

**CAL FIRE California Climate Investments (CCI) Program - FY 2018-19 Fire Prevention Grant Awards**

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
18-FP-AEU-1053	Cameron Park Community Services District	Cameron Park Hazardous Fuels Reduction and Fire Prevention Education Projects	El Dorado	\$336,000	The Hazardous Fuels Reduction Project will assist Cameron Park Fire Department in the control of wildfires within the WUI and also facilitate long-term collaborative ecosystem stewardship through treatment of ladder fuels and tree pruning to inhibit vertical fire spread. The Fuel Reduction project will aim to prevent fire starts and make it easier to contain fires that do get established. The fire prevention education project will aim to teach Cameron Park residents and property owners about ways they can help reduce the threat of wildfire through creation of defensible space on their properties among other fire mitigation techniques. Taken together, the fuel reduction and educational efforts intend to reduce the probability of future fire establishment, intensity and severity.
18-FP-BTU-1221	Butte County Fire Safe Council	Camp Fire Fuels Reduction Project	Butte*	\$3,702,029	Fuels Reduction will eliminate vertical and horizontal continuity of vegetation around structures and assets at risk in the WUI. GHG benefits include increasing carbon sequestration in trees and reducing potential of high intensity wildfire emissions.

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18-FP-CZU-1219	Resource Conservation District of Santa Cruz County	Wildfire Risk Reduction and Ignition Prevention in the Santa Cruz WUI	Santa Cruz	\$408,764	The proposed projects reduce the potential for catastrophic wildfire and fire-related GHG emissions across Santa Cruz County by considerably reducing fuel loads in neighborhoods and along important evacuation routes and fire prevention corridors.
18-FP-FKU-2044	County of Fresno	YR 2019 - 168 Corridor Dead & Dying Tree Removal and Disposal	Fresno	\$1,680,000	The proposal will make the ten communities mentioned above more resilient to a wildfire, create a healthier forest landscape, and will allow for faster reforestation. Dead and dying trees in Fresno County that are not merchantable are chipped and utilized as biomass. This proposal also includes fuels thinning along roadways on ingress and egress routes, and fuels modification.

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18-FP-HUU-1170	County of Humboldt on behalf of the Humboldt County Fire Safe Council	Phase II – CWPP Implementation	Humboldt*	\$497,102	This project will increase and improve defensible space in Humboldt County neighborhoods and reduce hazardous fuels along County roads. These activities will increase the resilience of local communities to damage from wildfire. The objectives of this project will help reduce Greenhouse Gas emissions through the prevention of catastrophic wildfire and associated carbon release. Chipping will be used as the method of disposal for the brush created through fuels reduction activities. Chipping avoids emissions that would normally occur through burning piles.
18-FP-KRN-1106	Kern County Fire Department	Kern All Steer Tractor 1 - Equipment	Kern*	\$100,000	The All Steer Tractor would be used to develop and maintain fuel treatment projects in the county. These projects will lead to a reduction in the frequency, intensity, or size of wildfires they can have a huge effect on the amount of GHG emissions released. This equipment will be assigned to one of our three crews and available within the interface areas which is why maps overlap.

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Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
18-FP-LMU-1188	Modoc Fire Safe Council, Inc.	Upper Rush Creek and CalPines Wildfire Protection Project	Modoc*	\$318,329	This project will reduce the amount of acres affected in the event of a wildfire for the communities of Rush Creek and CalPines Upper and Lower Units. By doing maintenance on existing and construction of a new fuel break along critical road ways we reduce the risk of a crown fire to grow at the new "rapid rate" that we have seen in 2018. The fuel break also gives emergency personnel a safe place to attack any fire. Through these activities we retain existing carbon sequestration and improve the resilience of forest land in the project area.

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18-FP-LNU-1036	Sonoma Land Trust	Sonoma Valley Fire and Vegetation Management Collaborative	Sonoma*	\$1,055,575	<p>The Sonoma Valley region has been designated by CAL FIRE as one of several historic "wildfire corridors" in Sonoma County. The majority of the fuel reduction projects proposed here are located in High and Very High Fire Hazard Severity Zones. In partnership with LNU, the Collaborative has identified those immediate fuel reduction treatments that support multiple outcomes for the greatest long-term benefit. In the short-term, they will reduce the horizontal and vertical continuity of fuels, which will reduce wildfire intensity, duration, rate of spread and ignition of tree crowns. As part of the Collaborative's long-term, landscape-scale approach, they will help reduce small tree density, promote increased stem diameter, and improve water availability to healthy trees, thus increasing carbon storage and rendering our ecosystems more resilient to wildfire and to climate change.</p>

