

Greenhouse Gas Reduction Fund Forest Management Grants

State Responsibility Area Fire Prevention Grants





**Greenhouse Gas Reduction Fund
Forest Management Grants**

State Responsibility Area Fire Prevention Grants

Introductions

Logistics:

Time, Services, Handouts, Questions



Greenhouse Gas Reduction Fund Forest Management Grants

State Responsibility Area Fire Prevention Grants

Workshop Purpose

CAL FIRE's new grant programs

- Greenhouse Gas Reduction Fund Forest Management Grant Programs
- State Responsibility Area Fire Prevention Fund Grant Program

Eligibility, project types, funds available, application process, and timelines.



Greenhouse Gas Reduction Fund Forest Management Grants

State Responsibility Area Fire Prevention Grants

Agenda

1. Greenhouse Gas Reduction Fund and State Responsibility Area Fire Prevention Grant Program overviews
2. Grant Program Details
3. Breakout Session: grant specific questions, assistance with Concept Proposals, Project Applications, etc.
4. Discussion/Question & Answer/Wrap up



Greenhouse Gas Reduction Fund Forest Management Grants

State Responsibility Area Fire Prevention Grants

QUICK START

1. GET MORE INFORMATION: www.fire.ca.gov/grants/grants.php
2. CONTACT A REGISTERED PROFESSIONAL FORESTER:
http://www.bof.fire.ca.gov/professional_foresters_registration/how_to_locate_an_rpf_or_crm_search_engine/roster_of_rpf/rpf_consulting_list_090914.pdf
3. DETERMINE GRANT PROGRAM BEST FOR YOU
4. SUBMIT CONCEPT PROPOSAL BY THE FOLLOWING DEADLINES:

Urban Forestry	November 13
SRA Fire Prevention Grants	November 14
Most Greenhouse Gas Reduction Fund Grants	November 21
CFIP Reforestation	December 31



Greenhouse Gas Reduction Fund State Responsibility Area Fund Background

What is the Greenhouse Gas Reduction Fund ? A fund established by law in 2012 to receive State Cap and Trade Auction proceeds and define how funds will be used. A portion of the funds (\$42/\$872 million) were included in the Governor's Budget Act of 2014 and assigned to CAL FIRE to implement forestry projects that lead to increased carbon sequestration (tree growth) and greenhouse gas emissions reductions. Projects must contribute to goals in AB 32, the Global Climate Warming Solution Act and strategies contained in the Air Resources Board Updated Scoping Plan.

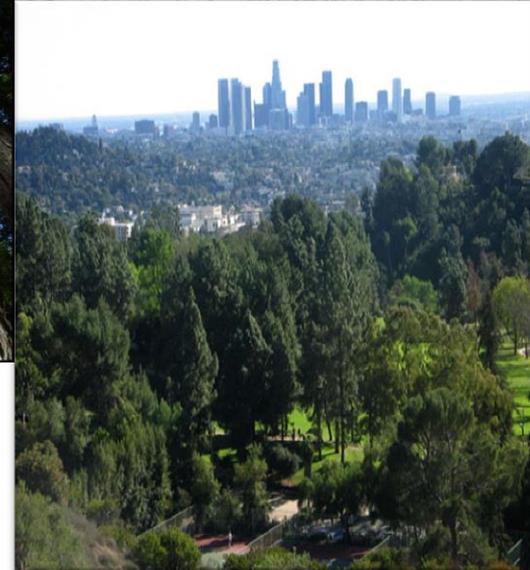
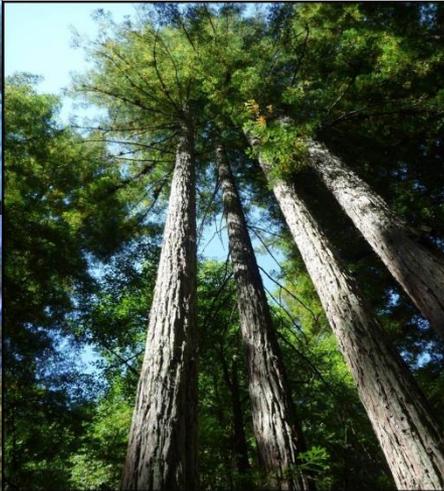
What is the State Responsibility Area Fire Prevention Fund – Funds authorized in the Governor's Budget Act of 2014 to help reduce the impacts of wildfires resulting from the drought in State Responsibility Area, and address the risk and potential impacts of wildfire on habitable structures in State Responsibility Area. State Responsibility Area is the 32 million acres of private lands in the State where CAL FIRE has the financial responsibility for wildland fires.



