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Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
19-FP-AEU-0035	Forestry Educators Incorporated	2020 Forestry Challenge	El Dorado*	\$92,450	The Forestry Challenge reduces wildfire and GHG emissions by providing education, contributing to a lower carbon economy. Forestry Challenge data sets and site-specific recommendations help land managers implement projects. More projects implemented translate to a reduction in catastrophic wildfires, just one of which can reverse years of work to reduce emissions. The program succeeds at overcoming perception obstacles to responsible and sustainable forest management that frequently arise in our state's population, which is not well connected to active forest management. Investing in forest management education ultimately leads to healthier forests and reduced emissions.

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19-FP-AEU-1036	Amador Fire Safe Council	Amador County Collaborative Ingress, Egress and Education Plan	Amador*	\$1,044,296	The AFSC's vision for this project is to have every ingress and egress route west of Dew Drop in Amador County: mapped, understood and safely cleared. The AFSC has worked collaboratively over the past six months with CAL FIRE, Amador Office of Emergency Services (OES), Amador Fire Protection District, all other fire protection districts in the County, and the Amador County Transportation Commission (ACTC) to identify ingress and evacuation routes. Improved ingress will reduce the size of wildfires and emissions. Egress will be improved for 17,000 residents and enhance protection for 10,000 habitable structures. Water quality is protected for the 1.4 million served by EBMUD.

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19-FP-BDU-2036	Wheeler Crest Fire Protection District	Swall Meadows Fuel Reduction	Mono	\$135,550	<p>This proposal seeks to reduce fuel loads on built and unbuilt parcels. The proposal also seeks to expand and retreat existing firebreaks, reducing the potential for GSG emissions in the event of a wildfire. Both projects were given a high priority rating in our recently completed CWPP. Several years of unchecked regrowth following the devastating Round Fire has added unacceptable levels of flammable fuels. Chipping will be the primary tools for reduction of woody material for disposal. This will significantly reduce potential GHGs by ignition and reducing emission due to transport for disposal. At a 10:1 reduction in volume, 1 load of chips is equivalent to 10 loads of raw brush.</p>

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19-FP-BDU-2107	Mountain Rim Fire Safe Council	Abatement Assistance 2020	San Bernardino*	\$399,865	This project is for fuel abatement services of properties on non-federal lands within San Bernardino mountain communities of Crestline/Old Waterman Canyon on the west to Big Bear/Erwin Lake on the east. There are environmental benefits of this project in the reduction of greenhouse emissions from potential wildfires as a result of the reduction of fuel to burn; in addition to the reduction of emissions from a fire, defensible space leads to a healthier urban forest environment; and in protecting trees and improving forest health, there is an increase in uptake of CO2 from the forest. Also note that wildfire emissions from structures, infrastructure, etc. increases not only greenhouse gases b
19-FP-BEU-1004	University of California	Developing a PBA on the Central Coast to Increase Fire Safety	San Benito*	\$379,785	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 on those lands. Wildfires are uncontrolled phenomenon that release more CO2 and other emissions per acre than an equivalent prescribed burn1, 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

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					particulate matter, while achieving management goals of landowners.
19-FP-BEU-2002	Resource Conservation District of Monterey County	Los Padres Strategic Community Fuelbreak Collaborative Project	Monterey*	\$4,824,850	The goals of this project are to reduce fuel hazards around homes and structures, expand and maintain existing strategic fuelbreaks, increase forest and vegetation community resiliency and control and manage invasive plant species. The Los Padres Strategic Community Fuelbreak Collaborative project will reach these goals through implementation of a variety of treatments on the landscape, including: brush and ladder fuel removal, pruning and limbing of trees, mastication, invasive plants treatments and the application of prescribed fire. The SCFC will reduce greenhouse gas (GHG) emissions through the reduction of wildfire hazards, as wildfires are major emissions sources for greenhouse gases.

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19-FP-BEU-2104	Fire Safe Council For Monterey County	Multi-Community Cooperative Chipping for Monterey County	Monterey*	\$950,835	<p>The Project is located in Monterey County, rated at the highest priority of need for wildfire fuel reduction work in the US (www.tinyurl.com/NationalPriorityMap). The County has had some of the largest wildfires in US history. The recent 132,127 acre Soberanes Fire released 31 Million Metric Tonnes of CO2 according to Global Forest Watch (https://tinyurl.com/TreeLoss). Through education, and helping people create effective defensible space by chipping and roadside clearance, the Project will reduce the chance of large wildfires in Monterey County, which will lower chance of more massive releases of CO2, as well as helping protect lives, property, infrastructure, and resources from wildfires.</p>

