

CAL FIRE California Climate Investments (CCI) Program - FY 2020-2021 Fire Prevention Grant Applications

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
20-FP-AEU-0058	El Dorado County Fire Safe Council	Grizzly Flats Unit 3 Fuels Reduction Project	El Dorado	\$413,840	The proposed project will remove approximately 5000 board feet per acre of timber resulting in a forest stand with a 30-foot crown base height. Surface fuels will be treated to support no greater than 4-foot flames lengths over 75 percent of the project area. The combination of reducing horizontal and vertical tree continuity will prevent catastrophic fire which in turn results in stand survival. The treatment proposed will also increase growth rates of the remaining stand as they have less inter-tree competition for resources. Approximately 5000 board feet of timber will be removed per acre and sold to the SPI mill in Lincoln, California.
20-FP-AEU-0064	El Dorado Resource Conservation District	The Placerville-Texas Hill Community Wildfire Protection Strategy	El Dorado*	\$2,349,440	The Project is a network of hazardous fuels treatments on 940 acres. Fire models show that current conditions could result in fire spread rates of 0.5 MPH, up to 20-foot flame lengths and active crown fire, with post-treatment conditions of 0.125 MPH fire spread, 4-foot flame lengths and reduced crown fire activity, providing improved fire suppression, structure protection and safer ingress/egress. The greatest GHG benefits are avoided emissions from catastrophic wildfire and reduced use of fossil fuels to fight fires with heavy equipment. Long term GHG benefits are improved growth and carbon sequestration by large trees in fuel breaks from reduced competition for water and resources.

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20-FP-AEU-0083	El Dorado County Fire Safe Council	South El Dorado County Fuel Reduction	El Dorado*	\$905,731	The project will reduce GHG by (1) creating two shaded fuel breaks (77.5 acres) to increase wildfire resilience and provide a space for firefighters to control a wildfire; (2) reducing hazardous fuels along 35 miles of collector and arterial roads in the southern portion of El Dorado County (serving 1,659 residences) to improve emergency access for firefighters and other emergency vehicles, in the event of a wildfire, and to improve emergency egress for over 7,800 residents in this portion of El Dorado County; and (3) outreach to educate and inform residents within the area about how to reduce hazardous fuels along local neighborhood roads.
20-FP-AEU-0084	Auburn Lake Trails Fire Safety and Improvement Council	NORTHERN PERIMETER SHADED FUEL BREAK	El Dorado	\$858,500	The Project provides for the maintenance and expansion of the existing SFB between Auburn Lake Trails (ALT) and ASRA. The Project includes approx. 300 acres of heavily wooded terrain, the majority of which is in a Very High Fire Hazard Severity Zone (FHSZ) and the remaining portions are located in a High FHSZ. The Project will include the removal of ladder fuels and management of the forest crown. This will help to protect ALT and provide a safer location from which to control the propagation of a wildfire. The necessary NEPA and CEQA determinations will be included to protect the environment. The Project will promote forest health and therefore, the reduction of Greenhouse Gas Emissions.

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20-FP-AEU-0096	El Dorado County Fire Safe Council	Chipper El Dorado	El Dorado*	\$987,289	<p>This project will reduce wildfire ignitions and directly reduce GHG emissions by eliminating over 1200 residential burn piles and eliminate the GHG emissions from burning over 300,000 cubic yards of green waste. Escaped burn piles are a primary cause of wildfire in El Dorado County. By chipping the material rather than burning eliminates 1200 potential ignitions. This reduces the total amount of wildfire along with the harmful emissions. Escaped burn piles have the catastrophic potential to create major wildfires and threaten high value resources.</p> <p>The program turns negative environmental and GHG impacts into positive effects on the environment, watershed and habitat by chipping the material.</p>
20-FP-AEU-0122	Pollock Pines Camino Fire Safe Council	Sly Park Road (SPR-1) & Gold Ridge Forest (GRF-1) Fuels Reduction	El Dorado	\$559,832	<p>Fire management strategies within the Community Protection Zone can dramatically reduce CO2 emissions. SPR-1 & GRF-1 will reduce the fuel loading adjacent to residential defensible space and along a critical travel corridor. The road clearance and shaded fuel breaks will:</p> <ol style="list-style-type: none"> 1) Reduce the rate of fire spread by removing understory fuel hazards through mastication or hand clearing; sequestering the cleared vegetation into the forest floor and restrict crown fire activity; 2) Provide accessibility of fire personnel to fight fire to mitigate spot fires that cause home ignition GHG emissions. <p>These combined features reduce the ember ignition risk to over 2,574 habitable structures and Forest.</p>

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20-FP-AEU-0123	El Dorado County	El Dorado County Hazardous Fuel Reduction Right of Way Project	El Dorado*	\$383,627	Fuel Reduction efforts to eight roadways in and around Diamond Springs would reduce combustible vegetation near isolated, rural communities. Half of the roadways where fuel reduction efforts will take place represent single-point egress routes for low-income neighborhoods, increasing the potential for devastation while limiting response routes. Wildfire would likely result in total devastation to the communities, homes, and infrastructure including mitigating high potential for loss of human life due to the areas being cut off. GHG benefits include faster response to these communities due to intact infrastructure, resulting in less infrastructure and community damage and lower GHG emissions.
20-FP-AEU-0125	Alpine Firesafe Council	Eastern Alpine Fuels Mitigation Project	Alpine*	\$3,083,428	This project will reduce stand densities and fuel loads, restore the structure and composition of forest ecosystems, and lower the potential for damaging, high-severity fire, which is the primary cause of GHG emissions and carbon loss from the land sector. Despite near-term carbon losses, thinning overstocked forests will result in lower forest densities, larger and more fire-resistant trees, and reduced fuel loads to minimize long-term black carbon and GHG emissions and create more stable carbon sequestration. The project is focused on protecting the small communities, homes, infrastructure, and forests in the project influence zone. Co benefits include improved air, water, and ecosystem.

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20-FP-AEU-0129	California Fire Safe Council	County Home Hardening Support Project	Sacramento*	\$19,558,683	This project will deploy 6 regionally based teams offering county level support for home hardening & defensible space projects throughout CA. These specially trained teams will serve as liaisons between local fire agencies, wildfire mitigation groups & community members offering best practices on the integration of defensible space treatment with home hardening retrofit projects. By blending these projects into a unified program, the long-term outcome will lead to increased community wildfire resistance. Our program will have a positive impact on greenhouse gas emissions by reducing the number of homes burned, thereby lowering the amount of greenhouse gasses released into the atmosphere.
20-FP-AEU-0184	Sacramento Metro Public Safety Foundation	Rancho Murieta Fire Prevention Ready	Sacramento	\$242,534	The Rancho Murieta Fire Prevention Ready project goal is to prevent catastrophic wildfires in our community by broadening common knowledge about important and effective wildfire prevention activities. By involving residents in the analysis of our community's fire risk factors and the identification of necessary fuel reduction areas, more residents will learn about the important fire prevention safeguards they can take to reduce the threat of wildfire. In addition, bringing all together to learn more about emergency preparedness and community evacuation through education and outreach activities will further reduce the threat of wildfire and thereby reduce Green House Gas (GHG) emissions.

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20-FP-AEU-0188	Georgetown Divide Fire Safe Council	Georgetown Marshall Road Fuels Reduction Project	El Dorado	\$278,700	<p>The project area has been identified in the Georgetown Community Wildfire Protection Plan as one of the highest priorities for providing egress for safe evacuation routes in the event of a wildfire, as well as for creating a strategic anchor point for firefighting resources to slow or stop the spread of wildfire that originates to the southwest and downslope from Georgetown. If a wildfire spreads east beyond this point, it would encounter hundreds of structures in Georgetown, then move on to heavily wooded areas (oaks, conifers and heavy brush), as well as vital infrastructure such as water supplies and power lines, resulting in a tremendous amount of greenhouse gas emissions.</p>
20-FP-AEU-0192	City of South Lake Tahoe	City of South Lake Tahoe Hazardous Fuel Reduction	El Dorado*	\$925,960	<p>South Lake Tahoe Fire Rescue has been working collaboratively with staff, the Tahoe Network of Fire Adapted Communities, and other agencies to create a fire adapted community on the south shore of Lake Tahoe. The City proposes to assist in this effort through:</p> <ol style="list-style-type: none"> 1. Removal of disease, dead and dying trees on various city owned parcels. 2. Fuel load reductions in high density stream zones under City jurisdiction, located within wild land urban interface with inadequate defensible space and proximity to multiple residences. 3. Fuel load reductions and creation of defensible space around Airport facilities; necessary to protect critical airport building assets and emergency infrastructure.

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20-FP-AEU-0215	El Dorado Irrigation District	El Dorado County Critical Water Treatment Plant Fuels Treatment Protection	El Dorado	\$63,800	<p>EID proposes to reduce hazardous fuel vegetation and remove dead and dying trees at the Reservoir A Water Treatment Plant (Res-A VWP). Res-A WTP is the primary supply of drinkingwater for over 85,000 EID customers and during periods of the year supplies water to EID's entireservice area serving over 127,000 customers. The project is designed to protect this critical watertreatment facility against interruptions of service and safeguard firefighting water resources duringfire suppression efforts. The project reduces greenhouse gas emissions by minimizing the risk of catastrophic wildfire and increases the carbon sequestration capacity of the existing forested area.</p>

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20-FP-AEU-0235	Amador Resource Conservation District	Amador Community Chipping Project	Amador*	\$718,222	<p>This project proposed by the Amador Resource Conservation District (ARCD) will significantly reduce the greenhouse gasses and smoke pollution created when residents burn cuttings on their property. It has been estimated that over 14,000 cubic yards of debris that would have been slated for residential burning could be left as material for ground cover in Amador County if this chipping program is funded. The program also reduces fire risk from escaped burn piles while improving water retention and quality. The program is designed to assist and encourage all residents throughout the county to create and maintain defensible space around their homes and driveways. This includes removal of branches from dead and dying trees to reduce the ladder fuel. We expect up to 1,050 properties to take advantage of this service and 35,000 cubic yards of material will be safely processed during the life of the project. The Amador Community Chipping Project funded by the CAL FIRE Fire Protection Grants Program will build on the success of the Amador Community Chipping Program funded by the California Fire Safe Council (CFSC) with the 2019 State Fire Assistance (SFA) wildfire prevention grant. With the CFSC SFA grant the Amador Resource Conservation District (ARCD) was able to utilize the models of successful community chipping programs in neighboring El Dorado and Calaveras counties to develop a program in Amador County.</p>

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20-FP-AEU-0299	Alpine County	Hot Springs Corridor Fuels Reduction	Alpine*	\$588,000	The project will reduce hazardous wildland fire fuels on 600 acres of federal land (FRA) in the Hot Springs Road corridor. This work, in combination with projects conducted by other agencies will have the effect of reducing the likelihood of wildland fire in the Hot Spring Road corridor and Markleeville area. It will reduce the potential for large amounts of greenhouse gasses that would be released in an intense wildfire. There are approximately 136 residential structures in the SRA within the Hot Springs Road corridor, along with the Grover Hot Springs State Park facilities and community infrastructure serving the developed areas.
20-FP-AEU-0309	City of Placerville, CA	City of Placerville Hazardous Fuels Reduction Project 2021	El Dorado*	\$985,743	Our proposal is to clear fuels on 76.87 acres of City property, to purchase equipment to maintain these cleared areas, and to offer a grant program for disadvantaged residents to reduce fuels on private property through a grant that pays contractors directly for fuel reduction within the City limits. GHG benefits include the use of goats for initial reductions, the equipment to keep those fuels reduced, and the help to residents that cannot afford to reduce fuels on their own property.

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20-FP-AEU-0310	Amador Fire Safe Council	Pine Acres Fuelbreak Maintenance	Amador*	\$515,405	The focus of the project is fuel reduction/maintenance of the existing Pine Acres Fuelbreak. The Pine Acres Fuelbreak originally begun in 2002 is approximately 8 miles in length. It is credited with stopping the Butte Fire (CA-AEU-024918) from entering Amador County on September 9&10, 2015. Had the fuelbreak not been in existence the Pine Acres subdivision most certainly would have been destroyed, along with most of the towns in the southwest portion of the county (see "Butte Fire Pine Grove Fuelbreak Success Story" attached). GHG emissions will be reduced by creating a forest resilient to wildfire.
20-FP-AEU-0412	Stewardship West	Eldorado Shared Stewardship Roadside Hazardous Fuels Reduction Project	El Dorado*	\$4,264,704	Stewardship West's proposal will improve 107 miles of fire break by reducing hazardous fuels alongside existing roadway. This fire break will slow or stop the spread of wildfire, create an accessible and defensible area for firefighters. Mitigating the risk of catastrophic wildfires benefit the thousands of residential homes and businesses in the area and reduces or eliminates black carbon being released into the atmosphere.

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20-FP-BDU-0152	City of Chino Hills	Wildfire Mitigation and Prevention Outreach Project	San Bernardino*	\$220,641	The project will clear fire access roads, reduce hazardous vegetation, and increase defensible to 664 habitable structures adjacent 185 acres in the City's open space area susceptible to wildfires. Existing fuels in these areas contribute to increased fuel loads and fire frequency. The project will reduce ignitions originating and/or escaping to the surrounding open space area, adjacent homes, and the adjacent Chino Hills State Park where the scale of a wildfire can quickly grow out of control and release countless tons of GHG emissions into the atmosphere. Additionally, Santa Ana winds add to the risk of wildfire spread due to the ash blowing during extreme wind conditions.
20-FP-BDU-0153	Mountain Rim Fire Safe Council	Community Chipping 2021	San Bernardino*	\$411,631	The curbside chipping services encourage property owners to more actively participate in creating defensible space. Wildfire is reduced by removing vegetation; decreasing fuel and preventing wildfires. Chipping reduces atmospheric carbon release and is considered a green alternative to debris burning; improved forest health leads to greater CO2 sequestration. To date, MRFSC's curbside chipping has removed approximately 36,624 green tons over a four year period.

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20-FP-BDU-0154	Mountain Rim Fire Safe Council	Hazardous Dead Trees 2021	San Bernardino*	\$454,973	Hazardous dead tree removal assistance encourages property owners to more actively participate in creating defensible space. Wildfire is reduced by removing vegetation; decreasing fuel and preventing wildfires. Tree removal reduces atmospheric carbon release in the event of wildfire by removing heavy fuels and is considered a green alternative to debris burning. Also, removing this biomass improves forest health leading to greater CO2 sequestration.
20-FP-BDU-0187	Whitebark Institute of Interdisciplinary Environmental Sciences	Wildfire Prevention in the Eastern Sierra: Visitor Education and Outreach	Mono*	\$881,162	The Eastern Sierra region of California (Inyo, Mono, and Alpine Counties) receives more than 4 million visitors per year. The primary activity of most visitors is recreation, including camping, hiking, fishing, off-roading, and backcountry travel. Over the past several years, at least 10 wildfires in the Eastern Sierra have started from campfires, burning more than 30,000 acres. Educating visitors about their role in wildfire prevention will limit the number of human-ignited wildfires and therefore prevent potentially tens of thousands of acres of forest and shrubland from burning. In turn, reduced wildfire starts will translate to fewer greenhouse gas emissions.

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20-FP-BDU-0212	Bishop Paiute Tribe	2022-2025 Bishop Paiute Tribe Fire Prevention	Inyo*	\$864,717	This Project will focus on cutting fuels ladders from the ground to the tree branches and removing old build up debris that has accrued for over 20 years. by removing the dead and down and thinning out areas we will encourage new growth to come back healthier than previous years. with the removal of fuel and the new growth will reduce green house gases.
20-FP-BDU-0213	Bishop Rural Fire Protection District	Bishop Wildfire Prevention and Community Partnership Program	Inyo*	\$89,998	Updating the department's outdated fire/burn permit program, launching a community prevention program, and fire prevention education in local schools will increase fire safe practices in the community. Additionally, the new fire prevention officer's duties will include interaction with campers and visitors to prevent dangerous campfire practices and work in tandem with other fire prevention programs in the area, including those of local fire safe councils. Smoke from wildfires often becomes trapped in the Owens Valley for weeks. By preventing fires before they start, BRFPD hopes to reduce this public health risk and GHG throughout the Eastern Sierra.

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20-FP-BDU-0258	The Forestry and Fire Recruitment Program	Engaging Former Camp Residents as Leaders in Fire Prevention	San Bernardino	\$1,326,417	<p>Implementing community education and fire prevention projects that will "prevent the need for the rehabilitation of communities following wildfires."</p> <p>Utilizing FFRP's in field training events to create fuel breaks and defensible space needed to "provide fire personnel with more opportunities to access the fire perimeter to extinguish fires more quickly, thereby reducing GHG emissions", "Encourage projects that result in smaller scale fires to reduce carbon emissions and reduce the carbon impact."</p>
20-FP-BDU-0273	Whitebark Institute of Interdisciplinary Environmental Sciences	Enhancing Community Wildfire Protection Planning in Inyo County	Inyo*	\$145,758	<p>Community wildfire protection planning is a key piece in understanding how wildfire might impact a community and what can be done to protect it. Actions taken in the implementation of a CWPP will reduce the severity of a wildfire if it does reach (or start within) a community, which will in turn limit the amount of greenhouse gas emissions. CWPPs can also limit the impact of wildfire on homes and property by emphasizing defensible space and home hardening. Given the robust vegetation in both of the communities included in this proposal, focusing on defensible space will go a long way towards minimizing the impact of wildfire in the community.</p>

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20-FP-BDU-0300	Whitebark Institute of Interdisciplinary Environmental Sciences	40 Acres Community Fuel Reduction	Inyo	\$602,705	This proposal will reduce hazardous fuel loads on 40 acres of private property and a 29-acre fuel break on City of Los Angeles and federal lands. The vegetation management projects will reduce GHG emissions by: reducing the acres and structures burned by wildfires; reducing vehicular transportation of hazardous fuel to the Bishop Landfill, approximately a 50-mile round trip; and reducing pile-burns on individual properties. We will pool individual vegetation management projects into larger community-wide endeavors. By condensing multiple loads and trips into a single load of chipped wastes, GHG's will be reduced. One load of chippings is equivalent to ten loads of brush and cuttings.
20-FP-BDU-0319	Whitebark Institute of Interdisciplinary Environmental Sciences	Community Fuels Reduction in Inyo and Mono Counties	Mono*	\$724,978	This project will limit the extent of wildfire in Eastern Sierra communities by reducing fuel along the perimeter of three communities and promoting the creation of defensible space in more than a dozen communities. The cumulative fuel reduction that results will reduce the reach that wildland fire can have within these communities, thereby preventing fires from becoming even larger and emitting more greenhouse gases. These activities will protect homes, properties, lives, and other associated community infrastructure such as water systems, power lines, and businesses.

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20-FP-BDU-0344	Whitebark Institute of Interdisciplinary Environmental Sciences	Early Detection of Wildfires in Three Mono County Communities	Mono*	\$477,630	Project will reduce wildfires throughout Mono County by implementing early wildfire detection for the communities of Mammoth Lakes, June Lake, and Crowley Lake. SmokeD detectors will provide quick and reliable automatic warnings about newly emerging fires. Early identification of wildfires will greatly help firefighters in effective decision-making regarding fire extinguishing and management helping in reducing number of fires and area burned. These detection activities will reduce likelihood of catastrophic wildfire and associated greenhouse gas emissions. Greenhouse gas emissions will be reduced through prevention of fires causing emissions of GHG such as CO ₂ , NO, and O ₃ .
20-FP-BEU-0010	City of Pacific Grove	City of Pacific Grove Safety Element Update	Monterey	\$90,000	As an update to the City's 1994 General Plan Safety Element, the scope of work would incorporate the findings and recommendations of both the Monterey Fire Community Wildfire Protection Plan (CWPP) and Monterey Co. Multi-Jurisdictional Hazard Mitigation Plan (MCMJHMP) currently underway, adopt policies for fire fuel reduction activities (on both private and public properties), identify improved evacuation routes, further disaster readiness planning efforts, improve coordination with our neighboring State and local fire protection partners, prepare for a robust update to fire codes, and undertake community outreach and education efforts.

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20-FP-BEU-0067	The Regents of the University of California	Expanding Capacity of the Central Coast Prescribed Burn Association	San Benito*	\$705,023	This project plans to reduce CO2 and particulate matter emissions by implementing prescribed fire as management tool, where this treatment is meant to reduce the risk of uncontrolled wildfire spreading and significantly impacting local resources. Because prescribed fire is planned, the activities described in this grant proposal will reduce greenhouse gas emissions when compared to an equivalent size wildfire within a range of at least 18 to 25% less CO2 and particulate emissions.
20-FP-BEU-0263	City of Del Rey Oaks	City of Del Rey Oaks - Fire Prevention Program	Monterey*	\$131,632	The goal of this project is to reduce fire fuels along our greenbelt; this will reduce the total amount of wildfire potential around various infrastructures and other resources. The fire fuels would be treated by a combination of chipping, pruning, mastication, thinning, and biomass removal. The fuels will be either left on site in the form of chips, or hauled to a biomass facility. The use of these treatment methods instead of burning will store carbon for a longer period of time, thereby reducing GHG emissions. This project will also decrease the overall fuel load, thereby increasing the survivability of mature trees during wildfire events while also reducing GHG emissions.

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20-FP-BEU-0264	Fire Safe Council For Monterey County	Coastlands/BigSur Community Fuel Reduction 2021	Monterey*	\$289,441	The Coastlands/BigSur Community Fuel Reduction Project is located in Monterey County, CA, which is rated at the highest priority of need for wildfire fuel reduction work in the nation by the national Wildland Fire Leadership Council. The Project will reduce hazardous accumulations of wildfire fuels to safe levels, open and maintain emergency ingress/egress, create defensible space, all to prepare for and help avoid wildfire in the area. All of that work will lower the potential of wildfire burning homes, trees, and brush, all of which emit GHGs when burned in a wildfire, thereby lowering potential for GHGs contributing to climate change.
20-FP-BEU-0378	University Corporation at Monterey Bay	East Campus Wildfire Fuel Reduction	Monterey	\$275,000	The Fuel Reduction Project will reduce the risk of wildfires to the East Campus Community and the avoidance of Greenhouse Gas emissions will occur as the fuel reduction projects planned and coordinated by this project are funded. Greenhouse Gas emissions will be reduced by the project and the CSUMB will maintain the work after the project is completed. Additionally, any trees that must be removed will be replaced 2 or 3:1 as part of CSUMB campus-wide habitat restoration efforts and that effort would consider the placement of trees to not impact future fire load, this policy will reduce GHG emissions, (since tree removal increases GHG).

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20-FP-BTU-0220	South Feather Water and Power Agency	Irrigation System Fuel Reduction	Butte*	\$32,716	South Feather Water and Power Agency's irrigation system meanders through 10 communities at risk in Butte County (specifically Battalion 5 & 6). Minimizing the fuel load near this infrastructure would help to slow fire spread & create a buffer zone of additional defensible space for homeowners where the infrastructure/utility easements neighbor their properties. Road clearance in some portions of our district could also be thinned, which allows for greater entrance and egress, especially during a fire event. In addition, our request to procure a new gas-powered brush chipper would reduce our emissions footprint versus our current diesel powered unit.
20-FP-BTU-0269	Yankee Hill Fire Safe Council	Concow / Yankee Hill HFR - Tree Mortality and Biomass Reuse	Butte*	\$990,685	Reducing the fuel load will lessen fire intensity allowing an increase of structure survivability and anchor points for suppression, remove decaying tree debris reducing GHG's, and support new forest growth that will increase carbon sequestration.
20-FP-BTU-0270	Yankee Hill Fire Safe Council	Concow / Yankee Hill - Evacuation Routes	Butte*	\$836,657	Reducing the fuel load will lessen fire intensity allowing an increase of structure survivability and anchor points for suppression, remove decaying tree debris reducing GHG's, and support new forest growth that will increase carbon sequestration.