Overview: Greenhouse Gas Reduction Fund Grant Programs



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Overview: Greenhouse Gas Reduction Fund Grant Programs

- **Seven Forest Management Programs**
- **Programs directly administered by CAL FIRE or our partners**
- **\$38 million available for projects**
- **All projects must contribute to increased carbon sequestration or greenhouse gas emission reduction**
- **Grants to be competitively awarded by June 30, 2015**
- **Project work to be completed by the end of 2019**



Overview: Greenhouse Gas Reduction Fund Grant Programs

Forest Legacy Program – Conservation Easements

Forest Pest Control – Improve forest health by thinning forests and controlling pests

Fuels Reduction – Vegetation removal for wildfire hazard reduction

PTEIRs -- Program Environmental Impacts Reports for improved timber management

Reforestation – Planting forest trees after wildfire

Research – Research to study greenhouse gas reduction and carbon sequestration projects

Urban Forestry – A variety of projects that expand and improve urban forests in disadvantaged communities.



Overview: Greenhouse Gas Reduction Fund Grant Programs

Total available funding - \$38 million

Forest Legacy	\$4.2M
Forest Pest Control	\$1.5M
Fuels Reduction	\$8.3M
Programmatic Timberland EIRs	\$1.2M
Reforestation	\$4.8M
Research	\$2.3M
Urban Forestry	\$15.7M



Overview: State Responsibility Area Fire Prevention Grant Programs





Overview: State Responsibility Area Fire Prevention Grant Programs

- **A grant program for fire prevention projects in the State Responsibility Area**
- **Projects must reduce the impacts of wildfires to habitable structures in State Responsibility Area**
- **Program directly administered by CAL FIRE**
- **Issuing \$9.5 million for grants**
- **Grants to be competitively awarded by May 30, 2015**
- **Project work to be completed by the March of 2017**



Overview: State Responsibility Area Fire Prevention Grant Programs

Projects may include, but not limited to:

- **Vegetation clearance, tree thinning, and other types of fuel hazard reduction projects**
- **Fire Prevention Education**
- **Fire Prevention Planning - Creation of strategic wildfire planning documents, such as a CWPP**



Overview:

Greenhouse Gas Reduction Fund Grants State Responsibility Area Fire Prevention Grants

Application and Award Process

- 1. Concept Proposal** – Short initial screening of applicant/project. Approved Concept Proposals invited to submit a Project Application.
- 2. Project Application** – Full details of applicant/project. Project Application evaluated, scored, and ranked by CAL FIRE.
- 3. Grant Agreement** – For selected applications, SAC HQ prepares a Grant Agreement for grantees to sign.
- 4. Grant Award** – Grantee returns completed set of documents, CAL FIRE signs and executes grant.