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19-FP-BTU-1077	Butte County Fire Safe Council	Cohasset Fuels Reduction Project	Butte	\$509,762	<p>The project will reduce the total amount of wildfire emissions by implementing forest thinning, mastication, chipping and grazing. The benefit to greenhouse gas (GHG) reduction is the decrease in GHGs emitted during wildfire events; the fuels reduction proposed will decrease overall fuel load, thereby increasing the survivability of mature trees during wildfire events, thus increasing carbon sequestration and storage of forestland over time, while also protecting communities, homes, infrastructure and other assets at risk. Fuels reduction projects that were completed in Butte County prior to the Camp Fire and are evidence that trees and structures can survive wildfire with fuels reduction.</p>

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19-FP-BTU-1079	Butte County Fire Safe Council	Mt. Ida Fuels Reduction Project	Butte	\$509,762	<p>The project will reduce the total amount of wildfire emissions by implementing forest thinning, mastication, chipping and grazing. The benefit to greenhouse gas (GHG) reduction is the decrease in GHGs emitted during wildfire events; the fuels reduction proposed will decrease overall fuel load, thereby increasing the survivability of mature trees during wildfire events, thus increasing carbon sequestration and storage of forestland over time, while also protecting communities, homes, infrastructure and other assets at risk. Fuels reduction projects that were completed in Butte County prior to the Camp Fire and are evidence that trees and structures can survive wildfire with fuels reduction.</p>

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19-FP-CSR-2109	Southwest Riverside County Fire Safe Council	Southwest Riverside County Hazardous Fuels Reduction Project	Riverside	\$381,694	The overall project will reduce the total amount of wildfire emissions in communities through proven and creative methods. Ongoing brush clearance events will reduce hazardous fuels around homes, outbuildings and other structures. Providing resources on how to plant and maintain fire resistant landscapes will create a baseline of fire-resistant foliage that will continue to prevent wildfire. Utilizing natural resources such as our goat grazing project will provide a solution to clearing brush that is inaccessible for hand clearing or by machine. Greenhouse gas benefits will be achieved through having less fuel to burn through clearing, not burning and reusing gathered plant material.

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19-FP-CZU-1109	San Mateo Resource Conservation District	Wildfire Risk Maps for Fire Prevention Planning in Santa Cruz County	Santa Cruz*	\$199,431	55% of Santa Cruz County is classified as high or very high fire hazard. However, It is neither economically or ecologically viable to treat all wildfire hazard landscapes in the county. The goal of this project is to reduce wildfires throughout Santa Cruz County by engaging with local stakeholders to create a suite of fine-scale wildfire hazard and risk data layers to support efficient and effective wildfire prevention and evacuation planning throughout the county. The result will be a reduction in the total amount of wildfire and a concurrent reduction in GHG emissions because fuel treatments will be targeted to areas with the highest hazard that are also most at risk.

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19-FP-CZU-1157	Woodside Fire Protection District	Fire Safe SMC Hazardous Fuels Program	San Mateo	\$398,500	<p>In 2018, fires released more than 45 million metric tons of carbon dioxide into the atmosphere. Preventing ignitions is the essence of fire prevention. Reducing critical target hazards over PG&E lines and reducing underbrush, which can rapidly spread fire and dramatically increase its intensity and size, we can create more fire resilient communities while at the same time focusing on GHG sequestration. Various fuel reduction studies show that most of the GHG emissions gains are achieved with under-story thinning. The scope of this fuels reduction program correlates with the most beneficial techniques in managing CA GHG emissions, reduction and protecting habitable structures from ignition.</p>

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19-FP-FKU-2035	Oak to Timberline Fire Safe Council	Pinehurst Community Fuel Break	Fresno	\$661,005	<p>Fuel loads will be reduced on 277 acres surrounding the Pinehurst community, thus reducing the amount of possible wildfire emissions 1) from the community's vegetation/homes/infrastructure/ state & federal work stations &, by providing a zone from which to fight fire, 2) from the contiguous upslope National Parks & Forests. Also, the harvested fuels will not be incinerated on site. Felled logs will be removed & locally re-purposed (furniture, paneling, firewood) or chipped for a local biomass facility. Brush & bucked slash will be masticated/chipped & used as mulch to improve the soil, its water retention & general forest health, enhancing tree growth & thus C sequestration.</p>

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19-FP-FKU-2044	County of Fresno	Eastern Fresno County Hazardous Fuels and Tree Removal	Fresno	\$2,565,920	The proposal will improve defensible space to 18 communities; make these communities more resilient to a wildfire, create a healthier forest landscape, and will allow for faster reforestation. This proposal includes fuels thinning and modification along ingress and egress routes. Specific project boundaries border PG&E and Southern California Edison utility infrastructure, which will result in enhanced protection. Merchantable dying trees go to the mill, and non-merchantable trees are chipped and utilized as biomass. Protecting the public, preventing wildfires, and emergency response to fires is the County's priority.
19-FP-FKU-2056	Big Sandy Rancheria Band of Western Mono Indians of California	Big Sandy Rancheria Hazard Fuels Reduction Project	Fresno*	\$230,499	Big Sandy Rancheria's (BSR) Hazard Fuel Reduction Project (HFRP) would allow the Tribe the resources required to develop and implement strategic hazard fuels reduction efforts that will pro-actively address the risk of wildfire, thereby, reducing the potential of a catastrophic fire event and related GHG emissions. BSR is an at-risk Wildland-Urban Interface (WUI) area adjacent to the Governor's high priority project – Beal Fuel Break. The proposed plan would treat 120 acres directly impacting tribal homes, businesses and community infrastructure. Furthermore, the plan