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20-FP-BTU-0271	Yankee Hill Fire Safe Council	Concow / Yankee Hill - Staging Areas	Butte*	\$723,873	Reducing the fuel load will lessen fire intensity allowing an increase of structure survivability and anchor points for suppression, remove decaying tree debris reducing GHG's, and support new forest growth that will increase carbon sequestration.
20-FP-BTU-0295	Paradise Alliance Church	Fuel Reduction Assistance Program	Butte*	\$153,400	With the proper mitigation of vegetation in and around the town of Paradise, the chances of seeing a large fire event going through populated areas can be greatly reduced. Drought levels according to the drought monitor show an extreme drought in Butte County while we are already in an extreme wildfire risk area. The result of this could be high risk of fire and in effect a danger to life and property. Also, in effect are the higher levels of GHG's according to historic data on extreme drought conditions. The Fuel Reduction Assistance Program would create defensible space on overgrown properties throughout the burn scar of the Camp Fire, and would greatly reduce the chances repeat events.
20-FP-BTU-0303	Butte County Fire Safe Council	Defensible Space for Special Needs	Butte*	\$1,499,029	The project will eliminate vertical and horizontal continuity of vegetation around structures and assets at risk in the Wildland Urban Interface of Butte County. Green House Gas (GHG) benefits will include reducing the potential of high intensity wildfire emissions and increasing carbon sequestration in trees.

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20-FP-BTU-0304	Butte County Fire Safe Council	Wildfire Reduction Chipper Program	Butte*	\$499,377	The proposed program will eliminate vertical and horizontal continuity of vegetation around structures and assets at risk in the Wildland Urban Interface of Butte County. Green House Gas (GHG) benefits will include reducing the potential of high intensity wildfire emissions and increasing carbon sequestration in trees.
20-FP-BTU-0305	Butte County Fire Safe Council	Camp Fire and North Complex Wildfire Hazardous Fuels Reduction	Butte*	\$1,499,847	Fuels reduction will eliminate vertical and horizontal continuity of vegetation around structures and assets at risk in the Wildland Urban Interface. Green House Gas (GHG) benefits include reducing potential of high intensity wildfire emissions and increasing carbon sequestration in trees.
20-FP-BTU-0306	Butte County Fire Safe Council	Roadside Evacuation Hazardous Fuels Reduction	Butte*	\$999,686	The benefit to GHG emissions is the decrease in GHG's emitted during wildfires. Carbon sequestration and storage will increase over time through the proposed project by decreasing the overall fuel load and increasing the survivability of mature trees during wildfire events. By implementing forest thinning, mastication, grazing, and grazing, the proposed project will reduce the total amount of wildfire emissions.

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20-FP-BTU-0307	Butte County Fire Safe Council	Wildfire Youth Education and Outreach	Butte	\$249,922	The proposed project will result in reduction of fire hazardous vegetation around structures and assets at risk in the Wildland Urban Interface. GHG benefits include increasing carbon sequestration in trees and reducing potential of wildfire emissions. Additional benefits include; youth education of benefits to reduced GHG emissions, wildfire preparedness, and increased capacity for wildfire education programs for youth.
20-FP-BTU-0339	Butte County Office of Education - Back 2 Work Program	Defensible Space and Biochar On-the-Job-Training: A Partnership between the Butte County Office of Education, Butte County Fire Safe Council, and the Elijah House Foundation	Butte*	\$779,956	Wildfires within WUI zones produce an even greater amount of harmful greengases, as structures, vehicles, and other man-made and chemically derived toxins are released into the atmosphere. Bigger and more frequently occurring fires result in more emissions and more negative consequences to humans and atmospheric conditions alike. Our project will reduce the amount and density of combustable materials adjacent to residential properties and structures. This outcome results in a reduction in the propensity for ignition, as well as in the amount of emissions released during wildfire events directly as a result of project efforts.

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20-FP-BTU-0345	Butte County Fire Safe Council	Wildfire Hazardous Fuels Mastication Pilot Project	Butte*	\$999,921	The project will eliminate vertical and horizontal continuity of vegetation around structures and assets at risk in the Wildland Urban Interface. GHG benefits will include reducing the potential of high intensity wildfire emissions and increasing carbon sequestration. Forest thinning, mastication, and chipping will result in decrease of overall fuel load, increasing the likelihood of tree survivability during wildfire significantly increasing carbon sequestration and storage. Fuels Reduction projects that were completed in Butte County prior to the 2018 Camp Fire and 2020 North Complex Fire have illustrated that resources at risk can survive wildfire with fuels reduction.
20-FP-CZU-0178	North County Fire Authority	Pacifica Public Education	San Mateo	\$100,000	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 four main types of fires ignited by humans: campfire escapes, children playing with fire, roadside fires, and wildfires associated with smoking materials. By increasing awareness throughout the city, we can change the human behaviors that have historically caused fire ignition and thereby reduce wildfire emissions. The targeted communities include high-density suburban style housing developments.

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Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
20-FP-CZU-0181	North County Fire Authority	Pacifica Roadway Vegetation Management	San Mateo*	\$200,000	The Scope of this projected is to clear vegetation off either side of the roadway to reduce the likely of roadway fires while improving fire department access, and evacuation routes for the community. Ensuring roadways are as wide as possible will give residents the best opportunity to evacuate safely. During a wildfire it is likely that emergency crews will be entering the same roadways that the residents are evacuating. This project will improve the continuity of arterial roadways through Pacifica regarding wildfire. The objective is to reduce the vegetation along the roadway to create safer ingress and egress routes for fire personnel and evacuees.
20-FP-CZU-0182	North County Fire Authority	Pacifica Fuels Reduction Project	San Mateo*	\$700,000	A reduction in flammable vegetation will provide an area for fire suppression crews to hold a wildfire between developed and undeveloped lands. Limiting the fire's ability to spread rapidly. Some of these areas may act as a shaded fuel break maintaining cooler moister understory conditions and understory vegetation remains greener longer into the growing season. This helps to reduce fire spread within the fuel break. Fuel breaks provide opportunities for firefighting success by creating areas of lower fire intensity, improved access for firefighters, and increased fireline construction rates.

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Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
20-FP-CZU-0193	North County Fire Authority - City of Brisbane	Brisbane Fire Break Project	San Mateo*	\$700,000	Project would create a fire break behind homes in the upper portion of Brisbane and would connect into an existing 100 foot by 1,700 foot fire break, that has already been established and maintained by use of CAL FIRE inmate crews from Ben Lomond. The fire break would help prevent the need for cleanup and rebuilding of homes following a destructive wildfire, allow firefighters easier access to extinguish a fire more quickly, thus reducing GHG emissions, improve the health and resilience of treated areas by removing vegetation and creating a shaded fire break, which would help increase carbon sequestration. Orderly growth and development to reduce GHG emissions.
20-FP-CZU-0194	North County Fire Authority - City of Brisbane	Brisbane Wildfire Public Education Program	San Mateo*	\$100,000	Educating the community about wildfire awareness and the proper cutting and clearing of property will reduce the chances of a wildfire occurring, and prevent fires caused by ember casting should a fire occur. Reducing the wildfire threat, reduces GHG emissions, improves the health and resilience of treated areas by removing vegetation, which would help increase carbon sequestration. Orderly growth and development to reduce GHG emissions.

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Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
20-FP-CZU-0195	North County Fire Authority - City of Brisbane	Roadways Fuels Reduction Project	San Mateo*	\$200,000	The reduction of fuels along roadways would create a fire break between streets would help prevent the spread of wildfire and jumping from street to street. This will reduce the threat of wildfire to homes, allow for better access for firefighters to extinguish a fire more quickly, thus reducing GHG emissions, improve the health and resilience of treated areas by removing vegetation, which would help increase carbon sequestration. Orderly growth and development to reduce GHG emissions.
20-FP-CZU-0280	City of Belmont	City of Belmont Hazardous Fuels Reduction Project	San Mateo	\$325,000	The Project will include community outreach, the development of a resource management / vegetation management plan, and targeted hazardous fuel reduction to create a comprehensive wildfire prevention and defense strategy. The primary objective of the Project is to reduce the total amount of wildfire around communities, homes, infrastructure, and other highly valued resources through fuel management and the fuel types that lead to dangerous wildfire conditions. This holistic approach to wildfire safety and prevention will provide immediate protection through targeted fuels reduction and medium- to long-term GHG reduction through planning and community engagement focused on fire prevention.

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Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
20-FP-CZU-0286	Resource Conservation District of Santa Cruz County	Santa Cruz Co Hazardous Fuel Reduction & Summit Rd Shaded Fuel Break	Santa Cruz*	\$1,263,079	The proposed projects reduce the potential for catastrophic fire across Santa Cruz County by considerably reducing fuel loads in a number of neighborhoods and along important evacuation routes and fire prevention corridors. Reduced fuel loads decrease the chance that an ignition will result in a wildfire. They also decrease the rate of spread and intensity of a wildfire, allowing firefighters a chance to contain a fire to a smaller area in a shorter amount of time. Decreasing the number of wildfires will reduce emissions and wildfires that do occur in areas where vegetation is less dense emit considerably less carbon dioxide than when densely vegetated, unmanaged fuels burn.
20-FP-CZU-0315	Woodside Fire Protection District	Hwy 35 Evacuation Route Shaded Fuel Break	San Mateo*	\$2,679,223	The 2020 catastrophic wildfires in California consumed entire neighborhoods causing economic tragedy to many cities and counties. They also released staggering amounts of greenhouse gases into the atmosphere. Wildfires emitted 111.7 million metric tons of carbon dioxide according to the California Air Resources Board. This proposal is designed to reduce wildfires and carbon emissions, as well as protect life, property, infrastructure and the watershed by focusing on ridge line forested areas and a Hwy 35 evacuation route. This project will reduce ignitions, rate of spread/intensity of ignitions near vulnerable communities and create a safer evacuation route and promote wildfire resiliency.

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Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
20-FP-CZU-0332	City of South San Francisco	South San Francisco Sign Hill Fire Prevention Project	San Mateo*	\$500,000	The South San Francisco Sign Hill Fire Prevention Project will allow the City of South San Francisco to conduct much needed hazardous fuel reduction at “Sign Hill” on San Bruno Mountain. The project will help prevent and lessen the impact of wild and brush fires that are started and can burn out of control due to dry conditions, thus protecting thousands of habitable structures throughout South San Francisco, including residential and commercial areas, as well as critical communication infrastructure from the environmental and economic impacts of wildfires. The project will accomplish these objectives through the clearance of brush, removal of trees and the creation of a fuel barriers
20-FP-CZU-0341	Woodside Fire Protection District	WFPD Community Hazard Assessment Map	San Mateo*	\$42,000	The Towns of Woodside, Portola Valley and portions of unincorporated San Mateo County make up the 32 sq miles of the Woodside Fire Protection District, (WFPD). The jurisdiction is extremely vulnerable to wildfire with intense WUI elements. Last years CZU Fire came within 7 miles of the WFPD. The potential for catastrophic wildfire the size and intensity of the CZU Fire is very much a reality for the WFPD. Unchecked greenhouse gas emissions and particulate pollutants are synonomous wiith wildfire. By creating a hazard assessment risk map we can focus and prioritize fuel reductionpn projects and more intense wildfire resilience programs in the areas of greatest need by using a scientific tool.

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Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
20-FP-FKU-0104	County of Fresno	Auberry Road and Peterson Road Fuel Breaks	Fresno	\$4,410,000	Although the fuel breaks cannot prevent a wildfire from starting outside of the treatment area, it can provide a strategic location to contain a wildfire. The proposed fuel break locations will slow the advancement of a wildfire towards the communities of Auberry, Meadow Lakes, Bald Mountain, Shaver Springs, Cressman, and Shaver Lake. The proposed projects provide a green house gas benefit by minimizing the total acres, homes, and infrastructure that could burn during a wildfire. The utilization of biomass during the treatment of the project area directly reduces greenhouse gas emissions normally associated with open burning.
20-FP-FKU-0205	Sierra Resource Conservation District	Eastern Fresno County Firesafe and Stewardship Fuels Reduction and Post C	Fresno	\$961,743	This project will reduce the risk of wildfire by the completion of 100 FRE's, 50 Fuels Reduction Projects, 3 Public Education Activities, 1 Social Media Campaign, and 20 Community/Volunteer workdays covering a total 400 treatment acres and over 4,000 ownership acres within a two-year period. The outcomes include 75% of all biomass utilized and 8,500 tons of biomass removed. The biomass removal equates to 28,050,000 - 31,450,000 pounds CO2e sequestered by removal and wildfire prevention. GHG emissions are avoided without pile burning or prescribed burning, and implementation of SRCD Z-centric operation standards. This project estimates \$250 cost per acre for all activities.

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Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
20-FP-FKU-0294	OAK TO TIMBERLINE FIRE SAFE COUNCIL	BROOKSIDE FUEL BREAK	Fresno	\$274,503	Fuel loads will be reduced on 81 acres to provide a roadside shaded fuel break in the WUI At-Risk community of Miramonte, thus reducing possible wildfire emissions from the TIZ's vegetation/homes/infrastructure. In providing a safer zone to fight a wildfire, its intensity and spread to 3 contiguous WUI At-Risk communities, 2 National Parks & Forests and a National Monument will be reduced, minimizing possible wildfire emissions. Harvested fuels will not be incinerated; the woody biomass will be removed & locally re-purposed or masticate/chipped & used as mulch to improve the soil, its water retention and general forest health, reducing GHG emissions and enhancing carbon sequestration.
20-FP-FKU-0398	Yosemite/Sequoia Resource Conservation & Development Council	High Sierra Front Country Fuel Breaks Project	Fresno*	\$9,511,397	The project aims to treat 6,000 acres of public and private lands to create a contiguous system of fuel breaks and defensible fuel profile zones (DFPZs) in the front country of eastern Fresno County. The project will decrease hazardous fuel loading surrounding numerous communities, infrastructure, and resources in and around the Wildland Urban Interface/Intermix (WUI). The proposed project will decrease the risk and spread of catastrophic wildfires. These megafires emit enormous levels of GHGs and prevent forest carbon sequestration. Proposed treatments will reduce surface/ladder fuels, stabilize soil carbon, and retain and enhance the growth and survival of large, fire resistant trees.

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Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
20-FP-HUU-0137	Mid Klamath Watershed Council	Western Klamath Community Engagement and Wildfire Risk Mitigation	Humboldt	\$180,620	The Western Klamath Mtns hold some of California's highest levels of existing above-ground carbon and high carbon storage potential, but recent wildfires show the extreme potential for carbon loss. Over 340k acres in the region have seen stand replacing wildfire since 1977. Updating of the Orleans/Somes Bar CWPP, ratifying Happy Camp CWPP, and implementing targeted defensible space, educational/training events in four communities, are all pieces of becoming resilient and fire-adapted. Outcomes will significantly decrease the risk of wildfire ignitions within the WUI, protect homes, and support the larger Western Klamath Restoration Partnership seeking long term forest resilience.
20-FP-HUU-0175	HOOPA VALLEY TRIBE	Hoopa Valley Tribe Wildland Urban Interface Fuels Reduction	Humboldt	\$260,500	With an annual average of over 200 wildland fire starts within the WUI area, HVT has a history of fire statistics which quantify the need for WUI fuels reduction around homes and infrastructure. The BIA has agreed with the need and funded the staff for a 4 year POW. The proposed project of providing safe reliable transportation for the WUI crewmembers is the final key to making this cooperative effort sustainable. The logical and true on the ground implementation of reducing and preventing wildland fire spread that may have devastating effects on the public safety, infrastructure and property depends on the actual transportation of the WUI crewmembers. The BIA funding for the staffing for

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Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
20-FP-HUU-0237	Tolowa Dee-ni' Nation	Smith River Collaborative Gasquet Community Protection Project	Del Norte*	\$3,747,739	The proposed project creates and connects strategic fuelbreaks around Gasquet, CA to remove hazardous fuels, improve emergency egress, and create control features to allow effective local firefighting for this and nearby WUI communities. Much of the aboveground carbon around the communities is stored in vulnerable, dense stands of smaller trees, not in more resilient older forests. The proposed fuelbreak treatments will move stands out of the dense, closed-canopy stage and accelerate the development of conditions found in late-seral forests. Control features will limit fire size and intensity, protecting mature trees from stand-replacing fires and stabilizing carbon stocks in the long term.
20-FP-HUU-0282	County of Humboldt	CWPP Phase IV: Wildfire Preparedness	Humboldt*	\$871,214	This project will reduce the amount of hazardous fuels available to burn in a wildfire event; debris will be disposed of using primarily non-combustible methods. With far less matter combusted during a wildfire, GHG emissions will be far less than could otherwise be expected. In addition, the project will disrupt the horizontal and vertical continuity of fuels with shaded fuel breaks along evacuation routes to reduce the spread of wildfire. Reducing spread too, reduces potential GHG emissions by limiting the area burned. The education component will reduce human-caused ignitions (89% in 2020), and wildfire/emissions by extension, by promoting fire safety and creation of defensible space.

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Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
20-FP-HUU-0292	Mattole Outdoorsmen and Conservationists	Prosper Ridge Fire Protection	Humboldt*	\$160,700	The proposal will prevent wildfires and reduce their rate of spread in the Petrolia area by reducing fuels, reducing emergency response times, improving evacuation routes, and installing firefighting resources in strategically significant locations on Prosper Ridge. It meets specific high-priority objectives identified in county and local fire prevention plans. It protects homes, critical infrastructure, highly valued environmental and economic assets within the WUI, reducing GHG emissions. It protects old growth forests that sequester carbon, offset GHG emissions, and fight climate change. Project methods (e.g. mastication, low-emission equipment) are designed to minimize GHG emissions.
20-FP-HUU-0347	California State University	Northern CSU Wildfire Protection Plan and Phase 1 Implementation	Humboldt	\$13,609,792	The project will reduce the potential for wildfire around the Humboldt State University (HSU) and Sonoma State University (SSU) communities and natural lands used for applied research. A university Community Wildfire Protection Plan (CWPP) will be developed in collaboration with the local city and consistent with the county CWPP. Phase 1 mitigation measures that include structural hardening and reduction of wildfire fuels in and around student residence halls to prevent, stop or slow the spread of GHG emitting wildfire will be implemented. Other priority improvements can be accomplished in subsequent phases to further GHG reductions.

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Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
20-FP-HUU-0468	Southern Humboldt Community Park	SoHum Community Park Fuel Reduction and Public Safety	Humboldt	\$317,789	The proposed project will decrease the chance of wildfire by a reduction in ignition and spread. Reducing the fuel load within the project boundaries increases rapid suppression, thus decreasing the amount of wildfire emissions discharged. In the event of fire spreading from the proposed project boundaries critical infrastructure will be under threat. The emissions created from a recovery of incident would have an increase in greenhouse gas emissions. Using biomass in agricultural practices as well as rotational grazing reduces emissions and sequesters carbon. Utilizing these practices in our fuel reduction plan has a positive effect on emissions compared to traditional methods.
20-FP-KRN-0074	Kern County Fire Department	Kern MND	Kern*	\$50,400	Wildfires are a large producer of GHG emissions. This grant would produce a CEQA document that would be used for fuel reduction projects throughout the wildland areas of Kern County. The intent of these projects is to reduce the number and size of fires. A Mitigated Negative Declaration covering future projects would allow us to greatly increase our shovel ready projects list and also allow more funding to be spent on project work rather than preparing CEQA documents. The result would be more work getting done, hopefully fewer and smaller wildfires, and a corresponding decrease in GHG emissions.

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20-FP-KRN-0075	Kern County Fire Department	Kern Fuels Crews Supplies	Kern*	\$63,078	Wildfires are a large producer of GHG emissions. This grant would purchase supplies such as chainsaws, pole pruners, blowers, and weed whackers for our fuel reduction crews. The result would be more work getting done, hopefully fewer and smaller wildfires, and a corresponding decrease in GHG emissions.
20-FP-KRN-0076	Kern County Fire Department	Kern Chipper Days	Kern*	\$291,200	Wildfires are a large producer of GHG emissions. This project would assist home owners throughout the county in creating and maintaining defensible space around their homes. This could result in decreasing the number, size, and intensity of potential wildfires, which would reduce GHG emissions. Protection of lives, homes, and infrastructure would also result.
20-FP-KRN-0077	Kern County Fire Department	Kern Fuel Break Maintenance	Kern*	\$268,800	Wildfires are a large producer of GHG emissions. Kern County has an extensive network of fuel breaks designed to assist firefighters to stop or slow the progression of wildfires. These fuel breaks require periodic maintenance to remain effective. This grant would provide that maintenance over the next several years, which would reduce the size and intensity of potential wildfires, and result in a corresponding decrease in GHG emissions. It would also provide protection for lives, homes, and infrastructure.

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Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
20-FP-KRN-0078	Kern County Fire Department	Kern Roadside Brushing	Kern*	\$268,800	Wildfires are a large producer of GHG emissions. Kern County has many miles of roads that emergency personnel use to respond to fires and other incidents. This grant would provide funding to modify vegetation adjacent to roadways throughout the county. This would allow quick and safe access to firefighters as well as improving ingress and egress options for residents. This could reduce the size and intensity of potential wildfires, and result in a corresponding decrease in GHG emissions. It would also provide protection for lives, homes, and infrastructure.
20-FP-KRN-0079	Kern County Fire Department	Kern Tracked Chipper	Kern*	\$157,354	Wildfires are a large producer of GHG emissions. The Kern County Fire Department has various fuel reduction projects throughout our wildland areas. This grant would provide funding to purchase a remote controlled tracked chipper to access fuels that are not adjacent to roads. The construction and maintenance of fuel breaks is an important tool to help reduce the size and intensity of potential wildfires, and result in a corresponding decrease in GHG emissions. It would also provide protection for lives, homes, and infrastructure.

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Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
20-FP-KRN-0080	Kern County Fire Department	Kern Wheeled Chipper	Kern*	\$77,565	Wildfires are a large producer of GHG emissions. The Kern County Fire Department has various fuel reduction projects throughout our wildland areas. This grant would provide funding to purchase a towed/wheeled chipper to access fuels that are adjacent to roads. The construction and maintenance of fuel breaks, roadside brushing projects, and chipper days are all important tools to help reduce the size and intensity of potential wildfires, and result in a corresponding decrease in GHG emissions. It would also provide protection for lives, homes, and infrastructure.
20-FP-KRN-0081	Kern County Fire Department	Kern Skid Steer	Kern*	\$114,446	Wildfires are a large producer of GHG emissions. The Kern County Fire Department has various fuel reduction projects throughout our wildland areas. This grant would provide funding to purchase a skid steer with several attachments. This versatile machine would be used for the construction and maintenance of fuel breaks, roadside brushing projects, and chipper days, all important tools to help reduce the size and intensity of potential wildfires, and result in a corresponding decrease in GHG emissions. It would also provide protection for lives, homes, and infrastructure.

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Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
20-FP-KRN-0082	Kern County Fire Department	Kern Masticator	Kern*	\$249,832	Wildfires are a large producer of GHG emissions. The Kern County Fire Department has various fuel reduction projects throughout our wildland areas. This grant would provide funding to purchase a medium sized excavator with a mastication head. This versatile machine would be used for the construction and maintenance of fuel breaks and roadside brushing projects, important tools to help reduce the size and intensity of potential wildfires, and result in a corresponding decrease in GHG emissions. It would also provide protection for lives, homes, and infrastructure.
20-FP-KRN-0211	Farmworkers Institute of Education & Leadership Development	Greater Tehachapi Mountains Fire Fuel Reduction Initiative	Kern*	\$1,328,486	The Cesar Chaves Environmental Corps in partnership with Stallion Springs, Alpine Forest, Golden Hills, and Bear Valley Springs will remove and repurpose 178 acres of organic flammable material. As it pertains to greenhouse gasses, 4,746 metric tons of carbon dioxide emission will be avoided as a result. The project will accomplish this by chipping-in-place and repurpose wood chips and by transporting biomass to certified green waste facilities. Considering the poor air quality of neighboring cities like Bakersfield, reducing these greenhouse gas emissions will be assisting in avoiding further harm to nearby communities' air quality and long-term health concerns.