Overview:

Greenhouse Gas Reduction Fund Grants State Responsibility Area Fire Prevention Grants

Timelines

- 1. Concept Proposal -**
 - Nov 13, 2014 - Urban Forestry Greenhouse Gas Reduction Fund
 - Nov 14, 2014 - State Responsibility Area Fire Prevention Fund
 - Nov 21, 2014 - Most Greenhouse Gas Reduction Fund
 - Dec 31, 2014 - CFIP Reforestation
- 2. Project Application -**
 - Jan 27, 2015 - State Responsibility Area Fire Prevention Fund
 - Feb 27, 2015 - Greenhouse Gas Reduction Fund
- 3. Grant Agreement -**
 - April 15, 2015 - State Responsibility Area Fire Prevention Fund
 - May 19, 2015 - Greenhouse Gas Reduction Fund
- 4. Grant Award -**
 - May 30, 2015 - State Responsibility Area Fire Prevention Fund
 - June 30, 2015 - Greenhouse Gas Reduction Fund
- 5. Grant Termination -**
 - March 15, 2017 - State Responsibility Area Fire Prevention Fund
 - December 31, 2019 - Greenhouse Gas Reduction Fund



QUESTIONS?



Details

Greenhouse Gas Reduction Fund Grant Programs

- Eligibility
 - Greenhouse gas benefits
 - Applicants
 - Geographic area
- General Requirements
 - Registered Professional Forester
 - CEQA
 - Application Review Process
 - Grant Selection Criteria
- Program/Projects Specifics





Details: Greenhouse Gas Reduction Fund Grants Eligibility

Projects provide greenhouse gas reduction benefits

- Stabilize carbon/increase carbon sequestration of forest trees
- Reduce wildfire emissions
- Reduce tree (carbon) losses due to forest pests
- Use of biomass to offset fossil fuel use



Details: Greenhouse Gas Reduction Fund Grants Eligibility

Must provide a methodology and quantify greenhouse gas emissions reduction:

Methodology and factors to consider:

- Compare no-project vs proposed project
- Carbon sequestration from reforestation
- Carbon sequestration from existing tree growth
- Emissions from tree losses due to forest pests
- Reduced wildfire emissions (including fire hazard severity zones and historic high fire frequency)
- Offset fossil fuel use due to biomass utilization of vegetation removed in project
- Carbon stored in solid wood products from wood removed in project
- Avoided forest losses due to conversion
- Avoided energy use to cool buildings
- Other factors



Details: Greenhouse Gas Reduction Fund Grants Eligibility

Applicants

- Varies by Program
- Landowners, Native American Tribes
- Nonprofit organizations
- Public agencies including:
 - State Agencies
 - Public Universities
 - Resource Conservation Districts
 - Local Fire Protection Districts and Departments
 - School Districts
 - Other government entities



Details: Greenhouse Gas Reduction Fund Grants Eligibility

Geographic Area

- Varies by Program
- Forestlands - lands with greater than 10% tree cover
- Urban Forestry Programs - CalEnviroScreen 2.0 disadvantaged communities



Details: Greenhouse Gas Reduction Fund Grants General Requirements

- **Registered Professional Forester's (RPF)** - Required for grant application and project implementation (not applicable for Urban Forestry Grants).
- **CEQA** – California Environmental Quality Act review/documentation needed for some projects



Details: Greenhouse Gas Reduction Fund Grants General Requirements

Concept Proposal and Project Application Review Process

- **Concept Proposal**

- Logged in by CAL FIRE Sacramento Headquarters Grant Management Unit
- Screened by Headquarters Program Managers
- Evaluated by CAL FIRE Regions and Units

- **Project Application**

- Logged in by CAL FIRE Sacramento Headquarters Grant Management Unit and screened by Headquarters Program
- Evaluated/Scored by Units
- Prioritized by Region
- Selected in consultation with Headquarters Executive and Program Managers



Details: Greenhouse Gas Reduction Fund Grants General Requirements

Grant Evaluation and Selection Criteria

- **Concepts Proposal**
 - Evaluated based on eligibility and form completeness
- **Project Application based on Selection Criteria**
 - Appropriate/effectiveness of project type
 - Greenhouse gas reduction benefits and greenhouse gas quantification method
 - Implementation plan, budget, and demonstrated capacity to implement the project
 - Community support and collaboration for the project
 - Contributes towards goals in the 2010 Strategic Fire Plan
 - Contributes co-benefits
 - See Procedural Guidelines for each program



