identified (Acres)</p> <p>Ventura River 10.9 53.2 San Antonio Creek 9.9 12.2 Lion Creek 8.7 3.6 Thacher Creek 4.3 0.0 Reeves Creek 2.6 0.0 Upper Watershed (Total) 36.4 69.0</p> <p>Included with this application are detailed maps (Attachment A) and signed letters of support for the project (Attachment B). High-resolution riparian corridor maps and Arundo identification layers can be viewed through OVLC’s ArcGIS Data Viewer</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					(login: OVLC_guest; password: Arundo_2021). Geo Point and Polygon submitted to CAL FIRE FP Grants Mapping Hub. Shapefiles will be provided upon request.
21-FP-TCU-0075	East Stanislaus Fire Safe Council	Knights Ferry Fuel Project	Stanislaus	\$136,186.00	The proposed Knights Ferry fuel project is a targeted hazardous fuel reduction project that is 11.50 acres in size and is strategically located in the historical community of Knights Ferry. In July of the 1989 fire season, a vegetation fire started in the community of Knights Ferry along Sonora Rd below the Knights Ferry Elementary School. The fire immediately threatened the school and numerous residential structures adjacent to the school. The fire was contained to approximately 20 acres after damaging several buildings and threatening a large number of residential structures in the community. The proposed roadside brushing and thinning project will reduce hazardous fuels along the roadways in these key locations to reduce wildfire intensity and rates of spread. The modification of hazardous fuels adjacent to the roadways will improve public safety for the egress of evacuating civilians and ingress of responding emergency personnel. The proposed fuel project will also protect the students/staff at the Knights Ferry Elementary School. The overall project

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					area is within the State Responsibility Area (SRA) in the Cal Fire Tuolumne/Calaveras Unit and will be added to the Unit Strategic Fire Plan in 2022. The project will directly benefit the residents of the community, elementary school (students/staff), the general public, historical district, and approximately 40 habitable structures.
21-FP-VNC-0344	Community Foundation for Oak Park	Oak Park Wildfire Risk Assessment	Ventura	\$9,700.00	This proposal is for the development of a Community Wildfire Risk Assessment (WRA) that can be a foundational piece to the development of a Community Wildfire Protection Plan (CWPP) for Oak Park. The risk assessment process is critical in developing a CWPP, which will identify areas at risk and prioritize mitigation projects. This proposed Community Wildfire Risk Assessment for the community of Oak Park will be performed by Sure-Fire Training, a well respected and experienced firm in this area. The work will take place in Oak Park, CA and include approximately 5400 residential structures, and associated commercial structures. Total area including LRA, FRA and SRA is approximately 8,560 acres.
21-FP-ORC-0348	California Fire Museum & Safety Learning Center	Fire Safety: Prevention to Invention	Orange	\$25,000.00	The California Fire Museum & Safety Learning Center's Prevention to Invention program educates community members on how to prevent wildfires through home-

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					hardening, community clean-up, planting of fire-resistant plants and trees, vegetation management, and knowledge of the region's fire management and evacuation plan. In addition to fire prevention education, participants will be encouraged to participate in an interactive presentation that empowers each community member to take part in their community's wildfire planning & prevention meetings and projects.
21-FP-KRN-0266	Kern Fire Safe Council (formally know as Mt. Pinos Communities Fire	Kern Fire Safe Council Fire Education House	Kern*	\$30,265.82	The inflatable fire education house will be a major complement to our education efforts by drawing in children/families at community events and local schools, it can be set up indoors and outdoors. The house is comprised of three rooms: a kitchen, a living space, and an exit area. Up to date internal banners covering topics such as kitchen safety, fireplace & candle safety, and exit drills in the home (E.D.I.T.H). There is even an inflated landing pad so the kids can practice climbing out the window. The children will lead their families to the structure, that looks like a bouncy house used at parties, which will allow us to invite them into the house to meet with a Kern County firefighter who, along with the Kern Fire Safe Council's volunteer education team, will walk them through the house and provide lessons on the tour. At the end