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Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
20-FP-LAC-0088	Puente Hills Habitat Preservation Authority	Puente Hills Fuels Reduction Project	Los Angeles*	\$617,862	The proposed project will reduce the risk of wildland fires to habitable structures and communities, and minimize the uncontrolled release of emissions emitted by wildfires. The Puente Hills are surrounded by over 20,000-100,000 homes within a short drive. The project will help maintain defensible spaces at the urban wildland interface, and will further reduce the fuel load with removal of the dead/dying trees and goat grazing of flashy fuels. The tree removal contractor will be asked to take the trees to a recycling/compost facility. Carbon can be stored long-term in soil through carbon sequestration by applying compost to land.
20-FP-LAC-0107	Santa Catalina Island Conservancy	Vegetation management to reduce hazardous fuel loads on Catalina Island.	Los Angeles*	\$185,826	Invasive plant species on Catalina Island such as fennel (<i>Foeniculum vulgare</i>), flax-leaved broom (<i>Genista linifolia</i>), and harding grass (<i>Phalaris aquatica</i>) increase the fuel load and intensity of wildfire. Our goal is to reduce the prevalence of these species on roadways to protect egress and fire breaks. These roadways often serve as a line of defense when protecting communities and are some of the most likely locations where fires can become ignited. Reducing the likelihood of a fire starting along with lowering fuel loads will ultimately reduce GHG emissions. Additionally, restoring these habitats along these corridors will promote native species and carbon sequestration.

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Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
20-FP-LAC-0139	CITY OF SIERRA MADRE	Sierra Madre Fire Department Fire Hazard and Fuel Reduction Program	Los Angeles	\$71,420	The Sierra Madre Fire Department Fire Hazard and Fuel Reduction Program will be focusing its efforts on wildfire prevention education and community fuel reduction initiatives. Through organized wildfire educational forums and Chipper and Green Waste Days, residents will receive the knowledge and resources on the wildfire mitigation and risk reduction strategies that can be taken to protect their homes and community. Creating a fire adapted community will increase fire protection effectiveness, reduce Greenhouse Gas Emissions, and minimize potential property loss.
20-FP-LAC-0180	San Gabriel Valley Conservation Corps and Service Corps	SGVCC Forest Resiliency and Youth Engagement (FRYE) Program	Los Angeles*	\$611,597	Forest management that selectively removes invasive plants to reduce fire risk, among other objectives, can maintain uneven-aged forest structure and create small openings in the forest. Under some conditions, this practice can help prevent large wildfires from spreading. Ecosystems play a role helping us combat climate change by regulating greenhouse gas emissions from the terrestrial world. They can control the volume of greenhouse gases emitted by either storing them in plants and soils or releasing them through activities such as fire and respiration. Invasive species can alter native ecosystems in many ways, including disrupting the natural benefits they provide.

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Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
20-FP-LAC-0225	City of Monrovia	Monrovia Community Hazardous Fuels Reduction Project	Los Angeles*	\$200,000	The project proposal reduces the total amount of wildfire around communities, homes, infrastructure, and highly valued resources through fuel management and a reduction of fuel types that lead to dangerous wildfire conditions. Smoke from vegetation and infrastructure burned as a result of wildfire causes hazardous, if not toxic air quality. As fires burn, carbon stored in trees and other vegetation combusts, releasing carbon dioxide and other greenhouse gases such as methane and nitrous oxide into the air and local environments. Defensible space and the reduction in fuels from the project will prevent large-scale fires and therefore lower greenhouse gas emissions as a direct result.
20-FP-LAC-0266	California Society of American Foresters	Forestry Institute for Teachers	Los Angeles	\$146,657	The Forestry Institute for Teachers (FIT) is held four times per summer at four different forested locations in California. FIT is an intensive, six-day, hands-on, field workshop that includes natural resources presentations, field trips, and curriculum development. About 120 teachers in all grades from communities throughout California attend FIT. Following FIT, teachers conduct an in-service training for their school or district for 20 or more teachers, explaining what they learned at FIT. The teachers also implement their forestry curriculum unit, often using a tree planting or stream restoration project to demonstrate concepts learned at FIT.

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Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
20-FP-LAC-0274	Social and Environmental Entrepreneurs SEE	Conservation Concierges Project Sponsored by SEE	Los Angeles*	\$4,800,000	LOCAL SOLUTIONS: Creating fire-adapted communities to reduce fire risk, encouraging insights, best-practice ideas for hazardous fuel mitigation. Increasing trained land stewards, skilled workforce assisting communities in need of wildfire prevention and treatment through regenerative methods. Improved Comprehensive Land Use Plans, Community Wildfire Protection Plans, Community Outreach, CWPPs mapping fire risk by being integrated into county comprehensive plans. Workforce development skilled labor improved by including hazard mitigation planning and implementation with CWPPs. Discourage new high impact development in the same high-risk place or require that building occurs with conditions.
20-FP-LAC-0314	ArtCenter College of Design	California Wildfire Prevention Campaign	Los Angeles	\$161,491	This Education project will create a visually compelling statewide campaign to raise awareness of the severe wildfire risks due to climate change and drought in California. The campaign will focus on digital forms of communication (email, social media, Web), building upon the large combined audiences of the American Red Cross and ArtCenter College of Design. The urgent call to action will be for Californians to maintain defensible spaces around their property during these hazardous times. As uncontrolled wildfires are large sources of GHG emissions, raising awareness of wildfire prevention will reduce the likelihood GHG emissions in the state.

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Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
20-FP-LAC-0364	University of La Verne	Visualizing the Invisible: Using multispectral drone imagery for fire mitigation	Los Angeles	\$218,122	The Bluebird Ranch Mountain Preserve (BRMP) occupies 350 acres of critical wildlands urban interface (WUI) between the greater Los Angeles foothills and the National Forest/National Monument of the San Gabriel Mountains. We propose to use an Unmanned Aerial Vehicle (UAV) to create high-resolution, multispectral habitat maps of a 60-acre oak woodland fire barrier along the most vulnerable transition zone of the WUI. The multispectral imagery, in conjunction with ground truthing will provide critical data on drought stress, invasive species, and fire risk assessment, allowing ground crews to quickly act and to prioritize fire prevention and mitigation in the highest need areas.
20-FP-LAC-0365	U.S. Green Building Council - Los Angeles	USGBC-LA Firewise Tours & Education	Los Angeles*	\$447,586	The same landscaping and green building strategies that mitigate fire danger also reduce GHG's and increase resilience to climate change. For example, planting native alone eliminates the need for chemical fertilizers; reduces maintenance-related emissions: Landscaping equipment emissions are largely unregulated and highly-impactful; reduces heat-island effect: In comparison with other drought-inspired landscaping strategies, cooling the air and reducing in-structure energy consumption associated with climate control by as much as 50%. Fire-wise building and landscaping practices also introduce carbon-eating tree canopy, seal building envelopes, which also reduces energy use.

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20-FP-LAC-0386	Amigos de los Rios	Angeles National Forest Multicultural Visitor Fire and Safety Educational Sig	Los Angeles*	\$926,991	Given that people start 95% of California wildfires, it is urgent to ensure all people in the L.A. Basin have better access to information on how they can prevent fires. The 2014 “One less Spark” campaign is an excellent example of valuable information that must be translated into more languages to disseminate more broadly and effectively. We propose producing and installing a multi-panel multilingual educational signage system at priority trails and interface areas across Angeles National Forest and foothills communities. Signage will promote public awareness of Forest conditions and safe use and practices for campfires, equipment, vehicles, debris burning, target shooting, and fireworks.
20-FP-LAC-0414	City of Hidden Hills	City of Hidden Hills Hazardous Fuel Reduction 2021	Los Angeles*	\$45,423	The brush clearance project will reduce the amount of fuel that could potentially burn in a wildfire and will slow the spread of wildfire, thereby reducing GHG emissions and protecting nearby homes & essential resources. The project will also prevent the need for cleanup and rebuilding of communities following destructive wildfire. The method of clearance, by goat grazing, is an environmentally-supportive solution that optimizes vegetation health & minimizes emissions compared to methods that involve chemicals, open burning, or machinery. GHG benefits are expected to occur immediately upon project completion and Hidden Hills plans to continue its hazardous fuel reduction program annually.

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Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
20-FP-LAC-0426	City of Malibu	Malibu Wildfire Prevention Education	Los Angeles	\$65,000	<p>1. Through public education at the annual Wildfire / Disaster Preparedness Expo residents will be encouraged and educated on the importance of the principals of defensible space and the application of ember hardening of their homes.</p> <p>2. Through providing training in Assessing Structure Ignition Potential from Wildfire to select residents who can then go out in to their communities and conduct home assessments, and offer recommendations for improvements. Studies show that 50% or greater of the structures loss during a wildfire event are caused by resulting embers and not the actual fire front, thus the fewer that home burn in a wildfire event aid in decreasing greenhouse gasses emitted.</p>
20-FP-LAC-0442	Resource Conservation District of the Santa Monica Mountains	Defensible Space Virtual Learning Center	Los Angeles	\$349,740	<p>The project is designed to improve homeowner management of their defensible space in the WUI of the Santa Monica Mountains National Recreation Area (SMMNRA). These areas can sustain substantial woody vegetation with appropriate species selection, maintenance and spatial arrangement and they will provide significant carbon storage over non-native grasslands. Co-benefits of better defensible space management is fewer structure losses in wildfires, reduced habitat fragmentation, increased biodiversity, and reduced smoke exposure and greenhouse gas emissions due to reduced wildfire activity.</p>

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Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
20-FP-LAC-0448	City of La Habra Heights	City of La Habra Heights - Evacuation Route Risk Mitigation Program	Los Angeles*	\$249,250	<p>This project will directly reduce GHG emission from wildfires by removing large sources of fuel from the City and creating more defensible firebreaks across the City. The primary goal of the program is to protect critical primary evacuation routes by clearing hazardous fuel in close proximity to the City's most heavily trafficked roads. Also, by removing the hazardous fuel, the risk of vehicular related fires spreading beyond the road easement is significantly reduced. These project related benefits will reduce the likelihood of fire spread, increase the safety of the critical primary evacuation routes & prevent the need for cleanup and rebuilding of communities following destructive fires.</p>
20-FP-LAC-0480	Los Angeles Emergency Preparedness Foundation	Home Ignition Zone Safety Certification	Los Angeles	\$133,740	<p>Structures when burned during wildfires, emit a tremendous amount of toxic chemicals and greenhouse gases. If we can reduce the number of structures lost during wildfires, we inherently will reduce Greenhouse Gas emissions directly. The program takes into account the local conditions surrounding the home and address fuel reduction of hazardous vegetation and brush clearance.</p>

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20-FP-LMU-0007	Lassen Fire Safe Council, Inc.	Dyer Mountain WUI Fuel Treatments	Lassen*	\$5,727,260	Proposed actions will thin forest fuels from strategic areas within the WUI to reduce potential wildfire spread to, and ember showers causing ignitions within, communities at very high risk from wildfire damage. By tying into prior work and focusing on the most densely forested areas on public and private lands, the project will create landscape-scale treatments to minimize fire spread to adjacent communities. Removal of dead and dying trees around homes, power lines, and other infrastructure will reduce the risk of ignitions and spread within communities. Future fires occurring in treated areas will encounter less fuel to burn and are likely to spread less resulting in reduced GHG emissions
20-FP-LMU-0014	Greenville Rancheria	Greenville Rancheria Fire Prevention Education	Plumas*	\$6,340	The Greenville Rancheria Fire Department plans to educate Plumas County youth, homeowners, and property owners on wildfire prevention. Our activities will involve working with youth and residents on how planning ahead will reduce catastrophic wildfires and benefit the communities of Plumas County. By visiting schools, appearing at community events, participating in workshops, and reaching out to residents directly, we will provide information on cultural burning, defensible space techniques, knowing how wildfires are ignited, what individuals can do to prevent wildfire disasters, and how decreased GSG will increase consumerism and tourism within the region.

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Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
20-FP-LMU-0042	Plumas County Fire Safe Council	Plumas County Community Chipping Program	Plumas*	\$456,338	The Chipping Program's service provides incentive for residents to create defensible space around structures. Over the past three years, 20% of participants responded that they would have done nothing with the material if the chipping program wasn't available. Generally 55-68% of respondents would have otherwise burned the material. Each year Plumas County experiences an average of 12 escaped residential burn piles. Therefore, the program directly reduces wildfire potential around homes and communities. The program is supported by the Northern Air Quality Management District because of the program's contribution to improved air quality and, similarly, GHG benefits.
20-FP-LMU-0158	Feather River Resource Conservation District	Climate Solutions Through Community Biochar Program	Plumas*	\$169,978	This proposal will reduce GHG by providing biochar kilns to dispose of left over biomass after fuels reduction projects. Based on the kiln dimensions, one foot of biochar in the kiln works out to be a little more than one cubic yard of carbon, based on lab test data this is about 80% fixed carbon. If 4 6x6 slash piles are gathered after a fuels project, and burned in a biochar kiln: an estimate of 24 inches of finished biochar is measured, it is equivalent to 2 cubic yards or 400lbs. Multiply that by the 80% (fixed carbon) and get 320lbs fixed carbon from 24 inches of biochar. Multiply 320 by 44/12 to get 1,173bs of CO2 captured. This is significant compared to traditional pile burns.

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Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
20-FP-LMU-0177	Modoc County Road Department	Modoc County Roadside and Community Fuels Reduction Project	Modoc*	\$631,040	The Modoc County Roadside and Community Fuels Reduction Project will reduce the total amount of wildfires, thereby reducing wildfire emissions, by decreasing the hazardous fuel load on road right-of-ways through a dedicated fuels reduction team. The project will provide safer communities and protection of life, property, and other highly valued resources through the reduction of fuels to prevent roadside starts and enhance evacuation routes by creating ingress and egress clearance. The prevention of wildfires and use of on-site chipper and mastication will reduce GHG emissions by creating composting biomass material to reduce the use of fossil fuels for transport of materials off site.
20-FP-LMU-0208	Pit Resource Conservation District	Upper Pit River Fire Prevention Project	Lassen*	\$3,564,212	Fuel break implementation and reduction of fuels in WUIs is a historic vegetation management practice to reduce risk to habitable structures. It is well documented to decrease fire severity and promote recovery of forested areas. These fuel breaks will be all the more effective when connected with larger forest thinning treatments. As found in several studies comparing emissions from wildfires and prescribed fires, this shift in wildfire dynamics will decrease the amount of harmful air impacts and GHGs associated with wildfire smoke. Avoiding the black carbon and short lived climate pollutants associated with catastrophic wildfires is key for California to achieve its carbon goals.

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Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
20-FP-LMU-0232	Feather River Resource Conservation District	Fire Awareness and Education through the Plumas Underburn Cooperative	Plumas	\$641,447	The Plumas Underburn Cooperative (PUC) would reduce fuel loading on private lands in Plumas County. By providing the education, tools, and support necessary to implement prescribed burns, this proposed program would prepare and enable the communities of Plumas County to reduce fuel loads and therefore the risk of high intensity wildfire. Implementing prescribed burning will return natural fire regimes to the Sierra Nevada, and will offset potential GHG emissions by creating a fire resilient landscape that would otherwise be susceptible to catastrophic wildfires that would release immensely more GHGs than prescribed treatments.
20-FP-LMU-0283	Gold Mountain Community Services District (GMCSD)	Gold Mountain Critical Infrastructure Protection Project	Plumas*	\$988,883	The Project will reduce the threat of wildfire damage through hazardous fuel treatment, prevent the spread of explosive wildfires through thinning of high-density forested areas; protect vital single route ingress/egress, and through combined efforts, protect critical infrastructure and create a barrier to the spread of wildfire into adjacent low income, at-risk communities. Encompassing the Nakoma community, an important economic job center in Eastern Plumas County, the project lies within the Portola PM2.5 Non-Attainment area, requiring extraordinary measures to control GHG emissions. Both a wildfire, and rebuilding activities would have significant negative impact to those measures.

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Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
20-FP-LMU-0313	Sierra Institute for Community and Environment	Indian Valley Community Fire Prevention Initiative	Plumas*	\$800,982	The Indian Valley Community Fire Prevention Initiative will reduce total wildfire area by intensely thinning and removing fuels from forested stands in the Taylorsville Community Defense Zone, a defensible fuel profile in the WUI of Taylorsville, CA. This treatment will reduce understory tree and shrub cover and create stands of mature, fire resistant, widely spaced, large-diameter trees. Indian Valley communities have been heavily impacted by wildfire smoke from countless fires in recent years, including the North Complex (2020) and Walker Fire (2019). Smoke from the North Complex, for example, caused particulate levels to exceed hazardous levels for weeks across Plumas County.
20-FP-LMU-0383	Plumas County Fire Safe Council	Eastern Plumas Wildfire Prevention	Plumas*	\$5,794,661	The Eastern Plumas Wildfire Protection Project reduces the likelihood that ignitions in the WUI have sufficient fuel conditions to contribute to a catastrophic wildfire situation by reducing hazardous fuels and increasing the effectiveness of initial attack fire suppression. Conversely the project creates conditions that do not support crown fire from wildfires entering the WUI from the surrounding forest land. Both situations reduce human and natural losses to wildfire. In particular, reduced likelihood of wildfire initiation and lower severity fires result in less sequestered carbon lost from green trees and construction materials.

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Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
20-FP-LMU-0396	Modoc Resource Conservation District	CalPines Wildfire Protection and Education Project	Modoc*	\$464,098	The project will reduce GHG emissions primarily through avoiding emissions from future wildfires and minimizing loss by preventing fires to spread through the forested land within the project area. Through the construction of the fuel break the chance of wildfire spread is reduced which provides the added benefit of carbon sequestration through trees that are unaffected due to the anticipated results of the fuel break.
20-FP-LNU-0023	Northern Sonoma County Fire Protection District	Successful Grassroots Community Awareness & Outreach - N. Sonoma Cty	Sonoma	\$195,366	Collectively we will reduce wildfire ignitions, intensity, and wildfire emissions by: * organizing additional community outreach and mitigation education * producing and distributing videos and public service announcements and promoting awareness * participating in numerous community events promoting awareness and teaching mitigation * mapping parcels, meeting with neighbors, distributing literature, enrolling volunteers * sponsoring evacuation drills, chipper clean up days, and voluntary activities involving mitigation * placing fire safety warnings and signs in high risk areas

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Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
20-FP-LNU-0039	City of Benicia	Goats Vegetation Management	Solano	\$674,642	The project is the annual development of fire breaks via goat grazing in Benicia's open space areas that are surrounded and embedded within residential zones. The Department transitioned from the use of disking tractors to grazing herds of goats to perform this task. Rather than treating each open space in its entirety and maximizing cost, the goats will instead eat the vegetation within a 50 feet deep perimeter surrounding the open space. The perimeter will start from the residential property lines adjacent to open space. Horizontal and vertical separation between the various vegetation in the area and adjacent structures slows the spread of a wildfire, thereby improving containment efforts
20-FP-LNU-0093	Northern Sonoma County Fire Protection District	Northeast Sonoma County Wildfire Mitigation Phase I	Sonoma	\$1,094,309	This project, over decades, will achieve greenhouse gas sequestration and emission reductions by reducing wildfire intensity including vegetation consumption and reducing acres burned. Hazardous fuel reduction associated with this project will manage vegetation to reduce 1) wildfire ignitions, 2) wildfire intensity and rate of spread, 3) a location to slow and stop an advancing wildfire before it threatens communities, 4) allow mature trees to grow larger and be less likely to be killed or consumed by a wildfire, 5) protect 10 powerplants and electrical transmission powerlines in The Geysers Geothermal Field, 6) protect structures, and 7) protect The Geysers Peak Repeater Site.

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Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
20-FP-LNU-0095	South Lake County Fire Protection District	Middletown and Cobb Community Evacuation Routes	Lake*	\$503,224	The Middletown and Cobb Community Evacuation Routes, with an approximate treatment area of 345 acres along 21 miles of area 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 South Lake County Fire Protection District. The project will reduce the risk to the community by improving evacuation routes/control lines 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 safe access to and reduce fire intensity from approaching wildfires.
20-FP-LNU-0167	TNMC - Odiyan Retreat Center	Community Hazardous Fuel Reduction	Sonoma	\$408,000	This project will result in fuel load reduction on over 450 acres in the South Fork Gualala River watershed by removing dead and dying trees, thinning under-story vegetation, and brush removal. Reduced fuel loads will result in a direct decrease in wildfire GHG emissions, along with indirect decrease due to increasing the survivability of mature trees during wildfire events. Additionally, this fuel load reduction in consultation with Cal Fire will allow continued access along a 6.6 mile old logging road for use in fighting wildfires, enabling enhanced protection of the neighboring Harold Richardson Redwood Reserve and protecting the drainage of the South Fork of the Gualala River.

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Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
20-FP-LNU-0176	The Wildlands Conservancy	Jenner Headlands Shaded Fuel Break	Sonoma*	\$108,605	The forests on the Jenner Headlands Preserve (Preserve, Property) are overstocked due to past commercial logging activities that occurred under previous ownership and from forest regeneration after past wildfires. Both of these factors have led to high fuel loads that have been exacerbated by Sudden Oak Death (SOD) killing a large number of tanoak and live oaks on the Preserve. The proposed project seeks to reduce wildfire fuel loads along strategically selected ridgeline roads that will help protect adjacent communities from catastrophic wildfire, that if occurred, would release large amounts of Greenhouse Gases (GHG) and particulate matter into the atmosphere.
20-FP-LNU-0196	City of Vacaville	Vacaville Hazardous Fuel Reduction & Ready, Set, Go	Solano*	\$545,023	The purpose of this project is to reduce wildfire activity and greenhouse gas emissions in approximately XXX acres of land through weed abatement, tree cramming, lifting, and using goats to reduce the hazardous fuel levels in vulnerable areas. We will strategically place dozer breaks in the mapped areas to keep fires from spreading towards structures and homes. We are reducing the need for fuel sources and gas operated equipment by using sheep. Residents in Vacaville, Fairfield and Solano County will benefit from this project, making it a regionally beneficial initiative that puts our region in alignment with the State of California goal to reduce GHG emissions by 40% by 2030.

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Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
20-FP-LNU-0206	Napa Communities Firewise Foundation	Recovering and Preparing: Implementing the Napa County CWPP	Napa*	\$5,855,215	<p>The Napa Recovering & Preparing project will reduce hazardous fuels around 4 different complexes from 5 recent large fires over the last 4 years: Atlas-Lightning, Angwin-Glass, Nuns, and Tubbs-Glass, all still with extensive amounts of standing dead fuels. 20 different fuel mitigation projects will be implemented as well as a cost-share defensible space program in the Tubbs-Glass area. A D3 dozer with a masticating head will be purchased to treat and maintain hazardous fuels now and into the future. Together, this project will provide critical WUI protection in Napa County to reduce wildfire impacts for over 40,000 residents in 26 distinct communities with over 28,000 structures.</p>
20-FP-LNU-0209	Gold Ridge Fire Protection District	Gold Ridge DSI Assistance Program	Sonoma	\$105,950	<p>Our plan is to incorporate an assistance program that coincides with our defensible space program. If successful, our fire district would provide the necessary tools to assist homeowners in creating the necessary defensible space to help in protecting their properties from wildfire. After the defensible space inspection is complete, we would offer our trailer of tools with some volunteer assistance to have community work events to clear brush and lifting of trees on residential properties. After this is completed, we would use a chipper purchased through this program to have volunteers and part-time help assist in chipping and broadcasting the materials that were cut.</p>

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Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
20-FP-LNU-0238	Timber Cove Fire Protection District	Fuel Reduction Seaview Highlands	Sonoma	\$134,252	Our project desires to offer community chipping days within our fire district which is comprise of 2 communities. This program will reduce the ladder fuels and open under-story in defensible zones 1 and 2 near structures, along roadways and emergency evacuation routes. The reduction of fuels will slow and reduce fire spread thus reducing the amount CO2 and particulate matter released into the atmosphere. Creation of staging areas, safety zones and ridge-line fire breaks will allow for faster response and prevent extreme events. On going vegetation management practice of chipping and distributing the chips back on to the land will increase carbon in soils as the chips breakdown.
20-FP-LNU-0245	Grove Street Fire Safe Council	Creating a network of covered fuel breaks	Sonoma	\$135,150	By reducing the spread of wildfire in our community, the project will reduce the production of those greenhouse gases that would have been produced by unmanaged wildfire. The project will provide fire personnel with many more opportunities to safely access fire perimeters throughout our community, facilitate containment of fires in our community to much smaller geographic units, improve the resilience of treated areas by making it feasible for annual renewal work to be done by members of our community, and implement forest management practices to satbilize sequestered carbon by changing forest stand structure to increase carbon storage in more widely-spaced trees.

