Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
19-FP-AEU-0010	El Dorado County	El Dorado County Roadway Fuel Reduction	El Dorado	\$393,517	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.

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
19-FP-AEU-0022	Tahoe Resource Conservation District	Lake Tahoe Basin CWPP Update	El Dorado*	\$74,931	CWPPs are designed to reduce the size, severity and impact of wildfire to natural resources and communities thereby reducing the GHG from burning materials. Carbon emissions from large and damaging fires is increasing. CWPPs allow agencies to keep wildland fires small while allowing land management and fire agencies to continue implementing fuels reduction and prescribed fire projects needed for a more resilient community and landscape. This grant builds off those efforts to update this Community Wildfire Protection Plan for communities at risk of wildfire in the Lake Tahoe Basin.
19-FP-AEU-0023	El Dorado Resource Conservation District	Texas Hill Community Wildfire Protection Strategy	El Dorado	\$626,475	The project would implement fuels treatments along roads and within hardwood and conifer forests within the Texas Hill community located south of Placerville. The treatments would enhance emergency access on local roads, reduce changes of ignitions along roads and create shaded fuel breaks that would serve to change fire behavior, reduce the potential for catastrophic crown fires and provide staging areas for fire fighters in the event that a fire occurs. Reduced likelihood of wildfire, particularly catastrophic fire will have the benefit of avoiding or minimizing GHG.

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
19-FP-AEU-0024	Sacramento Municipal Utility District	Hazard Fuels Reduction - El Dorado County	El Dorado*	\$6,762,500	SMUD's proposed project would strengthen the level of fire protection along a critical utility transmission line that runs through a fire prone area of the Sierra Nevada mountains. Since 1916 large fires have occurred in this area with a recurrence intervals of 25 years in and around Placerville, Camino, and Pollock Pines. The 2014 King Fire burned an area of 97,000 acres, including a portion of the transmission line. The estimated total amount of fuel reduction removed is equal to 84,829+235,527 or 320,356 BDT. The estimated net GHG benefits or reduction for the Project TIZ of 3,455 acres is computed as 32,235+60,621 or 92,856 MTCO2e across an assumed 40 year period.

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
19-FP-AEU-0025	Sacramento Municipal Utility District	Hazard Fuels Reduction - Sacramento County	Sacramento *	\$6,779,980	SMUD's proposed project would significantly reduce the probability of a fire starting in Sacramento County associated with dangerous trees falling from private property outside the SMUD's distribution/transmission line ROW into the ROW and taking down a conductor and sparking a fire. If implemented, preliminary estimate of fuel reduction is approximately 37,391bone dry tons (moisture) that will be removed in three years of the Grant. The GHG emissions benefits, depending on the severity of fires, and assumptions are estimated to be between 444,640 Metric Tons of CO2e to 568,341 MTCO2e across a 40-year period by virtue of avoiding catastrophic wildfires in the SMUD Service Territory.

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

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
19-FP-AEU-0037	Georgetown Divide Resource Conservation District	Georgetown Fuel Break - Phase I	El Dorado*	\$950,000	The project would implement fuels treatments along strategic roads and within priority landscape settings within hardwood and conifer forests within the Kelsey community located north of Placerville in El Dorado County. The treatments would enhance emergency access on local roads, reduce chances of ignitions along roads and create shaded fuel breaks that would serve to change fire behavior, reduce the potential for catastrophic crown fires and provide staging areas for fire fighters in the event that a fire occurs. Reduced likelihood of wildfire, particularly catastrophic fire will have the benefit of avoiding or minimizing greenhouse gas emissions.

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
19-FP-AEU-0082	Pioneer Fire Protection District	Wildland Educator and Inspector program	El Dorado	\$229,330	The projected program that the Pioneer Fire Protection District will be requesting funding for from the 2019 – 2020 Cal Fire California Climate Investments Fire Prevention Grant Program is the Wildland Educator and Inspector program. This program will require a position to be created that would be a Wildland Educator and Inspector. This position would conduct defensible space inspections and would serve as a resource for the community and educate the public on recent wildland laws that are applicable to them in a high fire danger zone. This position would also educate the citizens of our service area on what proper defensible space is.

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
19-FP-AEU-1018	Alpine Biomass Collaborative	Hot Springs Road Corridor	Alpine*	\$341,532	The project will lower the risk of a catastrophic fire by reducing the fuel load along a critical evacuation route. This will permit fire fighters to respond safely and quickly to minimize the size, severity and impact of any fire in and around the WUI which includes 136 habitable structures. Risk to critical infrastructure including the Markleeville Water Company's facilities, Liberty Utilities' power line, and the Markleeville Fire Station will be reduced. Thus greenhouse gas emissions will be limited by reducing the amount of burning materials. Moreover, the elimination of ladder fuels and other green material permits the remaining trees to thrive and function as carbon sinks.

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
19-FP-AEU-1030	Mosquito Fire Safe Council [Fiscal Sponsor: El Dorado County FSC]	Fuel Reduction in the Mosquito Fire Protection District	El Dorado	\$495,842	Reducing wildfire risk by reducing fuel loads along the main access road and by establishing adjacent shaded fuel breaks in CWPP priority areas, designed to block routes by which wildfires are likely to arrive. This will reduce the fuels consumed, slow the burning process, and aid firefighters to slow and stop the blaze before it reaches other fuels, including homes, businesses, and infrastructure. Reduction in fuels burned will lower production and release of GHG.
19-FP-AEU-1032	El Dorado Fire Safe Council	Aukum Fairplay Fire Safe Council Safer Roadway Assessment	El Dorado	\$115,130	This will assess roadway emergency access risk by evaluating road vegetation in AFFSC area, density of residences/structures/infrastructure and emergency traffic demands. The Project will prioritize resulting fuel reduction projects along roadways, will improve emergency access risk for residents/emergency responders, reduce fire spread from roadway ignitions, avoid wildfire conflagrations, and thereby reduce wildfire emissions. Keeping emergency traffic moving by creating safer roadways will also reduce emissions from standing, running and blocked vehicles.

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

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
19-FP-AEU-1042	El Dorado County Fire Safe Council	Marshall Road- Georgetown Fuel Reduction Project	El Dorado	\$224,700	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 enormous amount of greenhouse gas emissions.

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
19-FP-AEU-1043	Alpine Fire Safe Council	Community Fuels Breaks	Alpine	\$223,242	There are (3) proposed project areas associated with this application. Woodfords: Alpine Village and Upper Manzantia Rd; Mesa Vista. In each of the three at risk communities, the existing natural overgrown vegetation immediately abutts SRA land as well as threaten inhabited structures in the WUI. If these natural vegetation fuels sources are ignited, the resultant emissions present an air quality threat to the residents of the entire surrounding area, seniors with respiratory issues, children and adults as well. The pollutants from Wildland fire will foul the East Fork of the Carson river, which is a source for drinking water in the Carson Valley downstream of Alpine County.
19-FP-AEU-1051	City of South Lake Tahoe	City of South Lake Tahoe Hazardous Fuel Reduction	El Dorado*	\$843,640	Project Description Summary: The City of South Lake Tahoe's Airport, Public Works and Parks & Recreations Divisions are working collaboratively to create a fire adapted community on the south shore of Lake Tahoe through: 1. Removal of disease, dead and dying trees from City Parks and Campgrounds 2. Fuel load reductions in high density stream zones under City jurisdiction 3. Fuel load reductions and the creation of defensible space around Airport facilities

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
19-FP-AEU-1060	El Dorado Irrigation District	Fire Safe EID: Sly Park Community Fire Prevention	El Dorado*	\$531,465	EID proposes to reduce hazardous fuel vegetation on 411 acres and remove approximately 350 dead and dying trees throughout the Sly Park Recreation Area in Pollock Pines. The risk of wildfire in the SPRA presents a dangerous hazard to critical water storage and conveyance facilities owned and operated by EID and 5,000 habitable structures. The Project is designed to make the SPRA more capable of withstanding climate impacts and more likely to avoid impacts associated with catastrophic wildfire including air pollution. Reducing wildfire, will reduce emissions of GHGs and also increase the carbon sequestration capacity of the forests.
19-FP-AEU-1061	El Dorado Irrigation District	Fire Safe EID: Protecting Wastewater Facilities and Communities	El Dorado	\$293,095	EID proposes to reduce hazardous fuel vegetation on 90 acres around Deer Creek Wastewater Treatment Plant. The risk of wildfire in the Project area presents a dangerous hazard to critical infrastructure owned and operated by EID and 15,000 habitable structures. The Project is designed to make EID's infrastructure more capable of withstanding climate impacts and more likely to avoid negative impacts associated with catastrophic wildfire including air pollution effects. Reducing wildfire, will reduce emissions of GHGs.

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
19-FP-AEU-1062	El Dorado Irrigation District	Fire Safe EID: Protecting Drinking Water Facilities and Communities	El Dorado*	\$218,020	EID proposes to reduce hazardous fuel vegetation on 61 acres around critical infrastructure in the Pollock Pines and Camino WUI. The risk of wildfire in the Project area presents a dangerous hazard to critical water storage and conveyance facilities owned and operated by EID and 5,000 habitable structures. The Project is designed to make EID's infrastructure more capable of withstanding climate impacts and more likely to avoid negative impacts associated with catastrophic wildfire including air pollution effects. Reducing wildfire, in turn, will reduce emissions of GHGs.
19-FP-AEU-1064	El Dorado Irrigation District	Fire Safe EID: EI Dorado Canal Water Supply Fire Prevention	El Dorado*	\$201,520	EID proposes to reduce hazardous fuel vegetation on 52 acres around critical hydroelectric and water conveyance infrastructure in the WUI. The risk of wildfire in the Project area presents a dangerous hazard to these facilities owned and operated by EID and 4,500 habitable structures. The Project is designed to make EID's infrastructure more capable of withstanding climate impacts and more likely to avoid negative impacts associated with catastrophic wildfire including air pollution effects. Reducing wildfire, in turn, will reduce emissions of GHGs.

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
19-FP-AEU-1090	California Tahoe Conservancy	Good Neighbors - Community Forestry in the Lake Tahoe Basin	El Dorado*	\$1,614,143	This proposal will implement a coordinated management strategy for community forests in the Lake Tahoe Basin. It enables fuel reduction and forest restoration throughout neighborhoods in the WUI. This proposal will implement fire behavior modification treatments on small undeveloped lots across all ownerships. The treatments will be coordinated with defensible space assistance programs, resulting in contiguous areas of reduced fuels and improved forest health. The reduced risk of wildfire and beetle mortality will result in GHG reduction benefits. The geographically focused approach provides efficiencies in biomass and wood products utilization through synchronization of treatments.
19-FP-AEU-1130	El Dorado County Fire Safe Council	Gold Hill Estates 2	El Dorado	\$49,850	The Gold Hill Fire Safe Council has with the assistance of the El Dorado Fire Safe Council designated a fuel break around our community to protect it from a wildfire. This current project will provide wildfire protection to the community from wildfire coming from the west, and a location to deploy fire suppression resources safely. Shaded Fuel Break: GEH 2 is a fuel break which will be constructed as linear features of varying width,200-1000 feet wide with an

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					average width of 400 feet for a total of 45 acres of treatment.
19-FP-AEU-1134	Lake Tahoe Community College	Lake Tahoe Community College Forest Education & Job Placement Program	El Dorado*	\$675,000	The Forest Education & Jobs Placement Program will increase skilled workforce urgently needed to accelerate the pace of forest treatments and number of structures protected from wildfire. The program places students in jobs reducing fuels on SRA/FRA lands located on publically-managed urban lots in the WUI. It offers training for positions of higher responsibility, such as fuels project planning, providing advancement and promotional opportunities. It develops standardized curriculum, certificates and a degree by coordinating with several CA community colleges and aligns programs to accreditation standards required of Registered Professional Foresters. Model can be duplicated in other areas.

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
19-FP-AEU-1159	The Great Basin Institute (GBI)	LTBMU Fire Prevention Education	El Dorado*	\$170,596	As an education grant, the direct reduction of GHG emissions is not be applicable to the proposed scope of work, with the exception of the Generation Green Program which will conduct fuels reduction work led by the LTBMU Vegetation Management Department on approved projects per NEPA standards and within the proposed 2020-2022 timeline. Fuels reduction will be performed as demonstration projects and will contribute to reductions to a modest extent.
19-FP-BDU-2036	Wheeler Crest Fire Protection District	Swall Meadows Fuel Reduction	Mono	\$135,550	This proposal seeks to reduce fuel loads on built and unbuilt parcels. The proposal also seeks to expand and retreat existing firebreaks, reducing the potential for GSG emissions in the event of a wildfire. Both projects were given a high priority rating in our recently completed CWPP. Several years of unchecked regrowth following the devastating Round Fire has added unacceptable levels of flammable fuels. Chipping will be the primary tools for reduction of woody material for disposal. This will significantly reduce potential GHGs by ignition and reducing emission due to transport for disposal.

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
19-FP-BDU-2059	The City of Chino Hills	Chino Hills Citywide Fire Mitigation Project	San Bernardino	\$561,950	The City's citywide fire mitigation project will enlarge defensible spaces between the City's 25,834 habitable structures and its open hillsides that are susceptible to wildfires. Protecting the City's valuable resources and structures from fire will also prevent wildfire threats to surrounding communities and adjacent forests such as the 14,000+ acre Chino Hills State Park. The proposed hazardous fuel reduction strategies will utilize environmentally safe techniques that are cost-effective and will result in long-term greenhouse gas reductions by reducing the potential for wildfire spread and therefore greatly reduce wildfire emissions.

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
19-FP-BDU-2079	Big Bear Fire Authority	Snip & Chip Chipping Program	San Bernardino*	\$96,000	The Snip and Chip chipping program provides property owners a way to remove hazardous fuels from around their property, by thinning and pruning hazard therefore creating defensible space. Such hazards can be removing small trees, cutting branches from surrounding trees, and/or removing or pruning highly flammable plants/shrubs. The property owner will clean up any hazardous fuels themselves and place it curbside. After requesting a chipper from our online request form, our chipping vendors pick it up and haul it away. In the event of a wildfire in the area, having proper defensible space from neighbor to neighbor gives firefighters a safe environment to defend against an oncoming wildfire.

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
19-FP-BDU-2107	Mountain Rim Fire Safe Council	Abatement Assistance 2020	San Bernardino*	\$399,865	This project is for fuel abatement services of properties on non-federal lands within San Bernardino mountain communities of Crestline/Old Waterman Canyon on the west to Big Bear/Erwin Lake on the east. There are environmental benefits of this project in the reduction of greenhouse emissions from potential wildfires as a result of the reduction of fuel to burn; in addition to the reduction of emissions from a fire, defensible space leads to a healthier urban forest environment; and in protecting trees and improving forest health, there is an increase in uptake of CO2 from the forest. Also note that wildfire emissions from structures, infrastructure, etc. increases not only greenhouse gases.

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
19-FP-BEU-1004	University of California	Developing a PBA on the Central Coast to Increase Fire Safety	San Benito*	\$379,785	This project will reduce greenhouse gas emissions through the promotion of prescribed fire for use as a tool by landowners. Increased prescribed fire use on private lands will reduce risk of wildfire on those lands. Wildfires are uncontrolled phenomenon that release more CO2 and other emissions per acre than an equivalent prescribed burn1, with an average of 18 to 25% more emissions released from wildfires vs. prescribed burns. Planned prescribed burn management can help reduce GHG emissions, especially particulate matter, while achieving management goals of landowners.

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
19-FP-BEU-1006	Resource Conservation District of Monterey County	Carmel Valley Fuelbreak Project	Monterey	\$2,412,980	The main goal of this project is to provide a safer environment for Carmel Valley residents regarding wildfire. To achieve this goal, we have the following objectives: 1) reduce the risk of wildfire ignition, 2) reduce the rate of spread of a potential wildfire in the project area, 3) increase defensible space zones around houses, roads and structures, 4) create safer egress and ingress conditions and 5) reach Carmel Valley residents through education and outreach of defensible space and home hardening. CVFB will reduce greenhouse gas emissions through treatments that will reduce wildfire ignition risk and spread, thereby reducing one of the main sources of GHG in the western United States.