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					would enhance wildfire protection for neighboring WUI communities by providing additional area fuel breaks.
19-FP-HUU-1023	County of Humboldt	CWPP Phase III: Fire-adapted Landscapes and Safe Homes	Humboldt*	\$371,472	The focus of this project is on reducing hazardous vegetation around homes and along access routes. One of the primary benefits will be preventing ignitions originating in the WUI from escaping into the surrounding forests, where the scale of a wildfire can quickly grow out of control—releasing countless tons of GHG emissions into the atmosphere. Of all the ignition sources tracked by CAL FIRE in Humboldt County from 1974 to 2017, 60% were caused by people (12% lightning, 28% misc./unknown); a majority of which presumably originated in and around human communities. Reducing these human-caused ignitions will therefore, reduce the total amount of wildfire and associated emissions.

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19-FP-HUU-1106	Cultural Fire Management Council	Cultural Fire Climate Project Hwy 169	Humboldt*	\$961,126	The project will reduce greenhouse gas emissions by reducing the likelihood of wildfire starts along highway 169, an area rated as high and very high fire hazard severity zone. Treating the area upslope and adjacent to Hwy 169 and educating the public about fire safety and the rules and regulations governing the use of fire will reduce wildfire starts thus avoiding wildfire emissions. The project will protect habitable structures, critical infrastructure and the Yurok Tribe's carbon sequestration projects by providing 20 miles of shaded fuel break along prominent roadways. We will provide 100' of defensible space around homes and infrastructure and treat 300 acres with prescribed fire.
19-FP-KRN-2008	Bear Valley Community Services District	Bear Valley Springs Fuels Reduction Project	Kern	\$1,026,144	The Bear Valley Springs Fuels Reduction Project will contract a professional logging company to fall, limb, buck and remove trees and treat slash over 300 acres within a project area of 400 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. This project will remove dead trees, slash and other woody biomass which will reduce the amount

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					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.
19-FP-LAC-2032	City of Claremont	Claremont Hills Wilderness Park & Community Wildfire Protection Plan	Los Angeles	\$339,765	The City of Claremont proposes to improve its ability to mitigate wildfires within its 2,500-acre Wilderness Park and the parks urban interface with the creation and implementation of a Wildfire Protection Plan. This protection plan will address the need for improved home hardening and fuel management techniques, provide education on hardening and fuel management techniques, establish evacuation plans and improved park signage, provide vital information that will improve collaboration between local agencies and residents, and allow for the revision of the current vegetation management plan. The development and implementation of this Wildfire Protection Plan will be a collaborative effort.

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19-FP-LAC-2053	Santa Catalina Island Conservancy	Catalina Hazardous Fuel Reduction Project	Los Angeles	\$72,860	This project will focus on modification of vegetation adjacent to Catalina’s primary/secondary/tertiary roads to provide for safer ingress/egress of evacuating residents/responding emergency personnel in the event of a wildfire, and purchase of a rotary brush mower attachment for our Caterpillar excavator. This project will help reduce GHG emissions over time/beyond grant period. Brush clearance efforts will reduce the likelihood of wildfire, and thus, wildfire emissions, facilitating firefighting efforts and safety. GHG emissions will be reduced through use of the attachment and fuel treatment activities (from 61.2 tons to 11.75 tons), eliminating chipper use, as described in our SOW.

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19-FP-LAC-2099	Los Angeles County Fire Department	Big Rock Fuel Reduction Project - Goat Vendor	Los Angeles	\$105,860	<p>The Big Rock Fuel Reduction Project would reduce the total amount of wildfire around the Big Rock community by providing a strong, defensible fuel break. GHG emission is also reduced by the use of goats to remove vegetation; according to the California Air Resources Board the 97,000 acre Woolsey Fire of 2018 generated an “estimated 2 million metric tons of greenhouse gases.” This equates to nearly 20.62 metric tons of greenhouse gases per acre that were released during the Woolsey Fire and by this approximate calculation this project would save over 500 metric tons of GHG (with similar heat/vegetation) from being emitted and provide even greater benefits in long term fire prevention.</p>

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19-FP-LMU-1020	Lassen County Fire Safe Council, Inc.	Thompson Peak WUI Fuel Treatments	Lassen*	\$3,341,389	The proposed work will thin forest fuels from strategic areas within the WUI to reduce potential wildfire spread to, and ember showers causing ignitions within, communities at risk from wildfire damage. Fuels will be removed from the most densely forested areas on public and private lands on mountain slopes above communities to reduce risk of fire moving downslope as is common in the project area. Dead and dying trees will be removed from around homes, powerlines, and other infrastructure within communities to reduce the risk of ignitions and spread. Future fires occurring in treated areas will encounter less fuel to burn and are likely to spread less resulting in reduced GHG emissions.