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20-FP-LNU-0267	City of Vallejo	Vallejo Wildfire Prevention and Resiliency Project	Solano*	\$749,523	The project will directly reduce Greenhouse Gas emissions by preventing future wildfires within the project areas. This direct reduction in annual wildfires will lead to reduced GHGs as wildfires are one of the leading emitters of carbon, particulate matter and greenhouse gases. Additionally, the reduction in wildfires will lead to directly to less fire engines on roads and less diesel fuels being burned, as well as a reduction in AFFF Foam Concentrates (firefighting foam) being expelled. The project itself will reduce the need for weed abatement at project sites and lead to a reduction in chemical weed abatements, such as Round Up, that contribute to GHG emissions.
20-FP-LNU-0279	UC Cooperative Extension	Fire Prevention in Sonoma, Napa, Mendocino, and Lake Counties: Expanding the Wildfire Fuel Mapper	Sonoma	\$437,151	The proposed project aims to create region-wide resilience to wildfires, changing climate conditions, and forest health issues. This project will reduce potential GHG emissions emitted during catastrophic wildfires along with supporting essential carbon storage and ecosystem benefits. In expanding to other counties in the region, this project can help build a connected network of managed, wildfire-ready properties, landscapes, and communities that are resilient to future wildfires. Additionally, large-scale regional efforts across multiple counties, as proposed for this project, can result in greater impacts in terms of GHG mitigation, carbon sequestration, and ecosystem services.

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20-FP-LNU-0296	Sonoma Land Trust	Sonoma Valley Wildlands Collaborative	Sonoma*	\$934,286	<p>The Sonoma Valley region has been designated by CAL FIRE as one of several historic "wildfire corridors" in Sonoma County. The projects proposed here are located in High and Very High Fire Hazard Severity Zones in close proximity to 5 communities at risk. In the short term, the proposed fuel reduction will break up 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, the projects will help reduce small tree density, promote increased stem diameter, and improve water availability to healthy trees, thus increasing carbon storage.</p>
20-FP-LNU-0308	Yolo County Office of Emergency Services	Yolo County Prescribed Burn Association: Building Capacity for Grassroots F	Yolo	\$617,986	<p>The primary goal of the project is to reduce the risk of wildfire through establishment of a Prescribed Burn Association (PBA), which will include a significant amount of education and training. Landowners in high-risk burn areas, homeowners in at-risk communities, and interested community members will learn about prescribed fire use and benefits, home hardening, defensible space and other wildfire risk reduction measures. This will reduce the overall number and severity of fires and the financial impact of any fires that do occur. This reduction will reduce GHG emissions overall.</p>

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20-FP-LNU-0312	Solano County Office of Emergency Services	Solano County Fire Prevention Planning	Solano*	\$1,100,000	The project will result in a Community Wildfire Protection Plan, 3 or more new Fire Safe Councils and a county-wide Fire Evacuation Plan and software. All three programs will guide the county's future efforts to garner funds to complete mitigation projects and reduce fuels in our Wildland Urban Interface zones where risk to life and property are highest. Wildfires produce immense amounts of GHGs and the cleanup and recovery effort only adds to the total. Our planning project will ultimately reduce the number and severity of wildfires but in turn reduce the effort and GHGs produced by the equipment required to recover from catastrophic fire.
20-FP-LNU-0333	Inquiring Systems, Inc. and Taking Action for Living Systems (TALS)	Mayacamas DMMWC Fire Prevention Planning and Education Project	Sonoma*	\$698,250	This project educates landowners on fire behavior, use of prescribed fire, defensible space, and vegetation management and provides opportunities for engagement goal setting, project review and approval, and workshops all intended to increase knowledge and participation in active forest stewardship. This project increases the governance and cooperation of the Fire Safe Councils providing this area with 3,134 structures, a prioritized area-wide high intensity wildfire reduction plan, qualified for enrollment of much of the area in the CALFIRE VTP program and completed 30% design plans for wildfire control, risk reduction and greater protection for the three (3) community areas of focus.

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Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
20-FP-LNU-0335	Fire Safe Sonoma	West Sonoma County Collaborative Hazardous Fuel Reduction Project	Sonoma*	\$7,526,522	Structural defensible space, roadside fuels reduction and community defense zone projects reduce the chance of ignition, allow firefighters better access to a future wildfire, and disconnect fuels across the landscape, thereby reducing the number and size of wildfires and GHG emissions. The project will also keep emissions low by chipping project debris instead of burning, by sourcing local contractors, and by training local residents to maintain and expand defensible spaces created by the grant. This project also treats a coastal forest impacted by overstocking and sudden oak death. By reducing trees per acre, forest health is improved, thereby increasing forest carbon storage ability.
20-FP-LNU-0336	American Wildfire Experience	The Chainsaw Project: A Wildfire Preparedness Capacity Building Initiative	Sonoma*	\$223,551	The Chainsaw Project: A Wildfire Preparedness Capacity Building Initiative is a fire prevention education project focused on providing chainsaw training and safety orientation to community members in wildfire-prone areas so that they feel confident completing hazardous fuels reduction and defensible space on their own properties. GHG emissions will be reduced in two ways: 1.) avoided emissions by way of reduced number, size, and severity of wildfires attained by providing technical training and encouraging homeowner action to reduce wildfire hazards on their properties (thus decreasing the GHG emissions from catastrophic wildfires); and 2.) use of low and reduced emissions equipment.

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Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
20-FP-LNU-0337	American Wildfire Experience	Wildfire Resiliency and Empowerment Initiative	Lake*	\$120,239	<p>AWE’s Wildfire Resiliency and Empowerment Initiative will reduce the total amount of wildfire (and related GHG emissions) by increasing awareness of wildfire risk and empowering vulnerable communities (e.g., women and senior citizens) to take preparedness actions. Fuels reduction and defensible space creation, encouraged through AWE’s Wildfire Preparedness Workbook and Wildfire Resiliency Workshops, will help reduce the size, scale, and impact of wildfires, including to habitable structures, thus decreasing the greenhouse gas emissions from catastrophic wildfires (avoided emissions), while also helping to create healthier ecosystems (which will increase in carbon uptake/sequestration).</p>

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20-FP-LNU-0340	Muniz Ranches Property Owners Association	Muniz Ranches Property Owners Association Fire Prevention Prjct - Phase 4	Sonoma	\$72,000	<p>Shaded fuel breaks and removal of dead and dying trees along our main road will reduce fuel loads in the event of wildfire. Fires will burn with lower intensity, offering less resistance to first responders and reducing carbon emissions.</p> <p>In California, the adverse effects of greenhouse gas emissions and the unprecedented rise of catastrophic fires are inextricably linked. A December 2020 report by the California Air Resources Board estimated that the 2020 fire season produced nearly 115 million metric tons of CO₂—nearly triple the amount of CO₂ than any other year on record, and more climate pollution than either the industrial or power sectors of California’s economy produce in a year.</p>
20-FP-LNU-0354	Fire Safe Sonoma, Inc.	Sustainable Landscapes for Defensible Space: Ecosystem-Specific Educatio	Sonoma*	\$268,031	<p>This project reduces GHG emissions and allows treated areas to retain carbon and increase sequestration through reducing dead and dying vegetation and brush while retaining large healthy trees and native vegetation. Reducing fuel load by removing dead vegetation and trees in the project treatment areas also lowers the risk of stand-replacing fires, thereby lowering GHG emissions during these events.</p>

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Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
20-FP-LNU-0357	Cordelia Fire Protection District	Community Shaded Fuel Break and Defensible Space Collaborative Project	Solano	\$1,479,186	<p>This project will reduce fuel & limit the release of carbon/particulates into the atmosphere. It will remove ladder fuel & reduce canopy cover to slow fire spread & intensity. Lower fire intensity leads to lower fire severity, fuel consumption, heat production, and release of GHG emissions. By decreasing fuel continuity, opening canopies for aerial attacks, & creating a control line, this project will stop/slow wildfire spread into the community, preventing additional fuels (e.g., 1,000+ structures and vegetation) from burning and increasing GHG. Defensible space will further reduce wildfire ignitions, spread, intensity & lower GHG.</p>
20-FP-LNU-0376	Napa County Fire Department	Napa County Defensible Space Chipping Program	Napa*	\$938,285	<p>Napa County will provide an incentivized "free service" of defensible space chipping. This program aims to assist homeowners with their obligation to meet state and local defensible space requirements (PRC 4291). Chipping this woody biomass from private properties creates solutions to alternate disposal practices of pile burning and transport to waste stations, which contributes to greenhouse gas emissions. In 2020, Napa County chipped 144,989 cubic yards of vegetation removed from around habitable structures. Defensible space clearing increases structure survivability, limits fire spread and growth, all in which reduce CO2 releases into our environment caused from wildfire devastation.</p>

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Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
20-FP-LNU-0379	Cloverdale Fire Protection District	CWPP and Vegetation Management for Cloverdale FPD	Sonoma	\$694,792	<p>By selecting the highest priority parcels for mitigation and doing both vegetation management for structure protection and for fire breaks and fire access, we would reduce the size and scope of wildfire burns and reduce the likelihood of ignition for homes. This would affect:</p> <ul style="list-style-type: none"> * air quality * climate change * health of residents in the area (reduced smoke inhalation) * reduction in costs of wildfire (both suppression and damages) * increase in carbon sequestration in forests
20-FP-LNU-0380	City of Cloverdale	Porterfield Creek Open Space Vegetation Hazardous Fuel Reduction Progra	Sonoma*	\$150,000	<p>Selective reduction of hazardous fuel loads through trimming and mulching will reduce the amount of hazardous fuels that contribute to the rapid spread of wildfire to nearby residential neighborhoods. The Open Space Preserve supports native and non-native plants and contains a build-up of dead, woody fuels and overgrown vegetation that contribute to hazardous fire conditions. It will be necessary to control the density and regeneration of fire prone plant species and removal of dead trees to maintain more fire-safe plant communities and reduce green house emissions resulting from wildfires. In addition, removal of hazardous fuels will support emergency access by life safety personnel.</p>

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20-FP-LNU-0389	City of Santa Rosa Fire Department	Northern Santa Rosa Hazardous Fuel Reduction Program	Sonoma*	\$1,287,084	The project will focus on removing hazardous fuels, including dead and downed trees, Scotch Broom (<i>Cytisus scoparius</i>) and French Broom (<i>Genista monspessulana</i>) to mitigate the threat of a repeat wildfire events in northern Santa Rosa. Santa Rosa has historically been on the receiving end of damaging wildfires, including three since 2017 that have entered the City from the north. Following the Tubbs Fire of 2017, what was once primarily a residential wildland urban interface intermixed with oak and grass woodlands is now littered with dead and downed trees with the explosive growth of invasive hazardous fuels.
20-FP-LNU-0395	Fire Safe Sonoma, Inc.	North Sonoma Valley Fire Prevention Planning and Community Engagement	Sonoma	\$147,982	The community coordination, education and planning work of this project will reduce the likelihood of wildfire in the project area, protecting 2,745 structures and 26,204 acres of land from burning. Community education and planning work is an effective means of eliminating wildfire starts, preventing wildfires before they spread into wildland interface areas, and facilitating firefighting efforts and safety, which all contribute to reduced wildfire emissions over time. The project aim is to create several Fire Safe Alliances or Councils, which will improve regional coordination, further reducing fire risk at the landscape level and thereby minimizing Greenhouse Gas emissions in the future.

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Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
20-FP-LNU-0409	Sea Ranch Fire Safe Council (FSC)	Homeowner Defensible Space Chipping	Sonoma*	\$58,084	The Project makes possible continued free pickup of debris from homeowners' efforts to comply with PRC 4291 and ensure defensible space around their habitable structures. The Project goal is to reduce the risk of ignition and the intensity of fire near residential structures and, by extension, to significantly reduce the risk of wildfire spread to habitable structures and of structural fire spread to wildlands and other structures. Reducing ignition and reducing flammable vegetation by chipping not by burning, together, serve to diminish the possibility of GHG emissions.
20-FP-LNU-0420	The Regents of the University of California	Fire Resilient California – A Statewide Comprehensive Educational Program	Yolo	\$1,225,426	This project will develop educational materials, conduct workshops and other educational activities to educate the public on wildfire mitigation and risk reduction strategies. Through improved public awareness, this project will reduce Greenhouse Gas emissions by reducing the likelihood of wildfire emissions from structure loss during a wildfire, especially homes and buildings. Greenhouse gas emissions will also be reduced through fire hazard reduction on forested and rangelands. The project will help empower forest and rangeland owners to reduce the fuel load on their properties so that future wildfires burn at lower severity, leaving more residual vegetation to sequester carbon.

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Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
20-FP-LNU-0423	County of Yolo- Office of Emergency Services	Siren System (Pleasants Valley Road)-Consultant	Yolo	\$336,000	This proposal is for the funding of a staff member to initiate formal, manage, coordinate the request for qualifications and/or requests for proposals, and awarding of an agreement for the installation of a siren and voice over speaker system, for community notification in an under-represented and low income community in south west Yolo and north east Solano Counties. The proposal is also for the funding of a staff member to manage the purchasing, installation, and implementation of the siren and voice over speaker system. This system is being recommended for a population that is unreachable by traditional mechanisms in wildfire emergency notifications.
20-FP-LNU-0427	Colusa County Resource Conservation District	Community Wildfire Preparedness and Fuel Reduction Demonstration in We	Colusa*	\$463,814	This proposal is a planning project to create a Community Wildfire Protection Plan that aim to reduce the total amount of wildfire around communities, homes, infrastructure and other highly valued resources. In addition, this project proposal aims to create a vegetation management program that includes grazing and control invasive plant species. TAll fuel projects outline in the CWPP and implemented have the potential GHG emission affiliated to wildfires.

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Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
20-FP-LNU-0432	Dry Creek Rancheria Band of Pomo Indians	Dry Creek Rancheria Planning, Education, and Fuel Reduction Project	Sonoma	\$625,000	The Dry Creek Rancheria proposes to treat approximately 57 acres located on the Dry Creek Rancheria as a demonstration project for pre- and post-fire fuel reduction and re-vegetation management using native plants and Traditional Ecological Knowledge (TEK). This project also includes a planning project to expand the treatment area to the adjacent property owned by Dry Creek Rancheria, but not held in trust. Additionally, this project will include an educational program to showcase techniques for fire management in the wildland urban interface (WUI) using TEK. All three components of this project will build off of the pilot project funded by a grant from the North Coast Resource Partnership.
20-FP-MEU-0019	Elk Community Services District	Elk Evacuation Fuelbreak - Phase I	Mendocino*	\$567,596	This Phase I project is designed to reduce horizontal and vertical fuel continuity along 23.5 miles of a strategic fire ridge. In the fuel-altered zone, wildland fire intensity will diminish thus improving firefighting response effectiveness and reducing fire spread. Importantly, safer ingress/egress will facilitate emergency evacuations, and will aid protection efforts for critical power and communications infrastructure. The planned Phase II will expand Phase I fuel reduction treatment to a wider 225' continuous corridor 23.5 miles long. This combined fuel-altered zone will substantially aid fire resiliency and thereby decrease wildfire greenhouse gas emissions.

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20-FP-MEU-0259	County of Mendocino	Mendocino County Fuels Reduction and Community Preparedness	Mendocino*	\$4,679,513	The primary benefits from this project will be the establishment of defensible space around residences, with a focus on residences in densely vegetated areas and occupied by elderly or disabled low-income residents. By focusing on establishing defensible space around these homes, their likelihood of survival in a wildfire event is greatly increased, as is the likelihood of survival and successful evacuation by residents. In addition, preventing home ignitions will decrease GHG emissions during a wildfire, along with limiting the creation of toxic substances that can form when a residence is ignited and destroyed by wildfire.
20-FP-MEU-0275	University of California, Agriculture and Natural Resources	FireWorks Youth Fire Education	Mendocino*	\$348,189	By using the tools that will be given to the public through our education efforts, local people can help to make their communities enact land management practices that would help to prevent a catastrophic wildfire. Reducing catastrophic fires reduces the amount of vegetation burn and thus prevents air pollution and greenhouse gas emissions. During catastrophic wildfires, air quality is highly impacted for large regions. Our goal is for peoples' preparations to reduce the size and severity of wildfires, and thus prevent air pollution.

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Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
20-FP-MMU-0002	Mariposa County Resource Conservation District	Regional Home Hardening Public Education Program	Mariposa*	\$318,157	In wildfire events, 60-90% of home loss is due to embers. Embers can originate from an approaching wildfire or nearby burning vegetation and construction materials (e.g., a home, storage shed, wood pile). This project will modify an existing CAL-FIRE funded public education booklet that explains how to harden homes through altering or replacing the construction components. It will be distributed on a regional basis by three Sierra Nevada RCDs, and supported by onsite and remote technical assistance. Reducing vulnerability to ember ignition will increase the chance of homes surviving a wildfire, reduce toxic carbon emissions resulting from structure fires, and assist with fire suppression.
20-FP-MMU-0016	Timberview Area Firewise Improvement Council	TAFIC Hazardous Fuels Reduction Project III	Madera*	\$100,000	The TAFIC community is made up of 50 homes spread over 280 acres identified as a Very High Fire Severity zone surrounded on three sides by vulnerable USFS land. The project proposes the removal of dead trees standing and on the ground as well as brushing and clearing of approximately 40 acres. The results will help clear safe zones adjacent to homes, emergency roadways, and USFS land. As a community that was evacuated during the Creek Fire, we are very aware of the devastation associated with forest fire and the resulting months of polluted air quality. Our efforts over 10 years as a recognized Firewise Community have been focused on preventing these emission events.

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Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
20-FP-MMU-0036	Mariposa County Fire Department	Mariposa County Fuel Reduction Equipment Purchase	Mariposa*	\$267,842	Acquisition of a Caterpillar 299D2XHP Compact Track Loader and XYZ to masticate existing and new fuel breaks and treatments and remove hazardous fuels throughout Marioposa County will reduce fuel loading and improve the resilience of priority landscapes in the WUI. Fuels reduction at strategic locations will reduce the threat of catastrophic wildfire and thus reduce greenhouse gas emissions released by the combustion process. Removing understory brush and small diameter trees will reduce competition for resources and promote growth among mature overstory pine, oak, cedar and fir trees which will increase their carbon storage.
20-FP-MMU-0051	Mariposa County Fire Safe Council, Inc.	Alta Vista Fuel Break	Mariposa*	\$702,118	The length and strategic location of Alta Vista fuel break allows for monitoring fires in all four directions, and would allow Cal Fire to set up a strong and effective defensive line to stop fires coming from the Merced River Canyon into downtown, or coming off SR-140 and into the dense fuels throughout Midpines. It will allow for enhanced retardant drops and backfires, improving containment efforts. This project will reduce greenhouse gas emissions by creating a forest resilient to stand-leveling wildfire. The removal of dense ladder fuels will decrease habitat competition, allow for accelerated growth of the large diameter trees, and increase CO2 sequestration in the remaining specimens.

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Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
20-FP-MMU-0063	Mariposa County Fire Safe Council, Inc.	Mariposa Countywide Brush and Chip	Mariposa*	\$477,964	The Countywide Brush and Chip program will reduce the risks associated with wildfire to habitable structures by removing vertical and horizontal continuity of fuels in the defensible space thereby: Increasing structure survivability - Reducing wildfire's intensity and exposure time to structures - Reducing ignitability of structures - Slowing rate of spread and preventing escaped burn piles that could result in severe wildfire. The replacement of residential burn piles with no-cost chipping will immediately prevent carbon emissions. The brushing and chipping will increase carbon sequestration by improving forest health and vigor. Success will be evident through effective prevention.
20-FP-MMU-0108	Mariposa County Department of Public Works	Steep Terrain Hazardous Fuel Reduction Equipment	Mariposa*	\$100,755	This project will involve the purchase of a Kubota KX-057 Mini Excavator with extension arm to reduce hazardous fuels on steep slopes along 300 miles of road right of way per year that currently can't be treated with existing equipment. It will also have a masticator head to treat roadside right of way vegetation for Mariposa County residents who have opted out of our herbicide right of way treatments. The equipment will reduce fuel loadings and improve the resilience of priority landscapes in the WUI, protect evacuation routes for the approximately 18,000 County residents, ingress/egress for firefighters and emergency personnel, and benefit approximately 5,000 habitable structures.

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Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
20-FP-MMU-0311	Madera County	Madera County Hazardous Fuel Reduction/Maintenance Project	Madera*	\$247,842	Acquisition of a Caterpillar 299D3XE Compact Track Loader and a Caterpillar 309 Compact Excavator to masticate existing and new fuel breaks and treatments and remove insect/drought killed trees and logs throughout Madera County WUI and At Risk Communities to reduce the threat of catastrophic wildfire and thus reduce green house gas emissions contain in the combustion process and sequester carbon by removing under story brush and trees while retaining mature over story pine, fire, and oak trees that will grow at increased rate storing additional carbon.
20-FP-MRN-0110	Bollinas Fire Protection District	Bollinas Fuel Reduction and Resource Recovery Project	Marin*	\$231,100	Keeping the Resource Recovery site operational and efficient during this time of growing awareness of increasing wildfire danger associated with climate change is essential to our efforts to maximize dangerous fuel reduction while minimizing GHG emissions from vehicle transportation of that waste. This can only be accomplished by replacing the ailing loader with a more reliable unit. Completing the forest treatment project around the site is also an urgent risk mitigation step during a season of record drought. These combined efforts will protect habitable structures in our communities and reduce the risk of wildfires starting in the local WUI.

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Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
20-FP-MRN-0302	Marin Wildfire Prevention Authority (MWPA)	Low Income and High Risk Parcels: Defensible Space Funding program	Marin*	\$1,150,000	<p>The creation and maintenance of adequate defensible space is a crucial element of any community's fire prevention plan. In Marin County, many property owners lack financial resources and unable to complete defensible space work themselves. This creates a fire risk for the community as a whole, particularly given the large and interconnected WUIs.</p> <p>MWPA's Low Income Communities Defensible Space funding program will facilitate the process of completing defensible space, which in turn will prevent GHG emissions from wildfires, or result in smaller scale fires with lower GHG emissions. It will also prevent or reduce the need for cleanup and rebuilding communities following destructive wildfires.</p>

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Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
20-FP-MRN-0443	Marin County Fire Department	Marin County Fire Department F.I.R.E. Program Evidence-based Public Education	Marin*	\$293,040	This project will be a collaboration between Marin County Fire Department and University of California and Stanford fire science, technology, and program development experts to develop, implement and evaluate a public education program focused on wildfire mitigation via seasonal fire prevention efforts. Marin County community members and residents will be provided evidence-based and culturally competent information and education around controlled burns, fuel reductions, defensible space management, and home hardening (hereafter all grouped under "fire prevention work") to become more fire-wise and fire-ready, in aggregate and equitably across Marin County.
20-FP-MRN-0469	Marin County Fire Department	Camp Tamarancho BSA fuel reduction and community protection	Marin	\$580,700	By reducing potential transition to large fire growth or slowing large fire spread this will directly reduce potential greenhouse gas emissions during a large wildfire event in the area. The proposed project will reduce potential greenhouse gas emissions through the reduction of burnable vegetation that produces CO2 when consumed during a wildfire. Reducing fuel loading levels reduces the amount of CO2 that is released in the atmosphere during a wildfire. Potential greenhouse gas emission reduction we only become a reality if there is a large fire that is slowed or stopped because of the work being proposed in this project.

