

Greenhouse Gas Reduction Fund Forest Management Projects

State Responsibility Area Fire Prevention Grants





**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**
- 3. DETERMINE GRANT PROGRAM BEST FOR YOU**
- 4. SUBMIT CONCEPT PROPOSAL**

Deadlines - Nov 13th – Urban Forestry GGRF, Nov 14th – SRA,
Nov 21st – most GGRF grants, Dec 31th – CFIP Reforestation



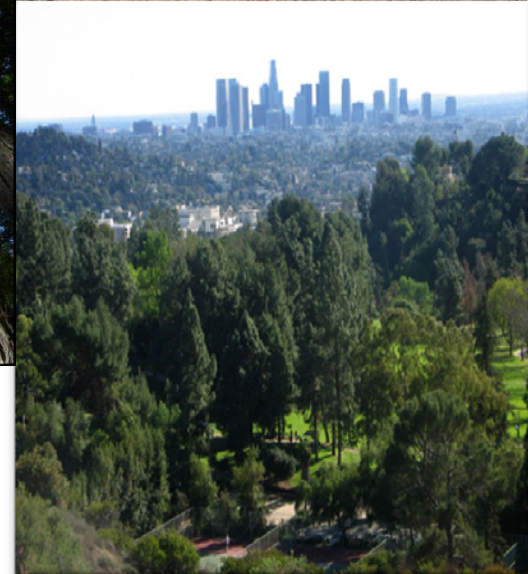
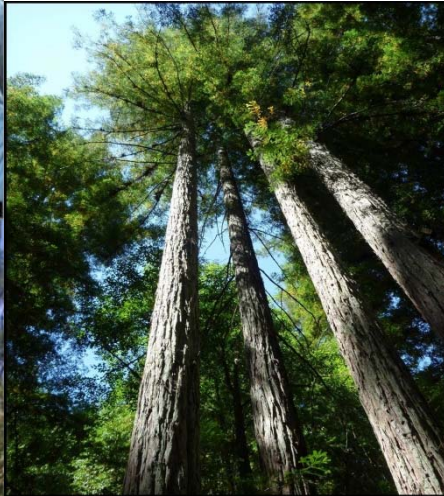
GGRF and SRA Fund Background

What is the Greenhouse Gas Reduction Fund or GGRF? A fund established by law in 2012 to receive State Cap and Trade Auction proceeds and define how funds will be used. A portions of the funds (\$42/\$872 mill) 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 GHG emissions reductions (less wildfire). Projects are to contribute to goals in AB 32, the Global Climate Warming Solution Act and strategies contained in the Air Resources Board Scoping Plan.

What is SRA Fire Prevention Fund – Funds included in the Governor's Budget Act of 2014 resulting from the Governor's Drought Declaration of 2014. The funds are to prevent wildfires in State Responsibility Areas (SRA) and benefit owners of habitable structures in SRA. SRA is the 32 million acres of State or private wild lands outside of cities where CAL FIRE has financial responsibility for fire protection.



Overview: GGRF Grant Programs





Overview: GGRF Grant Programs

- **Seven Forest Management Programs**
- **Programs directly administered by CAL FIRE or our partners**
- **\$38 million actually available for expenditure for FY 2014/15**
- **All projects must demonstrate forestry related carbon sequestration or GHG emission reduction**
- **Grants to be competitively awarded by June 30, 2015**
- **Project work to be completed by the end of 2019.**



Overview: GGRF Grant Programs

Forest Legacy Program – Purchase of Working Forest Conservation Easements

Forest Pest Control – Improve forest health by vegetation control and eradication of infected trees

Fuels Reduction – Forest thinning and understory vegetation removal for wildfire hazard reduction

PTEIRs -- Program Environmental Impacts Reports for Community wide fuel reduction treatments

Reforestation – All services related to replanting conifers after wildfires

Research – Studies to expand or verify GHG reduction and carbon sequestration metrics

Urban Forestry – A variety of projects that expand and improve urban forests



Overview: GGRF Funding

Total available - \$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: SRA Fire Prevention Grant Program



10/21/2014



Overview: SRA Fire Prevention Grant Program

- **A grant programs for fire prevention projects in State Responsibility Areas.**
- **Projects must benefits owners of habitable structures in SRA**
- **Program directly administered by CAL FIRE**
- **\$9.5 million available for grants**
- **Grants to be competitively awarded by May 30, 2015**
- **Project work to be completed by the end of 2017**



Overview: SRA Fire Prevention Grant Program

Projects include:

- **Vegetation clearance and tree thinning**
- **Fire prevention planning (CWPPs)**
- **Public Education and Outreach**



Overview: GGRF and SRA Application and Award Process

- 1. Concept Proposal** – Short initial screening of applicant/project. Approved CPs invited to submit a Project Application.
- 2. Project Application** – Full details of applicant/project. PAs 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 of docs and CAL FIRE signs and executes grant.