Details: Greenhouse Gas Reduction Fund Grants Program/Project Specifics

- **Forest Legacy**
- **Forest Pest Control**
- **Fuels Reduction**
 - CFIP
 - Grants
- **Reforestation**
 - CARCD CFIP
 - Watershed and Restoration Grants
- **Programmatic Timberland EIRs**
- **State Forest Research**
- **Urban Forestry**
 - Five grant programs



Greenhouse Gas Reduction Fund Program Specifics

Forest Legacy Conservation Easement

Projects – Purchase of conservation easements to protect environmentally important forestland threatened with conversion to non-forest uses.

Who – Forest landowners

Where - Non federal forestlands

Grant Amounts – No more than 75% of the appraised value to be conveyed.

When – Concept Proposal period closed; invited Project Applications due 10/24/14

More info – Jeff Calvert, jeff.calvert@fire.ca.gov



Greenhouse Gas Reduction Fund Program Specifics

Forest Pest Control

Projects - Timber stand improvement/forest health, removal of dead trees, restoration of damaged forests, utilization of biomass, education and research.

Who – Landowners, Native American Tribes, public agencies, universities, 501 c (3) non-profit organizations

Where – Forestlands and urban forests

Grant Amounts – No maximum award. Minimum award \$50,000

When – Concept Proposals due by November 21, 2014

More info – Dr. Tom Smith, tom.smith@fire.ca.gov



Greenhouse Gas Reduction Fund Program Specifics

Fuels Reduction

Two Programs

Fuel Reduction Grants

CFIP Fuels Cost Share Agreements



Greenhouse Gas Reduction Fund Program Specifics

Fuels Reduction Grants

Projects – Selective removal and utilization of vegetation to reduce wildfire hazards (i.e. Fuel Reduction). Projects include thinning, pruning, brush removal, and biomass utilization. Targeted for larger, multiple ownership projects.

Who – Native American Tribes, public agencies, or 501 c (3) nonprofit organizations

Where - Forestlands

Grant Amounts – No maximum award

When – Concept Proposals due by November 21, 2014

More info – Tony Mediati, tony.mediati@fire.ca.gov



Greenhouse Gas Reduction Fund Program Specifics

CFIP Fuels Reduction Cost Share Agreements

Projects – CA Forest Improvement Program (CFIP) cost share agreements for selective removal of vegetation to reduce wildfire hazards. (i.e. Fuel Reduction). Projects include thinning, pruning, brush removal, and slash disposal.

Who – Landowners owning between 20 and 5,000 acres

Where – Non federal forestlands

Grant Amounts – State pays up to 75% to 90% of the total fuel reduction costs to a maximum of \$50,000

When – Concept Proposals due by November 21, 2014

More info – Stephen Smith, stephen.smith@fire.ca.gov



Greenhouse Gas Reduction Fund Program Specifics

Reforestation

Two Programs:

Watershed Reforestation and Restoration Grants

CARCD CFIP Reforestation Cost Share Agreements



Greenhouse Gas Reduction Fund Program Specifics

Watershed Reforestation and Restoration Grants

Projects – Grants for large scale reforestation and watershed restoration resulting from catastrophic wildfires.

Who – Landowners, Native American Tribes, public agencies, or 501 c (3) nonprofit organizations

Where - Forestlands

Grant Amounts – No maximum award

When – Concept Proposals due by November 21, 2014

More info – Stephen Smith, stephen.smith@fire.ca.gov



Greenhouse Gas Reduction Fund Program Specifics

CARCD CFIP Reforestation Cost Share Agreements

Projects - CA Forest Improvement Program (CFIP) cost share agreements with small forest landowners for site preparation, seedlings, and planting forest trees. Administered in partnership with California Association of Resource Conservation Districts (CARCD).