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					of the tour, they will receive a variety of educational and preparedness materials. The house is American with Disabilities Act (ADA) compliant. Persons with disabilities and the elderly are at highest risk for fire. We want to provide access for everyone, especially those at highest risk.
21-FP-MVU-0008	Poway Neighborhood Emergency Corps	PNEC & FSC Enhanced Community Educational Outreach	San Diego	\$79,659.00	During the award period we will enhance our wildfire prevention and safety educational outreach with a strong social media campaign and further our collaborative engagement. Our goal is to increase our audience reach within Poway as well as reach residents in the rural and surrounding communities affected by the historical fire pathways that also affected Poway. Our messaging will include educational and promotional material distributed at community events as well as bi-monthly social media messaging of media posts and short video clips. The target audience is the Poway community and its residents as well as residents in the surrounding area. Poway is designated a Very High Fire Hazard Zone as well as some of its neighboring communities. Poway is approximately 39.16 square miles which is 25,062.4 acres.
21-FP-FKU-0108	Alisa Ann Ruch Burn Foundation	Wildfire Preparedness Program	Fresno*	\$66,547.00	The mission of the Alisa Ann Ruch Burn Foundation (AARBF) is to significantly reduce the number of burn

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>injuries through prevention education and to enhance the quality of life of those affected by burn injuries in California. We promote prevention education by distributing prevention materials at community events; we teach prevention skills at elementary schools with the help of active firefighters who volunteer to present our materials; we help organizations implement custom prevention programs; we support burn survivors of all ages through burn camps, retreats, and events; and we provide in-hospital support, a school re-entry program, and peer support groups. This project proposes to sustain and increase our burn prevention education outreach to families in Coalinga, Shaver’s Lake, and Piedra, CA, and surrounding areas of Fresno County, by: 1) Publishing and distributing 1,000 copies of AARBF’s children’s book, “The Johnsons P.R.E.P.A.R.E. for a Wildfire,” which focuses on wildfire and burn prevention for children and their families; 2) Publishing 5,000 copies of our Wildfire P.R.E.P.A.R.E. guide to distribute to homeowners in the target communities; 3) Offering free online Wildfire P.R.E.P.A.R.E. guides to approximately 5,000 individuals throughout Fresno County; and, 4) Printing and distributing 1,000 Wildfire</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications					
Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					P.R.E.P.A.R.E. posters for fire departments, schools, and community centers located in and around the three geographic focus areas. This project will affect approximately 10,000 individuals, in a geographic area with approximately 6,500 habitable structures.
21-FP-LAC-0081	Emergency Preparedness in Calabasas - a Fire Safe Council	HIZE Education and Outreach	Los Angeles	\$72,250.00	EPIC-FSC is an education and outreach 501c3 organization which is proposing to expand its efforts in educating and assisting homeowners in Calabasas to prepare their homes to defend against wildfires. Our efforts will include, but not be limited to, Home Ignition Zone Evaluations (HIZE).
21-FP-ORC-0030	City of Lake Forest	Lake Forest LHMP Wildfire Prevention	Orange*	\$82,000.00	Creating a new Local Hazard Mitigation Plan (LHMP) for the City of Lake Forest will provide clear direction for hazard mitigation action planning. The City of Lake Forest is home to 30,244 residential structures; 5,357 are in the Very High Fire Zone. The development of the LHMP benefits residents and businesses within the 16.6 square miles, equivalent to 10,624 acres, of City boundaries. A selected consultant will develop a new plan from initial planning through final approval by FEMA and adoption by the City. The consultant shall perform all necessary planning, administration, professional analysis, supporting documentation, and work required for

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					the mitigation plan in full compliance with the requirements of the Disaster Mitigation Action of 2000, 44 CFR 201 (Planning) and Part 200 (uniform Administrative Requirements), Senate Bill 379 and the FEMA Local Mitigation Planning Handbook March 2013.
21-FP-TCU-0036	Calaveras Foothills Fire Safe Council	WPFDF Pre-Fire Mapping Project	Calaveras*	\$107,708.80	<p>The West Point Fire District's (WPFDF) Pre-Fire Mapping Project (the Project) will produce wildland fire pre-fire hard-copy and digital maps with text modeled after the completed Central Calaveras Pre-Attack Map Phase 1 (14-SRA-HF-01-0076). The Project will cover the approximately 108 square miles and 68,832 acres of the entire WPFDF including the communities of West Point, Wilseyville and Sandy Gulch within the Cal Fire Tuolumne-Calaveras Unit (TCU).</p> <p>The Project will create a multi-faceted tool designed to help reduce initial attack response times, increase situational awareness, enhance the public and responder's safety and support tactical operations thereby contributing to a reduction of habitable structure and community infrastructure loss and environmental damage. The Project will reduce the associated production of greenhouse gas emissions due to wildland fire by enabling fire personnel faster access, thus suppression of a fire start. The Project will produce a 3' X 2' two-sided</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>paper map depicting the locations of approximately 1,400 habitable structures, private access roads, public roads, topography, vegetation types (conifer forests, oak woodland, chaparral), water sources, community infrastructure, ICS functional areas, water courses and special hazards (i.e. high tree-mortality areas). The map pages will be focused on the needs of Company Officers and their crews and will include text on wildland fire safety, situational awareness, tactical operations information, and WPFD-specific challenges in briefing format. In addition to the paper product, digital versions of the map and briefings (downloadable via QR code) will be made available online for fire resources. Once downloaded, the map is usable in the field in real time, without the need for network connectivity, when used with applications such as Avenza Maps. When completed, the WPFD Project will meet the District's goal of providing wildland fire Pre-Fire Plan coverage of the entire West Point Fire Protection District and continue the Calaveras Foothills Fire Safe Council goal of creating a connected network of County Fire District pre-fire plans.</p>
21-FP-TCU-0037	Calaveras Foothills Fire Safe Council	MFPD Pre-Fire Mapping Project	Calaveras*	\$107,708.80	The Murphys Fire Protection District (MFPD) Pre-Fire Mapping Project (the Project) will produce wildland fire pre-