Overview: GGRF and SRA grant timelines

- 1. Concept Proposal -** Nov 14th - SRA
Nov 13 – Urban Forestry GGRF,
Nov 21st – most GGRF grants, Dec 31th – CFIP Reforestation
- 2. Project Application -** Jan 27, 2015 - SRA
Feb 27, 2015 - GGRF
- 3. Grant Agreement -** April 15, 2015 - SRA
May 19, 2015 - GGRF
- 4. Grant Award -** May 30, 2015 - SRA
June 30, 2015 – GGRF
- 5. Grant Termination -** March 15, 2017 - SRA
December 31, 2019 - GGRF



GGRF Details: Eligibility

Projects Provide GHG Reduction Benefits by:

- Stabilizing/increasing carbon sequestration of forest trees in the residual stand.
- Reduces wildfire emissions
- Reduce tree (carbon) losses due to forest pests
- Use of biomass to offset fossil fuel use



GGRF Details: Eligibility

Must provide a methodology and quantify GHG emissions reduction

Methodology and factors to consider:

- Compare no-project vs proposed project
- Carbon sequestration from reforestation
- Carbon sequestration of existing tree growth
- Emissions from trees losses due to forest pests
- Reduced wildfire emissions
- Offset fossil fuel use due to biomass utilization of veg 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



GGRF Details: 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



GGRF Details: Eligibility

Geographic Area

- Varies by Program
- Forestlands - lands with greater than 10% tree cover



GGRF Details: General Requirements

- **Registered Professional Foresters (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



GGRF Details: General Requirements

Concept Proposal and Project Application Review Process

- **Concept Proposal**

- Logged in by Grant Management Unit
- Screened by HQ Program Managers
- Routed to CAL FIRE Regions and Units for comments

- **Project Application**

- Logged in by Grant Management Unit and screened by HQ Program
- Route to CAL FIRE Regions and Units
- Evaluated/Scored by Units
- Prioritized by Region
- Selected in consultation with HQ Executive



GGRF Details: General Requirements

Grant Evaluation and Selection Criteria

- **Concepts Proposal**
 - Evaluated based on eligibility and form completeness
- **Project Application based on Selection Criteria**
 - Appropriate/effective project type
 - GHG reduction benefits and GHG quantification method
 - Implementation plan, budget, and demonstrated capacity to administer grant
 - Community support and collaboration for the project
 - Part of a strategic plan
 - Contributes co-benefits
 - See Procedural Guidelines for each program



GGRF Details

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



GGRF Program Specifics

Forest Legacy Conservation Easement

Projects - 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



GGRF Program Specifics

Forest Pest Control

Projects - Grants for 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



GGRF Program Specifics

Fuels Reduction

Two Programs

Fuel Reduction Grants

CFIP Fuels Cost Share Agreements



GGRF Program Specifics

Fuels Reduction Grants

Projects - Grants for 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



GGRF 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. Targeted for smaller project and individual landowners

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



GGRF Program Specifics

Reforestation

Two Programs

Watershed Reforestation and Restoration Grants

CARCD CFIP Reforestation Cost Share Agreements



GGRF 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



GGRF Program Specifics

CARCD CFIP Reforestation Cost Share Agreements

Projects - CA Forest Improvement Program (CFIP) cost share agreements for small forest landowners for site preparation, seedlings, planting forest trees, and release. 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



GGRF 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 – Smaller nonindustrial landowners owning 5,000 acres or less of timberland in California.

Where - Timberland

Grant Amounts – No maximum award.

When – To be announced pending BOF rulemaking

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



GGRF Program Specifics

State Demonstration Forest Research Grants

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

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

Where – Forestland, State Demonstration Forests, or other off forest sites

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



GGRF Program Specifics

Urban & Community Forestry Grants

Projects – Five grants for urban tree planting; 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 CA/Cal Enviro Screen disadvantaged communities

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

When – Concept Proposals due by November 13, 2014

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



SRA Grants Details

- Program Specifics
- Project Evaluation Criteria
- Project Review Process





SRA Grant Fund Program Specifics

Projects – Fuel (vegetation) hazard reduction, fire prevention education, and fire prevention training and planning that reduce the risk of wildfire upon habitable structures in the SRA as worsened by drought conditions.

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

Where – Projects within the SRA.