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19-FP-LMU-1096	Plumas County Fire Safe Council	Senior/Disabled Defensible Space Assistance Program	Plumas*	\$419,132	By reducing fuels within 100 feet of structures the Fire Safe Council's program creates defensible space, as specified in Public Resources Code 4291, for homeowners who are otherwise unable to undertake the work. This brings more homes into compliance, providing a benefit to communities beyond the individual home owner. Adequate defensible space has the potential to reduce residential ignitions (particularly from pile burning) from becoming a wildfire or threatening other structures. The program, therefore, reduces the likelihood of catastrophic wildfire and associated greenhouse gas emissions. The program does not open burn material - it is chipped or taken to a green waste facility.

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19-FP-LNU-1001	Clear Lake Environmental Research Center	Lake County Hazardous Fuel Reduction Project Phase 1	Lake*	\$3,019,106	<p>The Proposal will reduce the total amount of wildfire around communities, homes, infrastructure, and other highly valued resources in Lake County thus lowering the forecast wildfire GHG emissions occurring without the Project. This will be achieved by creating and maintaining fuel breaks, ingress/egress vegetation management, and defensible space around high value assets, all high priority activities to prevent, stop or slow the spread of GHG emitting wildfire. Project will be phased so that other high priority treatments can be accomplished in subsequent phases, and current work can be maintained, to ensure the scale of GHG emission reduction can be sustained and increased in the future.</p>

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19-FP-LNU-1124	County of Yolo, Office of Emergency Services	CWPP and Fire Safe Councils for Western Yolo County	Yolo*	\$314,054	Yolo County has no wildfire prevention plan so measures are limited & lack coordination with the adjacent State Responsibility Area to the west. We will complete a Community Wildfire Protection Plan to assess area wildfire regime, identify/prioritize actions, & raise public awareness to reduce wildfire frequency, severity & overall emissions. We will also develop Fire Safe Councils to implement priority actions. The project is the 1st step in reducing GHG emissions throughout the SRA. Goals: 1) create a framework to increase wildfire prevention measures. 2) reduce short/long-term fire frequency/severity, 3) ID projects that sequester carbon throughout the SRA into the future.
19-FP-MEU-1140	Renewable Energy Development Institute dba Sherwood Firewise	Sherwood Corridor Ingress and Egress Roadside Fuel Reduction	Mendocino*	\$447,024	To improve ingress and egress safety, reduce wildfire spread and aid in fire suppression activities, this project will reduce roadside fuels on both sides of major access routes in the Sherwood Corridor totaling 25.4 miles and 107.4 acres of treated roadside and residential vegetation and will reduce wildfire risk to approximately 2,000 habitable structures with approximately 5,000 residents. The fuels reduction and spreading chips onsite will reduce greenhouse gas emissions through Implementation of a line of defense

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					against catastrophic wildfires, which contribute to a massive amount of greenhouse gas emissions every year. Wildfire emissions negatively impact the elderly community.
19-FP-MMU-2022	Mariposa County Fire Safe Council, Inc.	Stumpfield Mountain Fuel Break	Mariposa*	\$674,577	This project will break up both vertical and horizontal continuity of fuels, creating a shaded fuel break to help firefighters reduce the size and intensity of wildfires, meet GHG emission targets, protect the communities of Ponderosa Basin, Usona and Bootjack from large and damaging wildfires, prevent spread to Ahwanee, Nippiniwassee, Oakhurst and Madera County, and safeguard lives, property, natural and manmade resources. The Chowchilla River drainage would be made less vulnerable to soil damage and erosion caused by high intensity wildfires, such as the 1961 Harlow Fire, increasing quality and quantity of water available in watershed and improving wildlife habitat and forage for grazing.

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19-FP-MMU-2024	Mariposa County Fire Safe Council, Inc.	Foran Fuel Reduction Project	Mariposa*	\$232,854	This project will break up both vertical and horizontal continuity of fuels along a strategic non-county maintained road, creating a fuel break, and allowing firefighters safe access to the Alta Vista ridge line, a critical location for fire suppression and monitoring. Removing heavy fuels will allow select specimens to sequester carbon at a greater rate helping meet GHG emission targets. This strategic fuel break will reduce the size and intensity of wildfires coming from the Merced River Canyon and directly protect the town of Mariposa and Mt. Bullion area from large and damaging wildfires. It would reduce the intensity of fires moving from hwy 140 into the community of Midpines.