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>fire hard-copy and digital maps with text modeled after the completed Central Calaveras Pre-Attack Map Phase 1 (14-SRA-HF-01-0076). The Project will cover the approximately 47 square miles and 30,000 acres of the entire MFPD including the communities of Murphys, Vallecito and Douglas Flat within the Cal Fire Tuolumne-Calaveras Unit (TCU). The Project will create a multi-faceted tool designed to help reduce initial attack response times, increase situational awareness, enhance the public and responder's safety and support tactical operations thereby contributing to a reduction of habitable structure and community infrastructure loss and environmental damage. The Project will reduce the associated production of greenhouse gas emissions due to wildland fire by enabling fire personnel faster access, thus suppression of a fire start. The Project will produce a 3' X 2' two-sided paper map depicting the locations of approximately 1,400 habitable structures, private access roads, public roads, topography, vegetation types (conifer forests, oak woodland, chaparral), water sources, community infrastructure, ICS functional areas, water courses and special hazards (i.e. high tree-mortality areas). The map pages will be focused on the</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>needs of Company Officers and their crews and will include text on wildland fire safety, situational awareness, tactical operations information, and MPFD-specific challenges in briefing format. In addition to the paper product, digital versions of the map and briefings (downloadable via QR code) will be made available online for fire resources. Once downloaded, the map is usable in the field in real time, without the need for network connectivity, when used with applications such as Avenza Maps. When completed, the MPFD Project will meet the District’s goal of providing wildland fire Pre-Fire Plan coverage of the entire Murphys Fire Protection District and continue the Calaveras Foothills Fire Safe Council goal of creating a connected network of County Fire District pre-fire plans.</p>
21-FP-AEU-0301	Forestry Educators Incorporated	2022 Forestry Challenge	El Dorado*	\$114,136.00	<p>The Forestry Challenge is an academic competition for high school students in technical forestry and current forestry topics. Participants spend four days in the forest learning about the ecology and management of the forested landscapes that provide communities with water, recreational opportunities, and wood products. The purpose of the Forestry Challenge is to immerse youth in a rigorous educational experience in a forest environment near their respective</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>communities. At each event, located in a different forest type and typically attended by schools from that area, a focus topic is presented that is specific to the regulation or management of the forest in that location. Participation in 2021 included 200 students and 48 teachers from 32 schools, as well as 93 volunteers who contributed over 1,600 hours of time. This proposal is based on building our participation numbers back to pre-pandemic (2019) levels, which were 403 students and 88 teachers from 60 schools. The 2022-2023 academic year event dates are: Shasta Forestry Challenge: Sept. 28 to October 1, Mountain Meadows Camp near Shingletown; Santa Cruz Forestry Challenge: October 12 to 15, Redwood Glen near Loma Mar; El Dorado Forestry Challenge: October 26 to 29, Leoni Meadows Camp near Placerville; San Bernardino Forestry Challenge: November 9 to 12, Hume SoCal near Green Valley Lake 2022-2023 Forestry Challenge Championship: April 2023, Camp Sylvester in Pinecrest</p>
21-FP-LNU-0247	Fire Safe Sonoma	DMMW Fuel Breaks and PODs Planning	Sonoma	\$176,225.00	<p>Upper Mark West Fire Safe Council and Diamond Mountain Fire Safe Council have been working for three years with the Sonoma and Napa Resource Conservation Districts, Fire Safe Sonoma, and Taking Action for Living Systems (TALS) and in a</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>coalition called DMMW (for Diamond Mt. to Mark West). The DMMW coalition determined after extensive discussion, review of all relevant CWPPs, and consultation with CAL FIRE representatives to prioritize creating the DMMW Fuel breaks and P.O.Ds Planning project. The goals of the project are to 1) improve fire control, public safety, and protection of communities and infrastructure with three shaded fuel breaks, 2) to organize and implement large scale cooperative forest stewardship to reduce high intensity wildfire and improve forest ecology and climate resilience, 3) to sustain and improve critically endangered Coho and Steelhead Salmon in the Mark West Creek watershed, and 4) support landowners through a planning process that provides them with the needed information and tools to manage and sustain lower fire risk, and an ecologically healthy landscape. The project area totals 9,222 acres and includes 550 parcels, 821 building footprints, and approximately 500 habitable structures. It encompasses most of the upper watershed of Mark West Creek. This area is within the critical fire corridor between Calistoga/St. Helena in Napa County and Santa Rosa in Sonoma County within the upper ridges of the Central</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>Mayacamas Mountains. A substantial portion of the area burned in the 2020 Glass Fire, but the communities of Sharp Road and Gates Road, which the project seeks to protect, are in an unburned area between the 2017 Tubbs Fire and the 2020 Glass Fire perimeters. The DMMW project will plan two shaded fuel breaks, Sharp Rd between Kortum Canyon and Diamond Mountain Road, and Kings Hill Ridge, and develop a community scale forest stewardship plan that identifies and plans P.O.Ds (Potential Operational Delineations) accompanied by a programmatic EIR utilizing the PEIR of CAL VTP.</p>
21-FP-VNC-0189	Ventura County Fire Protection District	VNC Fuels Reduction Equipment	Ventura*	\$196,436.20	<p>The project proposal is requesting \$196,436.20 in funding for equipment including a small skid steer with masticator/mulching head & attachments chainsaws, and pole saws. The equipment will be utilized by the Ventura County Fire Departments (VCFD) Wildland Division hand crews and heavy equipment operators to assist in completing wildfire prevention and fuels reduction projects countywide. Much of the areas needing fuel mitigation require minimum impact rubber tread instead of metal treads in the Wildland Urban Interface (WUI) areas requiring precision fuel removal requiring the utmost care to preserve</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>environmentally sensitive areas and hence a small maneuverable skid steer. The annual targeted work benefits the low income, disadvantaged communities, elderly populations, and river bottoms utilized by a host of endangered and protected species. The preventative work performed will provide protection to 846,000 residents within Ventura County, while benefitting over 353,370 acres (552 square miles) of SRA and thousands of acres directly adjacent to the SRA in LRA. Additionally, the proposal will provide wildfire resiliency for 286,000 residential units and 13,700 businesses (mostly in the WUI or captured within the one-mile ember zone), preserve agricultural assets, and support the Wildfire Prevention missions in our Ventura County Local Hazard Mitigation Plan which includes the protection of over 1,000 identified critical infrastructure sites. The routine maintenance of the equipment will be provided by our Vehicle Maintenance Unit and annual checkup by local dealers to provide a life expectancy of 25 years for the skid steer and associated major components. VCFD will strictly adhere to procurement policies, reporting, and conform to the requirements of the grant during and after the performance period.</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
21-FP-BDU-0147	Breathe Southern California	Fontana Fire Prevention Education Project	San Bernardino*	\$200,884.60	<p>The Fontana Fire Prevention Education Project will reduce the threat of wildfires to people and structures across the 42-acre Fontana community. This area is home to more than 200,000 individuals, 50,000 households, nearly 14,000 businesses, 50 parks, 49 playgrounds, and 14 recreation centers. Our proposal includes four components over a two-year period: 1) creation of educational videos in English and Spanish about wildfire prevention and risk reduction for use in Fontana schools; 2) fire prevention and mitigation events with fire mitigation activities and workshops for families living in and around Fontana; 3) fire prevention-related community service projects for teens as part of a Teen Environmental Leadership Program; and 4) wildfire safety tips on social media and Spanish radio. Our primary educational goals include increased awareness about the climate feedback loop that leads to increased wildfire risk, increased number of homes that will implement at least one recommendation to minimize structure loss, and increased number of families who plan to take at least one preparedness step to stay safe in the event of a wildfire emergency.</p>
21-FP-LAC-0091	San Gabriel Valley Council	San Gabriel Valley Wildfire Adaptation	Los Angeles*	\$250,468.50	<p>Implemented and led by the San Gabriel Valley Council of Governments</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
	of Governments	and Prevention Outreach Program			(SGVCOG), the San Gabriel Valley Wildfire Adaptation and Prevention Outreach Program would provide wildfire prevention and adaptation public outreach and education activities for 31 cities and 28 unincorporated communities in the SGVCOG’s jurisdiction. Under this Program, SGVCOG staff would disseminate information and resources to local residents, businesses, local community organizations, and schools through various channels. Activities would include hosting wildfire prevention workshops and training sessions, participating in and boothing at community pop-up events, developing social media marketing toolkits, launching awareness campaigns, and maintaining a regional webpage that includes important and relevant wildfire adaptation and prevention information.
21-FP-VNC-0083	Future Laboratories	Los Padres Fire Detection System	Ventura*	\$250,000.00	Advancing the public good through innovation and education. Activities include testing, improving, inventing, and scaling solutions for the benefit of nonprofits and government entities. Also, helping to support the economic vitality of our local region by helping to attract entrepreneurs and educational partners to promote and foster job creation and financial security for our community. We are problem-solvers for social good. Most real challenges