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
19-FP-BEU-2002	Resource Conservation District of Monterey County	Los Padres Strategic Community Fuelbreak Collaborative Project	Monterey*	\$4,824,850	The goals of this project are to reduce fuel hazards around homes and structures, expand and maintain existing strategic fuelbreaks, increase forest and vegetation community resiliency and control and manage invasive plant species. The Los Padres Strategic Community Fuelbreak Collaborative project will reach these goals through implementation of a variety of treatments on the landscape, including: brush and ladder fuel removal, pruning and limbing of trees, mastication, invasive plants treatments and the application of prescribed fire. The SCFC will reduce greenhouse gas (GHG) emissions through the reduction of wildfire hazards, as wildfires are major emissions sources for greenhouse gases.
19-FP-BEU-2019	Community Foundation for San Benito County (fiscal sponsor for Sa	San Juan Canyon and Cienega Canyon Fuel Reduction Project	San Benito*	\$593,136	The proposed project will reduce fuels through shaded fuelbreaks, dead tree removal, residential chipping and roadside mowing in two of the highest wildfire risk areas of San Benito County. It will reduce risk of catastrophic fire which would emit far more GHG than the project. This project promotes the storage of greenhouse gasses by leaving trees greater than 6" diameter in the shaded fuelbreak.

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

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
19-FP-BTU-0028	Regents of the University of California	Post-fire population displacements and carbon impacts	Butte*	\$298,755	Project will assess post-fire population displacements, focusing on transportation networks and calculating resulting carbon emissions. Project will also include public outreach and education to help communities in the WUI understand and plan for the broad impacts of fire. As CA rebuilds after past fires and plans for future ones, this knowledge will help minimize wildfire-induced transportation carbon emissions as well as reducing the exposure of people and structures to future wildfire events.
19-FP-BTU-1054	Butte County Resource Conservation District	Building Community Prescribed Burn Capacity	Butte*	\$384,226	Prescribed fire is often the most cost- effective means of preventing catastrophic wildfire and its intense GHG emissions. Prescribed fires emit less GHGs than wildfires because they can be set to consume less fuel, under better atmospheric conditions, and in milder fire weather. Being in control of fire has profound ecological and psychological benefits for communities. CA can't reach the levels of prescribed fire it needs unless private landowners develop the capacity to put "good fire" on the ground. Landowners are motivated to do strategic burns around their communities and homes, but they cite lack of education as their biggest barrier.

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

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
19-FP-BTU-1078	Butte County Fire Safe Council	Feather Falls Fuels Reduction Project	Butte	\$509,762	The project will reduce the total amount of wildfire emissions by implementing forest thinning, mastication, chipping and grazing. The benefit to greenhouse gas (GHG) reduction is the decrease in GHGs emitted during wildfire events; the fuels reduction proposed will decrease overall fuel load, thereby increasing the survivability of mature trees during wildfire events, thus increasing carbon sequestration and storage of forestland over time, while also protecting communities, homes, infrastructure and other assets at risk. Fuels reduction projects that were completed in Butte County prior to the Camp Fire and are evidence that trees and structures can survive wildfire with fuels reduction.

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

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
19-FP-BTU-1080	Butte County Fire Safe Council	WUI Firewise Fuels Reduction Project	Butte	\$419,808	The project will reduce the total amount of wildfire emissions by implementing forest thinning, mastication, chipping and grazing. The benefit to greenhouse gas (GHG) reduction is the decrease in GHGs emitted during wildfire events; the fuels reduction proposed will decrease overall fuel load, thereby increasing the survivability of mature trees during wildfire events, thus increasing carbon sequestration and storage of forestland over time, while also protecting communities, homes, infrastructure and other assets at risk. Fuels reduction projects that were completed in Butte County prior to the Camp Fire and are evidence that trees and structures can survive wildfire with fuels reduction.

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
19-FP-BTU-1105	Terra Fuego Resource Foundation	Big Chico Creek Prescribed Fire Program	Butte*	\$267,431	Terra Fuego, in cooperation with the Big Chico Creek Ecological Reserve (BCCER), request \$264,791 to support fuels reduction on 190 acres of the Big Chico Creek watershed. Building upon current success with the program, this project will complete two entries of fuel reduction in to complete the final units of the BCCER Vegetation Management Plan. Treatments will increase carbon sequestration through reduced competition of small stems, promotion of more carbon-storing native grasses, and reduced potential for a full release of carbon in stand replacing wildfire. The project location creates a defensible fuel profile from highway 32 ridge-line down to Big Chico Creek, roughly 1 mile wide.
19-FP-BTU-1163	Yankee Hill Fire Safe Council	Concow/ Yankee Hill Dead Tree Removal and Slash Solutions	Butte*	\$985,880	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.

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
19-FP-CNR-1014	Sacramento State University	FireFighter1	El Dorado	\$653,684	An effective GHG Mitigation strategy involves many people participating, and are proven to be effective if implemented properly, then monitored for constant improvement. Every home saved by having access to pool water with a FireFighter1 will result in a net greenhouse gas reduction and many acres of land with infrastructure protected. The benefit can be measured each year with actual homes saved and comparative analysis of the reduction of fires in communities with FireFighter1 systems implemented. Each unit installed on a standard 2 HP pool pump, has the capability to drench 1/2 Acres within 3 minutes and stretch to 1 full acre in less than 8 minutes, 125' diameter of protection per unit.

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
19-FP-CNR-1100	Sacramento Metro Public Safety Foundation	Rancho Murieta Fire Prevention Ready	Sacramento	\$146,371	The Rancho Murieta Fire 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.

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
19-FP-CNR-1103	Sacramento River Watershed Program	Sacramento River Watershed Forest Health and Fire Planning Project	Shasta*	\$2,008,726	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. 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.
19-FP-CSR-2013	Yosemite/ Sequoia Resource Conser-vation & Develop- ment Council	Southern Sierra Regional Firewise Coordination	Madera*	\$338,716	The project will 1) Identify and establish new Firewise communities; 2) Support existing Firewise communities through training and implementation resources; and 3) Provide training and education to increase regional capacity. While this project is not expected to provide direct Greenhouse Gas emission reductions, we expect the following reduction cobenefits to occur as communities reduce their fire risk: a. Public health benefits due to avoided wildfire impacts, b. increased awareness of fire risks and personal responsibility, and c. community collective action.

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
19-FP-CSR-2025	Tree People, Inc.	Community- based Fuel Reduction in the Santa Monica Mountains	Los Angeles*	\$1,099,245	Through education and fire reduction workshops, the actions of this project support a natural fire regime through the reduction of flashy fuels that are easily combustible and alter the fire return interval. By creating a more stable and less-ignitable fuel in the Santa Monica Mountains, this project is ultimately preventing the unnaturally frequent release of GHGs that results from human-driven wildfires. Treepeople will educate the community by way of community education events and non-fire mechanical weed abatement sessions. This will in turn lead to more educated home owners, students and community members who will aid in fuel reduction activities and teach others.

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

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
19-FP-CSR-2122	Pinyon Foundation	Statewide Bilingual Fire Prevention Education & Outreach	Sacramento *	\$4,686,629	Fire Prevention Education will educate the millions of Spanish speakers across the state of California to be fire safe, fire wise and to take actions to prevent fire losses in their communities, including structures and lives. Information via radio, television, social media and live events delivered bilingually through trusted voices will create more informed, prepared and safe neighborhoods in WUI and urban areas. Giving Spanish speakers information and resources will prepare them to create defensible space, plan for evacuation as families and communities, prepare emergency kits, and, in general, become a part of the solution to reduce GHG emitted by toxic structure fires.

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

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

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
19-FP-CZU-1158	California Fire Prevention Organization	FireSmart: Santa Cruz	Santa Cruz*	\$181,060	The project will educate high-risk populations in Santa Cruz County on wildfire prevention through fire safety, brush clearance, and home hardening steps for residents within the County's WUI. Through education, risks of wildfire will be reduced, thereby reducing wildfire emissions. Furthermore, the program will work to transition wildfire prevention education to the digital sphere, reducing the dependence on paper and shipping, while minimizing paper waste, which has additional GHG reduction benefits.
19-FP-FKU-2035	Oak to Timberline Fire Safe Council	Pinehurst Community Fuel Break	Fresno	\$661,005	Fuel loads will be reduced on 277 acres surrounding the Pinehurst community, reducing the amount of possible wildfire emissions 1) from the community's vegetation/homes/infrastructure/ state & federal work stations &, by providing a zone from which to fight fire, 2) from the contiguous upslope National Parks & Forests. Also, the harvested fuels will not be incinerated on site. Felled logs will be removed & locally re-purposed (furniture, paneling, firewood) or chipped for a local biomass facility. Brush & bucked slash will be masticated/chipped & used as mulch to improve the soil, its water retention & general forest health, enhancing tree growth & thus C sequestration.

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

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
19-FP-FKU-2086	City of Fresno PARCS	Camp Fresno Removal of Dead/Dying Trees	Fresno	\$278,375	Each season, Forest Service staff inspect trees within Camp Fresno and Camp Fresno Junior to identify trees requiring removal for camp safety and to minimize fuel for wildfires. Due to excessive drought and bark beetle infestation, hundreds of trees within the Camp have died and continue to die. Most of these trees are over 50 feet tall. The camp is comprised primarily of small wooden cabins surrounded by wildlands and is situated fully within the designated very high hazard severity zone. Through removal of previously felled trees and managing dying trees, this project will reduce fire fuel and minimize the potential for wildfire thereby preemptively lower greenhouse gas emissions.

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

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
19-FP-HUU-1057	Mattole Restoration Council	Ettersburg Neighborhood Safety Project	Humboldt*	\$300,997	This project will reduce hazardous fuels along a network of rural residential roads and retreat the evacuation route for the community of Ettersburg. The project applicant became aware of this priority project after hearing of the new "Hells Canyon" along Mattole Canyon Creek Road where 75% of the roadside trees had died from Sudden Oak Death (SOD) disease creating a public and fire safety hazard. Project treatments include mastication of SOD trees and roadside treatments by crews within the larger neighborhood, also a zone of SOD. Project treatments will help prevent human-caused ignitions spreading into forested areas thereby reducing the risk of GHG emissions from wildfire.

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
19-FP-HUU-1089	Mid Klamath Watershed Council	Western Klamath Community Engagement and Wildfire Risk Reduction	Humboldt	\$141,188	The Western Klamath Mts hold some of California's highest levels of existing above-ground carbon storage potential, but recent wildfires show extreme potential for carbon loss. This project addresses the needs of local communities to become fire-adapted in order to reduce the impact of these wildfires on communities. Fuel reduction around homes and water systems, Firewise education and capacity building, and a CWPP update will all lead to the continued implementation of strategic risk reduction projects, increased community engagement and ability to take responsibility for firesafety. Project outcomes will decrease the risk of wildfire ignited in the WUI spreading into adjacent USFS lands.

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
19-FP-HUU-1106	Cultural Fire Management Council	Cultural Fire Climate Project Hwy 169	Humboldt*	\$961,126	The project will reduce greenhouse gas emissions by reducing the likelihood of wildfire starts along highway 169, an area rated as high and very high fire hazard severity zone. Treating the area upslope and adjacent to Hwy 169 and educating the public about fire safety and the rules and regulations governing the use of fire will reduce wildfire starts thus avoiding wildfire emissions. The project will protect habitable structures, critical infrastructure and the Yurok Tribe's carbon sequestration projects by providing 20 miles of shaded fuel break along prominent roadways. We will provide 100' of defensible space around homes and infrastructure and treat 300 acres with prescribed fire.

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
19-FP-HUU-1117	California Department of Transportation	Lifeline Route Fuels Treatment	Humboldt*	\$2,233,275	Removing ladder fuels and creating shaded fuelbreaks along priority highway corridors in high severity regions can reduce the likelihood of roadside ignitions. The reduced ladder fuels and creation of fuel breaks with mature, healthy trees can also help reduce the rate of spread of fires and keep fires out of the canopy and on the ground, which can give emergency personnel an opportunity to fight the fires. By reducing potential ignitions, slowing the rate of spread and making fires more manageable, fires can be put out faster, spread less or not start at all, significantly contributing to reducing overall GHG emissions from wildfire and increasing sequestration rates.

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
19-FP-HUU-1122	Tolowa Dee-ni' Nation	Smith River Collaborative Community Protection Project	Del Norte*	\$4,388,248	The proposed project creates and connect strategic fuelbreaks around communities to remove hazardous fuels, improve emergency egress, and create control features to allow effective firefighting by local resources. 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.

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
19-FP-HUU-1123	Mattole Restoration Council	East Cooskie - Green Fir Neighbor-hoods Fuel Break	Humboldt*	\$81,367	This project will reduce hazardous fuels on both sides of two rural residential access roads, clear fuels around homes in a dense neighborhood with a Very High Hazard rating, and create a ridgeline fire break for fire fighters' strategic defense of property. All treatments will reduce the risks of catastrophic loss from wildfire and therefore reduce the threat of GHG emissions. Treatments will ensure safer evacuations and form a three-sided fuel break, the fourth side being the river and creek. A large forested parcel in the middle will be more protected from the spread of wildfire ensuring carbon sequestration over time and decreasing the likelihood of wildfire-caused GHG emissions.
19-FP-HUU-1164	Resort Improvement District No. 1	Shelter Cove Wildfire Prevention Plan	Humboldt*	\$58,478	Developing and implementing the Shelter Cove Wildfire Prevention Plan will reduce the amount and intensity of a wildland fire allowing emergency response teams more control and time to suppress a wildland fire reducing wildland fire emissions. The Shelter Cove Wildfire Prevention Plan shall assess wildfire risk to residents and structures within the community and prioritize actions to reduce risk and increase resiliency.

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
19-FP-KRN-2008	Bear Valley Community Services District	Bear Valley Springs Fuels Reduction Project	Kern	\$1,190,644	The Bear Valley Springs Fuels Reduction Project will contract a professional logging company to fall, limb, buck and remove trees and treat slash over 300 acres within a project area of 400 acres in Bear Valley Springs, CA. This project protects the nation's second largest gated community (25,000 acres) of over 7,500 residents in 3,000 habitable structures valued at over \$782 million with another \$19 million of infrastructure. This project will remove dead trees, slash and other woody biomass which will reduce the amount of greenhouse gases released from the decomposition of the tree trunks and woody biomass. In addition, the project will clear the way to replant and restore the forest.

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
19-FP-KRN-2016	Kern County Fire Department	Kern Brush Cat	Kern*	\$190,000	This equipment would be used for fuel reduction projects throughout Kern County's wildland areas. Projects would include: -Creating and maintaining fuel breaks -Annual fire access road maintenance -Working in conjunction with our large masticator, primarily in tree mortality areas The goal of all of these projects is to reduce the total amount of wildfire around our communities, thereby protecting lives, homes, and infrastructure, and potentially preventing the release of tremendous amounts of GHG's in a large fire.
19-FP-KRN-2076	Kern River Valley Heritage Foundation	Fuel Hazard Reduction in the Kern River Valley	Kern*	\$15,749	By creating perimeter fuel breaks and keeping internal access roads clear we will reduce the intensity and spread of fire on different properties totaling 7650 acres, in the Kern River Valley. As responsible land stewards we will undertake these goals as our obligation to the valley. In doing so this could reduce carbon emissions created by fire by 38-72% and the spread of fire through the numerous small towns and communities of the Kern Valley and the surrounding forests. We will also chip any biomass created to reduce carbon emissions associated with our activities.

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
19-FP-KRN-2119	Kern River Conservancy	Kern River Valley Fire Safe Project	Kern	\$18,500	The proposed public education campaign will have positive impacts on the release of both greenhouse gasses and airborne particulate matter that routinely plagues Kern County communities which will have enormous positive effects on sensitive groups that live and recreate in the area and contribute to change. Specifically, by promoting safer practices and residential hazard reduction in an inclusive, positive messaging campaign that will reduce the opportunity for the impacts of the human component of the WUI from escaping into the wild lands and becoming a greater impact in two specific ways. The first is by educating Californians on best practices for reducing fire hazards around their homes
19-FP-LAC-2001	California Department of Transportation	Route 118 and Interstate 5 Roadside Fire Ignition Reduction Project	Los Angeles*	\$1,065,900	The proposed project will reduce or eliminate fire ignitions from roadway sources (cigarette butts, sparks, etc.) on the I-5 and SR-118. Vegetation along the roadway will also stay in place which will maintain carbon sequestration on Caltrans right-of-way.