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Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
20-FP-MRN-0479	Marin County Fire Department	Bald Hill Open Space Community Protection	Marin	\$550,957	By reducing potential transition to large fire growth or slowing large fire spread this will directly reduce potential greenhouse gas emissions during a large wildfire event in the area. The proposed project will reduce potential greenhouse gas emissions through the reduction of burnable vegetation that produces CO2 when consumed during a wildfire. Reducing fuel loading levels reduces the amount of CO2 that is released in the atmosphere during a wildfire. Potential greenhouse gas emission reduction we only become a reality if there is a large fire that is slowed or stopped because of the work being proposed in this project.
20-FP-MVU-0062	Pala Band of Mission Indians	Pala Fuels Reduction / Fire Prevention Project	San Diego*	\$401,678	The Pala Band of Mission Indians' Fuels Reduction Project will reduce the total amount of wildfire by removing fuels in areas at the greatest risk of starting a wildfire. By conducting roadside fuels work, the Pala Band will reduce potential starts and increased risk to emergency personal. With less wildfire during extreme fire weather, there will be less GHG emissions. It is well noted in the literature, that fuels treatments (including Rx Fire) during off season months leads to less GHG emissions than high wildfire severity events during peak fire season. By treating fuels mechanically, the Pala Band is also increasing the chances of quick suppression of an event.

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Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
20-FP-MVU-0066	Escondido Creek Conservancy	Mountain Meadow Preserve Fuel Reduction	San Diego	\$149,819	The removal of dead and fuel prone woody biomass from 17 acres of land will decrease the chances for unintentional fires which would result in the release of CO2 into the atmosphere. The project will remove fuel from an area immediately adjacent to habitable structures with limited access. Based on fire behavior simulations, a fire in the proposed project area can be disastrous, especially during wind events.
20-FP-MVU-0069	Deer Springs Fire Safe Council	Moosa Canyon Fuel Break Maintenance Project	San Diego	\$659,386	This project would provide yearly vegetation maintenance for the 5-mile long Moosa Canyon fuel break. Fuel break creation removed an estimated 1500 tons of combustible vegetation from the canyon rim providing protection to the at-risk community of Hidden Meadows which has only one evacuation route. It is estimated that more than 2000 tons of potential CO2 (greenhouse gas) emissions were removed by creation of the fuel break. There are 70 residences immediately bordering the canyon in Hidden Meadows and nearly 200 more in the community within one mile. Each threatened structure represents the potential release of an estimated 35 tons of CO2 should it be completely destroyed by fire.
20-FP-MVU-0086	Urban Corps of San Diego County	Escondido, San Marcos and Rancho Santa Fe Fire Prevention	San Diego*	\$225,346	The project will reduce fuel loading around communities and evacuation routes, decreasing the intensity and spread of fires. Protecting safe egress/ingress for emergency personnel will aid in swift response and containment of fires and GHG emissions.

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20-FP-MVU-0126	University of California, Division of Agriculture and Natural Resource	Mitigating Wildfire Risk in San Diego County by Reducing Hazardous, Dead,	San Diego*	\$1,954,731	The material that will be cut will be chipped and used as mulch onsite, with CO2 gradually released to the atmosphere through decomposition over the course of several years. The amount of greenhouse gases released will be insignificant since small amounts of gases will be released as the mulch decomposes over the course of many years. This is preferred over large amounts of gases being released in a short period of time which would be the case if the trees and understory vegetation are left untreated and burn during a wildfire.
20-FP-MVU-0128	Fire Safe Council of San Diego County	Working Together to Keep our San Diego Communities Fire Safe	San Diego*	\$9,914,755	Specifically, this project will reduce GHG emissions through chipping dead vegetation and the removal of dead/dying/diseased trees from approximately 3,500 households in remote areas of San Diego County. Aside from the machinery used to carry out the work, no emissions will be released as a result of this project. Further, the cleared vegetation within the defensible space area of households should provide protection from potential wildfire and further reduce GHG emissions that would otherwise be released from burning household structures. Another benefit is the reduction of chemicals potentially released into the air from household structure fires.

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20-FP-MVU-0163	San Diego County Fire	Reducing Fuels and Increasing Evacuation Readiness in San Diego County	San Diego*	\$9,546,350	<p>This project takes a multifaceted approach to reducing wildfire and Greenhouse Gases. By enhancing community engagement efforts through media, events, and defensible space inspections, we will prevent the need for cleanup and rebuilding of entire communities destroyed by wildfire. Second, by performing strategic fuel break projects, we are providing opportunities for fire personnel to access fire perimeters and extinguish fires more quickly, reducing the amount of GHG during wildfires. Finally, performing roadside vegetation management projects will increase safety of wildfire evacuation operations while decreasing roadside vegetation fire starts, reducing wildfire caused GHG emissions.</p>
20-FP-MVU-0236	Deer Springs Fire Protection District	Deer Springs Fire Risk Reduction	San Diego	\$885,130	<p>The primary project area will provide removal of dead and dying chaparral and other vegetation along a high-risk slope directly above an interstate and below the Hidden Meadows community of over 5,500 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 of 113 acres, this directly results in the removal of up to 2,260 tons of CO2 producing vegetation.</p>

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20-FP-MVU-0247	Urban Corps of San Diego County	Caltrans Integrated Vegetation Management (IVM)	San Diego*	\$181,539	The project will reduce fuel loading around communities and evacuation routes, decreasing the intensity and spread of fires. Protecting safe egress/ingress for emergency personnel will aid in swift response and containment of fires and GHG emissions. GHG reductions for the project would be in the form of avoided emissions. The intensity and spread of wildfires occurring in the project areas would be limited by safer access routes used by fire suppression personnel. These benefits would be maintained through future brush management projects. The avoided emissions would occur in the event of a future fire, and the public health co-benefits from avoided smoke would occur at the same time.
20-FP-MVU-0252	Ramona West End Fire Safe Council	Ramona Community Dead and Dying Hazardous Tree Removal Project-4	San Diego*	\$67,500	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 that can start structures on fire and emit a lot of GHG. The project would remove at least 50 dead/dying trees within approximately 100 feet of residences and within 30 feet of evacuation/access corridors, offering additional protection to residences in a high fire hazard area should a fire be burning in the area. Usability of evacuation/access corridors will also be enhanced. Limbs will be chipped and scattered and wood would be cut into rounds to be used by the owner as firewood and kept according to BMP's or hauled off.

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Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
20-FP-MVU-0257	Bonita Sunnyside Fire Protection District	Bonita Valley Fuel Mitigation	San Diego	\$50,000	The goal of this project is to remove all the dead/dying palms in the Sweetwater River Valley that runs down the center of the Bonita community. There are a large number of dead/dying palm trees due to the South American Palm Weevil. These trees pose a serious hazard during fire conditions due to their proximity to the two main routes of egress for the majority of Bonita's 15,000 residents. The proposal also seeks to remove and thin the roadside vegetation along these routes. The presence of dead/dying palms and dense roadside vegetation will greatly increase fire conditions and create downwind ember casting and spot fires into the San Miguel FPD LRA and the SRA/MTZ.
20-FP-MVU-0281	City of San Marcos Fire Department	Santa Fe Hills Fuels Management	San Diego*	\$182,000	The Santa Fe Hills Fuel Management project would thin an additional 50 feet of dense and dried vegetation in conjunction with the defensible space maintained by the HOA according to the Santa Fe Hills Specific Plan with proximity to SRA. The project will stretch approximately 1.3 miles behind the Santa Fe Hills community reducing approximately 8.3 acres of overgrowth. This plan will support forest health, limit the size and severity of wildfire by eliminating/reducing ignition sources, protect adjacent education and law enforcement infrastructures, and aid in reducing carbon emissions by treating over 8.3 acres of fuel in a Very High Hazard Severity Zones.

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20-FP-MVU-0290	San Diego Regional Fire & Emergency Services Foundation	Educating San Diego County volunteer community groups about fire impacts	San Diego	\$293,956	Our proposal will reduce wildfires by providing fire prevention education to community volunteers which will increase the effectiveness of their work in preventing wildfires. The education will be directed to rural, low income, WUI communities. Fire Safe Councils and CERTs will gain new knowledge to increase the efficiency of their field work. This information will be used to educate their communities about home hardening, defensible space, and safety tips to minimize wildfires. Community Planning Boards will be able to advise their commissions on development, leading to more informed land use decisions which will minimize wildfires and burning structures which emit higher levels of GHG.
20-FP-MVU-0318	Deer Springs Fire Safe Council	Deer Springs Community Chipping Program	San Diego*	\$37,199	California Public Resources Code (PRC) Section 4291 requires property owners to maintain a defensible space around homes and other structures. Defensible space helps reduce the spread and intensity of wildfires and resultant structure fires decreasing the production of greenhouse gas (GHG) emissions, primarily CO2. CO2 produced from combustion of native vegetation in project area is estimated at 65 tons per acre. CO2 production from structure fires is estimated to be 7 tons/1000 SF of floor space. This no-cost program assists local residents in creating and maintaining defensible space for 4291 compliance which results in increased wildfire safety and a potential decrease in GHG production.

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20-FP-MVU-0348	Nature Collective	Hazardous Fuel Reduction in Escondido Creek; Encinitas, CA	San Diego	\$1,384,045	This project will reduce Greenhouse Gas emissions in three ways. First, this project will reduce greenhouse gas emissions by minimizing emissions of fuel reduction activities and using disposal methods other than open burning. Second, this project will reduce greenhouse gas emissions from potential wildfires by decreasing the availability of vertically oriented fuels in the wildland urban interface. Third, this project will improve the health and resilience of vegetation communities in the treated areas by removing invasive exotic tree species. It is expected that this will increase the carbon sequestration potential of the indigenous tree species and ground cover in the riparian corridor.
20-FP-MVU-0377	City of Vista	Fuel Reduction Planning and Implementation in Vista	San Diego*	\$400,000	By reducing fuels that increase wildfire risk, VFD will reduce GHG emissions by clearing out vegetation and growth that may spark or contribute to the spread of wildfires. The fuel reduction work will not contribute to GHG emissions as no burning will occur. Additionally, by clearing fuels along trails maintained by the City of Vista, alternate modes of transportation may be encouraged with safe access to these routes. Cycling and pedestrian activity will contribute to the reduction in GHG emissions.

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20-FP-NEU-0111	Marysville Fire Department	Marysville Fire Department Fuel Reduction Project	Yuba*	\$178,901	Marysville has several open space areas that interface with structures within the community. Vegetation management has become a high priority in reducing the potential of loss to life and property for the communities we serve. Marysville, which is a census designated Disadvantaged Community, has expended a great deal of funding to rent machinery to attempt effective vegetation removal and control. It would be much more cost effective for the City to purchase this machinery to maintain this program annually and extend it where we can to neighboring districts. Fire Department staff will be trained to operate the machinery and a fleet mechanic will provide service, maintenance and repairs.
20-FP-NEU-0127	Stephen J. Wampler Foundation	Deer Lake Fire Prevention Initiative	Placer	\$492,392	The project proposes to implement a robust wildfire fuel reduction and fuel break in the center of a remote, yet heavily used area for recreation and mountain communities. The fuel break at Deer Lake will provide defensible space and defend-able forest land at a childrens' summer camp, ensuring safety in the event of a wildfire. It will extend from a critical egress road in the area out to the natural forested environment for tampering of fire behavior and a tactical fire suppression approach in the event of ignition or active fire in the region. It's been proven effective that robust fuel breaks are used for diminishing fire behavior and supporting tactical suppression on active wildfires.

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20-FP-NEU-0140	National Forest Foundation	NFF-USFS Sierra Valley Fire Protection Project	Sierra*	\$1,619,162	The two treatments areas which form the Project are strategically located in WUI threat and defense zones adjacent to habitable structures and critical assets, such as homes, water infrastructure, and ingress/egress routes. Thinning treatments will target small diameter and dead/dying trees to decrease fuel loading and modify fuel structure. These changes will reduce the potential for high-severity fire and increase the probability of successful fire suppression, preventing carbon releases and shifts in ecology. Thinning will also improve forest resilience by enhancing the health and vigor of remaining stands and encouraging old growth conditions, increasing carbon sequestration over time.
20-FP-NEU-0216	Placer County Resource Conservation District	North Fork American River Shaded Fuel Break Phase II	Placer*	\$11,415,456	This proposal will decrease the risk of high-severity wildfire by reducing fuel loading on 2,331 acres of land along the North Fork American River canyon, protecting high-risk communities including Auburn, Weimar, and Colfax. If left untreated, a high-severity wildfire will release large amounts of carbon dioxide and other greenhouse gases into the atmosphere, in addition to threatening more than 15,000 people, millions of dollars of infrastructure, and priceless cultural and natural resources. Decreasing fuel loading using a combination of handwork, mastication, prescribed burning, and grazing will disrupt fuel continuity, mitigate fire behavior, and reduce greenhouse gas emissions.

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20-FP-NEU-0239	City of Auburn, CA	Auburn City Fire Dept (ACFD) WUI Strategic Plan Execution I	Placer*	\$2,472,979	The ACFD Strategic Plan identifies nine neighborhood target areas for this project, each with a significant number of homes, which border the WUI and substantial community assets. Four of the nine areas (areas 6 - 9) have had limited fuel reduction treatment and represent a wildfire waiting to happen. Treatment of these areas would reduce the fuel load, thereby preventing or at least mitigating, the wildfire risk of home and infrastructure destruction, and greenhouse gas emissions.
20-FP-NEU-0241	County of Nevada	Ponderosa West Grass Valley Defense Zone Phase II	Nevada*	\$4,875,375	Phase II is a 1,536-acre shaded fuel break implementation project directly west of Grass Valley. The Project and will anchor into the first 1,200 shaded fuel break which received past funding from Governor Newsom and the CAL FIRE Fire Prevention program. The fuel break is strategically located to protect the City of Grass Valley from an east moving fire. This shaded fuel break will thin vegetation with the goal of reducing the severity of a potential wildfire to prevent a crown fire. Modifying the fuel loads will help reduce the severity of a wildfire and therefore decrease the total amount of GHG wildfire emissions.

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20-FP-NEU-0242	County of Nevada	South County Shaded Fuel Break	Nevada*	\$1,038,230	The South County Shaded Fuel Break is a 339-acre Project and is slated to treat 226 parcels, valued at \$169,369,752 which will serve as a vital wildfire holding point and key evacuation route for residents. The fuel break is strategically designed to provide egress for a highly populated WUI region, while providing firefighters a place to defend lives and property from a wildfire. Through fuels reduction on highly trafficked roadways, the aim is to avoid a severe wildfire altogether thereby reducing GHG from being emitted into the atmosphere.
20-FP-NEU-0243	County of Nevada	South Yuba Rim Fuel Break - Phase 1	Nevada*	\$1,733,689	This project is a 20-mile fuels reduction implementation and planning area on the north rim of the South Yuba River canyon. Phase 1 will implement 250 acres of fuel treatments and up to 6,342 acres of planning and environmental compliance for future treatments. The fuel break is strategically located to protect the cities of Grass Valley, Nevada City, and Rough and Ready from a wildfire coming from the north, and the communities of the San Juan Ridge from a fire coming from the canyon. Reduced fuels will provide a safer area for fire personnel to attempt suppression activities and will slow or reduce fire behavior. This will reduce total amount of wildfire and GHG emissions from wildfire.

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Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
20-FP-NEU-0254	Olympic Valley Public Service District	Olympic Valley Community Wildfire Protection Plan	Placer	\$31,898	A Community Wildfire Protection Plan (CWPP) will help our community identify and prioritize areas for hazardous fuel reduction treatments and recommend the type and method of treatment on Federal and non-Federal land that will protect the community and essential infrastructure and recommend measures to reduced structural ignitability throughout the area. The CWPP may also address wildfire response hazard mitigation, community preparedness and structural protection. The goals and objectives of the fuels management projects identified in the CWPP are to ultimately reduce the number, frequency, and severity of wildfires in and around Olympic Valley, which will directly reduce GHG emissions.
20-FP-NEU-0276	Truckee Fire Protection District	Truckee Evacuation, Right of Way Fuels Treatment and CWPP Rewrite	Placer*	\$370,700	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 help facilitate vegetation management on Town of Truckee right of ways, prepare a vital evacuation route study and provide funds for the CWPP rewrite for Truckee Fire Protection District and the Town of Truckee. By decreasing fire intensity, the amount of green house gas emissions will decrease. Vegetation treatments will allow for more rapid growth in the remaining vegetation increasing carbon sequestration. This will create a net carbon benefit over time.

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Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
20-FP-NEU-0284	Fire Safe Council of Nevada County, Inc.	Nevada County Green Waste and Chipping Program	Nevada*	\$2,884,572	Fire Safe Council of Nevada County in partnership with County of Nevada- OES, is seeking funding to continue and expand two long standing, very successful community wildfire preparedness programs. The Green Waste Drop Program allowed over 10,000 residents in the community in 2020 to dispose of over 5,000 tons of green waste. This vegetation was removed from their homes while completing defensible space clearing activities that bring them closer to compliance with Defensible Space code PRC 4291. Additionally, the Defensible Space Chipping Program also helps homeowners to process and dispose of vegetation removed from their properties in efforts to become prepared for wildfire.
20-FP-NEU-0293	County of Yuba	Yuba County – Fuel Reduction Project	Yuba*	\$946,960	This roadside fuel reduction project area covers 62.3 centerline miles of rural roads in the forested portions of the Sierra foothills. Project includes 24 road segments serving nine at-risk communities, benefiting the residents of over 700 habitable structures. Project will create shaded fuel breaks, reduce fire spread to structures and/or natural resources, allow access for fire-fighting equipment, and provide safe evacuation routes for residents. Currently, tree canopies extend over the roads and vegetation encroaches up to the edge of the roadways, allowing fires to cross easily. Project also protects the Brownsville & Camptonville water systems and the Brownsville airport.

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Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
20-FP-NEU-0330	North Tahoe Fire Protection District	Alpine Meadows CWPP Implementation	Placer	\$650,000	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. 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 while achieving climate goals and improving public health and safety.
20-FP-NEU-0394	Northstar Fire Department	The Northstar Hazardous Fuels Reduction Project	Placer	\$595,200	Located in a rural portion of Truckee, CA The Northstar Hazardous Fuels Reduction Project is a whole-community based mitigation proposal to clear hazardous fuels from 240-acres of Northstar's evacuation routes and safety zones. It is the number one priority in the districts CWPP and will benefit four (4) total communities. By mitigating hazardous forest fuels, enhancing tree growth, reducing tree mortality, and creating species diversity within Northstar treated areas will be capable of producing higher yields to store carbon. Accelerating carbon sequestration will help restore and diversify the areas forest stands, while protecting thousands of lives and structures from wildfires.

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20-FP-ORC-0130	Orange County Fire Authority	OCFA Fuels Reduction Equipment	Orange*	\$250,794	OCFA will purchase equipment to be used by the Crews & Heavy Fire Equipment when completing fuels projects throughout the county. Project activities for these crews include grading fire access roads, thinning roadside vegetation, & removing hazardous dead or dying vegetation. Purchasing this equipment will reduce the total amount of wildfire by providing crews with the means to complete projects quickly & efficiently. These completed projects will reduce the fuel load countywide and ensure proper maintenance of access roads. Limiting fuel sources will directly reduce the amount of wildfire. Further, access roads allow for faster response and will help to reduce a wildfire from spreading.
20-FP-ORC-0132	City of Yorba Linda	Yorba Linda Fuel Reduction Project	Orange*	\$866,610	The target sites contain some of the heaviest stands of fine fuels and non-native trees and are adjacent to SRA lands and in close proximity to high density residential neighborhoods, high intensity power lines, water facilities, and community facilities including schools, parks, and churches. The fuel biomass in these areas contributes to increased fuel load and fire frequency. By prioritizing these areas for removal of hazardous fuels, a reduction in the frequency and intensity of wildfires will be realized along with a reduction in GHG emissions. In addition, Santa Ana winds, coupled with wildfires, add to poor air quality and GHG emissions due to ash blowing in extreme wind conditions.

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20-FP-ORC-0200	City of Aliso Viejo	Aliso Viejo Tree Pest Infestation Fire Hazard Mitigation	Orange	\$2,261,910	The project bounds on SRA an extend into LRA, and includes greenbelts adjacent to dwellings. These greenbelts serve as fuel breaks for structures and are compromised by infestation and death of native tree species. The primary tree pest is th shot hole bore, and Aliso Viejo is a center of So Cal. infestation. Dead trees pose both fire hazards and fall hazards and are a public safety risk. Removal of the trees allows for replacement with locally funded new live trees and reduces spread of tree loss from expanding infestation, maintaining native forest health. The project may be exempt from CEQA, if not, the project will seek compliance through either Mitigated Negative Declaration or CAL VTP.
20-FP-ORC-0256	City of Laguna Niguel	Weed Abatement Program & Goat Grazing Initiative	Orange	\$229,744	This program is used to create defensible space for the homes and structures adjacent to the City's 44 acres of naturally sloped open spaces that consist of light to moderate fuel material. The program, now completing its second year, utilizes a blend of traditional labor/equipment weed control methods and grazing goats. The Goat Grazing Initiative has proven to be an effective and eco-friendly method of fire-fuel weed control while also allowing for community engagement. Goat grazing is a natural method that reduces the use of traditional pesticides or gasoline based trimming equipment. This initiative also helps the ecosystem to recover by removing invasive and non-native plants.

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20-FP-ORC-0381	City of Brea	City of Brea Fire Prevention Project	Orange	\$436,462	<p>The activities proposed in this planning project will reduce the total amount of wildfire, thereby reducing wildfire emissions, by reducing the risk of fire in the City of Brea's WUI/ Very High Fire Hazard Severity Zones. Prevention will occur through a variety of prevention and planning efforts, including code enforcement in this high-risk area, homeowner education, and assessment of structures vulnerable to ignition, among other activities. By preventing these fires, the project will have a net positive GHG benefit by avoiding emissions as a result of preventable fires. Moreover, this will provide direct protection benefits to the more than 950 structures, the vast majority residential.</p>
20-FP-RRU-0021	Mountain Communities Fire Safe Council	Mountain Communities Defensible Space and DDD Tree Removal	Riverside*	\$750,000	<p>The project communities lie within the SRA in an area impacted by successive years of drought and affected by insect diseased tree mortality. The removal of hazardous fuels will limit the spread of wildfire by decreasing the intensity of fire and limiting the potential ember cast amongst homes. A fire that starts from private property will have less of a chance of escaping into adjacent forest land after horizontal and vertical hazardous fuels reduction work has been completed. Preventing large fires will restrict large net GHG emissions of these lands. These measures will help retain the long-term carbon sink benefits of the land.</p>

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Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
20-FP-RRU-0048	County of Riverside	Red Mountain Fuel Break	Riverside*	\$7,928,900	The Red Mountain Fuel break will begin to the north in Cactus Valley, travel south along Red Mountain road and tie into Reed Valley. The fuel break continues south along Reed Valley Road approximately 10 miles to Lake Riverside Estates then encircle the community of the Lake Riverside Estates. Proposed project area will be 11,355 acres with a proposed treatment area of 1,051 acres. The project will help protect the 560 habitable structures in or around the Red Mountain project area which will contribute to reduced Greenhouse Gas emissions resulting from wildfires.
20-FP-RRU-0049	County of Riverside	Spring Crest Fuel Break 2	Riverside*	\$2,547,000	The Spring Crest Fuel Break 2 is a continuation of a project which involves construction of fuel breaks along the roads surrounding and within the community to create a defensible fuel profile zone. The original project awarded identified the treatment area as a 300-foot-wide fuel break along 11-miles roads. Due to COVID-19 challenges and constraints the project treated 68.6 acres. A continuation would allow for additional acreage to be treated as well as maintain the area. This will contribute to reduced Green House Gas (GHG) emissions resulting from wildfire and increased carbon storage and sequestration over time. The primary goal is to facilitate firefighter efforts and public safety.