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications					
Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					are multi-faceted and require complex analysis and simultaneous solutions. While our work ranges from addressing environmental challenges, health risks, food security issues, homeland and border security, data collection and analysis, R&D, and nonprofit back-office support, the central theme is our ability to bring together a wide range of volunteers committed to solving problems for the social good.
21-FP-RRU-0352	California Inland Empire Council / BSA	BE PREPARED	Riverside	\$275,314.00	We will engage the communities of San Bernadino and Riverside Counties to inform, educate and update about wildfire prevention. The initiative will have a robust engagement with the community and will involve them in education meetings, informational webinars, promotional literature, and events. The project will also provide job training to youth from Fire Explorer Program. The project will leverage a relationship with the local Community groups and Scout units to achieve results.
21-FP-SLU-0271	San Luis Obispo County Fire Safe Council	SLO County Planning Projects	San Luis Obispo*	\$441,686.78	The SLO County Fire Planning Project will build on the Countywide CWPP Strategic Plan and CAL FIRE-SLU Unit Fire Plan to develop detailed fire prevention plans for eleven (11) fuel treatment and hazard reduction projects in San Luis Obispo County.
21-FP-VNC-0163	Ventura Land Trust	Hall Canyon Wildfire Prevention Planning	Ventura	\$38,611.00	The Hall Canyon Vegetation Management project proposes the