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19-FP-MRN-1040	Southern Marin Fire Protection District (SMFD)	Tam Valley Southern Fuel Break	Marin	\$720,378	<p>This project takes place in the WUI along the line separating a Very High FHSZ SRA and a High FHSZ FRA. It will create a 4.5 mile fuel break between a developed community of 2,500 parcels (value of over \$3B) and a large national park. The implementation will include multiple techniques for removal of dead and dying vegetation, thinning, and brush removal due to varying terrain and vegetation. The greenhouse gas benefits come from the improved health of remaining vegetation and the probable reduction in the spread of future fires (there have been 2 fires since 2004). Focus will be on areas posing the greatest threat including narrow turnarounds and dead-ends that hamper emergency vehicles.</p>

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19-FP-MRN-1055	Marin County Fire Department	San Geronimo Valley Community Evacuation Routes	Marin*	\$534,316	The San Geronimo Valley Community Evacuation Routes Project, with an approximate treatment area of 65 acres along 12 miles of non-county maintained roads, is focused on improving evacuation route vegetation clearing for residents and provide improved emergency response vehicle ingress and access to wildland-urban interface homes in the San Geronimo Valley. The project will reduce the risk to the community by improving evacuation routes through the removal of overgrown fuel and tree hazards allowing for safe passage in the event of a wildfire. This project will improve also provide emergency responders access and reduce fire intensity from approaching wildfires.
19-FP-MVU-2088	Palomar Mountain Fire Safe Council	2020 Palomar Mountain Fire Break & Evacuation Project	San Diego	\$169,520	A devastating wildfire on Palomar Mountain would produce a very large amount of greenhouse gas emissions affecting San Diego as well as neighboring Counties. In the event of wildfire or structural fire, this fuel reduction project will enable access to this area for fire vehicles and crews, protecting 187 habitable structures and critical community resources including water and power. The project complements the USFS fuel reduction in the adjacent Jeff Valley.

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19-FP-NEU-1031	Truckee Fire Protection District	Truckee Fuel Reduction	Nevada*	\$1,500,000	<p>The Truckee CWPP dictates working with multiple community subdivisions and organizations to diminish the vertical and horizontal continuity of fuels, thus diminishing fire behavior. This project will facilitate vegetation management on Town of Truckee right of ways and individual shaded fuel breaks that occur on approximately 8,000 acres of WUI with approximately 7,200 habitable structures in the Truckee Fire Protection District and the Town of Truckee. By decreasing fire intensity, the amount of greenhouse gas emissions will decrease. Vegetation treatments create increased growth in the remaining vegetation increasing carbon sequestration. This will create a net carbon benefit over time.</p>

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19-FP-NEU-1131	Nevada County - Department of Public Works	Egress/Ingress Fire Safety Project	Nevada*	\$868,084	By removing hazardous fuel along public roads (all are in or directly connected to SRA's), the amount of fire potential around 42 Communities At Risk, homes, infrastructure and other highly valued resources will be significantly reduced by an estimated 900 CY of biomass. The reduction along County roads will improve the health and resilience of treated areas for increased carbon sequestration, support wildfire planning efforts and implementation, and improve public awareness thereby reducing human ignitions. Per the prescribed treatment, greenhouse gas emissions will be minimized by use of hand and mechanical vegetation removal techniques which will provide a prolonged benefit.

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19-FP-NEU-1132	Placer County Resource Conservation District	Placer County Chipper Program	Placer*	\$874,848	By incentivizing landowners in Placer County to reduce fuels surrounding their homes, the wildfire risk and potential severity is significantly reduced. From July 2016 to October 2019, this program has directly supported the chipping of 24,214 tons of woody biomass from private parcels throughout Placer County. Reducing vegetation surrounding homes minimizes the risk of catastrophic wildfire impacts to all valued resources, including human safety, vital infrastructure, water quality, and other ecological and societal features throughout the community. By chipping vegetation, the greenhouse gas emission potential from both wildfire and pile-and-burn alternatives is vastly diminished.

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19-FP-RRU-2012	Riverside County Parks and Open Space District	Riverside County Hazardous Fuels Reduction	Riverside	\$88,164	Acquisition of a Caterpillar 257D3 multi terrain loader and front-end brush cutter will support Riverside County Parks staff in the performance of hazardous fuels reduction treatments on lands conserved under the Multi Species Habitat Conservation Plan. The removal of exotic grasses, weeds, and brush that act as fine fuels near roads, homes, communities, and other infrastructure in the wildland-urban interface will mitigate the risk of catastrophic wildfire thereby reducing greenhouse gas emissions and providing benefits to air quality and community safety throughout western Riverside County.
19-FP-SBC-2005	Montecito Fire Protection District	Montecito Neighborhood Fire Prevention Project	Santa Barbara	\$452,760	Each ton of vegetation removed from a very high fire risk area directly reduces the amount of combustible vegetation available to burn during the next wildfire. GHG emissions will be reduced because property owners will have an attractive alternative option to permit burning. The project focuses on educating and collaborating with homeowners and reducing fuels directly adjacent to community assets. These efforts are in direct alignment with local, state, and national goals of making communities more adaptive to wildfire, increasing the efficiency of future wildfire responses, and