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Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
20-FP-RRU-0099	Moutain Communities Fire Safe Council	Undeveloped Parcels Hazardous Fuels Reduction	Riverside*	\$420,000	The project communities lie within the SRA in an area impacted by successive years of drought and affected by insect diseased tree mortality. The removal of hazardous fuels will limit the spread of wildfire by decreasing the intensity of the fire and limiting the potential ember cast amongst the homes. A fire that starts from private property will have less of a chance of escaping into adjacent forest land after hazardous fuels have been limited and removed. Preventing large fires will restrict large net GHG emissions of these lands. These measures will help retain the long-term carbon sink benefits of the land.
20-FP-RRU-0124	County of Riverside	Juvenile Fire Intervention Program	Riverside*	\$1,258,821	Early childhood education is key in deterring risky behavior in youths starting fires. From curiosity to emotional and mental health issues, a department-wide Juvenile Fire Intervention Program should be a resource for all fire departments, parents/guardians, educators and children at-risk. Between January 1, 2019 - December 31, 2020 reports were filed by first responders on 160 wild land fires that were caused by youths at-risk, totaling nearly 230 acres of grasses, brush and forest land burned. (Source: CalFIRS) RCFD does not currently have an intervention program and feel with proper outreach/education the number fires can be decreased which reduces greenhouse gas emissions.

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20-FP-RRU-0221	Soboba Band of Luiseno Indians	The Soboba WUI Prevention Education and Awareness Project	Riverside	\$136,743	The Soboba WUI Prevention Education and Awareness Project would reduce the total amount of wildfire by creating a reservation and community-wide understanding that they reside on or near fire prone areas and there actions can make a difference. The proposal will use mass communication through social media (Instagram, Facebook, and the Soboba Fire website) and mass media platforms (Soboba application, Soboba mass texting, and LED signage) to reach out to large amounts of residents. The Mass communication would consist of tips, advertisements, classroom (in person or WebEx) and hands-on education.
20-FP-RRU-0343	City of Temecula	Temecula Creek Wildfire Risk Reduction Community Plan	Riverside	\$378,000	A wildfire protection plan is critically needed for 177 acres in Temecula Creek mapped with Very High Fire Severity, Highest Threat to Communities and Wildland Urban Interface/Influence Zones. This fire hazard is severely heightened with overgrown invasive plants, persistent human trespassing, illegal camping and fire ignitions likewise degrading sensitive habitat/cultural resources. GHG will be reduced with a Plan to prevent wildfires, reduce burn area, and protect adjacent 28,491 acres and 3,048 structures (assessed at \$1.5 Billion) from burning. The City will use this Plan in other fire-risk areas with sensitive habitat, and share it statewide to deter even more burns/fires to reduce GHG.

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Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
20-FP-RRU-0368	The Wildfire Conservancy	Wildfire Risk Reduction: Waste Hauling Fires Outreach, Training, and Ed.	Riverside*	\$392,308	Waste streams include green wastes, recycled materials, and traditional municipal solid waste. When these products combust, they release carbon dioxide into the atmosphere, but can also release atmospheric compounds that are hundreds of times more volatile as a greenhouse gas. Reducing these is an important part of this project effort. Any waste hauling fires that also cause a wildland or WUI fire can further exacerbate our climate problem by releasing even more carbon and volatile greenhouse gasses into the atmosphere, an results in a loss of carbon sequestration that would normally occur in these ecosystems. Our program will have both immediate and long-term benefits for our climate goals
20-FP-SBC-0020	Carpinteria-Summerland Fire Protection District	Carp-Summerland Fire Hazardous Fuel Reduction	Santa Barbara*	\$385,840	The objective of the Chipping project is to reduce the amount of combustible vegetation that would put structures at risk in the event of a wildfire. Assist homeowners to remove dead or dying trees that pose a risk to structures or evacuation movement. The program will also expand community member's defensible space envelope which will increase the overall effectiveness of the Fire District's Fuel Treatment Network. Reduction of roadside and human caused fire starts near homes will be reduced so fires are less likely to spread beyond their incipient stage. Public health and safety are enhanced as a result of the reduced probability of fire start.

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20-FP-SBC-0218	CA-SBC Santa Barbara County Fire Department	Tepusquet VMP	Santa Barbara*	\$6,440,879	The Tepusquet VMP is a 4-year project where the SBCFD will conduct multiple fuel treatment actions. The overall project boundary is 42,130 acres in an area of SBC with a history of large wildfires. The planned treatments include 32.5 miles of roadside fuel reduction, 2,064 acres of prescribed fire burn plots as well as a TBD amount of community DSP. The fuel reduction treatments are intended to protect communities, reduce the number of ignitions, and limit the size and intensity of fire occurrence in older age class fuels in Tepusquet Canyon and nearby areas of Sisquoc and Cuyama valleys. Long-term reduction in GHG is accomplished through reduction in acres burned over time.
20-FP-SBC-0255	Santa Barbara County FireSafe Council	NFWF Regional Wildfire Mitigation Program	Santa Barbara*	\$686,094	This proposal will focus on the often forgotten human element associated with wildfire. If we create better informed communities, we can limit the number of ignitions, which will then limit the number of wildfires. We will do this by assessing vulnerable population's interest and engagement in the Firewise USA program. We will also be holding events to educate the public and initiate neighborhood leadership. All of this will be tracked through video documentation so other communities can follow our lead. We will also create a web-based structural retrofit platform for potential future home hardening funds.

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20-FP-SBC-0403	U.S.F.S Los Padres N.F	LPF Santa Barbara Ranger District CAL FIRE Grant	Santa Barbara	\$154,000	The Los Padres National Forest's Santa Barbara Ranger District's East Camino Cielo Corridor has played a significant role in the historic fires of the LPF and surrounding communities inside the CAL FIRE SLU Unit. The communities that the ECCC spans and influences include Carpinteria, Montecito, Santa Barbara, Painted Cave, and the Trout Club. In communication with adjoining cooperators that include Santa Barbara County Fire and Santa Barbara County Sheriff's office, the following proposal is being submitted to reduce unwanted human starts and destruction to the community from wildfires by installing 2 gates at critical access points. As well as purchasing 3 mobile electric roadway signs.
20-FP-SBC-0458	Mountain Ember Team	Fuel Reduction in the Painted Cave Community	Santa Barbara	\$12,824	We propose a fuel reduction program that includes weed abatement, chipping and elimination of ladder fuels. These activities will reduce the chances of wildfire spreading to our community and reduce the amount of wildfire and wildfire emissions should a fire occur. Wildfires produce large amounts of greenhouse gases such as carbon dioxide, methane and nitrous oxide, which have been linked to climate change / global warming. In 2020, an estimated 4.2 million acres burned in California, generating 111.7 million metric tons of CO2. We believe our proposed activity will result in lowering the risk of catastrophic wildfires that would increase emission of greenhouse gases.

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20-FP-SCU-0006	The Regents of the University of California	Russell Research Station Fuels Reduction Project: Creating a Fire-Safe Hub	Contra Costa	\$1,462,413	Russell is adjacent to the community of Lafayette, and bordered by a dozen homes and Valley View Reservoir on its southern border. Current fuel loads at Russell - including total amount of fuel, total amount of large woody material, and vertical and horizontal continuity of fuel - have created a scenario in which high severity fire is likely should an ignition occur at Russell or travel into Russell. High severity fires significantly impact California air quality, with smoke plumes that can emit millions of metric tons of CO2 in only a few weeks. Given the proximity to the large population in the Bay Area, such emissions could be devastating to the health of millions of residents.
20-FP-SCU-0012	City of Morgan Hill	West Morgan Hill Hazard Reduction & Fire Prevention	Santa Clara	\$753,376	With the targeted removal of the highly flammable fuel source of Eucalyptus trees, wildfire ignition in this very high fire hazard severity zone would be less likely to happen, and if one were to occur, it would likely burn at lowered severities, with reduced fuel consumption, heat production, and GHG emissions. The outreach and educational components of the proposed project will support fire mitigation efforts at a local community level and help with the creation of a fire-adapted community. These combined objectives have the potential of reducing the occurrence and spread of wildfires in this location, which in turn reduces the potential associated greenhouse gas emissions.

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20-FP-SCU-0024	Moraga-Orinda fire District	Tunnel East Bay Hills Fuel Break	Contra Costa	\$10,634,272	The Tunnel East Bay Hills Fuel Break will significantly reduce the the threat of uncontrolled wildfire and associated green house 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 and to preserve 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.
20-FP-SCU-0119	Diablo FireSafe Council	Partners in Wildfire Prevention in Alameda and Contra Costa	Alameda*	\$493,850	The program will reduce potential emissions through hazardous fuel reduction around homes and community chipping days; benefiting both communities at risk and adjacent SRA. Treated areas will be less ignitable; avoiding emissions being released in an uncontrolled wildfire. The program minimizes GHG emissions during treatment by using chipping and lop and scatter, instead of open burning. Cut materials kept on site also reduce direct emissions related to transportation. Improved public awareness will contribute by: reducing human ignitions, catching wildfires early, and facilitating firefighting. Development of Firewise communities will continue collective, community-wide efforts.

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20-FP-SCU-0120	Alameda County Fire Department	Fuel Reduction Chipper Program	Alameda*	\$200,392	<p>The Alameda County Fire Department (ACFD) Chipper Program would provide free chipping service to homeowners, based on the you cut, we chip model. Homeowners are responsible for cutting, gathering and piling vegetation from around their property to a roadside or drop-off location. ACFD will send crews to provide the chipping service very high/high fire severity zone neighborhoods to chip vegetation either back on site or for removal. Chips will be hauled off at no cost.</p> <p>The ACFD Chipper Program is a collaborative effort between Alameda County Fire, Diablo Fire Safe Council, Palomares Homeowners Association, and the Columbia Homeowners Association.</p>
20-FP-SCU-0159	East Bay Regional Park District	East Bay Regional Park District - Goat Grazing for Fire Prevention	Contra Costa*	\$3,475,476	<p>The East Bay Regional Park District (EBRPD) is one of the largest landowners in the East Bay. Across these lands, the threat of catastrophic wildfires under Diablo winds presents significant risks to public health, safety, and property along the Park's wildland-urban interface contributing to a substantial regional fire threat.</p> <p>To mitigate these threats, the EBRPD is using goat grazing across approximately 1,000-acres of non-contiguous Park land. Goats offer many benefits as a sustainable tool in managing land. They are less risky than herbicides, gas-powered mowers, or controlled burns that can damage the surrounding ecosystem, spark blazes, and create additional greenhouse gas emissions.</p>

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20-FP-SCU-0160	East Bay Regional Park District	East Bay Regional Park District - Wildfire Risk Mapping	Alameda*	\$773,929	The East Bay Regional Park District (EBRPD) is one of the largest landowners in the East Bay, covering two counties. Across these lands, the threat of catastrophic wildfires under Diablo winds presents significant risks to public health, safety, and property contributing to a substantial regional fire threat. One of the essential tools for wildfire risk reduction planning is the use of accurate, up to date, wildfire risk assessment modeling data. While cross boundary collaboration is happening among organization in ALCO and CoCo, the high quality data doesn't exist. This project will fill the gap and ultimately reduce wildfire emissions.
20-FP-SCU-0189	Wildcat Canyon Community School	Wildcat Canyon Community School Wildland Fire Hazard Mitigation Plan	Contra Costa*	\$284,321	The school property is located within a Wildland Urban Interface (WUI) directly adjacent to a Very High Fire Hazard Severity Zone. Given the high risk of fires in this particular area, ANY efforts done to plan for and mitigate wildland fires will reduce the risk of having small and catastrophic fire events and thereby reduce the potential for losing lives and destroying properties. Such planning efforts would reduce the risk of extreme fires which release huge amounts of CO2 in a very short time. By minimizing the risk of extreme fires on school's property, we are preventing an incident that could potentially emit large quantities of greenhouse gases in a very short amount of time.

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20-FP-SCU-0204	Oakland Firesafe Council	OCP&R Phase II	Alameda	\$125,000	<p>The project will build upon the success of the Oakland Firesafe Council's OCP&R Phase I educational program to reduce the risk of wildfire and to improve wildfire response in the City of Oakland. This will entail providing education, training, materials and on-going support, focusing on the following objectives:</p> <ul style="list-style-type: none"> - develop and provide educational materials and training for small businesses in merchant areas - promote additional NFPA Firewise USA® sites in H/VHFSZ areas - in partnership with UC Davis, provide evacuation scenario gaming-based training - instruct neighborhoods on how to organize to better prepare for, and respond to a wildfire
20-FP-SCU-0222	City of San Jose - Parks, Recreation and Neighborhood Services	Alum Rock Park Wildfire Hazard Reduction & Vegetative Management Plan	Santa Clara	\$200,000	<p>Reducing fuel loads and improving access on existing roads and trails will provide for rapid access to wildfires allowing for quicker containment and less overall greenhouse gas emissions.</p> <p>Reduce scale of wildfires to Reduce greenhouse gas emissions.</p> <p>Improve vegetation health and ecosystem function, allowing a resurgence of native plants in the treated areas and a concomitant potential for carbon sequestration.</p> <p>Reduce emissions by preventing catastrophic wildfires. This would also prevent the need for cleanup and rebuilding of homes and businesses.</p>

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20-FP-SCU-0223	City of Newman	Newman Fire Auxiliary Fire Prevention materials	Stanislaus	\$5,406	The purpose of this project is to educate the public about reducing the spread of wildfires, to increase the safety of vulnerable populations, such as seniors and children, and to increase the visibility of the fire prevention efforts for the City of Newman and surrounding areas. Our fire prevention program does not require the use of fuel or equipment that release greenhouse gases. It is a cost-effective, high impact education program that educates the public about actions they can take to prevent fires and create defensible space around their homes .
20-FP-SCU-0244	City of Oakland Public Works	Skyline Blvd Evacuation Route	Alameda*	\$896,000	Skyline Blvd is a major evacuation route for residents in the Oakland Hills with a significant number of dead/dying trees and trees with potentially hazardous branches within striking distance that could cause catastrophic road closure during a wildfire event, affecting both emergency personnel attempting to control fire and the 57,708 residents who need to evacuate the area. The project area is immediately adjacent to the SRA. Mitigating these hazards will reduce fire spread (and GHG release) and potential harm to life, utilities, and structures, including 23,631 residential homes. Additionally, 150 oak trees will be planted in the project area to provide shaded fuel breaks and GHG benefits

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20-FP-SCU-0272	Stanislaus County Office of Emergency Services	Stanislaus County Community Wildfire Protection Plans Project	Stanislaus*	\$211,680	This project will reduce wildfire frequency, severity and overall greenhouse gas (GHG) emissions in alignment with Cal-Fire SCU & TCU Strategic Plans through development of Community Wildfire Protection Plans that identify local wildfire hazard mitigation priorities and recommendations for the western and eastern county wildland urban interface and surrounding areas and to support the development of Fire Safe Councils for these areas recognized as moderate to very high fire hazard severity zones. The project will promote increased community safety and reduced risk for GHG emissions through Council coordinated activities that teaches at-risk communities about fire prevention and resilience.
20-FP-SCU-0291	Santa Clara County FireSafe Council	Connectivity: Fuel Breaks, Evacuation Routes & Education	Santa Clara*	\$1,487,069	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 structure.
20-FP-SCU-0334	Moraga-Orinda fire District	Morag-Orinda Fire District Community Chipping Grant	Contra Costa*	\$559,440	The community-chipping program helps minimize greenhouse gas by creating reducing the amount of combustible vegetation near homes. This helps prevent firebrands or embers from finding a receptive fuel bed next to a structure and causing that structure to ignite thereby producing green gases. The benefit to downwind disadvantaged communities and the vast majority of the Bay Area is that a large fire in the East Bay Hills will produce very large amounts of smoke that during a Diablo wind event would be pushed into all East Bay communities.

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20-FP-SCU-0355	Berkeley National Lab Security and Emergency Services Division	University of California - Berkeley National Lab Wildland Fire Risk Reduction	Alameda*	\$2,932,240	The UC Lawrence Berkeley National Laboratory (LBNL) proposes to expand the efforts of Grant 5GG17202 for neighboring UC Berkeley (UCB), to reduce wildfire risk on 204 LBNL acres, which provide a firebreak for Berkeley, Oakland, and UCB. Over 100 buildings, including those of international scientific recognition are at risk at LBNL, including life safety of the 4,200 daily campus users and thousands of adjacent residences. The efforts will increase the reliability of the sole 1500 kV PG&E transmission line, which provides power to LBNL and UCB. The project will target eucalyptus tree stands and high fuels subject to release CO2 in a wildfire. Roadside treatment will improve evacuation routes.

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Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
20-FP-SCU-0397	Sonoma Ecology Center	Hazardous Fuels Reduction Efforts in HOA's Facing High Fire Risks	Santa Clara*	\$1,176,406	Sonoma Ecology Center and A Plus Tree will reduce fire risks in 35 communities in 8 northern California counties; all near high severity fire risk areas; Est. 1,600 structures; 26 are in areas rated "very high" for risk. Treat 340 acres of common space, starting with outreach and education and assessments for ecological fire risk reduction strategies then conducting work. Workshops help managers and homeowners plan risk reduction for long-term changes in fire risk their properties. GHG benefits come from use of electric equipment instead of gas-powered, use of a solar array to charge batteries, and conversion of biomass to biochar, a recognized natural climate solution to sequester carbon.
20-FP-SHU-0009	Lassen Fire Safe Council, Inc.	Shingletown WUI Fuels Treatments	Shasta*	\$8,978,870	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 very high risk from wildfire damage. Treatments will focus on the most densely forested areas on public and private lands to create landscape-scale treatments that will minimize fire spread to surrounding and adjacent to communities. Removal of dead and dying trees around homes, power lines, and other infrastructure will reduce the risk of ignitions and spread within communities. 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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Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
20-FP-SHU-0031	Trinity County Resource Conservation District	Trinity County Hazardous Fuels Reduction Phase II	Trinity*	\$2,119,448	This Project will increase local capacity and reduce hazardous fuels on approximately 600 acres in strategic locations along roads and within communities at risk.
20-FP-SHU-0032	Shasta Lake Fire Protection District	Shasta Lake Hazardous Reduction	Shasta*	\$407,000	Through the use of District personnel with a chipper purchased with this grant and private contractors the focus of the project would be as follows. Thinning of undeveloped properties with shaded fuel beaks. Removal of damaged or dying trees and brush along roadways by use of a chipper not burning. Open over grown access/egress roads allowing fire equipment access as well as public egress. Clearing along roadways to reduce road side fire starts. Assisting property owners by chipping material they have cut to prompt fuel reduction. This project would help keep fires small, reduce GHG emissions, promote small scale projects and education for need of fire hazard reduction.

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Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
20-FP-SHU-0037	City of Shasta Lake	City of Shasta Lake Hazardous Fuel Reduction Project	Shasta*	\$223,000	<p>The main goal of the project is to reduce fire fuels by hand clearing 71+ 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.</p> <p>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.</p>
20-FP-SHU-0038	City of Shasta Lake	City of Shasta Lake Wildfire Preparedness Guide	Shasta*	\$26,000	<p>The main goal of this education program is to provide the public with resources to prevent wildfire. In the event of a wildfire, we want this guide to provide the necessary tools for our community to safely evacuate and plan for evacuations, saving lives is #1 priority.</p> <p>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.</p>

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Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
20-FP-SHU-0162	Western Shasta Resource Conservation District	WSRCD Fire Capacity and Fuels Reduction Program	Shasta	\$906,882	The main focus of the proposal is to lead collaborative efforts to reduce wildfire risk throughout our District. All of the proposed activities--fuelbreak maintenance, defensible space, fire safe community education & outreach--add to overall wildfire risk reduction in Shasta County. Reduced local pollution through CCI projects can bring benefits for ecosystems and associated services such as carbon sequestration, improved soil and water quality, enhanced biodiversity, and preserved trees and water resources. Ecosystem health is connected to community health and well-being, can reduce exposure to future climate impacts, and improve community resilience to droughts, floods, or extreme heat.
20-FP-SHU-0207	Fall River Resource Conservation District	Lower Pit River Fire Prevention Project	Shasta*	\$2,021,148	Fuel break implementation and reduction of fuels in WUIs is a historic vegetation management practice to reduce risk to habitable structures. It is well documented to decrease fire severity and promote recovery of forested areas. These fuel breaks will be all the more effective when connected with larger forest thinning treatments. As found in several studies comparing emissions from wildfires and prescribed fires, this shift in wildfire dynamics will decrease the amount of harmful air impacts and GHGs associated with wildfire smoke. Avoiding the black carbon and short lived climate pollutants associated with catastrophic wildfires is key for California to achieve its carbon goals.

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Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
20-FP-SHU-0233	Trinity Public Utilities District	Wildfire Risk Reduction, Reliability, and Asset Protection (WRAP) Project	Trinity*	\$11,763,840	The WRAP Project would reduce wildfire emissions by preventing wildfire ignition starts from the power lines and facilitating firefighting efforts through vegetation removal along the utility ROW and access roads. Several community facilities, homes, recreational areas, cultural sites, and sensitive biological resources are within or adjacent to the Project Area. In addition, the utility infrastructure is an important source of energy (hydroelectricity) for local communities. The WRAP Project would reduce the risk of utility-sparked wildfires, which would both reduce wildfire emissions around communities and preserve hydroelectricity infrastructure, providing substantial GHG benefits.
20-FP-SHU-0384	Sacramento River Watershed Program	Shasta-Lassen Counties Forest Health and Strategic Wildfire Planning	Shasta*	\$665,778	The project will enhance the resilience of and potential for carbon sequestration on lands by strategically planning and prioritizing fuel reduction efforts in order to increase the pace and scale of collaborative efforts that will result in a reduction of GHG and black carbon emissions from wildfire and management activities. The project will focus on priority areas that will lead to long-term forest management goals of greater carbon storage and more resilient forest structure. Northern California is experiencing devastating fires that have led to permanent timber to brush transition. Helping to reduce wildfire and protect these important timberlands is a priority for the area.

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Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
20-FP-SHU-0446	Shasta Lake Fire Protection District	City of Shasta Lake Fire Clearing	Shasta*	\$507,660	This proposal will dramatically reduce the total amount of wildfire emissions & GHG around the surrounding communities/ homes/ infrastructure. There have been recent fires bordering this land as in April of 2021 & 3 years ago that destroyed homes on Hill Blvd.(across the street) & impacted one of the major egress routes. The property is in a Severe Fire Hazard Zone with hilly terrain & is heavily wooded with fallen trees/thick bushes. There is a tremendous amount of dry fuels/fallen trees/logs/thick Manzanita bushes that would be cleared to create a shaded fuel break. It has a ravine that backs up to 100+ nice houses. It borders the transfer station with toxic materials that could combust.
20-FP-SKU-0112	Northern California Resource Center	Partridge Pines Community Hazardous Fuels Reduction	Siskiyou*	\$451,416	The community of Partridge Pines and surrounding areas are a high risk WUI area with high density residential areas, access roads and key community infrastructure. This project will remove 200 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. A healthier forest will absorb more carbon and reduce atmospheric Greenhouse gases. There will be no burning associated with the elements of this project.