Grant Amounts – No Maximum

When – Concept Proposals due by November 14, 2014

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



SRA Grant Fund 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



SRA Grant Fund Program Specifics

Concept Proposal and Application Review Process

Three levels:

Local – CAL FIRE Units/Contract Counties

Regional – CAL FIRE Regions

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



Greenhouse Gas Reduction Fund Forest Management Grants

State Responsibility Area Fire Prevention Grants

Contacts

SRA Grants – Sacramento HQ Program Contacts

Dean Cromwell -- Planning and Risk Analysis
Pete Munoa ----- Land Use Planning
David Shew ----- Fire Planning
Sam Walker ----- SRA Fire Prevention Program

GGRF Grants – Sacramento HQ Contacts

Jeff Calvert ----- Forest Legacy Grants
Tony Mediati ---- Fuel Reduction Grants
Matthew Reichman - PTEIR Grants
John Melvin ----- Urban Forestry Grants
Dr. Tom Smith ---- Forest Pest Control Grants
Stephen Smith --- CFIP Fuels Reduction, CFIP Reforestation, and Watershed Reforestation Grants

Chris Zimny ----- GGRF Programs

Helge Eng



Greenhouse Gas Reduction Fund Forest Management Grants

State Responsibility Area Fire Prevention Grants

Contacts

Grants Administration Unit

Stella Chan --- Grants Management Unit, GGRF and SRA Grants, Sacramento HQ

Joy Tucker --- Northern Region (Redding), SRA Grants

Virginia Hernandez --- Southern Region (Riverside), SRA Grants

Local Program Contacts - See list of staff at each Unit



Greenhouse Gas Reduction Fund Forest Management Grants

State Responsibility Area Fire Prevention Grants

Workshop Locations

Dublin – Alameda County EOC, Office of Homeland Security and Emergency Services, 4985 Broder Boulevard, Dublin, CA 94568

Sacramento – The Natural Resources Building, 1416 – 9th Street, Sacramento, CA 95814

San Marcos (1 to 4 PM) – San Marcos FD Training Center, 184 Santar Place, San Marcos, CA 92069

Ukiah – Redwood Empire Fairgrounds, 1055 N State St, Ukiah, CA 95482

Auburn – Placer County Sherriff's Office, 2929 Richardson Drive, Auburn, CA 95603

Redding – CAL FIRE Northern California Service Center, 6105 Airport Road, Redding, CA 96002

Riverside – Ben Clark Training Center, 16922 Bundy Avenue, Riverside, CA 92518

Fresno – Clovis Memorial Building, 808 – 4th Street, Clovis, CA 93612

Sutter Creek – CAL FIRE Sutter Hill Fire Station, 11600 Highway 49, Sutter Creek, CA 95685

Eureka – Humboldt County Agriculture Department, 5630 South Broadway, Eureka, CA 95503-6998



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Forest Climate Action Team (FCAT)

2014 AB32 Scoping Plan Update

Proposed Forest Carbon Plan Implementation
Process



First Update to the

Climate Change Scoping Plan

BUILDING ON THE FRAMEWORK

PURSUANT TO AB 32

*THE CALIFORNIA GLOBAL WARMING
SOLUTIONS ACT OF 2006*

AB32 Scoping Plan Update:

This Update describes a series of policies, actions, and strategic investments to enhance, protect, and conserve California's natural and working lands in ways that will provide important climate benefits as well as a more resilient California that is better prepared for climate risks such as more frequent and severe wildfires, varying and unpredictable water availability, and stressors on species and natural communities.

A key element of this approach is the development of a "Forest Carbon Plan" by 2016 that will set mid and long-term greenhouse gas reduction planning targets, and identify funding and investment needs.

AB32 Scoping Plan Update:

Specific actions to meet these planning targets for increasing carbon storage in California forests will be laid out in a “Forest Carbon Plan” (Plan). The Plan will be developed by a joint inter-agency workgroup and will necessitate engaging our federal partners with respect to federal lands in the State. The Plan should also include input from expert resources and stakeholders such as academia, non-governmental organizations, working forest owners, and local planning groups, to inform policy decisions.

Additionally, the Plan should work synergistically with other State planning policies where GHG emission reduction strategies and co-benefits intertwine such as in the Water Action Plan, State Wildlife Adaptation Plan, and Safeguarding California. A resource economics study may be necessary to support the development of the Forest Carbon Plan; funding for such a study would be needed.

FCAT Structure

- (1) Forest Climate Action Team (F-CAT) replaces the older IFWG.
- (2) Science Advisory Panel.
- (3) Subcommittees:
 - a. Inventory
 - b. Co-benefits
 - c. State and Federal public lands Issues
 - d. Policy: Funding and Targets & Goals Setting.

Timeline:

July 2014 - First meeting of F-CAT.

July 2014 – Request for proposals for Resource Economics Study.

July/Aug 2014 – Outreach to potential institutions participating in the Science Advisory Panel and constitute the Science Advisory Panel.

Dec 2014 – Approve consultant for Resource Economics Study.

Jan 2015 – CAL FIRE conducts outreach through small stakeholder meetings.

June 2015 –Public workshop on Forest Carbon Plan – to provide timeline and overview of the process.

Jan 2016 – Release of discussion draft of Forest Carbon Plan and public workshop/outreach.

July 2016 – Release of 2nd draft of Forest Carbon Plan and public workshop/outreach.

Dec 2016 – Completion of Forest Carbon plan.