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					development of a vegetation management plan for the treatment of approximately 5 acres of the wildland urban interface. The project area falls within the City of Ventura, however it is the last parcel separating City limits from unincorporated Ventura County and is made up of the Wildland Urban Interface. Roughly 30 residential structures sit directly adjacent to the proposed treatment area, with approximately 250 residential structures within a quarter mile of the proposed project site.
21-FP-LAC-0330	Resource Conservation District of the Santa Monica Mountains	Home Ignition Zone Evaluation Program (HIZEP)	Los Angeles	\$448,285.00	This application is to provide continuous funding for the existing Home Ignition Zone Evaluation Program (HIZEP) currently available to homeowners and residents of Los Angeles County and Simi Hills. Initially created in 2011 by the North Topanga Canyon Fire Safe Council, the HIZEP is a successful community wildfire preparedness program that has allowed communities across the Santa Monica Mountains to become more knowledgeable about home hardening and defensible space. Since 2020, the program has transitioned to the Resource Conservation District of the Santa Monica Mountains (RCDSMM) that has been able to scale up the program to serve more homeowners and residents. Since September 2020, the RCDSMM has performed 265

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>home evaluations (as of January 2022, see Map 1). Communities served include Agoura Hills (27 home evaluations performed), Calabasas (45), Canoga Park (1), Chatsworth (2), Cornell (1), Encino (4), Hidden Hills (17), Los Angeles (21), Malibu (1), Oak Park (8), Pacific Palisades (28), Simi Valley (5), Tarzana (3), Thousand Oaks (2), Topanga (69), West Hills (4), and Westlake Village (27). In addition to 265 evaluations, the RCDSMM organized a Home Ignition Zone Training in October 2021 to train new volunteers to perform home evaluations in their communities. Our goal is to continue scaling up this successful program by providing free evaluations and training opportunities to create local team of trained volunteers working to prevent wildfire and ignition from embers. A home ignition zone evaluation is a review of the vulnerability of the house and landscape to wildfire and ember-ignition. During this assessment, a trained evaluator -either RCDSMM staff or trained volunteers- will review defensible space and home hardening principles and make specific recommendations based on a homeowner's property. Evaluations take about 45 to 60 minutes to complete. A summary of all the recommendations (see evaluation</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>report on Figure 1 and Figure 2) along with additional resources and materials (usually includes links to RCDSMM-developed platform www.defensiblespace.org, and fact sheets from the National Fire Protection Association) are provided at the end of the evaluation. The homeowner is under no obligation to complete any of the recommendations, though RCDSMM staff follow up to find out if the homeowner decided to do any of the improvements, and if not, what barriers to completion the homeowner encountered. RCDSMM staff uses this information to determine what incentive programs might be developed to help homeowners to complete more of these ignition-resisting improvements. A HIZ Training is a 1.5-day training that the RCDSMM developed in partnership with NFPA Certified Wildfire Mitigation Specialist, Pat Durland. Pat has a degree in natural resource management and 40+ years of wildland fire experience. He was a member of the national team that founded the popular Firewise program, and he co-developed the NFPA wildfire mitigation training in 2005. He is a nationally respected and internationally known expert in wildland fire planning and wildfire mitigation and training programs. His</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>dedication to wildfire mitigation has helped thousands of residents and emergency responders in understanding and applying effective wildfire loss strategies. In October 2021, we designed a training program with Pat including two live virtual sessions on Zoom (2 to 3 hours each) and one field session (3 to 4 hours) at a home volunteered by a local homeowner. During this training session, we trained about 25 people and 6 became regular evaluators, increasing the capacity of the program. This application will provide continuous funding to the HIZEP program. Our objectives include: Keep providing home evaluations free of charge to homeowners and resident of Los Angeles County and Simi Hills. We plan to perform 1,000 evaluations between October 1, 2022, and December 31, 2025: 500 evaluations performed by RCDSMM staff. This is about 10 to 15 evaluations per month. Between September 2020 and January 2022, we performed about 15 evaluations per month; 500 evaluations performed by trained volunteers. Evaluations by volunteers are performed in pairs. Keep providing free training opportunities to become a trained HIZ evaluator. We plan to offer 12 training sessions following the same model as the session organized</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>in October 2021. The sessions will be organized in Spring 2023 (2 sessions), Summer 2023 (2 sessions), Spring 2024 (2 sessions), Summer 2024 (2 sessions), Spring 2025 (2 sessions) and Summer 2025 (2 sessions). Continue the collection of highly valuable data regarding the most common home hardening and defensible space vulnerabilities in various communities across the region. Use the data collected to identify barriers faced by homeowners to mitigate vulnerabilities identified in their home evaluation report, and design new programs to address those vulnerabilities.</p>