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Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
20-FP-SKU-0113	Northern California Resource Center	Disabled and Elderly Defensible Space	Siskiyou*	\$281,568	This project will provide funding to assist 45 elderly and/or disabled homeowners to create 100 feet of defensible space around their structures according to Public Resource Code (PRC) 4291 (a) and (b) and with regulation 14 CCR 1299, Defensible Space. These homeowners cannot perform the work or afford to hire out the work. These homeowners live within high fire risk WUI areas. The project will treat around structures and ingress/egress roads. This treatment will reduce or prevent the intensity of future wildfire, while reducing potential greenhouse gas emissions from structures and dense fuels in these high risk WUI areas.
20-FP-SKU-0114	Northern California Resource Center	Hammond Ranch Community Chipper Days	Siskiyou*	\$118,496	This project will provide 30 free chipper days to the Hammond Ranch Community. The landowners will perform their own thinning and hand pile the slash per specifications. The free chipper days will provide a chipper with crew to chip the prepared hand piles. This project would provide incentive for landowners to reduce hazardous fuels on their property. 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, improve public health and safety, provide safer access for emergency responders and reduce the chance of future Greenhouse gas emissions.

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Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
20-FP-SKU-0115	Northern California Resource Center	Hammond Ranch Ingress/Egress Shaded Fuel Break	Siskiyou*	\$445,816	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 College of the Siskiyous. This project will treat a total of 200 acres of dense fuel along critical Ingress/Egress roads to reduce wildfire danger, increase public health and safety, provide safer access for emergency responders, and help create a healthier forest. The project will remove undergrowth, dead and dying trees and thin thick stands of overgrown trees. A healthier forest will absorb more carbon and reduce atmospheric Greenhouse gases.
20-FP-SKU-0116	Northern California Resource Center	Seiad Creek Ingress/Egress Hazardous Fuels Reduction	Siskiyou*	\$180,337	The Seiad Creek Road community is in a very high risk WUI area with dense hazardous fuels. This project will treat a total of 70 acres of dense fuel along critical Ingress/Egress roads and driveways to reduce wildfire danger, increase public health and safety, provide safer access for emergency responders, and help create a healthier forest which will help reduce wildfire emissions from future catastrophic wildfire. The project will remove undergrowth, dead and dying trees and thin thick stands of overgrown trees. A healthier forest will absorb more carbon and reduce atmospheric Greenhouse gases.

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Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
20-FP-SKU-0133	Fire Safe Council of Siskiyou County	Dunsmuir Hazardous Fuel Reduction Project	Siskiyou*	\$3,737,160	The project will treat approximately 700 - 1,000 acres and 100 - 200 selected parcels in the City of Dunsmuir and extending south to Castella located in Shasta County, in areas with high probability of human ignition. This work will reduce the fire intensity allowing firefighters to suppress the fire. Reducing total amount of wildfire damage to communities and surrounding forest lands will avoid emissions associated with wildfire, including: structure loss, debris removal associated with disaster recovery, vegetation combustion, biogenic decay from fire killed vegetation, rebuilding structures, fire suppression, and vegetation conversion from high carbon forest to low carbon shrubs.
20-FP-SKU-0134	Fire Safe Council of Siskiyou County	North Mount Shasta Fuels Reduction Project	Siskiyou*	\$4,885,741	The project will treat approximately 1,000 - 1,400 acres in Mount Shasta City, in areas with high probability of human caused wildfire ignition. This work will reduce the fire intensity allowing firefighters to suppress the fire. Reducing total amount of wildfire damage to communities and surrounding forest lands will avoid emissions associated with wildfire, including: structure loss, debris removal associated with disaster recovery, vegetation combustion, biogenic decay from fire killed vegetation, rebuilding structures, fire suppression, and vegetation conversion from high carbon forest to low carbon shrubs.

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Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
20-FP-SKU-0135	Fire Safe Council of Siskiyou County	I-5 Fuels Treatment (Azalea Phase II)	Siskiyou*	\$377,841	The project will treat approximately 40 acres along the I-5 corridor in areas with high probability of human caused wildfire ignition. This work will reduce the fire intensity allowing firefighters to suppress the fire. Reducing total amount of wildfire damage to communities and surrounding forest lands will avoid emissions associated with wildfire, including: structure loss, debris removal associated with disaster recovery, vegetation combustion, biogenic decay from fire killed vegetation, rebuilding structures, fire suppression, and vegetation conversion from high carbon forest to low carbon shrubs.
20-FP-SKU-0136	Fire Safe Council of Siskiyou County	Lake Shastina Fuel Reduction Project	Siskiyou*	\$2,248,696	With strategic fuel reduction, the size and magnitude of wildfires could be substantially reduced to all communities, assets and resources at risk. By avoiding having a wildfire turn into a catastrophic event, wildfire emissions will be reduced. GHG benefits are great, since avoiding large-scale wildfire, especially of structures and infrastructure, which would greatly contribute hugely to GHG effects.

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Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
20-FP-SKU-0197	Shasta Valley Resource Conservation District	Yreka Ridge Fuel Break	Siskiyou*	\$581,034	The project is designed to protect the communities of Yreka and Hawkinsville from fires entering from the adjacent forest by creating a fuel break that can be used by suppression forces to control fires. The fuel break will also be used in pre-suppression to reduce the decadent brush on the south slope of the ridge with prescribed burning. The fuel break can also protect the forested slopes from fires started within the Community. By tying into the Craggy fuel break system, the project creates a formidable ring around the communities and will reduce fire size and moderate fire effects. By reducing fire size and effects the project will reduce GHG emissions in both forests and homes.
20-FP-SKU-0198	Shasta Valley Resource Conservation District	Siskiyou County Fuel Reduction Collaborative Planning Project	Siskiyou*	\$242,900	This Project will establish an innovative spatial data platform covering Siskiyou County and facilitate landscape scale collaborative planning, empowering local entities with information to optimize resources and strategically target areas for fuels reduction and forest resiliency work in the WUI and surrounding wildlands. This Project will increase capacity, efficiency, and quality of regional fuel reduction and forest management activities that will prevent large wildfires from expelling excessive GHG emissions. It will enhance the potential for carbon sequestration on lands by strategically planning management and restoration that optimizes tree growth and other Carbon sinks.

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Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
20-FP-SKU-0230	Scott River Watershed Council	Hazardous Fuels Reduction, Cooperative Chipper and Fire Prevention Education Project (Phase. I), Scott River, Siskiyou County California	Siskiyou*	\$1,159,524	Guided by the CalFire SKU Unit strategic plan, the Project will reduce community catastrophic wildfires risk by building on existing fuel breaks with 250 acres of new fuel reduction in areas in proximity to communities and timber lands. Focus will be on ingress and egress roads and providing defensible space to residences. Additional roadside chipping and prescribed fire will be conducted to reduce fuels and provide a fire resilient landscape. Mastication, chipping, pile burning, biochar production and prescribed fire will reduce available biomass and fuels in the event of wildfire, thereby reducing GHG production. Community fire prevention education will be integrated into all activities.
20-FP-SKU-0326	McCloud Fire Safe Council	McCloud 89 East Fuelbreak	Siskiyou*	\$103,150	Project is immediately east of the town of McCloud and directly adjacent to State highway 89. This project in concert with others completed around the town is part the local Fire Safe Council long term strategy to provide a low risk buffer around the town. Clearing the understory brush adjacent to the highway will reduce the ladder fuels limiting the chance of a crown fire. By reducing the chance for a crown fire, the commercial overstory is likely to remain intact to keep sequestering carbon. Fuel reduction on the outskirts of town will greatly reduce the chance of a fire advancing into town and burning the stores of carbon in the housing stock along with releasing other toxic pollutants.

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Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
20-FP-SKU-0352	South Yreka Fire Protection District	Westside Road Project	Siskiyou*	\$249,463	This project is a fuel reduction in open land at the City of Yreka southern boundary. this will provide a fuel break between the area called the Pines which has 150+ residents and an area that has a homeless camping problem. Westside road is a major access route and this fuel reduction will insure safe travel for residents and for incoming fire resources. With the fuel reduction the homeless will be less invited to camp in an area that will provide no place to be not seen and for LE to see them easier to have them move on. This area has had a CAL FIRE control burn in the center and this project will clean up the area on each side outside the burned area.
20-FP-SKU-0353	South Yreka Fire Protection District	Killgorehills Project	Siskiyou*	\$104,440	Killgorehills will be a 1.4 mile 200 foot wide fuel break to provide a place to stop or slow a running fire to or from the City of Yreka, and provide a save access for residents escaping a wildfire and to safely get Fire Fighter in the area. this is a large brush patch with an access road. this area in a ideal location to get control of a fire. Interstate 5 is on west side and the Siskiyou Dump is on the northeast side. This area has the Dump at its north east end that at time burns large debris piles and has lightning activity frequently. It will provide for 7600 residents safety.

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Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
20-FP-SKU-0371	Northern California Resource Center	Collaborative Planning & Implementation of Yreka Area FSC CWPP	Siskiyou*	\$161,011	This is a planning project, but one of the goals and outcomes of the project is landscape scale planning and implementation to help reduce the future potential of catastrophic wildfires, therefore reducing the potential for future Greenhouse Gas Emissions.
20-FP-SKU-0372	Northern California Resource Center	South Yreka Creek Hazardous Fuels Reduction Project	Siskiyou*	\$116,704	The project's main focus is to reduce the dense buildup of hazardous fuels to reduce the risk of catastrophic wildfire, which in turn will help reduce future greenhouse gas emissions. Fuels reduction activities can also release greenhouse gas emissions, however, there will be no burning activities associated with this project. The project will be accomplished using hand crews and all slash will be ground or chipped. Project planning will take into consideration effective, logistical planning for utilization of vehicles, chainsaws, and all equipment to further minimize fuels emissions.

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Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
20-FP-SLU-0054	San Luis Obispo County Fire Safe Council	SLO County Community Outreach	San Luis Obispo*	\$193,384	SLO County Community Outreach project has 6 projects that will target various groups using multiple methods to educate 26 communities across the county on fire prevention, preparedness, ember resistant landscape, and structural hardening in order to reduce fire damage, greenhouse gas production, and provide for safer communities throughout the central coast. Projects will be at the CA Mid-State Fair; a new fire station in Paso Robles; multiple neighborhood and school presentations; and training for landscape architects and contractors. The result of the outreach will be fewer and less severe fires which will reduce GHG.
20-FP-SLU-0055	San Luis Obispo County Fire Safe Council	SLO County Evacuation Planning	San Luis Obispo*	\$385,179	Project creates a common platform for all agencies in San Luis Obispo County (SLO CO) to manage wildfire evacuations. The grant will fund development of a reliable source map, plan, and operational platform for critical evacuation intelligence before, during, and after an emergency. The SLO CO Fire Chiefs Association has identified the goal and a sub-committee for a cooperative evacuation zone plan for SLO CO to effectively plan, communicate, and execute evacuations during a wildfire incident. Presently most communities have an assortment of policies/plans, which may not follow FIRESCOPE nor have a systematic approach to public communication and movement during a wildfire evacuation.

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Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
20-FP-SLU-0056	San Luis Obispo County Fire Safe Council	2021 SLO County Hazard Fuel Reduction	San Luis Obispo*	\$2,325,251	We will focus on areas where previous serious fires burned and consequences are high. Project will treat 4,150 acres of hazardous fuels and protect more than 2,600 structures in 16 communities at risk throughout San Luis Obispo County (including Cal Poly University dorms where multiple wildfires have required 6,000 to evacuate). The 20 treatment projects in 9 project impact zones will reduce hazardous fuels across 4,150 acres including: two 2,000 acre prescribed burns in the Parkhill and Cal Poly areas; 20 miles of roadside treatment for safer evacuation and responder access; 150 acres of shaded fuel breaks; defensible space in 6 homeowner association open space areas.
20-FP-SLU-0057	San Luis Obispo County Fire Safe Council	SLO County Forest Health project	San Luis Obispo*	\$2,412,713	This project will protect more than 1,600 structures in SRA by removing dead and dying trees and other hazardous fuels on 7 treatments areas on 5 project impact zones throughout San Luis Obispo County. We will reduce fire risk in 8 WUI communities at risk (Lake Nacimiento, Atascadero, Pozo, Creston, Cambria, San Luis Obispo, Santa Margarita, and San Simeon).
20-FP-SLU-0100	Cambria Community Services District	Cambria Evacuation Studies - Five Models	San Luis Obispo	\$32,200	Project will enable the updating of the evacuation plan for Cambria which will then save lives during an emergency.

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Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
20-FP-SLU-0117	CAL FIRE	SLO County Hazard Mitigation Planning and Mapping	San Luis Obispo*	\$216,315	Maps created as a project deliverable will allow wildland fire hazard planners throughout SLO County more easily understand the risk residents and structures in the WUI face. A clean and simple visualization will give planners a more concrete grasp on which hazards most urgently need to be mitigated and what risks need to be reduced, allowing them to more easily prioritize the most effective projects to mitigate and reduce the appropriate hazards and risks. Successful implementation of this project will result in better planning and mitigation efforts. This pre-planning will help to reduce the number, size and severity of wildfires, reducing GHG emissions over the long term.
20-FP-SLU-0350	Cambria Community Services District	Cambria Evacuation Alert System	San Luis Obispo	\$151,984	The Alert System will provide critical information to the residents in Cambria on safe evacuation routes in case of a wildfire.
20-FP-SLU-0367	U.S.F.S Los Padres N.F	Los Padres N.F. CAL FIRE Grant	San Luis Obispo*	\$21,000	The Smokey Bear Community Prevention Program is active throughout the Los Padres National Forest and spans 6 counties. The majority of which are within the CAL FIRE SLU Unit. By educating our youth, we increase the chances of preventing human caused fire, recreational fire safety and environmental impact awareness. Smokey Bear is an iconic and excellent ambassador of fire education for our youth and young adults.

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Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
20-FP-SLU-0428	City of Pismo Beach Fire Department	Wildland Fire Early Detection Program	San Luis Obispo	\$90,720	The early detection cameras will be added to the existing CALEA certified network that is monitored 24 hours a day in a Police Dispatch Center that is linked to a CAL FIRE ECC. The monitored cameras will help detect wildland fires much earlier than relying on public to report a fire with location accuracy and resource needs. Early detection will help reduce overall acreage of a wildland fire, thus reducing wildland fire emissions.
20-FP-TCU-0013	County of Tuolumne	Tuolumne County Hazardous Fuels Reduction Program	Tuolumne*	\$1,334,771	Tuolumne County will use the grant funds to create fuel breaks and hazardous fuel reduction projects on county maintained roads. This will enable Tuolumne County to reduce greenhouse gas release by limiting the number of new roadside fires started in treated areas, enabling firefighters to keep fires smaller burning less acres annually and protecting communities and structures that would contribute to greenhouse gas emissions if the structures were to be damaged or destroyed by a fire. Project area includes (SRA) in Tuolumne County (329,344 acres) and will benefit 27,000 habitable structures.

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Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
20-FP-TCU-0028	Calaveras County Resource Conservation District	Blue Lake Springs and Boundary Dead Tree and Hazardous Fuels Mitigation	Calaveras	\$161,212	This fuel reduction project will treat 14 acres on 5 high priority parcels. It will protect 1700 homes in the Blue Lakes Springs HOA, the town of Arnold (pop. ~4,000), and the Ebbetts Pass Corridor. The 2020 wildfire season in California burned >4.2 million acres, releasing more than 90 million tons of CO2 into the atmosphere, 30 million tons more than is created to provide power to the entire state. Using the above estimates, every 1,000 burned acres release about 21,000 tons of CO2. Carbon sequestration achieved through improved forest health and growth, coupled with fewer and smaller wildfires resulting from fuels reduction projects like this one can drastically reduce CO2 emissions.
20-FP-TCU-0033	City of Angels	City of Angels Vegetation Management Project	Calaveras*	\$190,000	Reduce GHGs by reducing fuel loads with purchase of a track loader/masticator/trailer and implementing Phase I (42± ac.) of a multi-phase fuel load reduction plan (126± acres) on City-owned critical infrastructure and roads in and outside the City limits (LRA/SRA) in the WUI; making the equipment available to the Altaville-Melones Fire Protection District (SRA/SDPA); and providing a demonstration project for the "Calaveras COG/Calaveras County/City of Angels Greenhouse Gas Inventory and Climate Action Plan" including a first-of-its-kind consideration of wildfire impacts on GHG emissions and identifies actions to reduce these GHGs in the context of a City/County-level Climate Action Plan.

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Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
20-FP-TCU-0087	Utica Water and Power Authority	Utica Fuel Breaks and Vegetation Removal Project	Calaveras*	\$491,000	This project will directly help reduce potential greenhouse gas emissions by slowing or catching wildfires before they become catastrophic and destroy thousands of acres of forest, hundreds of homes, businesses and critical infrastructure, such as the 2015 Butte Fire that burned 75,000 acres and destroyed 500 homes in Calaveras County. The proposed fuel breaks and vegetation removal project that Utica hopes to achieve through this grant is the first line of defense to help prevent a wildfire from roaring out of the steep North Fork Stanislaus River Canyon and threatening more than 2,000 homes along the Highway 4 Corridor and thousands of acres of brush and forest land.
20-FP-TCU-0102	Calaveras County Resource Conservation District	Forest Meadows/Wylderidge Fuels Reduction Project	Calaveras	\$440,608	The proposed shaded fuel break will reduce the risk of fire ignition, slow its spread, and prevent its climb to the canopy, thereby increasing the chance of containment before any of our homes and community infrastructure is involved. Avoiding stand-leveling, catastrophic wildfire, minimizes the massive release of GHGs into the atmosphere and keeps them stored in our trees and structures, thereby mitigating global warming. Our proposal also mitigates global warming by improving forest health. Removing dense brush reduces competition for water and nutrients and releases the residual stand to grow. This increased growth rate increases the rate of carbon sequestration from the atmosphere.

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Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
20-FP-TCU-0105	Groveland Community Services District	Groveland Community Services District Infrastructure Fuel Reduction	Tuolumne*	\$405,462	Groveland is in an area that is subject to vegetation fires with fire probability above 1%. The hilly terrain, incursion of flammable vegetation and generally difficult road system make wildland fire the most serious threat for conflagration should a fire escape building of origin or the ignition occurs outside. Private contractors utilizing handcrews and/or operating masticators, will create an approximate 119 acres shaded fuel break by handcutting or masticating surface and ladder fuels in the understory of the Groveland Community Services District properties. This fuel reduction will allow firefighting forces the ability to protect critical water and sewage infrastructure.
20-FP-TCU-0131	Tuolumne County Resource Conservation District	Pine Mountain Lake Fuel Reduction Project	Tuolumne*	\$2,202,280	The probability of high intensity wildfire is high for the project area due to unnatural and large quantities of dead surface, ladder, and canopy fuels in a densely packed WUI setting. People set fires, whether with malice or not. High intensity fires release high amounts of PM2.5 and PM 10. Within the project area sits Pine Mountain Lake Association(PMLA), a large WUI subdivision with 2,834 buildable lots. If the project gets approved, this 641 acre fuel break will protect PMLA and the communities of Groveland and Big Oak Flat from the east. This fuel break has also been planned to protect communities, infrastructure, human life, and important watershed habitats from the north and south.

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Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
20-FP-TCU-0142	Calaveras Foothills Fire Safe Council	Calaveras County Door to Door Chipping Program	Calaveras*	\$169,680	<p>The goal is to prevent catastrophic wildfires in our County similar to the Butte Fire in 2015 which burned nearly 75,000 acres and 500 homes. The hope is to keep fires from becoming catastrophic thus greatly reducing GHG potential.</p> <p>This projects most significant contribution to the reduction of Greenhouse Gas Emissions is its ability to minimize catastrophic wildfire the CCI Fire Prevention Grants Program is intended for project exactly like this one.</p> <p>This project will directly affect the reduction of greenhouse gases by eliminating or reducing wildfire starts, slowing or catching wildfires before the destroy critical infrastructure, WUI areas and important water shed areas.</p>
20-FP-TCU-0143	Calaveras Foothills Fire Safe Council	Dorrington/Camp Connell HOA's Common Area Fuel Reduction Grant	Calaveras*	\$249,200	<p>The goal is to prevent catastrophic wildfires in our County similar to the Butte Fire in 2015 which burned nearly 75,000 acres and 500 homes. The hope is to keep fires from becoming catastrophic thus greatly reducing GHG potential.</p>

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Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
20-FP-TCU-0144	Calaveras Foothills Fire Safe Council	Love Creek Fuels Reduction	Calaveras*	\$726,026	The goal is to prevent catastrophic wildfires in our County similar to the Butte Fire in 2015 which burned nearly 75,000 acres and 500 homes. The hope is to keep fires from becoming catastrophic thus greatly reducing GHG potential. This projects most significant contribution to the reduction of Greenhouse Gas Emissions is its ability to minimize catastrophic wildfire the CCI Fire Prevention Grants Program is intended for project exactly like this one. This project will directly affect the reduction of greenhouse gases by eliminating or reducing wildfire starts, slowing or catching wildfires before the destroy critical infrastructure, WUI areas and important water shed areas.
20-FP-TCU-0145	Calaveras Foothills Fire Safe Council (CFSC)	MFPD Pre-Fire Mapping Project	Calaveras*	\$99,109	The MFPD Pre-Fire Mapping Project (the Project) will reduce the possibility of significant high-severity wildland fires by reducing the time firefighters access, thus suppress, an initial ignition, minimizing the inherent greenhouse gas emissions over time. Every fire ignition has the potential to grow to catastrophic proportions. The larger the fire acres, the greater the structure and vegetation threat and the more greenhouse gas emissions produced as well as detrimental effects on air quality and watershed sediment loading. The Project therefore reduces wildfire emissions through "avoided wildfire emissions".

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Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
20-FP-TCU-0146	Calaveras Foothills Fire Safe Council	Murphys Area Fuels Reduction Program	Calaveras*	\$437,240	The goal is to prevent catastrophic wildfires in our County similar to the Butte Fire in 2015 which burned nearly 75,000 acres and 500 homes. The hope is to keep fires from becoming catastrophic thus greatly reducing GHG potential. This projects most significant contribution to the reduction of Greenhouse Gas Emissions is its ability to minimize catastrophic wildfire the CCI Fire Prevention Grants Program is intended for project exactly like this one. This project will directly affect the reduction of greenhouse gases by eliminating or reducing wildfire starts, slowing or catching wildfires before the destroy critical infrastructure, WUI areas and important water shed areas.
20-FP-TCU-0147	Calaveras Foothills Fire Safe Council	Rancho Calaveras Fuels Reduction Program	Calaveras	\$212,240	The goal is to prevent catastrophic wildfires in our County similar to the Butte Fire in 2015 which burned nearly 75,000 acres and 500 homes. The hope is to keep fires from becoming catastrophic thus greatly reducing GHG potential. This projects most significant contribution to the reduction of Greenhouse Gas Emissions is its ability to minimize catastrophic wildfire the CCI Fire Prevention Grants Program is intended for project exactly like this one. This project will directly affect the reduction of greenhouse gases by eliminating or reducing wildfire starts, slowing or catching wildfires before the destroy critical infrastructure, WUI areas and important water shed areas.

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Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
20-FP-TCU-0148	Calaveras Foothills Fire Safe Council	Ridge Road Fuel Break	Calaveras	\$321,552	The goal is to prevent catastrophic wildfires in our County similar to the Butte Fire in 2015 which burned nearly 75,000 acres and 500 homes. The hope is to keep fires from becoming catastrophic thus greatly reducing GHG potential. This projects most significant contribution to the reduction of Greenhouse Gas Emissions is its ability to minimize catastrophic wildfire the CCI Fire Prevention Grants Program is intended for project exactly like this one. This project will directly affect the reduction of greenhouse gases by eliminating or reducing wildfire starts, slowing or catching wildfires before the destroy critical infrastructure, WUI areas and important water shed areas.
20-FP-TCU-0149	Calaveras Foothills Fire Safe Council	The Wildfire Next Time Educational Video	Calaveras*	\$375,166	The goal is to prevent catastrophic wildfires in our County similar to the Butte Fire in 2015 which burned nearly 75,000 acres and 500 homes. The hope is to keep fires from becoming catastrophic thus greatly reducing GHG potential. This projects most significant contribution to the reduction of Greenhouse Gas Emissions is its ability to minimize catastrophic wildfire the CCI Fire Prevention Grants Program is intended for project exactly like this one. This project will directly affect the reduction of greenhouse gases by eliminating or reducing wildfire starts, slowing or catching wildfires before the destroy critical infrastructure, WUI areas and important water shed areas.