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					maximizing carbon sequestration in the surrounding wildland habitat by limiting its exposure to future wildfires.
19-FP-SBC-2015	Santa Barbara County Fire Department	SBC Fuel Reduction Maintenance Equipment	Santa Barbara	\$179,000	Fuel breaks and reduced fuel loading areas allow firefighting personnel and equipment to more safely access areas to preform fire suppression activities. Chipping equipment is designed to chip/shred the treated vegetation in place and via worker action, leaves an evenly-distributed layer of mulch spread over the treated area. Most areas immediately resprout and this young vegetation continues to grow and sequester carbon. Continued maintenance of fuel and roadside treatments are intended to protect communities, reduce the number of ignitions, and limit the size and intensity of fire occurrences. Long-term reduction in GHG is accomplished through reduction in acres burned over time.

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19-FP-SBC-2087	Santa Barbara County Fire Safe Council	Gaviota Coast Community Wildfire Protection Plan	Santa Barbara*	\$196,000	The plan is for the Gaviota in Santa Barbara County which is a 106,002 acre area. The objective is to complete a comprehensive document that details fuel reduction, structural hardening, collaboration and education with affected stake holders. The plan will assess the current resources at risk in the community and lay out a long range program for fuel treatment and structural protection strategies which include the longer term goal of maintaining a fuel reduction zone in the WUI. The CWPP will develop goals and actions to reduce the number, intensity, and duration of area wildland fires. This reduces emissions of greenhouse gases such as carbon dioxide, methane, and nitrous oxide.

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19-FP-SCU-1104	County of Santa Clara	Mt. Madonna Fuel Reduction Project	Santa Clara*	\$828,574	<p>Will prevent the release of GHGs during a wildfire by reducing the risk of wildfire in a mature mixed conifer/hardwood forest in a Very High Fire Hazard Severity Zone. Will eradicate 25 acres of fire-prone blue gum eucalyptus & establish a 2.5 mile shaded fuel break to create a defensible corridor for emergency access to, & evacuation of, over 200 residential & commercial structures adjacent to the project area, including Mt. Madonna School, Mt. Madonna Retreat Center & recreational & cultural amenities of Mt. Madonna Park. The Project will demonstrate the use of an Air Curtain Burner; emits fewer emissions (CO, PM2, PM 2.5/10) than pile burning or chipping as a fuel reduction/disposal tool.</p>

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Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
19-FP-SCU-1110	San Mateo Resource Conservation District	Wildfire Risk Maps for Fire Prevention Planning in Santa Clara County	Santa Clara	\$365,724	64% of Santa Clara County is classified as high or very high fire hazard. However, It is neither economically or ecologically viable to treat all wildfire hazard landscapes in the county. The goal of this project is to reduce wildfires throughout Santa Clara County by engaging with local stakeholders to create a suite of fine-scale wildfire hazard and risk data layers to support efficient and effective wildfire prevention and evacuation planning throughout the county. The result will be a reduction in the total amount of wildfire and a concurrent reduction in GHG emissions because fuel treatments will be targeted to areas with the highest hazard that are also most at risk.

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19-FP-SHU-1134	The McConnell Foundation	Shasta County Wildfire Hazard Mitigation and Fuel Reduction	Shasta*	\$3,880,786	The project site is located in the mixed-conifer foothills in eastern Shasta County. Historical wildfire events in this region, such as the 1992 Fountain Fire (16th most destructive in CA), have burned at moderate-to high-severity. Burned land is likely to convert to shrub cover resulting in reduced fire resiliency and less carbon storage. Reducing hazardous fuel along critical transportation corridors within high-risk WUI areas in the County will lessen the probability of high-severity wildfires spreading into and through the WUI areas destroying property and surrounding forest lands by allowing first responders to safely deploy fire suppression resources along these corridors.

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19-FP-SHU-1160	City of Shasta Lake	City of Shasta Lake Hazardous Fuel Reduction and Chipping Project	Shasta*	\$180,000	The main goal of the project is to reduce fire fuels by hand clearing 45+ acres of heavy brush and trees, creating a shaded fuel break. This project equates to clearing around 100' width within an existing rights-of-way north of the City protecting the citizens of Shasta Lake from a fast moving wildfire.Reducing fire frequency, intensity, extent is the primary benefit to reducing GHG. In July of 2018, the Carr Fire exploded in our community, burning over 229,651 acres, burning 1,604 homes, and taking the lives of 11 victims. The fire affected air quality throughout Northern CA and the Central Valley down to Bakersfield, OR, WA and NV. The goal is simple reduce fire reduce GHG.
19-FP-SKU-1019	Juniper Flat Fire Safe Council/Fire Safe Council of Siskiyou County	Juniper Flat Comprehensive Fuel Reduction Project	Siskiyou	\$812,953	Reducing fuels along evacuation routes will lower the risk of vehicle-related wildfire starts. The shaded fuel breaks will inhibit the spread of wildfire, lower the temperature of fire and dramatically reduce GHG emissions when a wildfire occurs. Fuel breaks will give firefighters a safe place to fight wildfire thereby keeping GHG emissions to a minimum.

