

Placer County Biomass Utilization Activities & Plans



Presented to The Bioenergy Interagency Working Group

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Wildfire Protection/Biomass Strategic Plan for Placer County

Vision

Maintain a Healthy Forest to Cultivate Healthy Communities

Mission Statements

Placer County will be proactive in reducing the threat of catastrophic wildfires

Placer County will provide collaborative leadership in the field of Biomass Utilization





Placer County Promotes Biomass Utilization

Comprehensive Vision – Board of Supervisors
Discretionary County & federal funding on-going

Local/State/Federal Government collaboration (Invited to present)

Rapid growth/high property values

Large Forested areas (549,00 acres)

Major fires since 2001 (Gap, Ponderosa, Star, Ralston – 30,000 acres)

Poor Air Quality (Ozone Non-Attainment Area – except Tahoe Basin)

Strategic Plan approved for research, program definition, partnerships, technology demonstrations, funding solutions

Plans aligned with President's and Governor's Energy Policy



Elements of the Strategic Plan

Strategic Goals

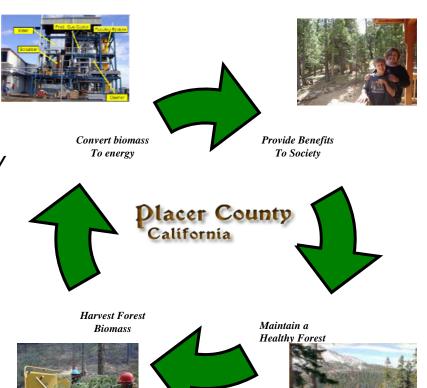
- > Focus on Progress
- > Share our Findings
- > Identify Funding
- ➤ Increase our Knowledge and Capability
- ➤ Provide a Path for Long Term Success

> Roadmaps

- Wildfire Prevention
- ➤ Biomass Utilization (3 Phases)

> Programmatic Goals

- ➤ Section 1: Catastrophic Wildfire Prevention
- ➤ Section 2: Biomass Logistics
- ➤ Section 3: Biomass Utilization





Outside Agency comments on the Strategic Plan



Doug Wickizer CDF: This is a very good plan and clearly presented. We support all of the objectives stated in the plan and are very pleased to be developing a working partnership with you for implementation of the areas we have in common.



Tom Frankiewicz EPA: It looks like you've done a great job of developing a plan that aligns the dual goals of clean power generation with healthy air and healthy forests.



John Stewart DOI: Placer County has already taken strong action to protect communities from wildfire, and this Plan will clearly further that goal. This plan will reduce air pollution and the threat of wildfire to communities, while providing opportunities for forest health improvement and conserving environmental and scenic values. I commend your efforts and will continue to suggest other Counties model their efforts after the outstanding work of Placer County.



Susan Brown CEC: Your plan will be a useful framework for the county's program. It provides an important step-by-step process for evaluating and putting in place technologies and best practices to reduce catastrophic wildfires, while harnessing forest biomass as an energy source.











Status on current projects

- Strategic Plan Approved April 07
- Tahoe Basin Biomass Removal Program Started 06, gearing up for 07
- Biomass Box Program Starting this spring (new local awards!)
- State Funding for Tahoe Biomass facility In Governors Budget (\$3.7m)
- Federal funding requested
- Collaboration high with Fed, State and community groups
- Heavy private industry contact (one feasibility study done! & Investors)
- RAWS Project tested 06, new purchase & placement 07





Granlibakken & Chinquapin

Private & Federal Funding







Cost of clearing \$30,000 & shredding slash:





Firewood:
Free to the Public



Granlibakken & Chinquapin

Private & Federal Funding





Cost of transporting biomass \$3,000







Granlibakken & Chinquapin

Private & Federal Funding





Price of working together: \$0







Protecting Communities & Creating Clean Energy:



Priceless





Implementation timing for Strategic Plan: next steps

2007/2008 fiscal year

- Program development & education
- Fire safe organization development
- Studies to get ready for Tahoe facility
 - Air Pollution Offset/Credit
 - Health Effects
 - Business Plan
 - Technology Assessments
- Evolving tools with private sector
 - Compliance agreements
 - SEPS

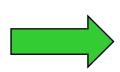
2008/2009 fiscal year

- Program Sustainment
- Tahoe Facility
 - Design
 - Technology
 - Logistics
 - •Fuel supply & power contracts
 - Private Investment
- Non-Attainment area exploration



2009/2010 fiscal year

- Program Sustainment
- •Tahoe on-line
- Biomass to transportation fuels
- Land Fill Projects MSW?



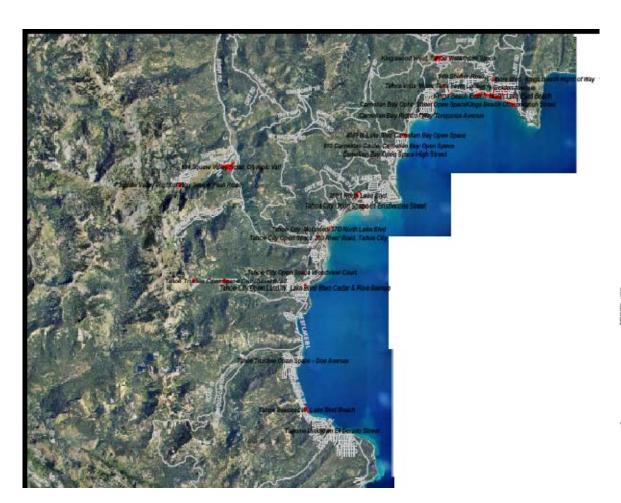
2010 & **Beyond**

Program Sustainment

7



Wildfire Protection/Biomass Utilization Burton Creek Biomass facility



New Tahoe Justice Center