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18-FP-LNU-1196	Geyserville Fire Protection District	Lake Sonoma Watershed Fire Prevention Project	Sonoma*	\$540,212	The hazardous fuel reduction component will provide vegetation clearance to reduce wildfire ignitions, intensity and rate of spread of wildfires along public roads while also improving evacuation routes and a location to stop an advancing fire in a watershed that provides drinking water to 600,000 people. The fire prevention education component will increase the public's knowledge and awareness of information that can be used to reduce the number of wildfires, structures destroyed, infrastructure damage, and acres burned while providing fuel reduction training to disadvantaged youth. A fuel reduction reference document will also be developed. The fire prevention planning component will create Community Wildfire Protection Plans, discuss evacuation routes, defensible space, and structural ignitability. Selection of the defensible space demonstration sites will prioritize disabled and/or elderly residents.

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Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
18-FP-MEU-1117	County of Mendocino	West Hills Ukiah Fuels and Fire Break Project	Mendocino*	\$1,652,200	<p>Project will provide fuels reduction via construction or maintenance of shaded fuel breaks, fire breaks, road clearing, and curbside chipping for approximately 12,921 structures and critical communications infrastructure within and around the City of Ukiah. Project will reduce total amount of wildfire and wildfire intensity through fuels treatment to construct fuel breaks from which fire suppression activities can be staged and backfires set, as well as removing excess fuels from the area. Overall, this project will protect the Mendocino County seat, emergency operations center, and a variety of other critical community resources and infrastructure from a wildfire while also providing GHG benefits in the form of reduced likelihood of wildfire and reduced wildfire intensity.</p>

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Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
18-FP-MMU-2013	Mariposa County Fire Safe Council, Inc	Mariposa Countywide Brushing and Chipping Project	Mariposa*	\$446,374	<p>This project will consist of non-ground disturbing brush and slash chipping on private properties throughout the County of Mariposa. The treatment includes chipping of stacked hazardous fuels, by a hired contract crew selected by the Fire Safe Council in cooperation with its partners. The large hazardous fuels (oak, pine, cedar slash; manzanita, and deer brush) will be chipped and broadcast on site. The chipping service is available to Mariposa County residents who have cut and stacked hazardous fuels from the 100' defensible space and routes of ingress and egress. Brushing, as well as chipping, will be made available to those physically or financially not able to maintain their 100' defensible space and we will use the PG&amp;E CARE Program guidelines to qualify these disadvantaged residents.</p>



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18-FP-MRN-1041	FIRESafe MARIN	Central Marin & Ross Valley Wildfire Access/Egress Fuel Reduction Program	Marin	\$993,300	<p>The proposal reduces vegetation along primary and secondary evacuation routes in the hillside communities comprising the east slopes of Mt Tamalpais in central Marin's Ross Valley. Fuels will be reduced along more than 55 miles of roads, strategically dispersing fuel reduction over a 3000+ acre geographic area with a significant fire history, and addressing primary areas of concern identified by the 2017 Marin CWPP. The fuel reduction project will improve evacuation safety, provide alternate means of ingress for firefighting resources, and the total amount of wildfire and related potential and actual GHG emissions will be reduced for the life of the project and ongoing due to planned maintenance. Risk will be reduced to 47,000 residents, 9,000 residential structures, and municipal infrastructure including power distribution, water storage and distribution, and natural resources in the Mt Tamalpais watershed .</p>

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18-FP-MVU-2133	Ramona West End Fire Safe Council	Ramona Community Dead and Dying Hazardous Tree Removal Project-3	San Diego	\$67,100	<p>Tree mortality in Ramona has increased over the past 5 to 10 years due to drought and insect pests. Dead trees can burn a long time, shedding burning debris and embers with the potential to start structures on fire. The project would remove at least 50 dead/dying trees within approximately 100 feet of residences and within 30 feet of evacuation corridors, offering additional protection to residences in a high fire hazard area should a fire be burning through the area. Usability of evacuation/access corridors will also be enhanced. Limbs will be chipped and scattered in the area and wood would be cut into rounds to be used by the owner as firewood and kept according to Best Management Practices, or the wood will be hauled away by the contractor for processing within the Ramona Community Plan Area.</p>

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Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
18-FP-NEU-1071	County of Nevada	Ponderosa West Grass Valley Defense Zone Project	Nevada	\$2,536,477	<p>It is estimated that the 2013 Rim Fire released 11,352,608 metric tons of GHG emissions. This is equivalent to emissions from 2.3 million cars, carbon dioxide from 1.2 billion gallons of gas, electricity used by 1.5 million homes, and emissions from 3.2 coal fired plants for 1 year (Sierra Nevada Conservancy Rim Fire Fact Sheet). Fuel reduction is a vital tool in maintaining Sierra Nevada forests as carbon sinks, rather than carbon sources. This shaded fuel break will thin and remove ladder fuels which will reduce fire intensity and rate of spread, as well as prevent ground fires from moving to more destructive crown fires. This project will reduce the probability that unmitigated wildfire will spread from interface lands into densely populated and developed communities, protecting homes, infrastructure, air quality, and the environment. This preventative treatment is an investment in forest health and community safety.</p>