21-FP-VNC-0261	VENTURA COUNTY RESOURCE CONSERVATION DISTRICT	Ventura County PBA, Rx Fire Training Academy & Collaborative Chipper	Ventura*	\$2,012,330.26	<p>Extreme wildfire, prolonged drought, and severe rainfall are impacts of climate change that are happening now. These impacts are affecting the health and safety of wildlands and communities in California and throughout the world, manifesting themselves into large, devastating fast-moving wildfires. Particularly, in Ventura County, the severity of these events has impacted a variety of landowners, from residential homes to agricultural landscapes. These impacts reach even further through the loss of critical ecosystem services, such as soil moisture, carbon sequestration, and important/sensitive habitat. The Ventura County</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>Prescribed Burn Association, VCPBA Prescribed Fire Training Academy, & Collaborative Chipper Effort (VCPBA, vcrd.org/vcpba) project herein referred to as “Project”, is an effort that aims to mitigate the threat of wildland fires to habitable structures and communities in Ventura County, and by association, build resilience to reduce the threat to life and ultimately the impacts of climate change. The Prescribed Burn Association will collectively and holistically work with local, state, and regional agencies and landowners to achieve its mission: “The mission of the Ventura County Prescribed Burn Association (VCPBA) is to provide the tools, training, education, and resources to conduct prescribed burns in a safe and effective manner that will reduce the threat of devastating uncontrolled wildfires. The VCPBA will utilize prescribed fire to enable participants to better manage their open space for the betterment of wildlife habitat and reduced public threat. The group is made up of dedicated private landowners, land trusts, County of Ventura Fire Department, and other private/public partnerships.” In addition, this Project is requesting funding to facilitate hazardous fuel reduction efforts throughout the County of Ventura. This would be a</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>separate, but complementary effort of the VCPBA, allowing this grant ask to achieve hazardous fuel reduction while building up the structure and governance of the VCPBA. The fuel reduction efforts will be in close partnership with the Ventura Regional Fire Safe Council (VRFSC), on behalf of Ojai Valley Fire Safe Council, and the Ventura County Resource Conservation District (VCRCD); all of which have independent chipper efforts and are proposing to combine these efforts under this grant ask to create a holistic, county-wide, resource-effective chipper program. The collaborative chipper effort, led by the VRFSC, has consulted with the region's Fire Safe Councils to determine their need, all of which was incorporated into this Project ask. These highlighted efforts should provide ample proof of the local commitment, interest, and dedication of not just the VCPBA but that of the community it will be serving. Hence, capacity funding from Cal Fire will bolster the collaboration, partnerships, and effort dramatically, providing funding for essential expenses that are necessary when not only implementing but outreaching and engaging the VCPBA (and the VCPBA Prescribed Fire Training Academy) with the County of Ventura community and</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>professionals; and the greater California Central Coast. Without an influx of Cal Fire funding, the VCPBA risks losing traction as it has been primarily unfunded up to this point in any meaningful way. At the time of this proposal, this will be the furthest southern proposed PBA in the State of California (calpba.org/connect-ca-pba); with that comes unique hurdles from the private, public, and professional communities that have yet to see a PBA of this caliber. Hence, why it is essential that the initial planning of the VCPBA is done holistically and slowly, mitigating any misconceptions and possible missteps while also following and promoting local, regional, and state priorities. To achieve this, the VCPBA will prioritize and facilitate local connections with landowners, ranchers, and public officials to identify priority treatment areas, prepare burn/smoke plans, permit applications, and facilitate necessary CEQA. If funded, this effort will produce two holistic and detailed shovel-ready hazardous fuel reduction projects for an implementation ask at two (2) different strategic locations in the County, discussed in-depth within this Project proposal, amongst a variety of other achievements. It should be noted that this grant ask is primarily for capacity funding of the</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>VCPBA (excluding the Training Academy and the Chipper Effort, discussed later), with no proposed prescribed burns other than necessary training burns for the VCPBA Prescribed Fire Training Academy. Any training burns would collaborate with Ventura County Fires Department and Air Pollution Control District on an as-needed basis, which is yet to be determined.</p> <p>Ventura County Prescribed Burn Association (VCPBA) & Prescribed Fire Training Academy Partners:</p> <ul style="list-style-type: none"> - Ventura County Resource Conservation District – VCPBA/Training Academy Co-lead - University of California Cooperative Extension, Ventura Offices – VCPBA/Training Academy Co-lead - Working on Fire Training Academy LLC – Partner/Contractor - Ventura County Fire Department – Supporting Partner <p>Ventura County Collaborative Chipper Effort Partners:</p> <ul style="list-style-type: none"> - Ventura Regional Fire Safe Council – Lead - Ventura County Resource Conservation District – Project Managers, Assistance & Oversight
21-FP-SHU-0314	City of Redding	City of Redding Fire Risk Reduction Program	Shasta*	\$520,083.00	The proposed City of Redding Community Fire Risk Reduction Program (Program) is a comprehensive approach to engage