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
19-FP-LAC-2010	City of Pomona	City of Pomona Hazardous Fuel Reduction	Los Angeles*	\$2,930,328	The project will reduce hazardous fuels in the communities in the City of Pomona known as Phillips Ranch and Ganesha Hills. The project will accomplish the reduction of 634 acres of hazardous fuels by cutting back and trimming grasses and weeds and light flashy ladder fuels as well as removing approximately 737 dead or dying trees. The biomass that is produced will be spread throughout the Treatment Influence Zone suppressing the regrowth of light, flashy ladder fuels that could enable potential future fires. The prevention of future fires will provide GHG benefits to Pomona, nearby Cities, and the nearby SRAs.

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

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
19-FP-LAC-2033	City of Malibu	Malibu Wildfire Prevention Education	Los Angeles	\$50,000	 Through public education at the annual Wildfire / Disaster Preparedness Expo residents will be encouraged and educated on the importance of and application of the principles of defensible space and ember hardening of their homes. Through providing training in Assessing Structure Ignition Potential from Wildfire to select residents who can then go out in the community and conduct home assessments for ember hardening and provide recommendations for improvements. Studies show that 50% or greater of structure loss during a wildfire event are caused by resulting embers and not the actual fire front thus the fewer homes burned in a wildfire event results in less Green House Gasses emitted.

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
19-FP-LAC-2039	EcoMalibu	Topanga Canyon Hazardous Fuel Reduction	Los Angeles	\$954,707	This project reduces the risk of wildfire and GHG for communities in the Santa Monica Mountains by removing 6 acres of Arundo donax from 3.5 miles of Topanga Creek along State Route 27. Arundo, a fast-growing nonnative invasive species, reduces the buffering capacity of riparian areas to limit fire spread by generating unnaturally large fuel loads that are easily ignitable and act as ladder fuels to carry fire into the crowns of riparian trees. The presence of these fuels increases wildfire risk and alters fire regimes in riparian systems, by increasing tree mortality and the amount of time to recover native tree canopy cover.
19-FP-LAC-2053	Santa Catalina Island Conservancy	Catalina Hazardous Fuel Reduction Project	Los Angeles	\$72,860	This project will focus on modification of vegetation adjacent to Catalina's primary/secondary/tertiary roads to provide for safer ingress/egress of evacuating residents/responding emergency personnel in the event of a wildfire, and purchase of a rotary brush mower attachment for our Caterpillar excavator. Brush clearance efforts will reduce the likelihood of wildfire, and thus, wildfire emissions, facilitating firefighting efforts and safety. GHG emissions will be reduced through use of

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					the attachment and fuel treatment activities.
19-FP-LAC-2096	Los Angeles County Fire Department	LAC Hazardous Fuel Reduction BN5 and Recovery Within WO	Los Angeles	\$8,144,212	Reducing fuel load in strategic areas will improve ingress and egress along roads to facilitate evacuations and allow for increased access for fire equipment. The reduction of fuel loads through removal of various dead or dying trees around communities, infrastructure and staging areas will assist with protection of property and critical infrastructure. Community chipper and green waste days will aid in hazard fuel reduction around homes in the urban forest to support wildfire control. These grant funds provide financial support to the Los Angeles County Fire Department and communities that have diverse economic dynamics and hardships.

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
19-FP-LAC-2097	Los Angeles County Fire Department	Bradbury- Duarte Hazardous Fuels Reduction Project	Los Angeles*	\$1,423,000	This project creates an integrated vegetation management program reducing fuels while protecting the environment. Treatments are designed to maintain a light fuel load, alter fire behavior and provide firefighting personnel strategic and tactical advantage enhancing effectiveness of ground-based and aerial firefighting during a wildfire. The project creates a defensible space buffer through hand-clearing, mechanical treatment using tracked equipment (masticators, brush-crushing equipment, and chippers), and selective use of goats. This project protects over 8,000 homes, two immediate communities with schools and parks, mud and debris flow basins and high voltage transmission lines.

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
19-FP-LAC-2098	County of Los Angeles Fire Department	Public Ed. Malibu Unit Hardened Structure Interpretive Landscape Installation	Los Angeles	\$277,500	The proposed project would have far reaching effects in preventing increasing annual emissions of greenhouse gases by promoting proven methods of creating defensible space with fuel load reduction and increasing live fuel moisture along with home hardening measures to prevent ember intrusion through the construction of a hands-on demonstration site. The completed project will aid local, state, and federal agencies in protecting Communities at Risk throughout Los Angeles and Ventura Counties by establishing fuel modification buffers and hardened communities, preventing future devastating wildfire structural conflagration.

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

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
19-FP-LAC-2103	U.S. Green Building Council – Los Angeles Chapter	USGBC - LA FireWise Tours & Education	Los Angeles*	\$449,354	The same landscaping strategies that m itigate fire danger also reduce greenhou se gas emissions and increase resilienc e to climate change. For example, planting native alone eliminates the needfor chemical fertilizers; reduces maintenance related emissions: landscaping equipment emissions are largely unregulated and highly impactful; reduces heat island effect: in camparison with otherdrought-inspired landscaping strategies, colling the air and reducing instructure energy consumption associate with climate control by as much as 50%. Firewise building and lanscaping practices also introduce carbon eating tree canopy, seal building envelopes, which also reduces energy use.
19-FP-LAC-2108	Corral Canyon Fire Safety Alliance	Corral Strong	Los Angeles	\$122,990	Our proposal is to carry out brush clearance activities, fuel reduction and modification activities, and education activities, including an evacuation drill, a video production, an educational seminar on hardening one's home, regular and periodic educational activities on fire prevention in the Corral Canyon area of Malibu, an area that lost about 53 homes in the 2007 Corral Fire and 23 homes in the 2018 Woolsey Fire.

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					Corral Canyon has about 200 homes and a population of about 600 residents.
19-FP-LAC-2124	The Safe Communities Project	FireSmart: LA	Los Angeles*	\$198,027	The project will educate high-risk populations in 14 of the most vulnerable communities in Los Angeles County on wildfire prevention through fire safety, brush clearance, and home hardening steps for residents within the County's WUI. Through education, risks of wildfire will be reduced, thereby reducing wildfire emissions. This is especially important to reduce the particulate matter and carbon emissions related to wildfire in LA County because of the extreme air quality burden in LA. The program will work to transition wildfire prevention education to the digital sphere, reducing the dependence on paper and shipping, while minimizing paper waste, which has additional GHG reduction benefits.

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
19-FP-LAC-2125	West Los Angeles County Council, Inc.	Camp Josepho Fuel Reduction Project	Los Angeles*	\$243,750	The Camp Josepho Fuel Reduction (CJFR) project proposed by the Western Los Angeles County Council utilizes vegetation clearance to reduce wildfire intensity and rate of spread in and around the wild-land-urban interface (WUI) of Camp Josepho in the Pacific Palisades region of the Santa Monica Mountains. The CJFR project objectives are to remove ladder fuels to reduce crown fires, review and maintain consistent year-round assessment of hazardous fuels and vegetation regrowth. In partnership with West Coast Arborists, Inc. (WCA) the CJFR will conduct wildfire hazard identification and evaluation in recognition of the life, property, and natural resource assets to and around Camp Josepho.

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

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

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
19-FP-LMU-1097	Gold Mountain Community Service District	Gold Mountain and Portola Community Fuel Reduction Project	Plumas*	\$385,700	The proposed Gold Mountain and Portola Fuel Reduction Project is located in Plumas County within the boundaries of the Gold Mountain Community Service District (CSD) and the City of Portola. The acres proposed for treatment will buffer the City of Portola, Gold Mountain, Iron Horse and Clio communities. These communities are in an extreme severity hazard zone. The planned treatments will reduce the acres burned, structures damaged and greenhouse gas from a wildland fire, inturn will significantly minimizing the GHG impacts. The focus of this project is to plan a fuel hazard reduction project that will create fuel breaks, reduce fire intensity and educate the community on fire prevention.

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
19-FP-LMU-1112	Plumas Audubon Society	South Park Project	Plumas*	\$1,377,587	The South Park Planning Project is a proposes treatment of 2,636 acres on Plumas National Forest and Soper-Wheeler Company property. The project will protect the most populated town in Plumas County, Quincy. Treatment Influence Zone encompasses the South Park Trail System, Mount Hough Ranger District, Oakland Camp, the Stiver Maidu Cemetery, the communities of Keddie and Blackhawk, and 1.4 miles along the Highway 70 corridor. Funding from the Cal FIRE CCI Fire Prevention Fund will be used to complete necessary resource surveys for CEQA/NEPA compliance and various treatments including hand thinning, mechanical thinning, pile burning, and prescribed burning.

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
19-FP-LMU-1136	County of Plumas	Plumas County General Plan Public Health and Safety Element Update	Plumas*	\$67,200	The purpose of the County's Public Health and Safety Element is to establish policies to protect life and property from the unreasonable risks associated with hazards such as wildfires, thereby reducing the risk of death, injury, damage, and dislocation that is often times related to wildfire hazards. This grant proposal would reduce the potential of wildfire in the unincorporated areas of the County through addressing state law requirements that look at the risk of fire for land classified as SRAs and within VHFHSZs. Additionally, General Plan policies support the reduction of GHG emissions and the County's extensive forests play a role in combating climate change by sequestering carbon.

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
19-FP-LMU-1139	Modoc County Road Department	Modoc County Roadside and Community Fuels Reduction Project	Modoc*	\$1,117,169	The Modoc County Roadside and Community Fuels Reduction Project will reduce the total amount of wildfires, thereby reduce 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 for 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 an on-site chipper or mastication will reduce GHG emissions by creating composting biomass material to reduce the use of fossil fuels for transport of materials off site.
19-FP-LMU-1148	Modoc Fire Safe Council	Modoc Fire Safe Council Wildfire Mitigation and Prevention Education	Modoc*	\$562,523	The majority of GHG benefits from the projects will result from avoidance of carbon by slowing the rapid spread rate of a potential wildfire in the project area. This project is in a larger focus area where planning and project development are just getting underway. Maintenance for this project will be included in implementation of projects designed through the larger effort. GHG benefits will occur as stands are protected and continue to take up carbon over times.

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
19-FP-LNU-0014	Pacific Union College	Howell Mountain Road Wildfire Fuels Reduction	Napa	\$499,215	Pacific Union College owns 149 acres of forested land in Angwin immediately next to a key ingress/egress route for Angwin and Deer Park (Howell Mountain Road), numerous homes, and the campus of PUC. Most of this land has not been treated for wildfire fuel reduction in decades, and is overgrown with brush and smaller trees. A wildfire burning in this area could easily climb ladder fuels and enter the canopy to form a stand-replacing crown fire. Treating these areas will decrease the possibility of such a fire, helping to save the large diameter trees (Douglas Fir and Ponderosa Pine) and their future GHG capture, also preventing considerable GHG emissions in the event of a fire in this area.
19-FP-LNU-0020	Muniz Ranches Property Owners Association	Muniz Ranches Property Owners Association Fire Prevention Project - Phase 4	Sonoma	\$75,500	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, improving chances of safe evacuation and offering less resistance to first responders. A lower intensity fire will reduce the carbon and greenhouse gas emissions. By thinning unhealthy trees we will be providing more resources for the healthy trees to prosper.

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
19-FP-LNU-0030	Sea Ranch Fire Safe Council	Sheep Grazing	Sonoma	\$83,120	This is a Fuel Reduction Project. The Sea Ranch Fuels Management Program (FMP), Specific Goal 6, emphasizes natural containment of fire size, especially with limited local firefighting personnel and equipment. It calls for livestock grazing to reduce fuels and the chance of fire ignition and spread to homes and infrastructure. Sheep grazing has been indigenous to The Sea Ranch for more than a century. The Project allows for similar grazing to continue as a natural fire prevention activity without using mechanized hand tools and motorized equipment, thereby eliminating emissions from such machinery. Such grazing is cost-effective fire prevention in a critical and challenging environment.

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
19-FP-LNU-0031	Sea Ranch Fire Safe Council	Downslope Calming Zones	Sonoma	\$37,467	This is a Fuel Reduction Project to prevent fires spreading uphill from State Route 1 to residences, other structures, and coastal forests, and to compartmentalize fires and limit spread of any fire within The Sea Ranch. The slopes east of State Route 1 face west, and the prevailing west wind causes fire to spread quickly from adjacent grassy meadows uphill toward habitable structures. Because of limited local firefighting personnel and equipment, fuels management for rapid containment of fire size is critical. By constructing downslope calming and fuel reduction zones to the east of State Route 1, fire intensity and spread will be reduced below homes most at risk.
19-FP-LNU-0033	Sea Ranch Fire Safe Council	Community Curbside Chipping	Sonoma	\$40,516	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, thereby reducing related carbon emissions.

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
19-FP-LNU-0034	Sea Ranch Fire Safe Council	Safe Passage Roadside Fuel Breaks	Sonoma	\$43,484	This is a Fuel Reduction Project. The highest priority of The Sea Ranch Fuels Management Program is to provide safe evacuation routes for homeowners and visitors in the event of wildfire, as well as safe routes for emergency vehicles (including firefighting equipment) to access the scene of the fire. The Project also serves to prevent roadside fire starts, to establish fire lines, and to slow fires spreading uphill to residences. Constructing roadside fuel breaks will reduce fire intensity and spread near homes most at risk, while enhancing suppression access and occupant evacuation. Such reduction of fire risk serves also to reduce prospects of carbon emissions from such fires.

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
19-FP-LNU-0038	Clear Lake Environmental Research Center	Lake County Hazardous Fuels Mapping, Prioritization, and Tracking Project	Lake*	\$723,188	By providing a high resolution wildfire risk map for Lake County, GHG emission reduction will be maximized because priority can then be given to the land areas that are most at risk from wildfire starts and catastrophic spread. Because of the landscape scale of the fire risk in the county a better use of limited resources can be made with the proposed decision/support tool. The tool will be used to prioritize fuel management decisions for landowners, communities, agencies and governments to spend funds protecting those communities, homes, infrastructure, and other highly valued resources that are most at risk from wildfire and its associated GHG emissions.

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
19-FP-LNU-1000	The Wildlands Conservancy	Jenner Headlands Shaded Fuel Break	Sonoma*	\$106,785	The forests on the Jenner Headlands Preserve 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 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 and particulate matter into the atmosphere.

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
19-FP-LNU-1001	Clear Lake Environmental Research Center	Lake County Hazardous Fuel Reduction Project Phase 1	Lake*	\$3,019,106	The Proposal will reduce the total amount of wildfire around communities, homes, infrastructure, and other highly valued resources in Lake County thus lowering the forecast wildfire GHG emissions occurring without the Project. This will be achieved by creating and maintaining fuel breaks, ingress/egress vegetation management, and defensible space around high value assets, all high priority activities to prevent, stop or slow the spread of GHG emitting wildfire. Project will be phased so that other high priority treatments can be accomplished in subsequent phases, and current work can be maintained, to ensure the scale of GHG emission reduction can be sustained and increased in the future.
19-FP-LNU-1002	Napa County Fire Department	Fuels Reduction/ Pre- attack plans	Napa*	\$200,000	The chipping program is a way for home owners to utilize this free program to reduce the amount of hazardous vegetation around their houses. The program was established to assist with the vegetation clean up when home owners are working on creating the defensible space that is required per PRC 4291 and the Napa County defensible space ordinance.

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
19-FP-LNU-1008	FIRE SAFE SONOMA	Fuels Treatment & Community Education for Two Critical Evacuation Routes	Sonoma	\$979,978	This project will modify vegetation along public roads in two State Responsibility Area communities that are classified as High or Very High Fire Hazard Severity Zone to provide better emergency responder ingress, safe community evacuation routes, locations along the roads for staging equipment, and potential fire lines to reduce wildfire intensity and rate of spread. Project areas are Saint Helena Road in the upper Mark West Creek watershed near Larkfield in Santa Rosa, CA, and Fitch Mountain Road, near Healdsburg, CA. Both of these roads serve as sole egress/ingress for their respective communities. Both communities were evacuated during the 2019 Kincade Fire.

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
19-FP-LNU-1012	Bennett Ridge Fire Safety Organization	Bennett Ridge Community Hazardous Fuels Reduction	Sonoma	\$365,326	Reducing hazardous fuels in the Bennett Ridge community and surrounding area will reduce wildland fire ignitions, and reduce fire intensity and spread in the event of a wildland fire, thereby preventing the release of substantial GHG and reducing emissions over time. By reducing ember cast and eventual fire size, there is a reduced chance and number of ignitions of residences, which produce large volumes of toxic and GHG. During fuel reduction activities, GHG emissions will be minimized by using appropriate disposal methods, including chipping, firewood for home heating, and possible biochar production. Forest restoration will expand the canopy cover, sequestering more carbon long-term.