Who – Landowners owning between 20 and 5,000 acres

Where - Non federal forestlands

Grant Amounts – State pays up to 75% to 90% of the total reforestation costs to a maximum of \$100,000

When – Concept Proposals due by December 31, 2014

More info – Stephen Smith, stephen.smith@fire.ca.gov
Karen Buhr, karen-buhr@carcd.org



Greenhouse Gas Reduction Fund Program Specifics Programmatic Timberland EIRs Grants

Projects – Grants to develop Program Timberland Environmental Impact Reports designed to increase carbon sequestration and reduce carbon emission from wildland fires.

Who – Nonindustrial landowners owning 5,000 acres or less of timberland in California

Where - Timberland

Grant Amounts – No maximum award

When – To be announced pending Board of Forestry and Fire Protection rulemaking

More info – Matthew Reischman, matthew.reischman@fire.ca.gov



Greenhouse Gas Reduction Fund Program Specifics

Demonstration State Forest Research Grants

Projects – Research grants for carbon inventory, yield and measurement methods; development of forest fire resiliency; tradeoffs between carbon efficient healthy forests and senescent forest stands; and forest resiliency to climate change.

Who – Universities, public agencies, and other organizations or individuals. Applicants must have the scientific capacity to complete a proposed research or monitoring project.

Where – Forestland, Demonstration State Forests or other areas

Grant Amounts – No maximum award. Minimum award \$10,000

When – Concept Proposals due by November 21, 2014

More info – Dr. Helge Eng, helge.eng@fire.ca.gov



Greenhouse Gas Reduction Fund Program Specifics Urban & Community Forestry Grants

Projects – Five grant programs for urban tree planting to reduce greenhouse gas levels; inventories and management plans; biomass utilization; parcel purchase and greening; and green infrastructure projects

Who – Local government, special districts, and 501 c (3) nonprofit organizations

Where – Projects within census defined urban areas in Cal Enviro Screen 2.0 disadvantaged communities

Grant Amounts – Maximum amount of \$500,000 to \$1,500,000 depending on project type. Match requirement: 25% (can be reduced or waived)

When – Concept Proposals due by November 13, 2014

More info – John Melvin, john.melvin@fire.ca.gov

10/14/2014



Details

State Responsibility Area Fire Prevention Grant Programs

- Program Specifics
- Project Evaluation Criteria
- Project Review Process





State Responsibility Area Fire Prevention Grant Program Specifics

Projects – Fuel (vegetation) hazard reduction, fire prevention education, and fire prevention planning activities that reduce the risk and potential impacts of wildfire on habitable structures in the State Responsibility Area as worsened by drought conditions.

Who – Local entities including local government, fire districts, community services districts, water districts, and special districts with State Responsibility Area within their jurisdiction, or certified local conservation corps, Fire Safe Councils, or other nonprofit organizations

Where – Projects within the State Responsibility Area

Grant Amounts – No Minimum or Maximum Amount

When – Concept Proposals due by November 14, 2014

More info – Sam Walker, sam.walker@fire.ca.gov



State Responsibility Area Fire Prevention Grant Program Specifics

Project Evaluation Criteria

Project addresses risk and potential impact of wildfire: Drought Intensity , Fire Hazard Severity Zone, proximity to habitable structures, other assets at risk

Part of a strategic fire prevention plan(s)

Community support for the project

Implementation plan, budget, and demonstrated capacity to administer grant





State Responsibility Area Fire Prevention Grant Program Specifics

Concept Proposal and Application Review Process

Three levels:

Local – CAL FIRE Units/Contract Counties

Regional – CAL FIRE Regions – North and South

Statewide – Statewide review team prepares a list for consideration by the Director of CAL FIRE