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Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
20-FP-TCU-0150	Calaveras Foothills Fire Safe Council (CFSC)	WPFDF Pre-Fire Mapping Project	Calaveras*	\$99,109	The WPFDF Pre-Fire Mapping Project (the Project) will reduce the possibility of significant high-severity wildland fires by reducing the time firefighters access, thus suppress, an initial ignition, minimizing the inherent greenhouse gas emissions over time. Every fire ignition has the potential to grow to catastrophic proportions. The larger the fire acres, the greater the structure and vegetation threat and the more greenhouse gas emissions produced as well as detrimental effects on air quality and watershed sediment loading. The Project therefore reduces wildfire emissions through "avoided wildfire emissions".
20-FP-TCU-0170	County of Tuolumne	Tuolumne County Fire Prevention Education	Tuolumne*	\$85,040	Tuolumne County will utilize the funds to maintain and propel the work to create more FIREWISE communities. This will enable the reduction of greenhouse gases by limiting new fires started due to lack of wildfire preparedness. Homeowner's doing their part to understand things they can do to limit wildfires. Less acres burning annually and protecting communities/structures would contribute to reduction through preparedness. Project area includes (SRA) in Tuolumne County (329,344 acres) and will benefit 27,000 habitable structure.

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Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
20-FP-TCU-0171	County of Tuolumne	Tuolumne County Fire Prevention Planning	Tuolumne*	\$327,555	Wildfire risk mapping is a geospatial process that can help to inform evaluations of wildfire hazard or prioritization of fuels management needs across very large landscapes. One specific objective with the wildfire risk mapping is to depict the relative potential for wildfire that would be difficult for suppression resources to contain throughout the county. Its primary purpose is to highlight places where vegetation treatments may be needed to reduce the intensity of future wildfires. It is one of several factors used to prioritize limited fuel treatment resources. Assessing the risk to residents and structure in the WUI will provide prioritization of projects to reduce risk over time.
20-FP-TCU-0174	Tuolumne Utilities District (TUD)	TUD Critical District Facilities Fuels Reduction Project	Tuolumne	\$319,174	The purpose of this grant application is to build resiliency and wildfire protection to the District's eight water storage tanks and a critical wastewater plant that serves over 29,000 residents in various communities throughout Tuolumne County. To achieve this goal, the District proposes hazardous fuel reduction treatments by hand thinning and mastication of 59 acres with a clearance range of 200-300 feet in diameter at the critical facilities. As a very high hazard SRA region, Tuolumne County is vulnerable to devastating wildfires. In 2013, the devastating Rim Fire wildfire, which occurred in Tuolumne County released 15 million metric tons of carbon CO2.

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Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
20-FP-TCU-0321	Highway 108 Fire Safe Council	Mountain Boy Mine/Rocky Top Shaded Fuel Break	Tuolumne*	\$362,384	The Mountain Boy Mine/Rocky Top Shaded Fuel Break will reduce GHG emissions by reducing the opportunity for wildfire and preventing/lessening release of GHG emissions in the event of a wildfire. Reducing fuel loads will allow for quicker control of wildfires, reducing the opportunity for GHG emissions. Wildfires burn at a lower severity where fuels have been reduced, lessening GHG emissions.
20-FP-TCU-0323	Highway 108 Fire Safe Council	Tuolumne County Community Wildfire Protection Plan	Tuolumne*	\$157,146	The new Tuolumne County Community Wildfire Protection Plan will provide an approach to reducing wildland fires and preventing/lessening release of GHG emissions in the event of a wildfire. The CWPP will contribute to the reduction of GHG emissions by prioritizing projects and project areas for reduction of fuel loads. In areas with reduced fuel loads, wildfires can be controlled quicker and burn at a lower severity, reducing GHG emissions.

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Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
20-FP-TCU-0375	County of Tuolumne	Tuolumne County Hazardous Fuels Reduction	Tuolumne*	\$299,281	The Tuolumne County Fire Department will utilize the requested forestry land management equipment to maintain & construct fuel breaks and perform hazardous fuels reduction projects throughout Tuolumne County. The equipment will enable Tuolumne County to reduce greenhouse gas release by limiting the number of new wildland fires started in treated areas, enabling firefighters to keep fires smaller burning less acres annually and protecting communities and structures that would contribute to greenhouse gas release if the structures were to be damaged or destroyed by a wildland fire. Project area includes (SRA) in Tuolumne County (329,344 acres) and will benefit 27,000 habitable structures.
20-FP-TCU-0385	Highway 108 Fire Safe Council	Apple Valley - Meadow Brook, Shaded Fuel Break	Tuolumne*	\$389,043	This 80 acre shaded fuel break (SFB) will have a very significant affect from the consequences of a wildfire in the center of Tuolumne County populated area between the City of Sonora and East Sonora with over 420 habitable structures within the project immediate area and will offer protection to the County's major water storage area, Phoenix Lake. The path of this SFB will remove very dense vegetation reducing the consequences of large amounts of GHG emissions and pollutants being released should a fire occur. The 300 foot wide SFB is populated with extremely flammable foothill vegetation, i.e., buck brush, manazita, scrub oaks, bull pines and grasses commom at 2,400 feet.

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Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
20-FP-TCU-0400	Calaveras County Water District	West Point Fuels Reduction	Calaveras*	\$183,257	Calaveras County Water District owns land within remote, heavily forested areas. These locations house critical water infrastructure which communities rely on. These communities are within a "very high fire hazard severity zone". If a catastrophic wildfire occurred, the infrastructure would be destroyed and communities would be faced with no access to potable water. The Districts project proposes to treat approximately thirty acres of District property where Wildland Urban Interface is choked with brush, ladder fuels and overcrowded timber. There are approximately 700 habitable structures in the nearby communities that would benefit directly from this project.
20-FP-TCU-0401	Calaveras Foothills Fire Safe Council	Appaloosa Roads Clearing Project	Calaveras*	\$282,128	The goal is to prevent catastrophic wildfires in our County similar to the Butte Fire in 2015 which burned nearly 75,000 acres and 500 homes. The hope is to keep fires from becoming catastrophic thus greatly reducing GHG potential. This projects most significant contribution to the reduction of Greenhouse Gas Emissions is its ability to minimize catastrophic wildfire the CCI Fire Prevention Grants Program is intended for project exactly like this one. This project will directly affect the reduction of greenhouse gases by eliminating or reducing wildfire starts, slowing or catching wildfires before the destroy critical infrastructure, WUI areas and important water sheds.

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Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
20-FP-TCU-0402	Calaveras Foothills Fire Safe Council	Cedar Ridge/Highway 4 Fuels Reduction Project	Calaveras*	\$1,528,935	The goal is to prevent catastrophic wildfires in our County similar to the Butte Fire in 2015 which burned nearly 75,000 acres and 500 homes. The hope is to keep fires from becoming catastrophic thus greatly reducing GHG potential. This projects most significant contribution to the reduction of Greenhouse Gas Emissions is its ability to minimize catastrophic wildfire the CCI Fire Prevention Grants Program is intended for project exactly like this one. This project will directly affect the reduction of greenhouse gases by eliminating or reducing wildfire starts, slowing or catching wildfires before the destroy critical infrastructure, WUI areas and important water sheds.
20-FP-TCU-1064	Mokelumne Hill Sanitary District	MHSD Hazardous Fuel Reduction/Shaded Fuel Break	Calaveras*	\$292,240	The project will minimize emission of fuel treatment activities, primarily using disposal methods other than burning (mastication, brush grinding, chipping, etc.). GHG emissions will be reduced in the form of reduced likelihood of wildfire and reduced wildfire intensity. The project will remove undergrowth, dead and dying trees, ladder fuels, and thick stands of overgrown trees (most of which are dead or dying). Reducing the intensity or prevention of a wildfire will reduce GHG emissions. In addition, removal and thinning of dead fuels will create open space for a healthier vegetative environment that will absorb more carbon and reduce atmospheric GHG's into the future.

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Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
20-FP-TGU-0138	Resource Conservation District of Tehama County	TinderSmart Tehama Phase II Project	Tehama*	\$4,877,289	TinderSmart Tehama Phase II Components A, B, and C 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, LRA, and WUI lands. Reducing these fuels will reduce the risk of ignition and fire spread around structures and adjacent open areas, therefore reducing the risk of GHG release through wildfire. To do so, vegetative fuels will be treated using an array of methods such as chipping, mastication, and hand treatment.
20-FP-TGU-0224	Tehama County Transportation Commission	Safety, Secondary Access Community Planning & Evacuation Routing	Tehama*	\$180,000	Project goals are aligned with the States GHG reduction targets and will further progress towards a more sustainable future. The plan will model travel demand to manage travel time in case of an emergency thus increasing the efficiency of the transportation system. Land-use and development will become more sustainable through service gaps identification and analysis. The overall vision of the project aims to enhance the equability, and sustainability of the region's transportation system by providing the analysis, actions, and deliverables needed to coordinate a safe and effective emergency response. A more efficient transportation system helps to lower GHG levels.

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Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
20-FP-TGU-0289	Glenn County Resource Conservation District	Stony Gorge Hazardous Fuels Reduction	Glenn	\$409,586	Glenn County RCD would like to reduce the heavy fuel loads on a ridge above the town of Elk Creek and replant with grass to improve the rangeland and create a fuel break that will protect the town from a catastrophic fire starting in a popular recreation area due to a dragging trailer chain on an RV or boat trailer and illegal fireworks or a cigarette. This area is oak woodlands and chaparral and is directly above all of Elk Creek town water supply and San Mateo's electrical generation system. Removal of heavy fuels will also benefit GHG emissions in the case of an uncontrolled wildfire, protect the evacuation route leading out of town and provide ingress for additional fire agencies.
20-FP-TGU-0373	Orland Volunteer Fire Department	Stony Creek Hazardous Fuels Reduction Project	Glenn*	\$668,922	The Stony Creek Hazardous Fuels Reduction Project will significantly reduce greenhouse gases from fire by removing invasive Arundo and Tamarix. Reducing these fuels in the wildland urban interface prevents structure fires and household material combustion that produce toxic GHG. The removal of hazardous fuels will directly result in smaller fires which will reduce carbon emissions and reduce carbon impact. Mechanical removal will provide fire personnel with access to the fire perimeter to extinguish fires more quickly, thereby reducing GHG emissions. Total acreage of wildfires within our project influence zone will be reduced by the hazardous fuel removal.

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Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
20-FP-TUU-0043	TULARE COUNTY RESOURCE CONSERVATION DISTRICT	GROUSE FCR CLEARANCES	Tulare	\$54,861	<p>The project will reduce fire fuels along a critical portion of a CAL FIRE Fire Control Road located in the SRA. A strategic fuel break in this location is a major component of wildland fire suppression / prevention over a wide area. This large area includes the community of Three Rivers, CA. Many structures, regional communication facilities, recreation and water delivery infrastructure will benefit. Wildlife habitat is enhanced and watershed resiliency is improved as a result of the fuel break.</p> <p>Reduced fire activity made possible by the fuel break will significantly lesson GHG emissions.</p>
20-FP-TUU-0044	TULARE COUNTY RESOURCE CONSERVATION DISTRICT	RANCHERIA FCR BRUSHING	Tulare	\$95,329	<p>RANCHERIA FCR PROVIDES A CRITICAL, STRATEGIC FUEL BREAK WITHIN THE SRA. THE BREAK PROTECTS MANY STRUCTURES, THE COMMUNITIES OF SPRINGVILLE AND HAPPY CAMP. THE FCR DIRECTLY PROTECTS THE School of Science & Education (SCICON) AND MOUNTAIN HOME DEMONSTRATION STATE FOREST AND MTN. HOME CONSERVATION CAMP (DOC). ASSETS INCLUDE RECREATION, COMMERCIAL, FOREST AND AGRICULTURAL RESOURCES. WATERSHED/WILDLIFE AREAS ARE ALSO PROTECTED. REDUCED FIRE ACTIVITY LESSON GHG EMISSIONS.</p>

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Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
20-FP-TUU-0045	TULARE CO. RESOURCE CONSERVATION DISTRICT	ESHOM FUEL REDUCTION	Tulare	\$234,276	<p>The Eshom Fuel Reduction Project will create a strategically placed fuel break to better protect the communities of Badger, Sierra Glen, Miramonte to the west, Hartland and the University of California’s Whitaker Forest to the east as well as Pinehurst to the north. More than 3,000 structures are better protected including Hartland Christian Camp with its many cabins, residents and campers. An important communications facility on Eshom Point is protected. Watershed resources/wildlife habitat along Badger Creek, Murry Creek and Dry Creek will be better protected. Federal assets protected include Sequoia/Kings Canyon NP.</p>
20-FP-TUU-0046	TULARE CO. RESOURCE CONSERVATION DISTRICT	WARD CANYON FUEL REDUCTION PROJECT	Tulare*	\$421,112	<p>Ward Canyon project is designed to better protect the community of Springville and will be visible demonstration to landowners and the travelling public of the efficacy of fire fuel clearances. The project involves fuel reduction and treatment of over 600 acres immediately adjacent to the community in and around a more densely populated rural area. Because of the proximity to State Highway 190 and Springville, the area is a ready source of fire fuel. Community infrastructure, a Edison hydro facility all benefit from the reduction of fire fuels in the project area.</p>

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Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
20-FP-TUU-0047	TULARE CO. RESOURCE CONSERVATION DISTRICT	BADGER STATION FUEL REDUCTION PROJECT	Tulare	\$204,040	The Badger Station Fuel Reduction Project will create a strategically placed fuel break to better protect the communities of Badger, Sierra Glen, Mountain House to the east. Also protected is Hartland and the University of California’s Whitaker Forest to the east. The communities of Pinehurst and Miramonte to the north benefit. More than 3,000 structures are better protected including Hartland Christian Camp with its many cabins, residents and campers. An important communications facility on Eshom Point is protected. Watershed resources/wildlife habitat along Badger Creek, Murry Creek and Dry Creek will be better protected. Federal assets protected include Sequoia/Kings Canyon NP.
20-FP-TUU-0052	TULARE CO. RESOURCE CONSERVATION DISTRICT	SAWMILL	Tulare*	\$22,500	The SAWMILL project consists of the acquisition of a portable sawmill particularly suited for use in, otherwise, inaccessible areas of all TCRCDD’s projects across the Tulare County region of the Southern Sierra. The proposed sawmill will dispose of fire fuel material that, otherwise, will be left on the forest floor. Because of its portability, it can be managed in and around structures where larger mechanized equipment cannot access. In the same manner, the mill can be easily moved into more remote areas with a heavy fuel load. These fuels, if reduced in size and weight, can be removed from the forest thusly reducing GHG emissions in the inevitable event of fire.

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Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
20-FP-TUU-0053	TULARE CO. RESOURCE CONSERVATION DISTRICT	GRAPPLE	Tulare*	\$145,000	The GRAPPLE Project comprises of the acquisition of a mid-sized excavator with forest grapple particularly suited for use on all TCRCDC current and future projects across the Southern Sierra. The proposed grapple will make the disposal of fuels more efficient, safer and expedite the processing through the District's chipper and masticator. The treatment of these fuels will greatly reduce the chances of fire and resulting GHG emissions. The grapple will allow the District to more safely treat more acres in less time. This capability equals safer communities. The TCRCDC maintains fleet services and transport equipment to facilitate the machine.
20-FP-TUU-0070	Tulare County Resource Conservation District	Tulare RCD MND	Tulare*	\$54,432	Wildfires are a large producer of GHG emissions. This grant would produce a CEQA document that would be used for fuel reduction projects throughout the wildland areas of Tulare County. The intent of these projects is to reduce the number and size of fires. A Mitigated Negative Declaration covering future projects would allow more funding to be spent on project work rather than preparing CEQA documents. The result would be more work getting done, hopefully fewer and smaller wildfires, and a corresponding decrease in GHG emissions.

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Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
20-FP-TUU-0071	Tulare County Resource Conservation District	Tulare RCD Chipper Days	Tulare*	\$184,800	Wildfires are a large producer of GHG emissions. This project would assist home owners throughout the county in creating and maintaining defensible space around their homes. This could result in decreasing the number, size, and intensity of potential wildfires, which would reduce GHG emissions. Protection of lives, homes, and infrastructure would also result.
20-FP-TUU-0072	Tulare County Resource Conservation District	Ponderosa Phase 3	Tulare	\$549,696	Wildfires are a large producer of GHG emissions. The previous two grants in this area were instrumental in preventing the Castle Fire from entering the community and burning more acres and destroying more structures. This grant would continue reducing the potential for fire by thinning and chipping overcrowded trees, treating slash, and removing dead trees. Preventing a fire would prevent large emissions as well as protecting lives and infrastructure. Thinning overstocked stands will concentrate future growth on healthier, faster growing trees, resulting in increased carbon sequestration for many years.
20-FP-TUU-0073	Tulare County Resource Conservation District	Hartland Fuel Reduction	Tulare	\$225,389	Wildfires are a large producer of GHG emissions. This grant would reduce the potential for fire by thinning brush and overcrowded trees and removing dead trees and brush. Preventing a fire would prevent large emissions as well as protecting lives and infrastructure. Thinning overstocked stands will concentrate future growth on healthier, faster growing trees, resulting in increased carbon sequestration for many years.

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Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
20-FP-TUU-0391	Tulare County Fire Department	Mineral King Hazardous Fuels Reduction Project	Tulare	\$265,870	This project will reduce approximately 1,425 tons of fuel and stored carbon potential. It will also diminish the spread of fire from the wildland into the wildland urban interface, protecting 66 habitable structures and 151 residents.
20-FP-TUU-0392	Tulare County Fire Department	Shadequarter Hazardous Fuels Reduction Project	Tulare	\$431,881	This project will reduce approximately 2,002 tons of fuel and stored carbon potential. It will also diminish the spread of fire from the wildland into the wildland urban interface, protecting 22 habitable structures, 55 residents, and critical key public safety communication infrastructure repeater site for Tulare County Fire, Tulare County Sheriff, CalFire, Sequoia National Forrest, and Sequoia-Kings Canyon National Park.
20-FP-TUU-0393	Tulare County Fire Department	North Fork Hazardous Fuels Reduction Project	Tulare	\$389,371	This project will reduce approximately 1,808 tons of fuel and stored carbon potential. It will also diminish the spread of fire from the wildland into the wildland urban interface, protecting 174 habitable structures and 400 residents.

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Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
20-FP-TUU-0425	TULARE CO. RESOURCE CONSERVATION DISTRICT	CLEARANCES	Tulare*	\$250,020	<p>The "Clearances Project" will provide funding to clear parcels whose owners have demonstrated the inability to meet the requirements for defensible space within the SRA portions of TUU. A stringent screening criteria, established in cooperation with CAL FIRE, will adequately reduce fuels from lands that, otherwise, will not/never be cleared and result in a high fire hazard to the larger community.</p> <p>The TCRCD estimates that more than 150 parcels can/will be cleared that traditionally are in violation due to the circumstances of the landowner (i.e. age, infirmity, low income). Greenhouse gasses are reduced proportionate to the reduction in wildfire burning through these lands.</p>
20-FP-VNC-0026	Mindful Citizen dba Fuel Reduction Works	Northern Ojai Incendiary Fuel and Ember Cast Reduction Project	Ventura*	\$492,970	<p>Remove incendiary, ember cast and firebrand producing fuels by targeting Eucalyptus, Italian Cypress, Fan Palm, etc. around homes and adjacent open areas owned by willing participants that are solely in the Very High Fire Hazard Severity Zone in SRA, and LRA within ½ mile of SRA. There are 543 homes in the project area. By dramatically reducing the number of ignitions in future fires, we are limiting the size and intensity of fire occurrences. Long-term GHG emission reduction will be achieved via reduction in acres and structures burned over time and by substantially diminishing the chances of a wildland or urban fire becoming an out-of-control catastrophic fire.</p>

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Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
20-FP-VNC-0106	Ojai Valley Land Conservancy	Hazardous Fuels Reduction in Ojai Valley	Ventura*	\$76,059	Emissions will be limited during the project activity by utilizing grazing instead of mechanical clearance, as much as possible. Additionally, we will remove a significant amount of weeds and ladder fuels from our large amount of open space that borders several communities and abuts fire access roads. By reducing the amount of vegetation, we will prevent added emissions from wildfires overtime.
20-FP-VNC-0173	Ventura County Resource Conservation District	Ventura County Wildfire Collaborative (VC-WC) Project	Ventura	\$2,707,316	Reducing fire hazards throughout the County leads to increased public safety, infrastructure protection, water conservation, air quality that remains unimpacted by smoke or ash, & avoidance of economic distress on impacted communities. Climate resiliency will be increased on a range of land-use types, residential homes, to agricultural properties. Passive emission reductions through volunteer actions taken from home hardening recommendations is expected be achieved, rather than emissions being released during a wildfire. Optimizing escape routes and understanding traffic patterns in emergencies will allow for more efficient use of emergency vehicles, reducing excessive air pollution.

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Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
20-FP-VNC-0248	Bell Canyon Fire Safe Council Incorporated	Develop a plan for an alternate automobile egress route for emergency use	Ventura	\$111,075	Bell Canyon is an unincorporated community in the WUI surrounded by open land. Most of the surrounding land to the north, west and south is chaparral in conservation land. There is only one route in and out. During the Woolsey Fire the single road in and out was blocked by the fire for a day, trapping residents and firefighters alike. This project will bring together the community, property owners/agents to the north (Boeing) and the west and south (Mountains Recreation and Conservation Authority) to agree on a solution to establish an alternate route to be used by autos for evacuation in time of an emergency such as a wildfire.
20-FP-VNC-0249	Bell Canyon Fire Safe Council Incorporated	Develop a fuel/vegetation management plan for the Bell Canyon area	Ventura	\$379,172	Post Woolsey, there has been an increase in light flashy fuel kn Bell Canyon. There is also significant fuel left over from Woolsey and much of the chaparral has partially recovered. Fuel reduction in Bell Canyon will reduce the risk of wildfire propagation that also ignites homes (coupled with an existing Home Ignition Zone education program). Reducing fuels in the surrounding areas reduces the risk of fast wildfire propagation and benefits not only Bell Canyon but also the cities of Oak Park, Agoura Hills and Thousand Oaks to the southwest with a combined population of over161,900. This all will contribute to reduced risk of wildfire and reduced production of greenhouse gases.

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Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
20-FP-VNC-0342	Concerned Resource and Environmental Workers	Ojai & Santa Paula Chipping and Wildfire Education	Ventura*	\$169,500	The chipping and brush clearance program has incentivized homeowners to reduce fuel-centric vegetation within their property by offering much-needed support with clearance and disposal, thereby minimizing wildfire risk and increasing defensibility. Biomass produced by the chipping program is repurposed locally as mulch for oak woodland restoration projects; this limits GHG emissions by eliminating hauling of the biomass to a processing facility (the closest of which is 30 miles from Ojai), and encourages carbon sequestration through soil regeneration and tree growth.
20-FP-VNC-0466	City of Santa Paula	City of Santa Paula Eucalyptus Fuel Removal	Ventura	\$249,304	The goals are to reduce hazardous fuels in a low income community around homes, critical infrastructure and medical facility structures to create a strategic fuel break, increase vegetation community resiliency and control and manage invasive plant species while minimizing greenhouse gas emissions. We will reach these goals through a variety of treatments including: fuel removal, pruning and limbing of trees, mastication and invasive plants treatments to reduce chances of ignitions along roads, residential structures and critical infrastructure to create fuel breaks that will serve to change fire behavior and reduce the potential for fires which would displace hundreds of residents.
Total Number of Applications: 307			Total Amount Asked: \$349,361,542		

Information about this report:

- List contains applications for 2020-2021 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, 2025 (end of the grant cycle).
 - The grantee is required to submit the final invoices by April 30, 2025.
 - All the funds will be disencumbered by June 30, 2025.
- 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