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
19-FP-LNU-1015	Fire Safe Sonoma (Fiscal Sponsor)	Oakmont Fire Safety and Firewise Plan	Sonoma	\$986,942	The proposed project will minimize GHG emission by reducing the risk of .6 million metric tons of carbon dioxide emissions as a result of wildfire in Oakmont. Hazardous fuel treatment will reduce GHG emissions by established methodologies with a lesser carbon impact such as grazing, manual vegetation clearing and chipping. Vegetation Mgt. efforts, such as reduction of ladder fuels and dead trees will increase the likelihood that wildfires are caught before they propel into nearby wildland areas in Trione-Annadel State Park, Hood Mountain Regional Park and Sugarloaf Ridge Regional Park. The proposed activities will result in immediate and long-term reduction in GHG emissions.

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
19-FP-LNU-1025	Napa Communities Firewise Foundation	North Central Napa Regional Fire Shed Fuel Reduction	Napa	\$556,169	The Project is an integrated regional fuel reduction effort in the East Central region of St Helena, Bell Canyon, Deer Park and Angwin. After the Oct 17 fires NCFF prioritized the North Central Napa Regional Fuel reduction project specifically because this area had not burned and is a high risk location with ample fuel loads and critical infrastructure that needs to be protected. Substantial fuel reduction in this area will improve access and egress and will assist in preventing and containing a large wild-land fire event in this area.
19-FP-LNU-1026	Napa Communities Firewise Foundation	Atlas Fire Complex Regional Planning and Fire Shed Fuel Reduction	Napa	\$77,210	This integrated approach is a key part of NCFF's adapting strategy to the available funding opportunities to complete our critical work. Put simply, NCFF is pursuing an strategic plan that includes regional fuel reduction as well as planning, and educational outreach: Planning projects for the SE (Atlas Fire Complex) will develop a detailed specification for work that can be pursued and completed in a regional area. Priorities from local CWPP's will be augmented with additional priorities such as access roads to area reservoirs and ridge tops. This project will mitigate the risk of a large scale wild land fire that

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					will destroy homes and cause a substantial release of GHG.
19-FP-LNU-1027	Napa Communities Firewise Foundation	County-wide Shaded Fuel Maintenance	Napa*	\$481,749	The purpose of the Project Maintenance fund is so that NCFF can support the fuel reduction maintenance needs of the Napa Fire Safe Councils while continuing to develop their grant writing and project management capacity. Maintenance has historically been a weak link in an overall fuel reduction and management strategy. In several of the FSC responsibility areas the organizations have made substantial progress establishing fuel breaks and they are now able to modify their strategies to focus on a lighter maintenance regimen.

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
19-FP-LNU-1028	Napa Communities Firewise Foundation	Nuns Fire Complex Regional Planning and Fire Shed Fuel Reduction	Napa	\$108,432	The Project will develop an integrated and regional fuel reduction plan for the Southwest area of Napa County along either side of Mt Veeder Peak ridge in the Lower Mayacamas range. Two existing FSCs including Mt Veeder Fire Safe Council and the Mayacamas FSC are in need of substantial fuel reduction work which will require detailed planning, site assessment and bidding. To ensure grant monies are spent prudently, this project will prioritize projects within the FSCs and align them with other regional topographical priorities including ridgelines and locations.
19-FP-LNU-1035	N/A	N/A	N/A	N/A	N/A
19-FP-LNU-1058	California Land Stewardship Institute	Development of fire prevention strategies in Mendocino, Sonoma and Napa	Napa	\$196,161	We have identified planning areas around three low income communities that reflect the identified WUI in CWPPs and allows for landscape level fire hazard reduction. All three of these low income communities are directly surrounded by very high to high fire hazard severity lands. Planning and designing landscape level fire prevention projects will reduce the likelihood of uncontrolled wildfire, loss of homes and infrastructure. Reducing the

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					fire hazard will reduce GHG emissions from wildfires.
19-FP-LNU-1071	Napa County Land Trust dba The Land Trust of Napa County	Multi-Paddock Prescribed Grazing for Fuels Reduction in the Pope Valley, N	Napa*	\$314,411	The project uses prescribed livestock grazing/browsing to reduce a heavy accumulation of fine fuels and ladder fuels in oak woodlands on LTNC's 730-acre Wantrup Preserve in Napa County. The fuels reduction area, which will span two miles in length and over half a mile in width, could serve as a key location for stopping a fast-moving, offshore wind-driven wildfire from reaching populated areas of Howell Mountain, the Napa Range and Napa Valley, including the high-risk town of Angwin. The project will also quantify potential co-benefits of grazing for native habitat restoration, and will serve as a model for other grazing-based fuels reduction treatments on public and private lands.

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
19-FP-LNU-1091	Cloverdale Fire Protection District	Cloverdale Fire Protection District Fire Prevention Project	Sonoma*	\$584,744	The Cloverdale Fire Protection District is critical because it represents a line of defense between rural forested areas and population centers such as Cloverdale, Asti, Geyserville, Healdsburg, and Windsor. Fuel reduction will provide vegetation clearance to reduce wildfire ignition and reduce the intensity and rate of spread of wildfires. Because of the unique connection between local COPE and CERT organizations, CFPD is able to gain access to private areas with owner's permission primarily as a result of neighbor to neighbor relationships. This creates a capability to provide for Emergency Vehicle Access and to clear evacuation and fire break lines that might not otherwise be possible.

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
19-FP-LNU-1092	Cloverdale Fire Protection District	Support for Northern Sonoma County CERT	Sonoma	\$99,550	The Northern Sonoma County CERT program acts as a "force multiplier" for two fire protection districts that cover more than 375 acres with 12 full time firefighters. When significant wildfire incidents threaten these fire districts, trained CERT volunteers take on various duties, thus freeing firefighters to prioritize firefighting. CERT trained volunteers work under ICS at the direction of the two fire protection units or Unified Command. These duties include: providing information to residents, assistance at designated shelters, assistance with animal rescue, assistance with firefighter rehabilitation, local information source for firefighters, driving water tenders, etc.
19-FP-LNU-1111	Kelseyville Fire Protection District	Hazardous Fuel Reduction & Evacuation Routes - Lake Communities	Lake*	\$278,410	By eliminating large/tall easily burning trees from the intermixed WUI communities, the project will significantly reduce possible Greenhouse Gas emissions produced during a wildfire in this area. Public health and safety is directly benefited by reducing the number of hazardous trees and fuel load in the communities for the reasons documented in the Scope of Work.

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
19-FP-LNU-1124	County of Yolo, Office of Emergency Services	CWPP and Fire Safe Councils for Western Yolo County	Yolo*	\$314,054	Yolo County has no wildfire prevention plan so measures are limited & lack coordination with the adjacent State Responsibility Area to the west. We will complete a Community Wildfire Protection Plan to assess area wildfire regime, identify/prioritize actions, & raise public awareness to reduce wildfire frequency, severity & overall emissions. We will also develop Fire Safe Councils to implement priority actions. The project is the 1st step in reducing GHG emissions throughout the SRA. Goals: 1) create a framework to increase wildfire prevention measures. 2) reduce short/long-term fire frequency/severity, 3) ID projects that sequester carbon throughout the SRA into the future.

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
19-FP-LNU-1137	Fire Safe Sonoma	Western Sonoma Co. Fire Prevention Planning and Community Engagement	Sonoma*	\$326,776	The community coordination, education and planning work resultant from the grant will reduce the likelihood of wildfire in the project area, protecting 18,954 structures and 84,020 acres of wildland urban interface land from burning. Community education and planning work is an effective means of eliminating wildfire starts, catching wildfires before they propel into wildland areas, and facilitating firefighting efforts and safety, which all contribute to reduced wildfire emissions over time. The project aim is to create a fire-smart community, which will be more able to reduce fire risk and thereby avoid greenhouse gas emissions from occurring in the future.
19-FP-LNU-1142	FIRE SAE SONOMA	Sustainable Landscapes for Defensible Space: Ecosystem- Specific Education	Sonoma*	\$266,097	Fuel reduction treatments near homes and structures reduce fuel loading, thereby reducing the risk of large uncontrolled wildfires and associated GHG emissions while also improving the stability of forest carbon in remaining vegetation. Our educational programs will teach our audience, fire officials, landscape designers and home owners. These fire prevention education projects will provide higher levels of understanding and recognition about the risks associated with wildfires, thereby

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					reducing the number of ignitions of unwanted wildfires.
19-FP-LNU-1156	N/A	N/A	N/A	N/A	N/A
19-FP-MEU-0021	Brooktrails Township CSD	Brooktrails Fuels 2019	Mendocino*	\$304,416	This project would reduce the fuel loading around homes, infrastructure and water shed, also reducing GHG emissions if wildfire occurs.
19-FP-MEU-1056	Elk Community Services District	Elk Shaded Fuelbreak	Mendocino*	\$724,202	This project, by reducing the horizontal and vertical continuity of fuels located on a strategic fire ridge, will alter the behavior of wildland fire entering the fuel-altered zone, thereby reducing the risk of wildfire affecting habitable structures and infrastructure within the Elk CSD. Reducing fire hazard and facilitating firefighting efforts and safety will contribute to reduced wildfire emissions over time. Material generated from fuel reduction operations will be chipped, masticated, or lopped and spread (not burned).

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19-FP-MEU-1087	County of Mendocino	Mendocino County Community Fire Safety Initiatives	Mendocino*	\$1,197,022	The proposed project will focus on two primary activities: facilitating the clearance of defensible space around homes and the safe disposal of slash generated from these activities and clearing hazardous trees from a County park. Both activities will reduce fuel loads and improve fire suppression success, which will limit GHG emissions during wildfire events in any area receiving treatment under this project. The proposed chipping programs both remove biomass which would release GHGs during wildfire and improves the protection of homes, which release large amounts of GHGs and other harmful chemicals when destroyed during wildfire.

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
19-FP-MEU-1140	Renewable Energy Development Institute dba Sherwood Firewise	Sherwood Corridor Ingress and Egress Roadside Fuel Reduction	Mendocino*	\$447,024	To improve ingress and egress safety, reduce wildfire spread and aid in fire suppression activities, this project will reduce roadside fuels on both sides of major access routes in the Sherwood Corridor totaling 25.4 miles and 107.4 acres of treated roadside and residential vegetation and will reduce wildfire risk to approximately 2,000 habitable structures with approximately 5,000 residents. The fuels reduction and spreading chips onsite will reduce greenhouse gas emissions through Implementation of a line of defense against catastrophic wildfires, which contribute to a massive amount of greenhouse gas emissions every year.

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

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

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
19-FP-MMU-2034	Mariposa County Fire Safe Council, Inc.	Focused Support for Strategic FireWise Community Project Implementation	Mariposa*	\$50,000	The project works with homeowners to reduce wildfire risk to their residential and other structures on their parcels. This will reduce their vulnerability to catastrophic wildfire and serve to reduce risk that homes will serve as sources of wildfire ignition or transmission to adjacent parcels or communities. In addition, the planning effort around these communities will also set up the execution of critical hazardous fuel reduction projects designed to reduce wildfire risk in "Very High" fire hazard severity zones in the State Responsibility Area and reduce total wildfire risk to the entire community, outside the project areas. This will reduce wildfire emissions and GHG production.

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
19-FP-MMU-2037	Yosemite/ Sequoia Resource Conservation & Development Council	Cascadel Mountain Fuel Reduction Project	Madera	\$362,219	The Grant will focus on felling dead and dying trees and mastication of ladder fuels and downed material to reduce fuel loading. Most of these debris piles are located on private properties creating an extreme wildfire hazard for the entire community. The South and West side of Cascadel Woods is thick with over growth of brush and trees. All but 300 feet is privately owned and has not been cleared. Clearing this area would provide a much needed fuel break which would reduce the GHG should a wildfire make it to this area. The properties in Cascadel Heights would have standing dead and burnt trees from the 2017 Mission Fire which need to be removed.

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19-FP-MMU-2063	Coarsegold Resource Conservation District	Eastern Madera County Foothill Fire Prevention Assistance	Madera	\$521,076	This project will remove standing dead & fallen trees along with brushing & chipping for residents who otherwise would be unable to create a fire-safe space. We will hire local contractors, providing both fire prevention work & economic opportunities for our disadvantaged communities. We will create fire-safe properties for residents as well as ensuring evacuation routes on private roads and easements. Instead of creating home burn piles, which contribute greatly to GHG, these logs will be processed into usable wood products, chipped or incinerated using an efficient air curtain burner.

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
19-FP-MMU-2102	Timberview Area Firewise Improvement Council (TAFIC)	TAFIC Hazardous Fuels Reduction Project III	Madera	\$75,000	The TAFIC community is made up of 55 parcels including 45 homes spread over 280 acres identified as a Very High Fire Severity zone surrounded on three sides by USFS land. The proposed project would remove mortality dead fall and under brush over 30 acres adjacent to residences. Our firesafe practices of the past nine years through grants and in kind contributions have reduced the potential hazardous fuels that could affect our community and the surrounding forest in relation to wildfire. The GHG affects of burning homes and thousands of acres of adjacent public forests would be devastating and we as a recognized Firewise community are dedicated to do our part in preventing such events.

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

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
19-FP-MRN-1041	Tamalpais Community Services District (TCSD)	Tam Valley Evacuation Route Clearing	Marin*	\$384,023	This project's vegetation management and removal work will significantly improve evacuation route accessibility and usability on a roadway that is the main artery for a community of 7,500 residents and one of two main roadways between eastern and western Marin County, especially for firefighting and emergency vehicles. It will also improve defensible space for developed properties immediately adjacent to the roadway and significantly reduce wildfire risk to numerous utilities, including PG&E assets. The work area is in a High, or in most cases, a Very High Fire Hazard Severity Zone. The entire area is also classified by the CPUC as having either a High or Very High Fire Threat rating.

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
19-FP-MRN-1055	Marin County Fire Department	San Geronimo Valley Community Evacuation Routes	Marin*	\$534,316	The San Geronimo Valley Community Evacuation Routes Project, with an approximate treatment area of 65 acres along 12 miles of non-county maintained roads, is focused on improving evacuation route vegetation clearing for residents and provide improved emergency response vehicle ingress and access to wildland-urban interface homes in the San Geronimo Valley. The project will reduce the risk to the community by improving evacuation routes through the removal of overgrown fuel and tree hazards allowing for safe passage in the event of a wildfire. This project will improve also provide emergency responders access and reduce fire intensity from approaching wildfires.

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
19-FP-MRN-1147	San Rafael Fire Department	San Rafael Fire Prevention Planning	Marin	\$71,093	San Rafael plans to develop a parcellevel wildfire threat rating map based on aerial imagery, fire ecology, and building characteristics. This will help San Rafael establish a comprehensive fuel management strategy for its population of 60.000 and 6,000 WUI parcels. By helping direct future vegetation inspections, vegetation removal, chipper days, and outreach efforts, this project would reduce the risk of wildfire devastation in San Rafael. By some estimates, wildfires are responsible for as much as 10 percent of worldwide annual carbon dioxide emissions. Every time we can prevent ignition or slow the spread of a fire after it starts, greenhouse gas emissions will be reduced.

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
19-FP-MVU-0012	Orange County Council, Inc. Boy Scouts of America	Lost Valley	San Diego*	\$352,000	This proposed project will engage in fuel reduction. The fuel reduction will reduce the number of wildfires in the area. The lowered number of wildfires will reduce the amount of greenhouse gases entering the atmosphere. This proposed project will also reduce the amount of carbon dioxide, methane, and nitrous oxide emitted into the atmosphere by fires. Furthermore, the fuel reduction will limit the amount of existing infrastructure burned. This reduces the amount of greenhouse gas emissions directly entering the atmosphere. And this indirectly reduces the greenhouse gas emissions by avoiding rebuilding projects that have a potentially large carbon footprint.