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Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
19-FP-SKU-1068	Shasta Valley Resource Conservation District	South Dunsmuir Fuel Break	Siskiyou*	\$149,669	The project is designed to create a shaded fuel break along Interstate 5 within the right-of-way owned by Cal Trans. The area is the narrow strip of land between the highway and the community. There are approximately 1000 structures including private homes and business and City infrastructure including power and fire suppression that would be protected by the treatment as well as the important life line egress route I5. The area is 22.6 acres in size. The treatments would protect the structures, trees, and adjacent forests from wildfire reducing carbon sequestration and putting greenhouse gases into the atmosphere.
19-FP-SLU-2068	San Luis Obispo County Fire Safe Council	2019 SLO Countywide Hazard Fuel Reduction	San Luis Obispo*	\$1,888,395	Use crews and equipment to remove dead and dying trees and hazardous fuels on 17 treatments in 5 project areas in SLO County protecting more than 2,600 structures in 9 WUI communities at risk by treating 40 miles of roadside and 1,600 acres of hazardous fuels. GHG are reduced by fewer fire ignitions, keeping wildfire acreage to minimum, reducing noxious GHG emissions from wildfires, burning structures, vehicles that occurs during WUI fires. Reducing chaparral fuels through crushing and prescribed burns will reduce intensity and severity of

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					wildfires that occur during times of worst smoke dispersal conditions creating air pollution and public health hazards.
19-FP-SLU-2071	San Luis Obispo County Fire Safe Council	SLO County CWPPs-Arroyo Grande & Salinas River	San Luis Obispo*	\$221,026	Reduce Greenhouse gas through CWPP's that target reducing wildfire and structural ignitions, fire severity, keeping fire acreage to minimum, reducing noxious GHG smoke emissions from wildfires, burning structures and vehicles that occurs during WUI and river bottom fires. East Arroyo Grande CWPP will provide planning and community engagement for critical strategic fire defense improvement to reduce wildfire spread and WUI fire for 500+ homes. Salinas River CWPP will focus on reducing fire ignitions (more than 200 fires in 2019) and emission of noxious GHG gases from burning debris left by homeless encampments in the Salinas River in SLO County.

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19-FP-TCU-2018	Calaveras County Resource Conservation District	Murphys-to-Forest Meadows WUI Fuel Break	Calaveras*	\$2,161,776	Strategically placed fuel breaks reduce wildfire hazards; provide greater safety to fire fighters by creating a defensible area; and reduce the intensity of wildfires. The proposed fuel break would protect approximately 7,000 homes along the Ebbetts Pass Corridor. Benefits from the AVOIDANCE of wildfires cannot be accurately measured, but according to the USGS, the 2018 wildfire season in California burned 8.8 million acres, releasing 68 million tons of carbon dioxide, or 15% of the state's total emissions, equivalent to the emissions from all electricity used in California for a full year. Net carbon sequestration would be due to improved forest health and growth.

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Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
19-FP-TCU-2066	Calaveras Healthy Impact Product Solutions	Arnold-Avery Hazardous Fuels Reduction and Fuel Break Maintenance Project	Calaveras*	\$1,980,749	The Butte Fire dozer lines are re-vegetating and will lose value if not restored. This project will maintain/expand the fuel break to protect communities comprising the most densely populated area within TCU Battalion 4. Activities include removal of excess fuels and fuel break maintenance/expansion, totaling 940 acres. The project will protect 5,586 structures and 22,250 acres. It will reduce wildfire risk, protect the WUI, and avoid GHG emissions resulting from wildfire. Material generated may be utilized at CHIPS' biomass products yard reducing fuels and uncontrolled emissions from wildfire and open pile burning. This project is part of a collaborative bi-county fuel break effort.