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Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
18-FP-NEU-1216	Placer County Resource Conservation District	Placer County Coordinated Fuelbreak Phase 1	Placer	\$998,728	The project will reduce the total amount of wildfire by minimizing the risk associated of a fire coming up out of the canyon, or descending into the canyon. Because of the dense fuel load in the area, this project will prevent significant wildfire emissions that would be more likely to occur without the fuel break. This will protect the approximately 3000 habitable structures in the neighboring communities, as well as the I-80 corridor, Union Pacific railroad line, adjacent BLM and BOR lands, and the valued Esoteric Fraternity Historic District area.
18-FP-ORC-2049	Fire Safe Council East Orange County Canyons	Fire Safe Council East Orange County Canyons and Santiago Canyon Estates	Orange	\$507,625	Include discussion of defensible space, vegetation management, reduction of fuel loading, reduced chance of homes burning in a wildfire as a result of this work- thus reduction in GHG, replanting with succulents that reduce irrigation and are climate and fire resilient, etc

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Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
18-FP-SBC-2064	Santa Barbara County Fire Department	Lompoc Valley Fuel Reduction Project	Santa Barbara*	\$2,229,818	The Lompoc Valley Fuel Reduction Project is a 4 year project where the Santa Barbara County Fire Department will act as the lead agency. The overall project boundary is roughly 49,600 acres in an area of Santa Barbara County with a history of large wildland fires. The planned treatments include community defensible space around Vandenberg Village and Mission Hills; 15.1 miles of roadside fuel reduction along Harris Grade, Rucker and Burton Mesa Roads; 678 acres of fuel reduction, including over 150 dead trees, within the La Purisma Mission; and an 18 mile 150'-300' fuel break spanning from Vandenberg Air Force Base to the outskirts of Buellton. The planned fuel and roadside treatments are intended to protect communities, reduce the number of ignitions, and limit the size and intensity of fire occurrences in older age class fuel beds in the Lompoc Valley region. The project directly limits overall greenhouse gas emissions.
18-FP-SCU-1003	Santa Clara County FireSafe Council	Critical evacuation route planning, creation, and community preparedness	Santa Clara	\$603,018	This is a standard hazardous fuel reduction project that will limit wildfire and thereby reduce the amount of GHG emissions from combustion of vegetation and structures.

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Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
18-FP-SHU-1042	The McConnell Foundation	Post Carr Fire Hazardous Fuels Reduction	Shasta	\$12,669,182	<p>The Post Carr Fire Hazardous Fuels Reduction project will encompass three primary activities within the footprint of the Carr Fire: 1) roadside clearing of dead/hazard trees, brush, invasive vegetation; 2) creation of a ridgeline fuel break; and 3) clearing dead/hazard trees on habitable properties, including those who are rebuilding post-fire. These hazardous fuels mitigation plans will help to slow and/or stop the spread of wildfire in the Wildland Urban Interface within the community of Shasta and along its eastern border with the city of Redding, within a "Very High" Fire Hazard Severity Zone. By reducing the spread of wildfire and the threat of destruction to the communities, homes, infrastructure and other resources in Shasta and West Redding, wildfire emissions will be reduced. Additionally, tree clearing activities include plans to recycle usable material through cogeneration and other woody biomass efforts.</p>

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18-FP-SKU-1024	NORTHERN CALIFORNIA RESOURCE CENTER	HAMMOND RANCH AREA HAZARDOUS FUELS REDUCTION PROGRAM	Siskiyou*	\$479,349	<p>A recent computer study in the Hammond Ranch area indicated a wildfire driven by prevailing winds would quickly become a catastrophic crown fire burning the Hammond Ranch area and threatening the nearby city of Weed and Siskiyou College. This project will remove 240-acres of dense fuel to reduce wildfire danger and create a healthier forest. The project will remove undergrowth, dead and dying trees and thin thick stands of overgrown trees. The removal of this fuel will reduce the chance of a future catastrophic wildfire. Reducing the intensity or preventing a wildfire will reduce Greenhouse gas emissions. In addition, removal and thinning dead fuels will create open spaces for a healthier forest. A healthier forest will absorb more carbon and reduce atmospheric Greenhouse gases. This project will use mechanical treatment for fuel removal. Burning will not be used.</p>