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
19-FP-MVU-2004	Escondido Creek Conservancy	ESCONDIDO CREEK BIO- FUEL REDUCTION	San Diego	\$1,536,501	The removal of 33 acres of eucalyptus will remove about 1,000 tons of fuel available for a potential fire and decreasing the chances for an unintentional release of CO2 caused by a potential fire. The reduction of flammability risk and chances for ladder fuels, the project will benefit the community by providing wood for local projects thereby sequestering carbon through re-use. The project has as one of its main goal to achieve 100% biomass reutilization, meaning that all the biomass obtained from the removal of the eucalyptus trees will be repurposed for the following functions; patio furniture, arbors, wicking baskets and biochar.
19-FP-MVU-2029	Urban Corps of San Diego County	Reducing Hazardous Fuels at Eagle Peak Ranch	San Diego*	\$310,128	This project would reduce the total amount of wildfire (and thereby reduce wildfire emissions) by reducing the potential for high intensity fires to ignite or grow in size on Eagle Peak Ranch and spreading to neighboring lands and nearby communities. However, in addition to the community impacts from wildfire, we know that large wildfires can release metrics tons of carbon dioxide into the air. Climate change can increase the frequency and intensity of wildfires. Crown fires increase the risks to

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					habitable structures because of their intensity and propensity to spread faster and more unpredictably.
19-FP-MVU-2060	Lumbercycle	Reducing Hazardous Fuel While Improving Carbon Seq in Rancho Santa Fe	San Diego	\$1,086,231	This project will reduce wildfire and its emissions by removing dead and dying trees and brush that present an extremely high fire risk. Because this hazardous and dense high fuel load is intermixed among homes, other valuable physical infrastructure and resources, its removal will significantly reduce fire risk. An education program will be delivered to encourage the property owners maintain the fuel reductions. The plan will minimize GhG emissions from transportation and equipment. Almost all tree woody biomass will be repurposed, thus continuing to sequester most of its carbon. Many property owners will reforest with appropriate new trees, creating new sources of sequestered carbon.

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
19-FP-MVU-2075	SAN DIEGO COUNTY FIRE AUTHORITY	Removing Hazardous Trees in San Diego County Parks	San Diego	\$450,069	This project focuses on removing dead or dying Canary Island Palm Trees within Sweetwater Regional Park. This park is long, narrow, fuel-loaded, and adjacent to approximately 90 habitable structures. It also connects to a wildland area to the east. In addition, there are over 9,700 habitable structures within the Project Influence Zone. The dead and dying palm trees are extremely receptive to embers and are known to have extremely large ember casts. This project will reduce Greenhouse Gas emissions by reducing the chance of spot fires and wildfires within the SRA during days of prevailing winds. It will prevent homes from burning due to embers during Santa Ana wind events.
19-FP-MVU-2088	Palomar Mountain Fire Safe Council	2020 Palomar Mountain Fire Break & Evacuation Project	San Diego	\$169,520	A devastating wildfire on Palomar Mountain would produce a very large amount of greenhouse gas emissions affecting San Diego as well as neighboring Counties. In the event of wildfire or structural fire, this fuel reduction project will enable access to this area for fire vehicles and crews, protecting 187 habitable structures and critical community resources including water and power. The project complements the USFS fuel reduction in the adjacent Jeff Valley.

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
19-FP-MVU-2090	N/A	N/A	N/A	N/A	N/A
19-FP-MVU-2092	N/A	N/A	N/A	N/A	N/A
19-FP-MVU-2114	San Diego- Imperial Council, Boy Scouts of America	GSOB Infected Tree Removal	San Diego*	\$855,830	In 2018, wildfires in California alone produced over 45 million metric tons of carbon dioxide into the air. The majority of these wildfires occurred in the southwestern portion of the state. This project, being centrally located to multiple communities in the hot arid Anza Borrego Desert, will reduce the risk of wildfire for thousands of homes and structures in the communities of Julian, Ranchita, Santa Ysabel, Warner Springs and Wynola. The reduced risk of wildfire will improve the air quality for these residents and communities, and reduce greenhouse gas emissions.

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
19-FP-NEU-0001	Northstar Fire Department/ Northstar Community Services District	Northstar Community Evacuation Route Project	Placer*	\$710,000	The Northstar Community Evacuation Route grant proposal is focused on an entire community evacuation project that is based on forest fuels reduction. Fuels reduction work will involve 240-acres of forested lands along Northstar's designated evacuation routes, safety zones, and in proximity to structures and infrastructure. The grant has a prescription to thin and remove dead, dying, and diseased trees as well as ground and ladder fuel material that could impact an entire community based evacuation. Overall, the improvement in forest health will lead to greater carbon sequestration.
19-FP-NEU-0015	Northstar Fire Department /Northstar Community Services District	Northstar Hazardous Fuels Reduction Program	Placer	\$150,000	This grant proposal is for the acquisition of a Bandit Intimidator 18XP track chipper. This machine is a tool capable of reducing large amounts of forest fuels for the Northstar Fire Department (NFD) and Forest Fuels Reduction Program. Awarded funding for this machine would replace the existing NFD chipper that was purchased in 2007. Use of the chipper reduces the need for project pile burning and its use will enhance forest growth for more efficient carbon storage in the community forest.

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
19-FP-NEU-0016	Northstar Fire Department /Northstar Community Services District	Northstar Hazardous Fuels Reduction Program II	Placer*	\$150,000	This grant proposal is for the acquisition of a Morooka MST1000VD. This machine is a tool capable of carrying forest fuels for the Northstar Fire Department (NFD) and Forest Fuels Reduction Program. Awarded funding for this machine would provide a tool used to remove forest fuels from project areas which would complement the NFD Chipper and Green Waste Recycling Center, thus reducing the need for project pile burning. Overall, it will help enhance forest growth for more efficient carbon storage in the community forest.
19-FP-NEU-0017	North San Juan Fire Protection District	Cruzon Evacuation Fuel Reduction	Nevada*	\$968,832	Project will reduce fuels along a primary fire access and evacuation route for the San Juan Ridge Area, as identified in the Community Fire Protection Plan. The NEU Unit Plan identifies the area within the Columbia Hill Fuelbreak. Located on a major ridge it serves as a strategic location for wildfire suppression. Reduced fuels on 300 acres along 1 to 2 miles of the primary road, will reduce potential fire behavior and emissions. It could result in substantial reduction in potential emissions in the surrounding landscape by reducing potential wildfire size and fuel consumption through improved effectiveness of the Columbia Hill Fuelbreak.

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
19-FP-NEU-0036	Gold Country Fair Heritage Foundation	Gold Country Fairgrounds and Surrounding Influence Zone Strategic Fuels	Placer*	\$989,266	This project would reduce the total amount of wildfire, and thereby reduce wildfire emissions, by reducing fuels throughout the 30-acre Gold Country Fairgrounds, and on 175 acres of adjacent land along the American River canyon rim. The fire risk along the canyon rim. The fire risk along the canyon rim is extremely high because of steep slopes and dense vegetation. This project will reduce the fire threat to the local communities, homes, and infrastructure that are located directly adjacent to the canyon rim throughout the City of Auburn and the SRA. The project will also ensure the Fairgrounds is a fire safe asset for the community. Overall, the project will provide a GHG benefit through reduced wildfire emissions.

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
19-FP-NEU-1031	Truckee Fire Protection District	Truckee Fuel Reduction	Nevada*	\$2,374,848	The Truckee CWPP dictates working with multiple community subdivisions and organizations to diminish the vertical and horizontal continuity of fuels, thus diminishing fire behavior. This project will facilitate vegetation management on Town of Truckee right of ways and individual shaded fuel breaks that occur on approximately 8,000 acres of WUI with approximately 7,200 habitable structures in the Truckee Fire Protection District and the Town of Truckee. By decreasing fire intensity, the amount of green house gas emissions will decrease. Vegetation treatments create increased growth in the remaining vegetation increasing carbon sequestration. This will create a net carbon benefit over time.

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
19-FP-NEU-1037	Yuba Water Agency	Upper Yuba Fuelbreak Collaborative Project	Yuba*	\$2,082,276	Project includes expansive fuel reduction that will create a 2,252 acre fuelbreak in Upper Yuba County. The vegetation removal itself provides GHG benefits by reducing the risk of catastrophic wildfire and release of carbon. Co-benefits from the fuelbreak will allow for better access and management of fires that occur nearly anywhere in the 87,666.8 acre Project Influence Zone, reducing spread and intensity to preserve the immense amount of carbon sequestered in the PIZ. This fuelbreak will provide GHG benefits, public safety, Low-income community resilience and wildlife protections. Fewer and larger trees remaining will stabilize carbon storage in the Project Area.

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
19-FP-NEU-1039	Sierra Streams Institute	Nevada County Private Lands Fire Prevention Project	Nevada*	\$463,424	The Project will reduce greenhouse gas (GHG) emissions by both directly reducing ladder fuels and fire risk on private properties in a dense wildland urban interface (WUI), and by using these fuels treatments as demonstrations to educate WUI landowners on their role in reducing wildfire risk and GHG emissions. Our proposed treatments directly reduce GHG emissions via reduced fire likelihood and increased forest uptake of carbon for growth. Our education program reduces GHG emissions and maximizes sequestration by providing demonstrations of the interactions among fuel reduction, forest growth, and GHG benefits, as well as the role of private land stewardship in maintaining these benefits.

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
19-FP-NEU-1070	County of Nevada	Senior Firewood Gold Country Partnership	Nevada*	\$548,046	The Senior Firewood Gold Country Partnership will protect human life and private property, advance California's Climate Investment goals, as well as support Governor Newsom's California for All campaign to empower and engage vulnerable populations in emergency preparedness. The Senior Firewood program will 1) remove hazardous vegetation and standing hazard trees, 2) provide vital fire prevention and emergency preparedness education, 3) use hazard trees as fuel to keep low-income seniors with access and functional needs warm in winter. By removing hazardous vegetation, the total wildfire risk is reduced, greenhouse gases are sequestered, and life, property and the environment is protected.

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
19-FP-NEU-1072	County of Nevada	Ponderosa West Grass Valley Defense Zone Phase II	Nevada*	\$3,999,608	The 2013 Rim Fire released 11,352,608 tons of GHG emissions which is equivalent to 2.3 million cars, with CO2 usage of 1.2 billion gallons of gas, electricity used by 1.5 million homes, and emissions from 3.2 coal fired plants for 1 year (SNC Rim Fire Fact Sheet). Fuel reduction is a vital to maintain the Sierra Nevada as carbon sinks rather than carbon sources. A shaded fuel break will thin and remove ladder fuels; reducing fire intensity, rate of spread, and ground fires from moving to more destructive crown fires. Project reduces wildfire risk in interface lands to densely populated communities; thus protecting homes, infrastructure, the environment, forest health and community safety.

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
19-FP-NEU-1074	County of Nevada	Community Wildfire Protection Plan Update	Nevada*	\$158,873	CWPP enable communities to plan how they will reduce the risk of wildfire. The primary goal of the CWPP is to protect human life, private property, essential infrastructure and resources through the implementation of fire prevention projects that work to increase public awareness, improve forest health, sustain local wildlife and preserve the natural beauty of the area. Nevada County is situated on 978 square miles of diverse and rugged rural lands with more than 92% of County residents living in High to Very High fire severity zones. This substantial update to our CWPP will help the County prepare for wildfires throughout the next decade.
19-FP-NEU-1075	County of Nevada	Lodestar Shaded Fuel Break	Nevada*	\$1,527,711	It is estimated that the 2013 Rim Fire released 11,352,608 metric tons of GHG emissions. This is equivalent to emissions from 2.3 million cars, carbon dioxide from 1.2 billion gallons of gas, electricity used by 1.5 million homes, and emissions from 3.2 coal fired plants for 1 year. Fuel reduction is a vital tool in maintaining Sierra Nevada forests as carbon sinks, rather than carbon sources. This shaded fuel break will thin and remove ladder fuels which will reduce fire intensity and rate of spread,

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					as well as prevent ground fires from moving to more destructive crown fires.
19-FP-NEU-1076	County of Nevada	Forest Fire	Nevada*	\$135,362	FOREST.FIRE is an interpretative art installation that will be available for free to the public for 4 months at the County administration building. Created to engage the Sierra Nevada community about catastrophic fire in the forest, its purpose is to help residents arrive at a transformative cultural understanding about the forest they live in, its relationship with fire. FOREST.FIRE will present UC Berkeley's Sagehen Creek Field Station's research which outlines how to stop the cycle of catastrophic wildfires, sequester carbon, and return useful low-intensity fire to the California for the benefit of all.
19-FP-NEU-1086	County of Placer	Michigan Bluff Community Hazardous Fuel Reduction Project	Placer*	\$5,536,300	This Project is key to protecting communities, homes and infrastructure within CalFire High Priority zones by reducing wildfire risk by half for the area and is vital to Placer County's implementation of a foothill to headwaters fuel break in the American River Basin. This Project will reduce GHG emissions through a variety of fuel reduction treatments, including sustaining the forested land, stimulating forest growth, promoting the health and

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					growth of large diameter tree stems. The treatments will also significantly reduce fire risk, and prevent the release of carbon and other harmful particulates, sequester carbon.
19-FP-NEU-1102	County of Nevada	Evacuation and Wildland Urban Interface Risk Analysis	Nevada*	\$240,901	It is estimated that the 2013 Rim Fire released 11,352,608 metric tons of GHG emissions. This is equivalent to emissions from 2.3 million cars, carbon dioxide from 1.2 billion gallons of gas, electricity used by 1.5 million homes, and emissions from 3.2 coal fired plants for 1 year (Sierra Nevada Conservancy Rim Fire Fact Sheet). An evacuation planning and community centered risk assessment will elevate awareness and reduce the probability that unmitigated wildfire will result in the astronomical discharge of GHGs into the atmosphere. This project is an investment in forest health and community safety.

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19-FP-NEU-1113	Fire Safe Council of Nevada County	Firewise Communities Certification and Renewal Resource Grant	Nevada*	\$267,120	This proposal is intended to increase the number of Firewise Communities. By increasing the number of Firewise Communities, we are able to educate residents on personal responsibility in reducing fuel loads in their communities that would otherwise pose extreme fire risk to their homes and neighborhoods. This Fire Prevention Education program will educate and certify Firewise Communities, in turn it reduces wildfire risk in interface lands to densely populated communities; protecting homes, infrastructure, the environment, forest health and community safety, thereby reducing wildfire emissions.

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
19-FP-NEU-1114	Fire Safe Council of Nevada County	Woodpecker Ravine Fuel Reduction Project	Nevada*	\$3,999,920	The 2013 Rim Fire released 11,352,608 tons of GHG emissions which is equivalent to 2.3 million cars, with CO2 usage of 1.2 billion gallons of gas, electricity used by 1.5 million homes, and emissions from 3.2 coal fired plants for 1 year (SNC Rim Fire Fact Sheet). Fuel reduction is a vital to maintain the Sierra Nevada as carbon sinks rather than carbon sources. This shaded fuel break will thin and remove ladder fuels; reducing fire intensity, rate of spread, and ground fires from moving to more destructive crown fires. Project reduces wildfire risk in interface lands to densely populated communities; thus protecting homes, infrastructure, the environment, forest health and community safety.
19-FP-NEU-1115	N/A	N/A	N/A	N/A	N/A

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
19-FP-NEU-1116	Fire Safe Council of Nevada County	Nevada County Chipping and Green Waste Program	Nevada*	\$662,924	Virtually all of Nevada County is designated as a high or very high risk for wildfire. The Fire Safe Council of Nevada County Chipping and Green Waste Program provides cost effective access to fuels reduction, chipping of woody by product and removal of green waste, to all residents, especially those in the counties low-income population. The chipping and green waste program reduces GHG emissions by reducing fuel loads in residential areas of the WUI. Program objectives and increased compliance of PRC 4290 and 4291 reduces wildfire risk; thus protecting homes, infrastructure, the environment, forest health and community safety.
19-FP-NEU-1119	Yuba Watershed Institute	Montezuma Ridge Fuel Break Maintenance Project	Nevada*	\$375,000	Completing 91 acres of shaded fuel break along Montezuma Ridge in Nevada County will allow fire personnel to better control and manage wildfires to reduce emissions. The completed fuel break will help to moderate fire behavior, also reducing emissions.

