
BIOMASS AGGREGATION PILOT PROJECT

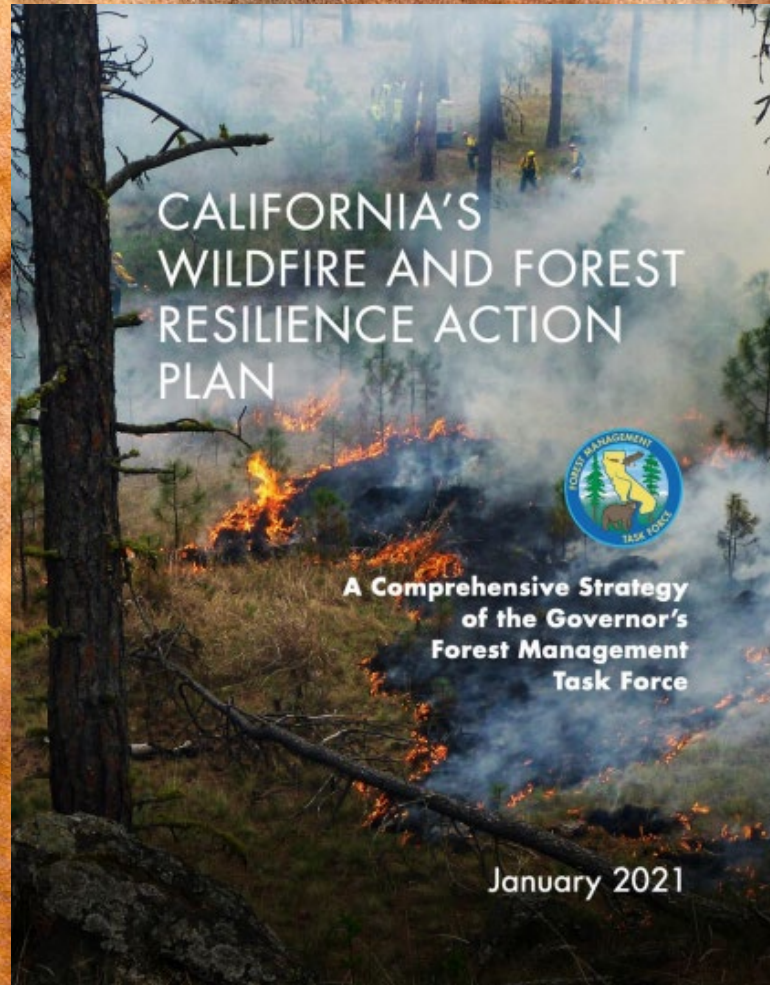
LAKE COUNTY COMMUNITY RISK
REDUCTION AUTHORITY JOINT
POWERS AUTHORITY7

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Member, RRA Bylaw Update Subcommittee





Goals of the Governor's Office of Planning & Research (OPR)

- Manage Forests to Achieve the State's Economic and Environmental Goals
- Create a Sustainable Wood Products Market in California

ADDRESS FEEDSTOCK BARRIERS THROUGH PILOT PROJECTS

- **Establish reliable access to woody feedstock** through a variety of feedstock aggregation mechanisms and organizational innovations.
- **Improve feedstock supply chain logistics** within each target region through an institutional arrangement with the structure, authority and resources to aggregate and initiate long-term feedstock contracts.
- **Explore and assess market opportunities** of potential woody biomass businesses in each target region.
- **Increase feedstock aggregation** on all relevant land types, including private and non-commercial land, especially where opportunity exists to produce community fire resilience benefits.



PILOT PROJECT INFO



Pilot Regions

- **Central Sierra Project**
 - Counties: Alpine, Amador, Calaveras, Mariposa and Tuolumne
- **Marin Biomass Project**
 - County: Marin
- **North Coast Resource Partnership**
 - Counties: Del Norte, Humboldt, Mendocino, Modoc, Siskiyou, Sonoma, Trinity
- **Northeast California Project**
 - Counties: Shasta and Lassen
- **Tahoe Central Sierra Initiative**
 - Counties: Amador, El Dorado and Placer

Pilot Project Timeline

Key Action	Target Dates	Status
Identify Potential Project Proponents	June – July 2021	COMPLETE
Develop and Finalize Project Criteria	July – August 2021	COMPLETE
Issue Criteria to Project Proponents	September 1, 2021	COMPLETE
Proposal Support for Programs	September – October 2021	COMPLETE
Deadline for Proposal Submission	November 1, 2021	COMPLETE
Proposal Review and Contracting	November 2021 – May 2022	IN PROGRESS
Project Support and Cohort Collaboration	October 2021 – June 2023	IN PROGRESS
Funds Encumbered	June 30, 2022	INCOMPLETE

CAL FRAME

In the California Forest Residual Aggregation for Market Enhancement (CAL FRAME) model, the concept proposes to create “biomass supply management entities” that could provide a regionally tailored, public process that would administer the flow of biomass between landowners, suppliers, and buyers.

Could a JPA Improve Forest Biomass Feedstock Supply Chains by Providing a Feedstock Supply Agreement that Includes a Publicly Managed Price Mechanism and Contract Risk Protections?



CAL FRAME JPA Models

- Public Infrastructure JPA
- Services JPA
- Wildfire Prevention JPA

PUBLIC INFRASTRUCTURE JPA

- Formed to be directly involved in funding public infrastructure like a biomass utilization campus, a sort yard, or biomass conversion or utilization facilities.
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SERVICES

JPA

- A JPA formed to provide a menu of community services and may own equipment to lease to new businesses or the community.

WILDFIRE PREVENTION JPA

- A JPA with the primary focus of paying for fuel treatment activities





BIOECONOMY DEVELOPMENT OPPORTUNITY ZONE DESIGNATION

- **The Bioeconomy Development Opportunity Zone Initiative** enables communities to powerfully leverage biomass assets to serve as anchors for clean energy economic development.
- **BDO Zones are force-multipliers** for de-risking and attracting investment into new plants that produce sustainable aviation fuel and advanced biofuels, renewable chemicals, biogas, and other biobased manufacturing products.
- **BDO Zone risk ratings** drive biobased investment and create clean energy jobs. They help stand up new biobased production plants that decrease GHGs in a meaningful way.
- **They can help secure our clean energy future.**

YEAR 1 GOALS FOR RRA

- Creation of a public entity model report to guide how to modify the existing RRA to operate as a woody biomass feedstock broker.
- Summary and report of recently completed feedstock feasibility assessments in the county
- Creation of a sustainable financing model report.



YEAR 2 GOALS

- Create and fund Executive Director position
- Pursue Bioeconomy Development Zone designation