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18-FP-SKU-1025	McCloud Fire Safe Council	McCloud Community Perimeter Shaded Fuel Break	Siskiyou*	\$44,956	<p>The McCloud Community Perimeter Shaded Fuel Break project is a preventative project whose main value is to reduce the impacts of wildfire on either the adjoining forest or the communities within the project area. The project will create nearly 9 miles of well-planned interconnected Fuel Management Zones (FMZ) adjacent to lands that have modified fuel reduction. The current forest is comprised of younger trees with thinner bark and limbs close to the ground. This type of forest is prone to support devastating crown fires, especially given the dense woody brush component in the understory. Small trees and woody brush-type vegetation will be removed, creating a fuel deficient environment and lack of ladder fuels for approaching wildfire. Effective FMZs will greatly reduce the risk of wildfire and thereby reduce wildfire emissions.</p>



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18-FP-SLU-2114	San Luis Obispo County Fire Safe Council	SLO Countywide Fuel Reduction	San Luis Obispo*	\$972,606	<p>This project will remove dead and dying trees and other hazardous fuels on 11 projects throughout San Luis Obispo County utilizing crews and equipment protecting more than 2,600 structures in 7 WUI communities at risk. Greenhouse gas emissions will be reduced by fewer fire ignitions and keeping fire intensity and acreage to minimum, and reducing the noxious smoke emissions from burning structures and vehicles that occurs during WUI fires. Reducing hazardous chaparral fuels will reduce intensity and severity of wildfires that usually occur at times of worst smoke dispersal conditions creating s air pollution and air that is a health hazard for the public. Street side chipping will reduce dooryard pile burning of defensible space cutting, reducing the smoke generated by burning.</p>

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Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
18-FP-TCU-2014	Highway 108 Fire Safe Council	Ponderosa-Mira Monte Shaded Fuel Break	Tuolumne*	\$414,960	<p>The Ponderosa-Mira Monte Shaded Fuel Break will reduce wildfire risk, and resulting GHG emissions, to the Ponderosa Hills/Mira Monte subdivisions, Tuolumne City, the Tuolumne Rancheria, and numerous single family homes scattered in the WUI. Approximately 1,400 habitable structures are in the project area. In the long run, this well constructed and maintained fuel break will reduce the potential for large, high intensity wildfires and the associated GHG emissions and pollutants they produce. The shaded fuel break protects Turnback Creek which feeds into the Tuolumne Utilities District open ditch system that provides drinking water for much of north Tuolumne County.</p>

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Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
18-FP-TCU-2091	Groveland Community Services District	Jones Hill	Tuolumne*	\$166,300	Groveland is in an area that is subject to vegetation fires with fire probability above 1%. The hilly terrain, incursion of flammable vegetation and the generally difficult road system make wildland fires the most serious threat for conflagration should a fire escape a building of origin or the ignition occurs outside. Private contractors operating masticators, will create an approximate 111 acre shaded fuel break by masticating surface and ladder fuels in the understory of the Groveland Community Services District property line. This fuel break will allow firefighting forces the ability to protect Downtown Groveland to the south and the critical water and sewage infrastructure within the perimeter. The Rim Truck Trail West fuel break is to the north, by segmenting will provide additional benefit.
18-FP-TGU-1230	Resource Conservation District of Tehama County	West Tehama Fuels Roadside Fuels Treatment Project	Tehama	\$239,580	Reduction in roadside ignitions will reduce the risk of wildfire smoke, the production of GHGs (and other air pollutants) and protect carbon sequestering oak forests. Project work will also expand and improve an in place network of fuel breaks.

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18-FP-VNC-2023	California Department of Parks and Recreation	Ventura River Arundo Removal	Ventura*	\$90,231	There are an average of 10 wildfires within the project area on an annual basis. Removal of the dense cover of highly flammable fuel would dramatically reduce that green house gas emission from such fires.
<b>Total # Applications = 26</b>		<b>Total requested =</b>			<b>\$33,749,815</b>

### Information about this report:

- List contains awarded applications for 2018-2019 CCI Fire Prevention Grants.
- The county locations identified in the project may also span multiple Counties, CAL FIRE Units and/or Regions.
- The awarded grant amount is subject to change due to errors and omissions in the applications.
- All the application packages are subject to change due to final agency contract revisions and amendments.
- Fire Prevention Grants are generally funded for a 3-year grant cycle:
  - The grants work is to be completed by March 15, 2022 (end of the grant cycle).
  - The grantee is required to submit the final invoices by April 30, 2022.
  - All the funds will be disencumbered by June 30, 2022.
- The objectives of the Fire Prevention Grants Program are to:
  - Reduce wildfire hazard around communities and infrastructure.
  - Improved health and resilience of treated areas for increased carbon sequestration.
  - Support community wildfire planning and facilitate plan implementation.
  - Improve public awareness and reduce human ignitions.

### Fire Prevention Grants

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