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19-FP-TGU-1059	Planning & Community Development Services Agency	Glenn County Safety Element Update	Glenn*	\$123,750	Improved fire planning, education, and reducing GHG are key elements that Glenn County will incorporate in to the update of the existing 1993 Safety Element. A new Safety Element will develop fire safe policies, reducing development in fire hazard areas. Development review will reduce the potential for catastrophic fire and related GHG emissions. The Safety Element will educate citizens on reducing potential ignition sources. Wildfire plans and evacuation routes will be updated improving safety during fires. Additional First Responder resources for life and infrastructure protection will be reduced as a result of improved fire protection planning.
19-FP-TGU-1081	Tehama Conservation Fund	TinderSmart Tehama Program	Tehama	\$270,430	The Program will reduce hazardous vegetative fuels around homes and adjacent open spaces within private parcels owned by willing Tehama County participants. According to the FHSZ Viewer, most of the county is classified as Very High and High within its SRA and LRA lands. Reducing these fuels will reduce the risk of ignition and fire spread around structures and adjacent open areas. To do so, vegetative fuels will be treated using an array of methods such as chipping, mastication, and hand treatment. The chipped material will be

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					broadcast back onto treatment areas to avoid the generation of GHGs related to transport of material to a cogeneration facility or burning it in piles.
19-FP-TUU-2020	Tulare County Resource Conservation District	Doyle Springs Fuel Reduction Project	Tulare	\$202,877	Heavy fuels surrounding and within the community would be treated by a combination of mastication, chipping, and removal. This would reduce the chances of a fire originating in or entering the area. This could reduce the potential GHG emissions created by wildfire. The fuels will be either left on site in the form of chips or hauled to a biomass or other processing facility (shavings, decorative chips, etc.). These treatment methods in lieu of burning will store the carbon for a longer period, further reducing GHG emissions.
19-FP-TUU-2115	Three Rivers Fire Safe Council	Three Rivers Wildfire Preparedness Education and Outreach	Tulare*	\$37,689	Devastating wildfires released 45 million tons of CO2 into the air in 2018. That is 9 times more GHG emissions than the state reduced that year. The 3RFSC will conduct public outreach and wildfire education with the goal of limiting unintentional/accidental ignitions. Activities include education brochures, HIZ evaluations, public presentations & events, community signage and visitor specific educational materials. Prevention education is the key to reducing carbon dioxide and

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					other Greenhouse Gas Emission produced by wildfires, thus improving public health and safety of 3 Rivers residents and visitors.
19-FP-TUU-2116	Three Rivers Fire Safe Council	Three Rivers and Kaweah Community Risk Assessment and CWPP	Tulare*	\$75,600	<p>Three Rivers is a designated Extremely High Fire Risk Community by the California Fire Alliance. Situated in the foothills just below Sequoia National Park, our entire community is within the WUI with roughly 1,500 houses & buildings equating to approx. 2,248 people. Our population density is only 48 people per square mile in our 44.5 square mile community. The 3RFSC is seeking funding for a risk assessment & development of a 3 Rivers specific CWPP.</p> <p>Although the county of Tulare has a CWPP that is inclusive of 3 Rivers it is our goal to create a CWPP that specifically outlines the unique fire risk challenges that our community faces - and a strategy to address these challenges.</p>
19-FP-VNC-2041	Bell Canyon Community Service District	Bell Canyon Home Ignition Zone Inspection Training	Ventura	\$37,257	We will be training Bell Canyon resident volunteers on how to conduct a Home ignition Zone inspection. Will be conducting inspections for residents in Bell Canyon advising them on how to improve their defense against wild fire and harden their homes. The result will be a community whose homes have been hardened against the threat of

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					wildfires. There are 700 homes in our community. In Woolsey Fire 38 homes were destroyed and the primary cause was wind-blown embers. This program will improve Bell Canyon's ability to withstand that threat. This is a direct benefit to the SRA and will improve public awareness and reduce human caused ignition.
19-FP-VNC-2077	Ventura County Resource Conservation District	Living With Fire: Building Resilience in Ventura County	Ventura	\$100,425	The following co-benefits will occur, increase, and be maintained upon landowner implementation through the development of a robust fire-wise, climate-smart education and outreach program. This program is to include financial and technical incentives for landowners to participate in, to help support the implementation of vegetation management and structure hardening retrofits/upgrades. Carbon emissions will be avoided through the removal of flammable material from structures and neighborhoods; public health and safety will be protected by decreasing wildfire risk to residences; residential and agricultural landscapes will gain improved water holding capacity through the application of mulch.
Total Grants Awarded: 55		Total Amount Awarded: \$43,510,317			

Information about this report:

- List contains awarded CCI grants for 2019-2020 CCI Fire Prevention Grants.
- The county locations identified in the project may also span multiple Counties, CAL FIRE Units and/or Regions.
- All the application packages are subject to change due to final agency contract revisions and amendments.
- Fire Prevention Grants are generally funded for a 4 - year grant cycle:
 - The grants work is to be completed by March 15, 2024 (end of the grant cycle).
 - The grantee is required to submit the final invoices by April 30, 2024.
 - All the funds will be disencumbered by June 30, 2024.
- 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.
 - Projects must provide benefits to habitable structures in the State Responsibility Area (SRA). Non-SRA lands may be included within project boundaries, but project activities must provide a benefit to SRA.

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