BREAKOUT SESSION



DISCUSSION QUESTION-ANSWER WRAP UP



Greenhouse Gas Reduction Fund
Forest Management Grants

State Responsibility Area Fire Prevention Grants

Contacts

State Responsibility Area Grants

Sacramento HQ Program Contacts

Dean Cromwell -- Planning and Risk Analysis, Dean.Cromwell@fire.ca.gov

Pete Munoa ----- Land Use Planning, Pete.Munoa@fire.ca.gov

David Shew ----- Fire Planning, Dave.Shew@fire.ca.gov

Sam Walker ----- State Responsibility Area Fire Prevention Program,
Sam.Walker@fire.ca.gov



Greenhouse Gas Reduction Fund Forest Management Grants

State Responsibility Area Fire Prevention Grants

Contacts

Greenhouse Gas Reduction Fund Grants

Sacramento HQ Contacts

Jeff Calvert ----- Forest Legacy Grants, Jeff.Calvert@fire.ca.gov

Dr. Helge Eng ---- Demonstration State Forests Research Grants,
Helge.Eng@fire.ca.gov

Tony Mediati ---- Fuel Reduction Grants, Tony.Mediati@fire.ca.gov

Matthew Reischman - PTEIR Grants, Matthew.Reischman@fire.ca.gov

John Melvin ----- Urban Forestry Grants, John.Melvin@fire.ca.gov

Dr. Tom Smith ---- Forest Pest Control Grants, Tom.Smith@fire.ca.gov

Stephen Smith --- CFIP Fuels Reduction, CFIP Reforestation, and
Watershed Reforestation Grants, Stephen.Smith@fire.ca.gov

Chris Zimny ----- Greenhouse Gas Reduction Fund Programs,
Chris.Zimny@fire.ca.gov



Greenhouse Gas Reduction Fund Forest Management Grants

State Responsibility Area Fire Prevention Grants

Contacts

Grants Administration Unit

Stella Chan --- Grants Management Unit, Greenhouse Gas Reduction Fund and State Responsibility Area Grants, Sacramento HQ, Stella.Chan@fire.ca.gov

Joy Tucker --- Northern Region (Redding), State Responsibility Area Grants , joy.tucker@fire.ca.gov

Virginia Hernandez --- Southern Region (Riverside), State Responsibility Area Grants, Virginia.Hernandez@fire.ca.gov

Local Program Contacts - See list of staff at each Unit



Greenhouse Gas Reduction Fund Forest Management Grants

State Responsibility Area Fire Prevention Grants

Other Workshop Locations

October 14, 2014 , 6:00 to 8:00 PM – Dublin – Alameda County EOC, Office of Homeland Security and Emergency Services,
4985 Broder Boulevard, Dublin, CA 94568

October 15, 2014, 6:00 to 8:00 PM – Sacramento – The Natural Resources Building, 1416 – 9th Street, Sacramento, CA 95814

October 16, 2014, 1:00 to 4:00 PM – San Marcos – San Marcos FD Training Center, 184 Santar Place, San Marcos, CA 92069

October 21, 2014, 6:00 to 8:00 PM – Ukiah – Redwood Empire Fairgrounds, 1055 N State St, Ukiah, CA 95482

October 22, 2014, 6:00 to 8:00 PM – Auburn – Placer County Sherriff's Office, 2929 Richardson Drive, Auburn, CA 95603

October 23, 2014, 6:00 to 8:00 PM – Redding – CAL FIRE Northern California Service Center, 6105 Airport Road, Redding, CA
96002

October 28, 2014, 6:00 to 8:00 PM – Riverside – Ben Clark Training Center, 16922 Bundy Avenue, Riverside, CA 92518

October 29, 2014, 6:00 to 8:00 PM – Fresno – Clovis Memorial Building, 808 4th Street, Clovis, CA 93612

November 3, 2014, 6:00 to 8:00 PM – Sutter Creek – CAL FIRE Sutter Hill Fire Station, 11600 Highway 49, Sutter Creek, CA
95685

November, 4, 2014 , 6:00 to 8:00 PM – Eureka – Humboldt County Agriculture Department, 5630 South Broadway, Eureka, CA
95503-6998



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**End
Thank You!**