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
19-FP-NEU-1126	American Rivers	Hoyt-Purdon Fuel Reduction and Prescribed Fire Project	Nevada	\$64,899	Nevada City and Grass Valley are at high risk of fire emerging from the South Yuba Canyon. During summer months, more than half a million visitors per year visit the South Yuba River State Park, which is adjacent to the project. Similarly, North San Juan and North Columbia are at risk of fire spreading from outlying areas of Nevada City. With the requested funds from CAL FIRE, this project will complete project planning and CEQA for fuel reduction and prescribed fire across 865 acres. Upon implementation, the project will create a resilient forest structure that will increase native tree stem diameters, protect existing soil carbon stores, and reduce wildfire emissions and intensity.

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

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
19-FP-NEU-1132	Placer County Resource Conservation District	Placer County Chipper Program	Placer*	\$1,390,081	By incentivizing landowners in Placer County to reduce fuels surrounding their homes, the wildfire risk and potential severity is significantly reduced. From July 2016 to October 2019, this program has directly supported the chipping of 24,214 tons of woody biomass from private parcels throughout Placer County. Reducing vegetation surrounding homes minimizes the risk of catastrophic wildfire impacts to all valued resources, including human safety, vital infrastructure, water quality, and other ecological and societal features throughout the community. By chipping vegetation, the greenhouse gas emission potential from both wildfire and pile-and-burn alternatives is vastly diminished.

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
19-FP-NEU-1138	Sierra Forest Legacy, a project of Tides Center	Building Prescribed Fire Capacity Through the Yuba-Bear Burn Cooperative	Nevada*	\$90,099	Project will reduce fuel loads on private lands in the Yuba and Bear Watersheds through the formation of a prescribed burn association for private landowners (YBBC). Prescribed burning is a proven greenhouse gas reduction strategy that increases carbon storage over time by making forests resilient to catastrophic wildfire. The YBBC will enable private landowners throughout these watersheds to utilize prescribed fire safely and for a relatively low cost by leveraging volunteer support from community members in order to complete burns. This will lead to lower overall greenhouse gas emissions from private lands in YBBC's project area over the long term.
19-FP-NEU-1146	Placer County Resource Conservation District	Living with Wildfire: California	Placer*	\$360,735	"Living with Wildfire: CA" will reduce GHG emissions throughout Placer County and the State of California by avoiding wildfire emissions that would be more likely to occur if landowners were not provided the educational and outreach materials that this project will produce and distribute. Co2 emissions from wildfire is a significant contributor to greenhouse gasses, rivaling emissions from transportation. Climate resiliency will increase as fuels reduction

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					measures are implemented as a direct correlation from community screenings.
19-FP-ORC-2040	City of Anaheim	Deer Canyon Hazardous Fuel Reduction Project	Orange*	\$224,578	The removal of invasive highly flammable palm trees and replacement with more fire-resistant trees will greatly minimize wildfires in the areas highly susceptible to fires. Preventing these wildfires significantly reduces threats to surrounding communities as well as greenhouse gas emissions that result from these massive fires. Trees that are removed will be processed with the most cost-effective environmentally friendly methods to include the least impact on GHG emissions. No open burning will be conducted. Long-term reductions in greenhouse emissions will result by replacing non–native trees with trees that will provide increases in carbon sequestration.

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
19-FP-ORC-2113	Irvine Ranch Conservancy	Roadside Ignition Prevention - Orange County	Orange*	\$968,826	Large catastrophic wildfires are increasing in frequency and severity in shrublands of Orange County and contribute significantly to GHG emissions. In OC, 85% of major fires begin on primary roadways. To reduce fire severity and threat to communities, the Project will implement targeted projects for fuels reduction and ignition prevention near roadway ignition hot spots. Working with OCFA and UC Irvine, the project will implement fuels reduction based on a comprehensive analysis of roads in the County and modeling of ignitions under a range of weather, fuel and physical conditions. Fuel reduction directly benefits GHG; preventing emissions from major fires will have significant GHG benefits.
19-FP-RRU-1005	Mountain Communities Fire Safe Council	Mountain Fire Prevention and Dead Tree Removal Phase II	Riverside	\$1,500,000	Reducing fuels from around 200 homes plus removing 250 dead/dying trees, and clearing fuels from 100 vacant lots will reduce the size and severity of wildland fires, significantly decreasing the carbon emissions.

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
19-FP-RRU-2012	Riverside County Parks and Open Space District	Riverside County Hazardous Fuels Reduction	Riverside	\$88,164	Acquisition of a Caterpillar 257D3 multi terrain loader and front-end brush cutter will support Riverside County Parks staff in the performance of hazardous fuels reduction treatments on lands conserved under the Multi Species Habitat Conservation Plan. The removal of exotic grasses, weeds, and brush that act as fine fuels near roads, homes, communities, and other infrastructure in the wildland-urban interface will mitigate the risk of catastrophic wildfire thereby reducing greenhouse gas emissions and providing benefits to air quality and community safety throughout western Riverside County.
19-FP-RRU-2061	The City of Moreno Valley	Remote Wildfire Cameras	Riverside*	\$81,000	With the increase in frequency, duration, and intensity of wildfires, the risk of greenhouse gases has increased significantly. The proposed cameras would allow for a more efficient response of resources and monitoring of the wildfires. These cameras will give Emergency Responders the ability to proactively monitor the severity of the incidents and quickly allocate the appropriate resources to reduce wildfire and vehicle emissions; resulting in lower greenhouse gases.

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
19-FP-RRU-2081	County of Riverside	Continuation of Riverside County Fire Prevention Education Program	Riverside*	\$552,124	The goal of the Program is to influence human behavior to prevent fire starts, which directly relates to maintaining and increasing carbon sequestration and ultimately reduces the emitting of Green House Gases from wildfire. The objective of this grant project is to fund a position to expand and sustain the program to assist the department to create and provide comprehensive educational outreach opportunities to two segments prone to fire starts: adults performing high fire risk activities in fire prone areas in or adjacent to SRA and minors susceptible to playing with fire.
19-FP-RRU-2106	City of Corona Fire Department	Part Time Public Educator	Riverside	\$143,660	A part-time educator position will be detrimental in assisting the Corona Fire Department and partnering agencies with the public outreach tasks associated with the development of the Community Wildfire Protection Plan and the establishment of the Corona Fire Safe Council. Through public outreach, education and mitigation identification, the risk and potential of wildfire in forested and forest adjacent communities will be reduced. Minimizing the uncontrolled release of emissions emitted by wildfire, this project improves public health and safety for all Corona

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					residents, while reducing greenhouse gas emissions.
19-FP-SBC-2005	Montecito Fire Protection District	Montecito Neighborhood Fire Prevention Project	Santa Barbara	\$452,760	Each ton of vegetation removed from a very high fire risk area directly reduces the amount of combustible vegetation available to burn during the next wildfire. GHG emissions will be reduced because property owners will have an attractive alternative option to permit burning. The project focuses on educating and collaborating with homeowners and reducing fuels directly adjacent to community assets. These efforts are in direct alignment with local, state, and national goals of making communities more adaptive to wildfire, increasing the efficiency of future wildfire responses, and maximizing carbon sequestration in the surrounding wildland habitat by limiting its exposure to future wildfires.

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
19-FP-SBC-2006	Montecito Fire Protection District	Meta Staff Ride	Santa Barbara*	\$264,340	The intent of this project is to reduce the likelihood of wildfire ignitions. Reducing wildfire starts and catching wildfires before they propel into extended attack contributes to reduced wildfire emissions. This project will reduce Greenhouse Gas emissions by providing a virtual based learning platform for agencies and community members to participate, preventing some participants from traveling to the staff ride. Fire prevention education engages the public to place priority on fire prevention, decrease fuels and take action to prevent wildfires; leading to a reduction of atmospheric carbon release and healthier forests. Improved forest health leads to greater CO2 sequestration.

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
19-FP-SBC-2014	Santa Barbara County Fire Department	Santa Barbara County (SBC) Wildland Readiness Program	Santa Barbara	\$1,308,594	The SBC Readiness Program will educate and prepare WUI residents of Santa Barbara County in an effort to increase awareness of how to prevent wildland fires and take actions that will minimize their effects. Increased fire safety awareness and improved defensible space will result in smaller, less destructive fires thereby protecting the surrounding wildlife, watersheds and the environment and will reduce Greenhouse Gas emissions over the long term. Our Readiness Program is intended to assist in protecting communities, reduce the number of ignitions, and limit the size and intensity of fire occurrences. Long-term reduction in GHG is accomplished through reduction in acres burned over time.

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

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
19-FP-SBC-2065	Santa Barbara Bucket Brigade	Bucket Brigade Neighbor-hood Preparedness Education	Santa Barbara	\$250,000	Our program will increase neighborhood level participation in fire prevention programs in the WUI and surrounding areas. By directly educating neighborhoods on their common risks, as well as the rewards of cooperative fire prevention, we will teach neighborhoods how to prevent, prepare, respond and recover to wildfires as a community. The key to our approach is to reach out directly to vulnerable neighborhoods with education, training and a guided 5-Step Neighborhood Action Plan, which was developed by the County of Los Angeles. We are action oriented. Our goal is to organize neighbors, identify threats and select actionable risk reduction projects for community building resilience.

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

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
19-FP-SCU-0013	City of Morgan Hill	City of Morgan Hill Wildfire Risk Mitigation Plan	Santa Clara	\$183,008	The proposed project intent is to develop an actionable wildfire mitigation plan which prioritizes and designs critical projects, estimates associated costs, and outlines an implementation timeline for key elements, including: roadside fuel treatment programs; use of prescribed fires; establishing and/or improving fuel breaks; and implementing hillside vegetation programs. These fuel reduction treatments would reduce fuel loading, reducing the impact of large, uncontrolled wildfires and associated Greenhouse Gas emissions in our community. Implementing healthy vegetation programs would promote greater carbon sequestration and enhanced fire resistance to protect property and infrastructure.

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
19-FP-SCU-1016	Diablo FireSafe Council	2020-23 Partners in Wildfire Prevention Alameda and Contra Costa Counties	Alameda	\$443,850	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.
19-FP-SCU-1017	Santa Clara Valley Open Space Authority	Wildfire Prevention on Three, Rural, Open Space Preserves	Santa Clara	\$162,787	Reducing GHG emissions is priority for Authority endeavors and projects. Inherently, by reducing fuel loads on our preserves, we will be reducing wildfire emissions. Additionally, the proposed project locations are located in proximity to major cities, like San Jose and Morgan Hill. Reducing fuel loads will lessen the probability of wildfire in these communities and will protect public and private infrastructure.

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
19-FP-SCU-1048	Montalvo Association	Montalvo Arts Center Hazardous Fuel Reduction Project	Santa Clara	\$377,650	This project will reduce approximately 5 acres of fuel at Montalvo Arts Center, improve the health and resilience of treated areas for increased carbon sequestration, and improve public awareness and reduce human ignitions. All of the left over wood biomass will be chipped on-site through a machine provided by the contractor and left as wood mulch for the grounds. Only the Eucalyptus tree barks cannot be chipped, and will be taken to the local Guadalupe or Alviso dump. By not burning removed biomass fuel, and converting them to mulch for other parts of Montalvo grounds and piled up at the Ranger Station for future gardening uses, Montalvo will reduce substantial greenhouse gas emissions.

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
19-FP-SCU-1084	Oakland Fire Department	Hazard Mitigation and Fuel Reduction Across the City	Alameda*	\$10,596,725	The treatment areas involve reducing the threat of wildfire thereby reducing wildfire emissions. The first 2 treatment areas burned completely during the Oakland Hills Firestorm of 1991 and have grown back into dangerous dense Eucalyptus groves that if burned today, would have even a more devastating effect on the communities, homes, and infrastructure as well as negatively affecting green house gas emissions. The 3rd area is mainly brush removal. If there was a fire, it would affect the most disadvantaged and low income neighborhoods of the City. Each is surrounded by homes and critical infrastructure and limited routes for egress in an evacuation.

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
19-FP-SCU-1088	Berkeley Fire Department	Berkeley Wildfire Mitigation	Alameda*	\$811,500	The City of Berkeley's "Berkeley Wildfire Mitigation" Program will focus on an integrated approach for hazardous fuel reduction in the very high fire severity zones (VHFSZ). Reducing hazardous fuel areas support our efforts to reduce greenhouse gas (GHG) emissions. We are seeking to hire two (2) Fire Prevention Inspectors dedicated to the Berkeley Wildfire Mitigation Program. The Office of the Fire Chief will collaborate on development and the two staff members will take the lead on education outreach. We have identified 3 components for programmatic success: 1. Branding and Marketing, 2. Workshops, Training Classes, and Instructor Development, 3. Home Ignition Zone Assessment Program.

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
19-FP-SCU-1098	Berkeley Fire Department	Hazardous Fuels Reduction in BER WUI	Alameda	\$800,484	The "Hazardous Fuels Reduction in BER WUI" project will help meet the CCI GHG reduction goals through hazardous fuel reduction in Berkeley along major evacuation and access routes and directly adjacent to homes, thereby addressing all three components of the stated goals of the program: 1) Reducing risk of wildland fires to habitable structures and communities by removing vegetation for fire start, spread, and intensity. 2) Maximizing carbon sequestration in healthy WUI habitat by clearing excess vegetation, thereby supporting food, light, and water availability for remaining vegetation. 3) Minimizing uncontrolled release of emissions by wildfires by reducing overall fuel availability.

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

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
19-FP-SCU-1108	Santa Clara County FireSafe Council	Beyond Defensible Space: Creating Durable Defensible Communities	Santa Clara*	\$437,765	We will reduce hazardous vegetation fuel pockets in neighborhoods, assist low income/elderly neighbors, clear evacuation routes, develop temporary refuge areas, and create fuel breaks adjacent to the community. This will protect wildland and watersheds from structure fires escaping, as well as protect homes, markets, water infrastructure and meeting centers. This project creates durable defensible communities with maintenance plans and shared commitments. Education for home hardening against wind-driven flames and embers, and evacuation readiness is included. This will reduce emissions from wildfires by keeping fires from growing and providing firefighters safe areas to engage.

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

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
19-FP-SCU-1118	University of California - Berkeley Lab Emergency Services Division	University of California - Berkeley Lab Wildland Fire Hazard 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 150 kV PG&E transmission line, which provides power to LBNL and UCB. The project will target eucalyptus trees and high hazard fuels subject to release CO2 in a wildfire. Roadside treatment will improve evacuation routes.

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
19-FP-SCU-1120	Moraga Orinda Fire District	Tunnel East Bay Hills Fuel Break	Contra Costa*	\$7,014,456	The Tunnel East Bay Hills Fuel Break will significantly reduce the threat of uncontrolled wildfire and associated greenhouse gas emissions by reducing high fuel concentrations and disrupting the horizontal and vertical continuity of fuel beds. The tree canopy formed by healthy mature trees will remain largely intact to reduce the future growth of brush and understory vegetation 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 fires. This fuel break will provide essential opportunities for firefighting success by providing areas of lower fire intensity.
19-FP-SCU-1135	Contra Costa County Fire Protection District	CCCFPD Fire Planning and Education Grant	Contra Costa*	\$378,000	Our focus is on fire prevention planning. There are 13 'communities at risk' in our FD, including several senior citizens communities. Preventing fires in these areas will also protect watershed lands, residential and commercial areas, power lines, major commute routes, cell towers and other important communications systems. This grant funding will also relate to our current FD strategic plan of exterior hazard/weed abatement/defensible space creation/vegetation removal.

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
19-FP-SCU-1144	City of Hayward	Hayward Community Wildfire Protection Planning & Implementation	Alameda	\$200,000	The purpose of the project is to create a Hayward-Fairview specific Community Wildfire Protection Plan (CWPP), which will serve an annex to the Alameda County CWPP. The grant funding will be used to hire a consultant group to assist the staff team with the eight-step process of creating a CWPP document. The CWPP will ultimately be brought to both the Hayward City Council and the Alameda County Board of Supervisors for adoption. In addition to the creation of the CWPP, this grant proposal is also to implement priority fuel treatment projects, as identified in the CWPP. The priority projects will be tracked on an interactive map and will provide an opportunity for community education.
19-FP-SCU-1149	Town of Los Gatos	Vegetation Management Risk Reduction Project	Santa Clara*	\$1,616,539	The project will remove vegetation and brush in the Town's open spaces and mitigate future wildland fires over the next 20 years. These open spaces are surrounded by homes and critical facilities. GHG reductions will occur in the future through mitigation of future fires, as staff will maintain the treated areas according to the long-term maintenance plan.