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>the community in collaborative long-term wildfire risk reduction and associated greenhouse gas emission avoidance. The program dovetails planning, outreach, and on-the-ground fuel reduction activities so as to maximize community engagement and expedite risk reduction. Building on multiple existing yet separate City planning efforts, the City will develop a Community Wildfire Protection Plan (CWPP) to act as the primary planning document for developing, implementing, and tracking wildfire priorities. A City of Redding interdepartmental fire risk reduction team will be formed to assist in the development of the CWPP, inform a citywide wildfire risk reduction outreach and public involvement strategy, and identify workforce needs. In addition to direct outreach and education activities, community hazardous fuel reduction events will serve as venues to educate and engage the community on fire risk reduction at a community and individual scale while addressing immediate threats to health and safety.</p>
21-FP-BDU-0216	Whitebark Institute of Interdisciplinary Environmental Sciences	Wildfire Prevention in the Eastern Sierra: Visitor Education and Outreach	Mono*	\$670,551.00	The project proposed in this application will launch a comprehensive education and outreach program aimed at visitors throughout the Eastern Sierra region of California, including second

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					<p>homeowners. More than four million people visit the region each year, primarily to recreate. Some of that recreation includes activities that constitute fire hazards, such as campfires, off-roading, and careless use of fireworks. In addition, the recent proliferation of dispersed camping has increased the fire hazard considerably. Since 2006, 50% of human-started wildfires on Forest Service lands have been caused by campfires, according to the U.S. Forest Service and the National Interagency Fire Center. Because all Eastern Sierra communities are surrounded by public land, fire started there threatens communities, habitable structures, and critical watershed functions such as the provision of clean water. The Eastern Sierra historically has had an uncoordinated approach to fire prevention, with limited consistency in messaging. Working in partnership with the recently-initiated “Camp Like a Pro” campaign, the Regional Forest and Fire Capacity Program/Eastern Sierra Wildfire Alliance, the Eastern Sierra Sustainable Recreation Partnership, and CAL FIRE, the main goal of this project is to educate visitors in a comprehensive and coordinated manner about fire prevention measures they can take while they</p>