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
19-FP-SCU-1150	Town of Los Gatos	Hillside Roadway Vegetation Management Risk Reduction Project	Santa Clara*	\$211,738	The proposed project will reduce the fuel risk in Town by performing brush/vegetation management along hillside roadways, which are critical as ingress and egress routes in the Town, essential for both resident evacuation and emergency first responders. Fuel reduction will provide enhanced safety on these routes. The project will reduce future GHGs by mitigating future potential wildland fires.
19-FP-SHU-1052	Trinity County Resource Conservation District	Trinity County Community Protection and Hazardous Fuel Reduction	Trinity	\$407,555	The hazardous fuel reduction treatments included in this project will help to reduce emissions from wildfires including reducing fire hazards in and near Communities at Risk, homes, and infrastructure that provides a direct benefit to SRA. Project areas support Trinity County Community Wildfire Protection Planning by implementing projects identified as high priority in the CWPP. The project will include outreach and education to private landowners to help improve their awareness of wildfire prevention and help to reduce human caused ignitions.

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
19-FP-SHU-1101	Whitmore Volunteer Fire Company, Inc.	Whitmore Hazardous Fuel Reduction & Escape Route Improvement	Shasta*	\$489,240	The project area includes mixed conifer along with thick brush undergrowth. The area has experienced historic fires going back to 1958 and recently in 2003. Many of the escape routes and properties are overgrown and ready to burn again with high severity. By clearing along the escape routes and creating defensible space it will reduce the potential for catastrophic fire. Also, by using chipping/mastication for removal, there will be less control burning of piles, which reduces GHG emissions. This project will build on other fuel reduction/emergency corridors that are currently underway in neighboring communities. By completing these projects, we lessen the potential for high-severity fires.

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
19-FP-SHU-1107	Western Shasta Resource Conservation District	Shasta County CWPP Update and Community Outreach Program	Shasta*	\$1,285,162	The project will reduce the intensity and extent of future wildland fires through identifying priority projects such as fuels reduction, hazard tree removal, thinning, and sustainable timber management practices, including biomass utilization. These activities will reduce greenhouse gas emissions. By re-treating established fuel breaks, the project seeks to limit shrub invasion and reduce potential of reburns by managing resprouting vegetation to remove competition from many small, closely-spaced, fire -vulnerable species into a smaller number of resilient larger trees, thereby improving fire resiliency and carbon stocks.

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
19-FP-SHU-1134	The McConnell Foundation	Shasta County Wildfire Hazard Mitigation and Fuel Reduction	Shasta*	\$3,880,786	The project site is located in the mixed-conifer foothills in eastern Shasta County. Historical wildfire events in this region. Burned land is likely to convert to shrub cover resulting in reduced fire resiliency and less carbon storage. Reducing hazardous fuel along critical transportation corridors within high-risk WUI areas in the County will lessen the probability of high-severity wildfires spreading into and through the WUI areas destroying property and surrounding forest lands by allowing first responders to safely deploy fire suppression resources along these corridors.

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

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
19-FP-SKU-1024	Weed City Volunteer Fire Department	SOUTH WEED HAZARDOUS FUEL MITIGATION PROJECT	Siskiyou*	\$158,811	The completion of this project would greatly reduce the risk of wildfires occurring in the area by creating a two-hundred-foot fuel reduction on both sides of the roads in the area. This would reduce the intensity of any road side fire, reduce wildfire emissions, and give responders the ability to keep a fire from growing rapidly and spreading into nearby commercial, residential areas and Interstate 5 and keep egress clear and open. The project is located in an area that has a long history of human caused wildfires in the area. Major infrastructure in the area includes Interstate 5, hotels, restaurants, gas stations, and the Crystal Geyser water plant as well as a residential area.
19-FP-SKU-1044	Fire Safe Council of Siskiyou County	Mount Shasta Area Fuel Reduction Project	Siskiyou*	\$1,438,122	With significant strategic fuel reduction, the size and magnitude of wildfires can 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 infrastructures, which would otherwise contribute hugely to GHG affects.

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
19-FP-SKU-1046	Fire Safe Council of Siskiyou County	Lake Shastina Fuel Reduction Project	Siskiyou*	\$2,248,696	With significant strategic fuel reduction, the size and magnitude of wildfires can 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 infrastructures, which would otherwise contribute hugely to GHG affects.
19-FP-SKU-1049	Scott Valley Fire Protection District	Scott Valley Hazardous Fuel Reduction Program	Siskiyou*	\$487,032	The project area is a high risk WUI area with dense fuels comprised of dense undergrowth, dead and dying trees, and thick stands of overgrown trees and brush. Removal of this fuel will reduce the chance of a future catastrophic wildfire and reduce potential greenhouse gas emissions. Additionally, this treatment will create a healthier forest which will absorb more carbon, thus reducing atmospheric greenhouse gases. The project will use mechanical treatment for fuel and slash removal, no burning will be used.

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
19-FP-SKU-1065	Shasta Ranch Road Association	Shasta Ranch Wildfire Evacuation Hazard Mitigation	Siskiyou*	\$167,874	Strategic hazard mitigation on this WUI community road system provides for safe ingress-egress while lowering the probability of extreme wildfire behavior and high level emissions. Reduction of ladder fuels and small trees creates a low intensity wildfire environment supporting a decrease in outputs of greenhouse gases/particulates during a potential wildfire event. Thinning small trees will improve health and vigor of the remaining trees for an increased rate of carbon sequestration. Proposed actions support safe, effective community wildfire suppression thereby reducing potential fire size, GHG outputs and minimizing loss of life, homes and resources.
19-FP-SKU-1068	Shasta Valley Resource Conservation District	South Dunsmuir Fuel Break	Siskiyou*	\$149,669	The project is designed to create a shaded fuel break along Interstate 5 within the right-of-way owned by Cal Trans. There are approximately 1000 structures including private homes and business and City infrastructure including power and fire suppression that would be protected by the treatment as well as the important life line egress route I5. The area is 22.6 acres in size. The treatments would protect the structures, trees, and adjacent forests from wildfire reducing carbon

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					sequestration and putting greenhouse gases into the atmosphere.
19-FP-SKU-1085	Northern California Resource Center	Disabled and Elderly Landowner Defensible Space Project	Siskiyou*	\$445,060	This project will provide funding to assist 75 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.
19-FP-SLU-2052	Cal Poly Corporation (on behalf of Cal Poly State University)	Staff Guide: Wildland Fire Risk Reduction Actions at the City and County lev	San Luis Obispo*	\$275,320	The Guide reduces loss of houses and structures, and fewer of these will need to be rebuilt. Each house not needing rebuilding will lower the GHG required to produce the materials, to transport them to the site, and the carbon cos of labor travel to the site. Considering that 90% of homes that get burnt down in CA get rebuilt within 25 years, and reduction in home/structure loss will be a GHG benefit. No GHG reduction in tons, or other metric is provided in this proposal.

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
19-FP-SLU-2068	San Luis Obispo County Fire Safe Council	2019 SLO Countywide Hazard Fuel Reduction	San Luis Obispo*	\$1,888,395	Use crews and equipment to remove dead and dying trees and hazardous fuels on 17 treatments in 5 project areas in SLO County protecting more than 2,600 structures in 9 WUI communities at risk by treating 40 miles of roadside and 1,600 acres of hazardous fuels. GHG are reduced by fewer fire ignitions, keeping wildfire acreage to minimum, reducing noxious GHG emissions from wildfires, burning structures, vehicles that occurs during WUI fires. Reducing chaparral fuels through crushing and prescribed burns will reduce intensity and severity of wildfires that occur during times of worst smoke dispersal conditions creating air pollution and public health hazards.
19-FP-SLU-2070	San Luis Obispo County Fire Safe Council	SLO County Interactive Education	San Luis Obispo*	\$215,520	Greenhouse gas emissions will be reduced by educating public through three project funded tools to target fire prevention, resulting in reduced wildfires, structural ignitions, fire severity, and keeping wildfire intensity and acreage to minimum, thereby, reducing noxious smoke emissions from wildland fires, burning structures, and vehicles that occurs during WUI fires.

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
19-FP-SLU-2071	San Luis Obispo County Fire Safe Council	SLO County CWPPs-Arroyo Grande & Salinas River	San Luis Obispo*	\$221,026	Reduce Greenhouse gas through CWPP's that target reducing wildfire and structural ignitions, fire severity, keeping fire acreage to minimum, reducing noxious GHG smoke emissions from wildfires, burning structures and vehicles that occurs during WUI and river bottom fires. East Arroyo Grande CWPP will provide planning and community engagement for critical strategic fire defense improvement to reduce wildfire spread and WUI fire for 500+ homes. Salinas River CWPP will focus on reducing fire ignitions (more than 200 fires in 2019) and emission of noxious GHG gases from burning debris left by homeless encampments in the Salinas River in SLO County.
19-FP-SLU-2094	Cal Poly Corporation (on behalf of Cal Poly State University)	Fire ESCAPE Risk Assessment and Mitigation Planning Tool	San Luis Obispo*	\$656,741	The ESCAPE hazard/risk tool will assist agencies and property owners in reducing hazard and risks in WUI communities by identifying agency target areas and efforts property owners can take to reduce their property risk and exposure to WUI fires. This will result in fewer structure ignitions and fewer Greenhouse and noxious gas releases from burn structures.

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
19-FP-TCU-0002	Tuolumne County Supt of Schools	Tuolumne County Schools Defensible Space Project	Tuolumne*	\$3,411,474	This project will reduce greenhouse gas emissions by removing thousands of cubic yards of vegetation, brush and woody material from nine school campuses and the 500' perimeters that surround them. In some cases, the slash will converted into biomass for use in a local biomass electrical energy plant. Ultimately, this project will improve wildfire mitigation efforts in the county, reducing the size and likelihood of future fires and their associated greenhouse gas emissions.
19-FP-TCU-0003	Central Calaveras Fire and Rescue Protection District	El Rancho Loma Serena Hazard Roadside Clearing	Calaveras	\$81,829	Reducing the fuel loading on a property by property basis will be beneficial in providing a non-continuous fuel bed to spread fire. Log decks remaining on properties without habitable structures have now become a higher degree of fire danger since four years of brush and grasses have grown around these log decks which will allow these heavy fuel loads to burn in a large scale fire. Removing these fuel loads in a manner that will allow for a reduction in greenhouse gas emissions by utilizing the air curtain burner instead of attempting to open burn large log decks.

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
19-FP-TCU-0004	Central Calaveras Fire and Rescue Protection District	El Rancho Loma Serena Hazard Fuel Removal Project	Calaveras*	\$545,889	Reducing the fuel loading on a property by property basis will be beneficial in providing a non-continuous fuel bed to spread fire. Log decks remaining on properties without habitable structures have now become a higher degree of fire danger since four years of brush and grasses have grown around these log decks which will allow these heavy fuel loads to burn in a large scale fire. Removing these fuel loads in a manner that will allow for a reduction in greenhouse gas emissions by utilizing the air curtain burner instead of attempting to open burn large log decks.
19-FP-TCU-0005	Central Calaveras Fire and Rescue Protection District	Sheep Ranch Roadside Clearing Project	Calaveras*	\$674,939	Reducing heavy roadside fuels and hazard trees along these roadways will result in reduced fire intensity, possibly less ember wash giving structures a greater chance to stand alone. Additionally, where there is a need to physically defend the area from large scale wildfire these roadways will provide fire safe zones for fire fighting crews and equipment. These roadways have been identified as critical to provide safe evacuation corridors for residents.
19-FP-TCU-0026	N/A	N/A	N/A	N/A	N/A

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
19-FP-TCU-0080	City and County of San Francisco	Moccasin Fuel Break	Tuolumne*	\$366,811	The Moccasin Fuel Break project will reduce the amount of potential wildfire risk by creating a 50+ acre fuel break in a high fire risk area by removing hazardous fuel loads and woody debris. Historically, this area is prone to large devastating wildfires, such as the 2013 Rim Fire. A wildfire in this area would not only threaten the infrastructure in Moccasin, (80+ buildings, including a powerhouse and fueling station) used to convey water to San Francisco, but would also put the community of Groveland-Big Oak Flat (population 601) at risk. Greenhouse gas benefits would be achieved in the long-term with the reduction of wildfire potential outweighing the mechanized removal of fuels.

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

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
19-FP-TCU-2026	Mokelumne Hill Sanitary District	MHSD Hazardous Fuel Reduction /Shaded Fuel Break	Calaveras*	\$279,989	The Project will minimize emission of fuel treatment activities, primarily using disposal methods other than open burning (mastication, brush grinding). 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 preventing a wildfire will reduce GHG emissions. In addition, removal and thinning dead fuels will create open spaces for a healthier vegetative environment that will absorb more carbon and reduce atmospheric GHGs into the future.

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
19-FP-TCU-2028	County of Tuolumne through its Fire Department	Hazardous Fuel Reduction/ Maintenance and Tree Mortality Removal	Tuolumne*	\$250,000	Awarding a new Peterbilt Mechanic Package, Landoll Industrial Trailer, and Fecon Bull Hog will safely transport a Caterpillar Compact Track Loader awarded in the 2018-2019 CCI Grant, and sequester carbon by capitalizing mastication and equipment efficiency by expediting service and repair at project sites past the 2024 completion goal. The Fecon Bull Hog attaches to the Caterpillar to masticate new and existing fuel breaks, treatments, and remove insect killed vegetation within The County of Tuolumne to reduce the spread of tragic wildfire, reducing greenhouse gas emitted by combustion. Treating understory vegetation will promote mature trees to grow at an increased rate, storing carbon.

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
19-FP-TCU-2038	Calaveras County Water District	CCWD West Point Fuels Reduction Project	Calaveras*	\$115,000	The project includes Calaveras County Water District land that is choked with dense brush, ladder fuels and derelict pine plantations, the recipe for catastrophic fire and a serious threat to the homes and infrastructure around Bummerville, and West Point including potable water supply, transmission lines, and critical fire fighting infrastructure. The purpose is to minimize the risk of fire ignition, fire spread, and accelerating carbon sequestration. Project would mitigate wildfire emissions by creating a forest resilient to wildfire avoiding the massive release of carbon dioxide into the atmosphere. Increase carbon sequestration by accelerating growth post treatment.

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
19-FP-TCU-2045	Calaveras Foothills Fire Safe Council (CFSC)	MFPD Pre-Fire Mapping Project	Calaveras	\$99,109	The Project will reduce the possiblity of significant high-severity wildland fires by reducing the time firefighters take to 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 MFPD Project therefore reduces wildfire emissions through "avoided wildfire emissionscatching wildfires before they propel into wildland areas and facilitating firefighting efforts".

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
19-FP-TCU-2046	Calaveras Foothills Fire Safe Council (CFSC)	WPFD Pre-Fire Mapping Project	Calaveras	\$99,109	The Project will reduce the possiblity of significant high-severity wildland fires by reducing the time firefighters take to 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 MFPD Project therefore reduces wildfire emissions through "avoided wildfire emissionscatching wildfires before they propel into wildland areas and facilitating firefighting efforts".
19-FP-TCU-2047	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 project would assist agencies as well as homeowners in being better prepared and equipped to avoid catastrophic wildfires.

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
19-FP-TCU-2048	Calaveras Foothills Fire Safe Council	Calaveras County Door to Door Chipping Program	Calaveras*	\$169,680	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.
19-FP-TCU-2049	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.
19-FP-TCU-2050	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.
19-FP-TCU-2051	Calaveras Foothills Fire Safe Council	Dorrington/ Camp Connell HOA's Common Area Fuel Reduction Grant	Calaveras	\$236,380	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.

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
19-FP-TCU-2055	Tawonga Jewish Community Corp.	Tawonga Community Forest Resiliency Project	Tuolumne*	\$382,841	This project will reduce hazard trees, ladder and ground fuel loads at Camp Tawonga, a nonprofit summer camp located within the Stanislaus National Forest in Tuolumne County. This camp serves more than 2,500 children and their families annually, introducing them to forest ecology, sustainability, and forest stewardship. The forested project area includes 71 habitable structures, along with more than 30 additional support structures, and other critical infrastructure. Hazard trees will be removed to our onsite lumber mill where we will sequester the carbon in the form of lumber for use in construction projects on our site, reducing the need for burn piles and transporting much of the biomass.