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					recreate. This education program will take place throughout the three counties of the Eastern Sierra (Inyo, Mono, and Alpine), which constitute almost 9% of the land area of California, with the ultimate desired outcome of a reduction in the number and acreage of human-ignited wildfires in the region, and associated greenhouse gas emissions, which will benefit all communities and populations located therein.
21-FP-LAC-0090	San Gabriel Valley Council of Governments	San Gabriel Valley Regional Community Wildfire Protection Plan	Los Angeles*	\$677,959.00	Implemented and led by the San Gabriel Valley Council of Governments (SGVCOG), this project will prepare and develop a Regional Community Wildfire Protection Plan (CWPP) that can serve as the foundational strategic document that would guide the wildfire adaptation and prevention efforts of the 31 incorporated cities and the dozens of unincorporated communities within the San Gabriel Valley. Of the many communities located in the SGVCOG’s jurisdiction, 22 of them are identified as “Communities at Risk.” The development of a CWPP greatly supports the region to clarify and refine its priorities for the protection of life, property, and critical infrastructure in the San Gabriel Valley’s wildland-urban interface. This project can also lead community members, including elected officials, city staff, community organizations, and residents, through

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications					
Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					valuable discussions on hazard and risk analyses, structural protection assessments, and local preparedness capabilities. Upon completion, a Regional CWPP that includes details on existing challenges, community resources, wildfire hazards, and a Wildfire Adaptation Action Plan will be available to guide the subsequent priority actions to meet the goals, objectives, and targets of the Plan.
21-FP-VNC-0355	California State University Channel Islands (CSUCI) Site Authority	University Glen: 5-Foot Defensible Space 3/4" Rock Installation	Ventura	\$328,600.00	The University Glen Common Area Maintenance (UGCAM) office maintains all landscaping, utilities, and amenities throughout the UG residential community, located in the East Campus of California State University Channel Islands (CSUCI). University Glen currently has adequate reserves to address common area deferred maintenance items. However, with the 0 to 5 feet Defensible Space requirement set forth by California Assembly Bill 38, the reserves of the community will be strained as we strive to meet these requirements by the anticipated compliance date of January 1, 2024 for existing developments.

CAL FIRE California Climate Investments (CCI) Program - FY 2021-22 Wildfire Prevention Grant Applications

Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
21-FP-LNU-0068	Russian River Alliance	Wildfire Readiness Education in Guerneville	Sonoma*	\$64,228.33	FireSafe Guerneville (FSG) plans a wildfire education program to increase awareness of wildfire risk in the resort town of Guerneville, CA. The program will teach residents in a rural community how to adapt to life in wildfire country using a multi-pronged approach. A roadside fire danger sign will help residents and tourists know the current risk of fire in the community. In-person and electronic educational presentations by content experts will address critical concepts to help homeowners understand the role of fire in their local environment, how to harden their homes against ignition by embers, and how to create defensible space in the immediate, intermediate, and extended home ignition zones. Additionally, FSG will provide information on safely evacuating from an active wildfire incident as well as dealing with the emotional trauma of living in a fire prone environment.
Total Number of Applications: 241			Total Amount Requested: \$242,158,718.46		

Information about this report:

- List contains applications for FY 2021-22 CCI Wildfire Prevention Grants.
- The county locations identified in the project may also span multiple counties, CAL FIRE Units and/or Regions.
- Application packages are subject to change due to final agency contract revisions and amendments.
- Wildfire Prevention Grants are generally funded for a 4 - year grant cycle:
 - o The grants work is to be completed by March 15, 2025 (end of the grant cycle).
 - o The grantee is required to submit the final invoices by April 30, 2025.
 - o All the funds will be disencumbered by June 30, 2025.
- The objectives of the Wildfire Prevention Grants Program are to:
 - o Reduce wildfire hazard around communities and infrastructure.
 - o Improved health and resilience of treated areas for increased carbon sequestration.
 - o Support community wildfire planning and facilitate plan implementation.
 - o Improve public awareness and reduce human ignitions.

Wildfire Prevention Grants

- Counties marked with an (*) means that the project is located in a Low Income and /or Disadvantaged Community as defined by SB535 & AB1550.