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
19-FP-TCU-2062	Calaveras County Resource Conservation District	Blue Lake Springs and Boundary Dead Tree and Hazardous Fuels Mitigation	Calaveras	\$271,098	Strategically placed fuel breaks reduce wildfire hazards; provide greater safety to fire fighters by creating a defensible area; and reduce the intensity of wildfires. The proposed fuel break would directly protect 1,731 homes in the BLS subdivision. Benefits from the AVOIDANCE of wildfires cannot be accurately measured, but according to the USGS, the 2018 wildfire season in California burned 8.8 million acres, releasing 68 million tons of carbon dioxide, or 15% of the state's total emissions, equivalent to the emissions from all electricity used in California for a full year. Net carbon sequestration would be achieved through improved forest health and growth.

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

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
19-FP-TCU-2067	Groveland Community Services District	Groveland Community Services District Infrastructure Fuel Reduction	Tuolumne*	\$511,840	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 150 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 tor protect critical water and sewage infrastructure.
19-FP-TCU-2073	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.

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
19-FP-TCU-2078	Tuolumne Band of Me-Wuk Indians	Tuolumne Band of Me-Wuk Indians Hazardous Fuels Reduction	Tuolumne*	\$219,687	The Tribe's hazardous Fuels Reduction Project will contribute to California's climate goals by reducing emissions from wildfires. Use of a mastication will reduce fire hazard in and near communities and infrastructure that provides a direct benefit to SRA while improving health and resilience of treated areas. The intent of the project is to reduce the likelihood of wildfire from places where fire is not tolerable on the landscape — communities, homes, infrastructure, and other highly valued resources. Eliminating wildfire starts contribute to reduced wildfire emissions over time. Minimizing emissions of fuel treatment activities by using disposal methods other than open burning is the goal.

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
19-FP-TCU-2080	Calaveras County	South Fork Mokelumne River Watershed Restoration CCWD Unit	Calaveras*	\$303,744	This project will reduce hazardous fuels on 112 acres of overstocked coniferous forest choked with brush and dead trees by thinning the stand and masticating ladder fuel and understory brush. It will restore watershed health by reducing the risk of fire ignition, rate of fire spread, fire intensity and burn area while increasing resilience to drought and pestilence. It is designed to reduce Greenhouse Gas emissions by: 1) Converting harvested biomass into forest products (lumber, fencing, particle board) that store carbon for decades; 2) Increasing the rate of carbon sequestration in the post-treatment stand through accelerated growth; and 3) avoiding stand replacing fire.
19-FP-TCU-2083	N/A	N/A	N/A	N/A	N/A

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
19-FP-TCU-2085	Tuolumne Utilities District (TUD)	TUD Water Facilities Fire Resiliency Project	Tuolumne*	\$230,123	The District has nine critical water storage facilities that supply water to an estimated population of 21,300 residents in various communities throughout Tuolumne County. In order protect these water storage tanks and water supply provided to these residents, the District proposes hazardous fuel reductions by hand thinning and mastication treatments of 26 acres with a clearance range of 200-300 feet in diameter. As a very high hazard SRA region, Tuolumne County is susceptible to devastating wildfires. California wildfires released 45 million metric tons of carbon dioxide into the air in 2018. That is 9 times more greenhouse gas emissions than the state reduced that year. (Next 10)

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
19-FP-TCU-2089	Highway 108 Fire Safe Council	Tuolumne County Community Wildfire Protection Plan	Tuolumne*	\$158,592	Development of the Tuolumne County CWPP will not create any GHG emissions. The CWPP 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 efforts to reduce the potential and severity of wildfires in Tuolumne County. The CWPP will identify areas for reduction of vegetation that could by consumed by a wildfire. Reducing fuel loads will allow for quicker control of wildfires. Wildfires will burn at a lower severity where fuel loads have been reduced, and noxious smoke emissions will be reduced.
19-FP-TCU-2091	Highway 108 Fire Safe Council	Apple Valley Shaded Fuel Break	Tuolumne*	\$317,800	The Apple Valley Shaded Fuel Break will reduce wildfire risk, and the resulting GHG emissions, to the Apple Valley and Meadow Brook Subdivisions. Approximately 400 habitable structures are in the project area. In the long run, this well constructed and maintained fuel break will reduce the potential for large, high intensity wildfires and the associated GHG emissions and pollutants they produce.

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
19-FP-TCU-2095	Calaveras Fire Safe Council	Love Creek Fuels Reduction	Calaveras*	\$706,026	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.
19-FP-TCU-2111	Highway 108 Fire Safe Council	Big Hill Road Shaded Fuelbreak	Tuolumne*	\$355,992	This project completes a complex of shaded fuel breaks that divide a highly fire prone area of Tuolumne County into more manageable areas allowing fire suppression resources to keep wildfire starts much smaller, therefore reducing greenhouse gas emissions.
19-FP-TCU-2112	Tuolumne County	Residential Green Waste Pick-Up Program	Tuolumne	\$992,612	Catastrophic wildland fires contribute significant amounts of Greenhouse Gas emissions to the atmosphere with each incident. It is widely acknowledged that fuel reduction is the most important proactive activity that can be done to slow or stop a wildland fire. As a result, homes in the WUI have a greater obligation to have defensible space completed, not just for structure protection but for reducing Greenhouse Gas emissions. Since almost all homes in Tuolumne County are located in the WUI and almost every community in Tuolumne County is considered lowincome, according to the 2010 Census Tract, this project is a high priority and

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
					will have a great impact on health and safety of residents.
19-FP-TCU-2117	County of Tuolumne	Tuolumne County Roadside Hazardous Fuel Reduction	Tuolumne	\$431,984	This project will create shaded fuel breaks along 200 miles of County roadway. GHG benefits: Slash and woody material will be used for biomass electrical generation. Fuel Reduction is the most important proactive activity that can be done to slow or stop a wildfire.
19-FP-TCU-2118	County of Tuolumne	Tuolumne County Defensible Space Assistance	Tuolumne	\$531,664	This project will create PRC 4291- qualified defensible space clearing on private property around 250 structures. GHG benefits: Slash and woody material will be used for biomass electrical generation. Fuel Reduction is the most important proactive activity that can be done to slow or stop a wildfire.

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19-FP-TCU-2121	Department of Parks and Recreation	Columbia State Historic Park - Fuel Reduction Project	Tuolumne	\$220,216	The project is a continuation of an existing CAL FIRE Fire Prevention Grant (#5GG17213). Funds for the existing grant will run out in February 2020, prior to planned completion date. The goal is to continue reducing surface and ladder fuels, break up vertical and horizontal continuity of fuels, increase the success of Initial Attack resources, and reduce the fire hazard risk to privately owned homes from the impacts of a catastrophic wildfire. The leftover woody biomass will either be burned in small 4x4 piles or chipped and reused as mulch. The actions will assist in reducing the amount of smoke and GHG.
19-FP-TGU-1059	Planning & Community Development Services Agency	Glenn County Safety Element Update	Glenn*	\$123,750	Improved fire planning, education, and reducing GHG are key elements that Glenn County will incorporate in to the update of the existing 1993 Safety Element. A new Safety Element will develop fire safe policies, reducing development in fire hazard areas. Development review will reduce the potential for catastrophic fire and related GHG emissions. The Safety Element will educate citizens on reducing potential ignition sources. Wildfire plans and evacuation routes will be updated improving safety during fires. Additional First Responder resources for life and

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					infrastructure protection will be reduced as a result of improved fire protection planning.
19-FP-TGU-1081	Tehama Conservation Fund	TinderSmart Tehama Program	Tehama	\$270,430	The Program will reduce hazardous vegetative fuels around homes and adjacent open spaces within private parcels owned by willing Tehama County participants Reducing these fuels will reduce the risk of ignition and fire spread around structures and adjacent open areas. To do so, vegetative fuels will be treated using an array of methods such as chipping, mastication, and hand treatment. The chipped material will be broadcast back onto treatment areas to avoid the generation of GHGs related to transport of material to a cogeneration facility or burning it in piles.

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19-FP-TGU-1133	Resource Conservation District of Tehama County	Mineral Firewise Hazard Tree Removal	Tehama	\$4,002,307	The Mineral Firewise Hazard Tree Removal Project proposes both reduction in the overall volume of live and dead ground fuels and large and small tree stem density. Treatments would occur on developed sites within 100 feet of all structures such as homes and business. Open areas throughout the Mineral and Mill Creek communities would be included as well, when appropriate and conducive to community protection. Once completed, this project will reduce the probability of roadside ignition risk, slow any ground fire spread that occurs, increase ground to crown heights on all remaining trees, and reduce crown to crown connectivity between large trees within the community.
19-FP-TUU-2020	Tulare County Resource Conservation District	Doyle Springs Fuel Reduction Project	Tulare	\$202,877	Heavy fuels surrounding and within the community would be treated by a combination of mastication, chipping, and removal. This would reduce the chances of a fire originating in or entering the area. This could reduce the potential GHG emissions created by wildfire. The fuels will be either left on site in the form of chips or hauled to a biomass or other processing facility (shavings, decorative chips, etc.). These treatment methods in lieu of

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					burning will store the carbon for a longer period, further reducing GHG emissions.
19-FP-TUU-2030	Tulare County Fire Department	Panorama Heights Fuel Reduction Project	Tulare	\$1,193,180	This project will reduce approximately 8,000 tons of fuel and stored carbon potential. It will also diminish the spread of fire from wildland into the wildland urban interface, protecting 321 habitable residential structures and 802 residents.
19-FP-TUU-2115	Three Rivers Fire Safe Council	Three Rivers Wildfire Preparedness Education and Outreach	Tulare*	\$37,689	Devastating wildfires released 45 million tons of carbon dioxide into the air in 2018. That is 9 times more greenhouse gas emissions than the state reduced that year. (Erik Anderson, KPBS.org, Oct. 2019) The 3RFSC will conduct public outreach and wildfire education activities with the goal of limiting unintentional/accidental ignitions. Activities include education brochures, HIZ evaluations, public presentations & events, community signage and visitor specific educational materials. Prevention education is the key to reducing carbon dioxide and other Greenhouse Gas Emission produced by wildfires, thus improving public health and safety of 3 Rivers residents and visitors.

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
19-FP-TUU-2116	Three Rivers Fire Safe Council	Three Rivers and Kaweah Community Risk Assessment and CWPP	Tulare*	\$75,600	Three Rivers is a designated Extremely High Fire Risk Community by the California Fire Alliance. Situated in the foothills just below Sequoia National Park, our entire community is within the WUI with roughly 1,500 houses & buildings equating to approx. 2,248 people. Our population density is only 48 people per square mile in our 44.5 square mile community. The 3RFSC is seeking funding for a risk assessment & development of a 3 Rivers specific CWPP. Although the county of Tulare has a CWPP that is inclusive of 3 Rivers it is our goal to create a CWPP that specifically outlines the unique fire risk challenges that our community faces and a strategies to address these challenges.

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19-FP-VNC-1007	Ventura Land Trust	Defensible Space Creation and Fuel Load Reduction Project	Ventura	\$223,567	By managing and reducing fuel for fire in the Thomas Fire burn scar, Ventura Land Trust (VLT) will mitigate fire risk in the area. The Thomas Fire swept through Ventura County's WUI, specifically Harmon Canyon and into the neighborhood of Clearpoint to the west, destroying hundreds of homes. By creating and managing a 300 feet of defensible space along the developed portion of the western property boundary of Harmon Canyon, removing high fire risk invasive species, and clearing the oak under story, VLT will reduce the risk for fire and reestablish carbon sequestering native plant communities, therefore drastically reducing the GHG emissions, while saving lives and homes in the process.

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19-FP-VNC-2003	Ojai Valley Fire Safe Council	Ojai Valley Wildfire Risk Mitigation Strategy	Ventura	\$909,910	This proposal reduces GHG emissions by (1) increasing the fire-fighting capacity along the WUI through improved water delivery and storage, (2) reduced fuel load through wetted vegetated zones along the fire perimeter of the project area, (3) reduced fuel load through a continuous prescribed grazing program, (4) decreased GHG emissions from mechanized treatment in the grazing zones, (5) reduced emissions from a continuous grazing zone (reducing the need for animal transport), (6) increased carbon sequestration of plants and soil through an ecologically-sound prescribed grazing program, and (7) increased use of renewable energy and distributed energy resources for energy and water transport.

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19-FP-VNC-2041	Bell Canyon Community Service District	Bell Canyon Home Ignition Zone Inspection Training	Ventura	\$37,257	We will be training Bell Canyon resident volunteers on how to conduct a Home ignition Zone inspection. They will then be conducting inspections for residents in Bell Canyon advising them on how to improve their defense against wild fire and harden their homes. The result will be a community whose homes have been hardened against the threat of wildfires. There are 700 homes in our community. In the 2018 Woolsey Fire 38 homes were totally destroyed and the primary cause was wind-blown embers. This program will improve Bell Canyon's ability to withstand that threat. This is a direct benefit to the SRA and will improve public awareness and reduce human caused ignition.

Project Tracking Number	Applicant	Project Name	County	Requested Funds	Project Description
19-FP-VNC-2042	Bell Canyon Community Service District	Create a Bell Canyon Community Wildfire Protection Plan	Ventura	\$125,682	We will utilize the Cal Fire Unit Strategic Fire Plan completed by VCFD and the Bell Canyon Community Wildfire Risk Analysis commissioned by the Bel Fire Safe Council to develop a CWPP for Bell Canyon in partnership with the Bell Canyon community, HOA, the Bell Canyon CSD, Ventura Fire, & LA City Fire. Development of the plan supports community wildfire planning & improves public awareness. Plan implementation will reduce wildfire that provides a direct benefit to this SRA in the form of reduced Co2 emissions from wildfires.
19-FP-VNC-2043	Bell Canyon Community Service District	Develop a Hazardous Fuel Reduction and Fuel Mgmt Plan for Bell Canyon	Ventura	\$230,970	We will utilize the Ventura County Strategic fire plan and the Bell Canyon Community Wildfire Risk Analysis commissioned by the Bell Canyon Fire Safe Councils input when developing a plan for Hazardous Fuel Reduction and Fuel Management for Bell Canyon and surrounding buffer areas in partnership with the Bell Canyon community, the Bell Canyon CSD, Ventura County Fire, LA City Fire and the RCDSMM. Implementation of the plan will reduce fire hazards in and infrastructure that provides a direct benefit to this SRA. A CEQA study of the area covered by the plan will be undertaken as part of this project.

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19-FP-VNC-2077	Ventura County Resource Conservation District	Living With Fire: Building Resilience in Ventura County	Ventura	\$100,425	The following co-benefits will occur, increase, and be maintained upon landowner implementation through the development of a robust fire-wise, climate-smart education and outreach program. This program is to include financial and technical incentives for landowners to participate in, to help support the implementation of vegetation management and structure hardening retrofits/upgrades. Carbon emissions will be avoided through the removal of flammable material from structures and neighborhoods; public health and safety will be protected by decreasing wildfire risk to residences; residential and agricultural landscapes will gain improved water holding capacity through the application of mulch.

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19-FP-VNC-2120	Ventura County Fire Protection District	Ember Zone Hazard Mitigation in the Wildland Urban Interface/ Intermix	Ventura	\$345,000	The Ember Zone Mitigation in the Urban Interface/ Intermix project is designed to be an innovative approach to fire prevention. As we have learned with recent wind driven fires, the ember zone is a critical component for the safety and resiliency of communities in the WUI and adjacent to the WUI. Using science-based methods to fire hazard mapping, we will be able to better identify the ember zones throughout Ventura County. A public facing website will allow communities to better understand the fire hazard risks and provide resources for communities to become more fire resilient. The GHG benefit that comes from homes, communities, and infrastructure hardened to wildfire is immense.	
Total # Applications = 257		Tota	Total requested = \$208,868,464			

Information about this report:

- List contains applications for 2019-2020 CCI Fire Prevention Grants.
- The county locations identified in the project may also span multiple Counties, CAL FIRE Units and/or Regions.
- All the application packages are subject to change due to final agency contract revisions and amendments.
- Fire Prevention Grants are generally funded for a 4 year grant cycle:
 - o The grants work is to be completed by March 15, 2024 (end of the grant cycle).
 - o The grantee is required to submit the final invoices by April 30, 2024.
 - o All the funds will be disencumbered by June 30, 2024.
- The objectives of the Fire Prevention Grants Program are to:
 - o Reduce wildfire hazard around communities and infrastructure.
 - o Improved health and resilience of treated areas for increased carbon sequestration.
 - Support community wildfire planning and facilitate plan implementation.
 - o 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